

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
MEL-CREST ALTARAZOR	US000138929709	09.01.2008	EMY-021

Country of origin	US	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	30.10.2008
		US	MO8045256

Pedigree

Sire	PGS	FUSTEAD EMORY BLITZ-ET
EMERALD-ACR-SA T-BAXTER		US000017013604
US000132973942	PGD	EMERALD-ACR-SA T-MALLORY-ET
EMY-019		US000130227821
Dam	MGS	BRAEDALE GOLDWYN-ET
MEL-CREST ROSEBUD RAVEN-ET		CA000010705608
US000137052512	MGD	MEL-CREST ROYALE RAVEN-ET
		US000135061914

Milk production data	SK 10/2018	Herds	22	Daug.	262	Rel.	96 %	SPI	3621
Number controls		BV		Milk		Fat	%	Prot.	%
4600				682	49	0,36	21	-0,01	
								SCS	2,60
								rank	134.

Type data	SHA 10/2018	Herds	19 / 6	Daug.	131	82,6	Rel.	88 %	TYPE	2,40
								rank	1.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	1,49									
Angularity	1,40									
Chest Width	0,30									
Body Depth	0,40									
Rump Angle	1,66									
Rear Legs Side View	-0,56									
Foot Angle	-0,10									
Fore Udder Attachment	2,28									
Front Teat Placement	0,05									
Teat Length	0,40									
Rear Udder Height	2,57									
Rear Udder Width	2,03									
Central Ligament	1,45									
Udder Depth	1,28									
Rump Width	-0,18									
Rear Legs Rear View	0,50									
Rear Teat Placement	1,47									
Locomotion	0,61									
Body Condition	-0,19									

daught. average

85,8	Frame	1,34
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82,7	Dairy Strength	1,70
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82,9	Feet & Legs	0,96
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80,8	Udder	2,29
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	SHI	205,0
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rank 6.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

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Bull name	Registration number	Birth date	State Register
GEN-I-BEQ ATOMIUM RED-ET	CA000107640201	12.04.2012	PEL-058
Country of origin	CA	Breed	R100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	18.01.2013
		CA	DC317175

Pedigree

Sire	PGS	PICSTON SHOTTLE-ET	
OUR-FAVORITE DETOX-ET		GB000000598172	PEL-033
US000139877537	PGD	SCIENTIFIC GOLD DISH RAE-ET	
		US000138106951	
Dam	MGS	EMERALD-ACR-SA T-BAXTER	
KHW-I AIKA BAXTER-ET		US000132973942	EMY-019
CA000105054246	MGD	KHW GOLDWYN AIKO-ET	
		US000137658044	

Milk production data	SK 10/2018	Herds	17	Daug.	180	Rel.	93 %	SPI	3149
Number controls		BV		Milk		Fat	%	Prot.	%
1502				405	45	0,50	21	0,17	
								SCS	2,48
								rank	36.
								rank	78.

Type data	SHA 10/2018	Herds	10 / 4	Daug.	67	82,2	Rel.	79 %	TYPE	2,35
									rank	2.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	1,53									
Angularity	1,82									
Chest Width	-0,11									
Body Depth	0,24									
Rump Angle	0,74									
Rear Legs Side View	0,44									
Foot Angle	-0,17									
Fore Udder Attachment	1,71									
Front Teat Placement	0,45									
Teat Length	0,09									
Rear Udder Height	2,00									
Rear Udder Width	0,82									
Central Ligament	1,93									
Udder Depth	1,90									
Rump Width	-0,63									
Rear Legs Rear View	0,44									
Rear Teat Placement	1,14									
Locomotion	-0,42									
Body Condition	-0,73									

daught. average

85,3	Frame	1,43
82,1	Dairy Strength	1,63
81,5	Feet & Legs	-0,11
81,1	Udder	2,60
	SHI	188,8
	rank	12.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

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Bull name	Registration number	Birth date	State Register
KERNDT STALLION	US000050750432	15.12.2004	SOM-028
Country of origin	US	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	12.10.2005
		CA	DC148441

Pedigree

Sire	PGS	MAUGHLIN STORM-ET
PURSUIT SEPTEMBER STORM-ET		CA000005457798
CA000006820564	PGD	GLEN DRUMMOND SHIMMER-ET
SOM-024		CA000006185591
Dam	MGS	CAROL PRELUDE MTOTO-ET
KERNDT MATTIE GRUMPY-ET		IT006001001962
US000207128752	MGD	KERNDT MEXIE REMARK MATTIE
		US000017045274

Milk production data	SK 10/2018	Herds	6	Daug.	150	Rel.	95 %	SPI	831
Number controls		BV		Milk		Fat	%	Prot.	%
2719				133		23	0,32	0	-0,09
								SCS	2,60
								rank	...
								rank	...

Type data	SHA 10/2018	Herds	9 / 3	Daug.	60	81,3	Rel.	80 %	TYPE	2,26
									rank	3.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	1,27									
Angularity	2,26									
Chest Width	0,18									
Body Depth	1,04									
Rump Angle	-1,06									
Rear Legs Side View	-0,59									
Foot Angle	1,01									
Fore Udder Attachment	-0,05									
Front Teat Placement	1,10									
Teat Length	0,69									
Rear Udder Height	0,13									
Rear Udder Width	1,71									
Central Ligament	-0,77									
Udder Depth	-0,70									
Rump Width	-0,22									
Rear Legs Rear View	1,46									
Rear Teat Placement	-0,58									
Locomotion	1,04									
Body Condition	-1,03									

daught. average

83,4	Frame	1,35
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82,9	Dairy Strength	2,56
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82,5	Feet & Legs	1,66
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78,6	Udder	1,29
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	SHI	115,5
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rank 82.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

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Bull name	Registration number	Birth date	State Register
MS AMERY-RED	US000132415666	09.05.2001	LU-030
Country of origin	US	Breed	R100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	28.10.2002
		CA	DC81224

Pedigree

Sire	PGS	NORRIELAKE CLEITUS LUKE-TWIN
LENTINI-ET		US000002071864
DE001012337003	PGD	CLE-005
		LOOSLEA BLK STAR MONIQUE-ET
		US000014122737
Dam	MGS	GLEN-TOCTIN JOHNSON-ET
MS AMELIA-ET		US000002145651
US000120265853	MGD	BLUE-CUT ELTON AMBER
		US000014458034

Milk production data	SK 10/2018	Herds	40	Daug.	284	Rel.	97 %	SPI	-1613
Number controls		BV		Milk		Fat		rank	837.
5900				-142		-25	-0,38	SCS	2,85
						-12	-0,17	rank	365.

Type data	SHA 10/2018	Herds	12 / 2	Daug.	65	81,1	Rel.	80 %	TYPE	2,22
								rank	4.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	1,85									
Angularity	1,70									
Chest Width	-0,12									
Body Depth	0,75									
Rump Angle	0,24									
Rear Legs Side View	1,45									
Foot Angle	-0,26									
Fore Udder Attachment	1,18									
Front Teat Placement	0,00									
Teat Length	3,53									
Rear Udder Height	1,65									
Rear Udder Width	2,22									
Central Ligament	2,32									
Udder Depth	1,09									
Rump Width	0,58									
Rear Legs Rear View	2,10									
Rear Teat Placement	1,41									
Locomotion	-1,81									
Body Condition	-1,91									

daught. average

86,0	Frame	1,82
81,9	Dairy Strength	2,02
81,7	Feet & Legs	-0,69
77,9	Udder	2,26
	SHI	40,3
	rank	297.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

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Bull name	Registration number	Birth date	State Register
O-BEE KRUSADER-ET	US000139986224	10.04.2009	BS-053

Country of origin	US	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	24.03.2010
		CA	DC252948

Pedigree

Sire	PGS	ROSE-BAUM TABOO-ET	
ENSENADA TABOO PLANET-ET		US000017121203	
US000060597003	PGD	PLUSHANSKI AMEL PATTY-ET	
BS-050		US000130161039	
Dam	MGS	PICSTON SHOTTLE-ET	
O-BEE SHOTTLE KOLLEEN-ET		GB000000598172	PEL-033
US000138352370	MGD	O-BEE BW MARSHALL KELSIE-ET	
		US000131724282	

Milk production data	SK 10/2018	Herds	27	Daug.	400	Rel.	98 %	SPI	3875
Number controls		BV		Milk		Fat	%	Prot.	%
7562				985	18	-0,32	31	0,01	SCS
									rank
									20.
									rank
									215.

Type data	SHA 10/2018	Herds	18 / 9	Daug.	52	81,2	Rel.	78 %	TYPE	2,20
									rank	5.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	1,16									
Angularity	0,90									
Chest Width	0,42									
Body Depth	0,58									
Rump Angle	-0,31									
Rear Legs Side View	-1,86									
Foot Angle	0,80									
Fore Udder Attachment	3,20									
Front Teat Placement	1,96									
Teat Length	-0,95									
Rear Udder Height	1,35									
Rear Udder Width	0,76									
Central Ligament	0,89									
Udder Depth	2,87									
Rump Width	0,67									
Rear Legs Rear View	1,42									
Rear Teat Placement	1,12									
Locomotion	1,60									
Body Condition	0,53									

daught. average

86,2	Frame	1,46
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82,0	Dairy Strength	1,24
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82,5	Feet & Legs	1,79
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77,5	Udder	1,50
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	SHI	204,7
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rank 7.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

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Bull name	Registration number	Birth date	State Register
CEDARWAL APTITUDE-ET	CA000010743429	08.07.2000	MNA-012

Country of origin	CA	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	19.11.2002
		CA	DC82603

Pedigree

Sire	PGS	BIS-MAY S-E-L MOUNTAIN-ET
ETAZON ADDISON-ET		US000002070579
NL000839380546	PGD	TIDY-BROOK ELTON STEPH-ET
		US000014080279
Dam	MGS	SHOREMAR MASON-ET
SUMMERSHADE ILENE MASON		CA000005279989
CA000006655180	MGD	SUMMERSHADE ILENE SCOT-ET
		CA000005619306

Milk production data	SK 10/2018	Herds	28	Daug.	752	Rel.	99 %	SPI	1331
Number controls		BV		Milk		Fat	%	rank	206.
13454				495		11	-0,15	5	-0,20
								SCS	3,33
								rank	978.

Type data	SHA 10/2018	Herds	15 / 5	Daug.	116	79,9	Rel.	88 %	TYPE	2,14
								rank	6.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	1,52									
Angularity	1,22									
Chest Width	1,00									
Body Depth	1,29									
Rump Angle	0,67									
Rear Legs Side View	0,97									
Foot Angle	0,84									
Fore Udder Attachment	0,69									
Front Teat Placement	2,34									
Teat Length	2,15									
Rear Udder Height	0,46									
Rear Udder Width	1,53									
Central Ligament	-0,32									
Udder Depth	-0,25									
Rump Width	1,48									
Rear Legs Rear View	0,13									
Rear Teat Placement	1,70									
Locomotion	2,95									
Body Condition	-1,52									

daught. average

85,2	Frame	1,72
80,7	Dairy Strength	2,28
79,3	Feet & Legs	1,67
77,1	Udder	0,87
	SHI	125,6
	rank	61.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

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Bull name	Registration number	Birth date	State Register
GEN-I-BEQ SOUDAN-ET	CA000102437934	20.08.2004	SOM-027

Country of origin	CA	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	31.05.2005
		CA	DC140740

Pedigree

Sire	PGS	MAUGHLIN STORM-ET
HARTLINE TITANIC-ET		CA000005457798
US000123066734	PGD	DOCO LEADMAN TENACIOUS
SOM-007		US000014734618
Dam	MGS	SUMMERSHADE IGNITER
BEN-I-BEQ IGNITER SHANA-ET		CA000006466625
CA000008301908	MGD	GLEN DRUMMOND SPLENDOR-ET
		CA000006847680

Milk production data	SK 10/2018	Herds	17	Daug.	351	Rel.	98 %	SPI	600
Number controls		BV		Milk		Fat	%	Prot.	%
6414				352	-11	-0,45	7	-0,10	SCS
									rank
									344.
									rank
									448.

Type data	SHA 10/2018	Herds	7 / 3	Daug.	28	81,2	Rel.	66 %	TYPE	2,11
									rank	7.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	1,59									
Angularity	0,03									
Chest Width	1,10									
Body Depth	0,26									
Rump Angle	-0,52									
Rear Legs Side View	-1,11									
Foot Angle	3,05									
Fore Udder Attachment	0,72									
Front Teat Placement	1,04									
Teat Length	1,87									
Rear Udder Height	1,00									
Rear Udder Width	2,04									
Central Ligament	1,42									
Udder Depth	0,76									
Rump Width	1,03									
Rear Legs Rear View	0,17									
Rear Teat Placement	1,55									
Locomotion	0,03									
Body Condition	0,68									

daught. average

86,6	Frame	1,83
82,4	Dairy Strength	0,44
82,5	Feet & Legs	1,82
77,2	Udder	1,53
	SHI	102,5
	rank	110.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

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Bull name	Registration number	Birth date	State Register
PENNVIEW INTRUDER-ET	CA000009313510	20.04.2001	LU-034
Country of origin	CA	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	29.01.2005
		CA	IG067938A

Pedigree

Sire	PGS	NORRIELAKE CLEITUS LUKE-TWIN
LEXVOLD LUKE HERSHEL-ET		US000002071864
US000002294436	PGD	LEXVOLD MASCOT HILARY-ET
LU-013		US000014854001
Dam	MGS	STARTMORE RUDOLPH-ET
PENNVIEW RUDOLPH INDIA-ET		CA000005470579
CA000006830328	MGD	PENNVIEW BLACKSTAR IVANNA
		CA000005803584

Milk production data	SK 10/2018	Herds	4	Daug.	51	Rel.	86 %	SPI	1935
Number controls		BV		Milk		Fat	%	Prot.	%
851				633		16	-0,14	10	-0,20
								SCS	2,88
								rank	...
								rank	...

Type data	SHA 10/2018	Herds	9 / 2	Daug.	29	82,8	Rel.	68 %	TYPE	2,09
									rank	8.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,62									
Angularity	-0,30									
Chest Width	1,08									
Body Depth	1,58									
Rump Angle	0,03									
Rear Legs Side View	-1,36									
Foot Angle	2,60									
Fore Udder Attachment	0,73									
Front Teat Placement	-0,48									
Teat Length	1,05									
Rear Udder Height	1,10									
Rear Udder Width	1,75									
Central Ligament	1,61									
Udder Depth	0,63									
Rump Width	1,00									
Rear Legs Rear View	0,08									
Rear Teat Placement	-0,30									
Locomotion	0,95									
Body Condition	1,09									

daught. average

85,6	Frame	0,91
81,5	Dairy Strength	1,14
84,8	Feet & Legs	2,39
81,4	Udder	1,67
	SHI	141,9
	rank	36.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

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Bull name	Registration number	Birth date	State Register
WALLACEVIEW ALADDIN-ET	CA000007317441	22.12.2001	EMY-007
Country of origin	CA	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	26.08.2002
		CA	DC77051

Pedigree

Sire	PGS	MJR BLACKSTAR EMORY-ET
CANYON-BREEZE ALLEN-ET		US000002114601
US000017129288	PGD	CANYON-BREEZE WST AMBER-ET
		US000014706235
Dam	MGS	STARTMORE RUDOLPH-ET
WALLACEVIEW RUD REINA		CA000005470579
CA000006809320	MGD	WALLACEVIEW ODIN REGAL
		CA000005277636

Milk production data	SK 10/2018	Herds	14	Daug.	144	Rel.	95 %	SPI	1109
Number controls		BV		Milk	Fat	%	Prot.	%	rank
2927				43	13	0,20	11	0,20	SCS
									rank
									249.
									850.

Type data	SHA 10/2018	Herds	20 / 4	Daug.	74	80,8	Rel.	81 %	TYPE	2,04
									rank	9.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,90									
Angularity	0,76									
Chest Width	0,34									
Body Depth	2,19									
Rump Angle	1,88									
Rear Legs Side View	-0,82									
Foot Angle	-1,14									
Fore Udder Attachment	0,24									
Front Teat Placement	1,84									
Teat Length	-1,96									
Rear Udder Height	2,17									
Rear Udder Width	2,41									
Central Ligament	0,51									
Udder Depth	0,57									
Rump Width	-0,53									
Rear Legs Rear View	-0,54									
Rear Teat Placement	1,23									
Locomotion	0,14									
Body Condition	-0,98									

daught. average

84,8	Frame	1,00
81,7	Dairy Strength	2,08
80,4	Feet & Legs	-1,03
78,6	Udder	2,46
	SHI	114,9
	rank	84.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

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Bull name	Registration number	Birth date	State Register
END-ROAD BEACON-ET	US000136800233	10.09.2005	PEL-044
Country of origin	US	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	31.05.2006
		US	M06017795

Pedigree

Sire	PGS	CAROL PRELUDE MTOTO-ET
PICSTON SHOTTLE-ET		IT006001001962
GB000000598172	PGD	CONDON AERO SHARON
PEL-033		CA000005373153
Dam	MGS	MARA-THON BW MARSHALL-ET TV
END-ROAD MARSHALL BUG		US000002290977
US000131926022	MGD	END-ROAD MARTY BEETLE-ET
		US000127943459

Milk production data	SK 10/2018	Herds	13	Daug.	325	Rel.	97 %	SPI	2491
Number controls		BV		Milk		Fat	%	rank	78.
5995				778	14	-0,26	16	SCS	2,66
								rank	168.

Type data	SHA 10/2018	Herds	55 / 10	Daug.	266	82,4	Rel.	94 %	TYPE	2,02
								rank	10.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,92									
Angularity	0,67									
Chest Width	-0,06									
Body Depth	-0,09									
Rump Angle	0,90									
Rear Legs Side View	0,67									
Foot Angle	0,49									
Fore Udder Attachment	0,40									
Front Teat Placement	-1,04									
Teat Length	0,05									
Rear Udder Height	3,17									
Rear Udder Width	1,82									
Central Ligament	0,85									
Udder Depth	0,67									
Rump Width	-0,34									
Rear Legs Rear View	1,74									
Rear Teat Placement	-0,76									
Locomotion	1,35									
Body Condition	-1,11									

daught. average

85,2 **Frame** 0,88

81,8 **Dairy Strength** 0,55

83,9 **Feet & Legs** 1,58

80,6 **Udder** 2,23

SHI 155,8

rank 30.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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Bull name	Registration number	Birth date	State Register
BARBI-LYN M MATCHES-ET	US000129766502	21.03.2000	PEL-028
Country of origin	US	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	31.05.2005
		US	HU2005005730

Pedigree

Sire	PGS	RONNYBROOK PRELUDE-ET
CAROL PRELUDE MTOTO-ET	CA000000392457	STB-016
IT006001001962	PGD	BLACKSTAR BETSY-ET
	US000014459466	
Dam	MGS	AMELDIN II PONTIAC HUNTER-323
WINDCREST HUNTER MATTIE-ET	US000002094527	PTC-010
US000121627182	MGD	EASTVIEW IMAGE MATTIE G-ET
	US000013991469	

Milk production data	SK 10/2018	Herds	50	Daug.	1222	Rel.	99 %	SPI	4006
Number controls		BV		Milk		Fat	%	rank	17.
22814				1058		35	-0,09	24	-0,16
								SCS	2,93
								rank	474.

Type data	SHA 10/2018	Herds	76 / 17	Daug.	297	80,7	Rel.	95 %	TYPE	2,01
								rank	11.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,06									
Angularity	1,49									
Chest Width	0,79									
Body Depth	1,75									
Rump Angle	-0,44									
Rear Legs Side View	-0,15									
Foot Angle	0,24									
Fore Udder Attachment	0,56									
Front Teat Placement	0,47									
Teat Length	0,04									
Rear Udder Height	0,54									
Rear Udder Width	1,86									
Central Ligament	1,97									
Udder Depth	-0,51									
Rump Width	0,72									
Rear Legs Rear View	0,59									
Rear Teat Placement	0,52									
Locomotion	0,68									
Body Condition	-0,31									

daught. average

83,4	Frame	0,41
81,7	Dairy Strength	2,69
80,7	Feet & Legs	0,71
78,9	Udder	2,04
	SHI	201,1
	rank	8.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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Bull name	Registration number	Birth date	State Register
PICSTON SHOTTLE-ET	GB000000598172	23.07.1999	PEL-033
Country of origin	GB	Breed	H100
Distributor		Herdbook	HA
		Paternity	

Pedigree

Sire	PGS	RONNYBROOK PRELUDE-ET	
CAROL PRELUDE MTOTO-ET		CA000000392457	STB-016
IT006001001962	PGD	BLACKSTAR BETSY-ET	
		US000014459466	
Dam	MGS	MADAWASKA AEROSTAR	
CONDON AERO SHARON		CA000000383622	STB-011
CA000005373153	MGD	CONDON INSPIRATION SALLY	
		CA000004532714	

Milk production data	SK 10/2018	Herds	7	Daug.	15	Rel.	92 %	SPI	4154
Number controls		BV		Milk		Fat	%	Prot.	%
281				985	39	0,00	27	-0,07	SCS
									rank
									...
									rank
									...

Type data	SHA 10/2018	Herds	6 / 4	Daug.	10	81,0	Rel.	86 %	TYPE	2,00
									rank	12.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	1,41									
Angularity	1,39									
Chest Width	-0,12									
Body Depth	-0,19									
Rump Angle	1,06									
Rear Legs Side View	-0,05									
Foot Angle	0,18									
Fore Udder Attachment	1,57									
Front Teat Placement	0,81									
Teat Length	0,03									
Rear Udder Height	1,78									
Rear Udder Width	0,05									
Central Ligament	1,49									
Udder Depth	1,76									
Rump Width	0,51									
Rear Legs Rear View	-0,28									
Rear Teat Placement	1,02									
Locomotion	1,47									
Body Condition	-0,38									

daught. average

83,5	Frame	1,20
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81,7	Dairy Strength	1,04
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81,9	Feet & Legs	1,05
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78,6	Udder	1,87
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	SHI	205,3
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rank 5.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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Bull name	Registration number	Birth date	State Register
DE-SU GILLESPIY-ET	US000063449626	29.06.2007	LU-042

Country of origin	US	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	18.06.2008
		US	M08040620

Pedigree

Sire	PGS	LEXVOLD LUKE HERSHEL-ET	
SANDY-VALLEY BOLTON-ET		US000002294436	LU-013
US000131823833	PGD	SANDY-VALLEY BLESSING-ET	
		US000128824973	
Dam	MGS	PICSTON SHOTTLE-ET	
DE-SU 6822-ET		GB000000598172	PEL-033
US000061682143	MGD	DE-SU BW MARSHAL GEORGIA-ET	
		US000207652257	

Milk production data	SK 10/2018	Herds	49	Daug.	1233	Rel.	99 %	SPI	4523
Number controls		BV		Milk		Fat	%	Prot.	%
15300				1243	32	-0,25	30	-0,16	SCS
									rank
									8.
									SCS
									rank
									18.

Type data	SHA 10/2018	Herds	157 / 28	Daug.	730	82,8	Rel.	98 %	TYPE	1,99
									rank	13.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	1,44									
Angularity	1,14									
Chest Width	-0,06									
Body Depth	-0,00									
Rump Angle	1,83									
Rear Legs Side View	0,23									
Foot Angle	0,75									
Fore Udder Attachment	1,20									
Front Teat Placement	1,14									
Teat Length	-0,21									
Rear Udder Height	2,67									
Rear Udder Width	1,12									
Central Ligament	0,73									
Udder Depth	1,57									
Rump Width	0,19									
Rear Legs Rear View	-0,20									
Rear Teat Placement	0,85									
Locomotion	-0,40									
Body Condition	-1,12									

daught. average

86,1	Frame	1,28
82,3	Dairy Strength	0,99
83,4	Feet & Legs	0,53
81,0	Udder	1,96
	SHI	216,0
	rank	3.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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Bull name	Registration number	Birth date	State Register
GILLETTE WINDBROOK	CA000007816429	08.01.2006	PEL-042
Country of origin	CA	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	03.08.2006
		CA	DC166868

Pedigree

Sire	PGS	CAROL PRELUDE MTOTO-ET IT006001001962
GILLETTE BRILEA FBI-ET CA000008209524	PGD	GILLETTE BRILEA BELLE FLEUR-ET CA000006735509
Dam	MGS	FUSTEAD EMORY BLITZ-ET US000017013604
GILLETTE BLIZT 2ND WIND-ET CA000007352248	MGD	BREADALE SECOND CUT-ET CA000006860889

Milk production data	SK 10/2018	Herds	6	Daug.	158	Rel.	95 %	SPI	660
Number controls		BV		Milk		Fat	%	Prot.	%
2351				354		-6	-0,36	5	-0,12
								SCS	2,64
								rank	...
								rank	...

Type data	SHA 10/2018	Herds	8 / 2	Daug.	18	81,8	Rel.	56 %	TYPE	1,98
									rank	14.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	1,39									
Angularity	1,47									
Chest Width	0,07									
Body Depth	0,49									
Rump Angle	-0,07									
Rear Legs Side View	-0,89									
Foot Angle	0,99									
Fore Udder Attachment	1,46									
Front Teat Placement	-0,31									
Teat Length	-2,17									
Rear Udder Height	1,49									
Rear Udder Width	1,75									
Central Ligament	-0,44									
Udder Depth	0,43									
Rump Width	0,14									
Rear Legs Rear View	-0,65									
Rear Teat Placement	0,31									
Locomotion	0,34									
Body Condition	-0,37									

daught. average

84,5	Frame	1,48
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83,6	Dairy Strength	1,63
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83,6	Feet & Legs	0,89
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78,3	Udder	1,46
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	SHI	99,2
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rank 116.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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Bull name	Registration number	Birth date	State Register
SANDY-VALLEY BYRLE-ET	US000130083625	25.08.2000	ELN-020

Country of origin	US	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	27.09.2001
		CA	BT800061

Pedigree

Sire	PGS	EMPRISE BELL ELTON	
WA-DEL CONVINCER-ET		US000001912270	
US000002249055	PGD	WA-DEL CLEITUS CINDY-ET	
ELN-002		US000013372706	
Dam	MGS	RICECREST MARTY-ET	
SANDY-VALLEY MARTY BEA-ET		US000002231562	TES-007
US000125932530	MGD	RICECREST BWOOD BRIANNE-ET	
		US000015731228	

Milk production data	SK 10/2018	Herds	14	Daug.	169	Rel.	96 %	SPI	3663
Number controls		BV		Milk		Fat	%	rank	24.
3238				783		40	0,16	SCS	2,78
						23	-0,03	rank	290.

Type data	SHA 10/2018	Herds	14 / 5	Daug.	95	80,0	Rel.	86 %	TYPE	1,98
								rank	15.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,65									
Angularity	0,49									
Chest Width	0,43									
Body Depth	0,46									
Rump Angle	-0,92									
Rear Legs Side View	-0,77									
Foot Angle	0,96									
Fore Udder Attachment	0,71									
Front Teat Placement	0,41									
Teat Length	0,85									
Rear Udder Height	1,06									
Rear Udder Width	1,96									
Central Ligament	1,54									
Udder Depth	0,28									
Rump Width	1,09									
Rear Legs Rear View	-0,31									
Rear Teat Placement	1,56									
Locomotion	1,75									
Body Condition	0,02									

daught. average

82,9	Frame	0,91
80,3	Dairy Strength	0,91
79,9	Feet & Legs	1,55
78,5	Udder	2,03
	SHI	189,7
	rank	10.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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Bull name	Registration number	Birth date	State Register
GENOS GAVOR	CZ000010049071	01.12.2002	CHP-005
Country of origin	CZ	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	27.05.2003
		CZ	80403

Pedigree

Sire	PGS	STARTMORE RUDOLPH-ET	
CALBRETT-I H H CHAMPION-ET		CA000005470579	ARS-015
CA000006961162	PGD	SKYS-THE-LIMIT CLAIRE-ET	
RUH-002		US000015386863	
Dam	MGS	DIXIE-LEE AARON-ET	
GENOS NORA		US000002265005	LU-009
CZ000120101709	MGD	US MASAL TERESA BELLWOOD	
		US000017056814	

Milk production data	SK 10/2018	Herds	59	Daug.	1839	Rel.	99 %	SPI	1977
Number controls		BV		Milk		Fat	%	Prot.	%
32964				615	0	-0,40	17	-0,04	
								SCS	2,93
								rank	127.
								rank	461.

Type data	SHA 10/2018	Herds	108 / 19	Daug.	611	80,8	Rel.	98 %	TYPE	1,97
									rank	16.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	1,79									
Angularity	1,89									
Chest Width	-1,02									
Body Depth	0,18									
Rump Angle	-0,32									
Rear Legs Side View	-0,74									
Foot Angle	0,42									
Fore Udder Attachment	-0,08									
Front Teat Placement	-0,73									
Teat Length	0,78									
Rear Udder Height	1,73									
Rear Udder Width	2,15									
Central Ligament	0,93									
Udder Depth	0,09									
Rump Width	-0,30									
Rear Legs Rear View	0,94									
Rear Teat Placement	1,37									
Locomotion	0,65									
Body Condition	-1,75									

daught. average

84,9	Frame	1,38
81,3	Dairy Strength	1,46
81,0	Feet & Legs	0,90
78,5	Udder	1,53
	SHI	138,5
	rank	39.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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Bull name	Registration number	Birth date	State Register
MERLIN	DE000352239216	29.03.2008	EMY-013
Country of origin	DE	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	18.07.2008
		DE	08/38805

Pedigree

Sire	PGS	FUSTEAD EMORY BLITZ-ET
EMERALD-ACR-SA T-BAXTER		US000017013604
US000132973942	PGD	EMERALD-ACR-SA T-MALLORY-ET
EMY-019		US000130227821
Dam	MGS	PICSTON SHOTTLE-ET
RR RIO-ET		GB000000598172
DE000350104899	MGD	RITA-REIN
		NL000349794606
		PEL-033

Milk production data	SK 10/2018	Herds	37	Daug.	200	Rel.	96 %	SPI	1008
Number controls		BV		Milk		Fat	%	Prot.	%
4176				409		10	-0,11	3	-0,21
								SCS	3,64
								rank	1205.

Type data	SHA 10/2018	Herds	20 / 11	Daug.	54	80,9	Rel.	78 %	TYPE	1,87
									rank	17.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	1,99									
Angularity	0,70									
Chest Width	0,75									
Body Depth	0,75									
Rump Angle	1,13									
Rear Legs Side View	-1,39									
Foot Angle	0,74									
Fore Udder Attachment	0,81									
Front Teat Placement	-0,57									
Teat Length	1,57									
Rear Udder Height	1,58									
Rear Udder Width	0,96									
Central Ligament	1,38									
Udder Depth	0,23									
Rump Width	1,10									
Rear Legs Rear View	0,30									
Rear Teat Placement	1,07									
Locomotion	-0,68									
Body Condition	0,15									

daught. average

86,5	Frame	2,06
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81,4	Dairy Strength	1,33
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81,0	Feet & Legs	0,42
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77,9	Udder	1,27
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	SHI	105,1
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rank 105.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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Bull name	Registration number	Birth date	State Register
GLEN-D-HAVEN BANDO-ET	US000052482463	24.10.2004	BW-046

Country of origin	US	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	23.08.2005
		CA	DC145670

Pedigree

Sire	PGS	MAIZEFIELD BELLWOOD-ET	
MARA-THON BW MARSHALL-ET TV		US000002103297	MEW-004
US000002290977	PGD	MORGAN VALLEY ELTON MARA	
		US000014840387	
Dam	MGS	DIXIE-LEE AARON-ET	
GLEN-D-HAVEN AARON BAMBI-ET		US000002265005	LU-009
US000050426692	MGD	GLEN-D-HAVEN ELTON BILLY-ET	
		US000017127415	

Milk production data	SK 10/2018	Herds	31	Daug.	558	Rel.	98 %	SPI	2267
Number controls		BV		Milk		Fat		rank	96.
10741				536		22	0,02	SCS	2,79
								rank	301.

Type data	SHA 10/2018	Herds	27 / 9	Daug.	136	81,8	Rel.	89 %	TYPE	1,87
								rank	18.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	1,36									
Angularity	0,84									
Chest Width	-0,93									
Body Depth	-0,31									
Rump Angle	1,40									
Rear Legs Side View	-2,35									
Foot Angle	0,98									
Fore Udder Attachment	2,43									
Front Teat Placement	1,34									
Teat Length	-0,96									
Rear Udder Height	2,34									
Rear Udder Width	0,08									
Central Ligament	0,79									
Udder Depth	1,73									
Rump Width	-0,29									
Rear Legs Rear View	0,43									
Rear Teat Placement	1,33									
Locomotion	1,88									
Body Condition	-1,44									

daught. average

85,8	Frame	1,04
81,7	Dairy Strength	0,17
83,5	Feet & Legs	2,07
79,2	Udder	1,84
	SHI	143,0
	rank	35.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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Bull name	Registration number	Birth date	State Register
DE-SU 521 BOOKEM-ET	US000066636657	21.02.2009	BS-064

Country of origin	US	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	15.12.2009
		US	M09059688

Pedigree

Sire	PGS	ROSE-BAUM TABOO-ET
ENSENADA TABOO PLANET-ET		US000017121203
US000060597003	PGD	PLUSHANSKI AMEL PATTY-ET
BS-050		US000130161039
Dam	MGS	RAMOS
CLEAR-ECHO 822 RAMO 1199-ET		DE000341485350
US000061765027	MGD	CLEAR-ECHO HERSHL D-RAC 822
		US000060427332

Milk production data	SK 10/2018	Herds	13	Daug.	123	Rel.	92 %	SPI	2908
Number controls		BV		Milk		Fat	%	rank	53.
1665				698	10	-0,28	26	SCS	2,34
								rank	35.

Type data	SHA 10/2018	Herds	35 / 11	Daug.	89	82,7	Rel.	85 %	TYPE	1,86
								rank	19.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	1,63									
Angularity	-0,33									
Chest Width	0,61									
Body Depth	0,18									
Rump Angle	0,13									
Rear Legs Side View	-0,08									
Foot Angle	0,84									
Fore Udder Attachment	1,51									
Front Teat Placement	1,10									
Teat Length	-0,52									
Rear Udder Height	1,55									
Rear Udder Width	1,40									
Central Ligament	0,26									
Udder Depth	1,36									
Rump Width	0,59									
Rear Legs Rear View	0,79									
Rear Teat Placement	1,33									
Locomotion	1,47									
Body Condition	-0,07									

daught. average

86,5	Frame	1,67
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81,2	Dairy Strength	0,00
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84,4	Feet & Legs	1,34
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80,7	Udder	1,53
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	SHI	162,0
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rank 24.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
PARILE LOTO-ET	CA000106217585	01.12.2009	BS-059
Country of origin	CA	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	04.08.2010
		CA	DC261188

Pedigree

Sire	PGS	ROSE-BAUM TABOO-ET
ENSENADA TABOO PLANET-ET		US000017121203
US000060597003	PGD	PLUSHANSKI AMEL PATTY-ET
BS-050		US000130161039
Dam	MGS	BRAEDALE GOLDWYN-ET
LA PRESENTATION LEONA-ET		CA000010705608
CA000103473215	MGD	LA PRESENTATION DAUREL-ET
		CA000006338056

Milk production data	SK 10/2018	Herds	14	Daug.	149	Rel.	93 %	SPI	2319
Number controls		BV		Milk	Fat	%	Prot.	%	rank
2212				522	16	-0,07	18	0,03	SCS
									rank
									279.

Type data	SHA 10/2018	Herds	5 / 2	Daug.	17	82,1	Rel.	58 %	TYPE	1,85
									rank	20.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,78									
Angularity	0,49									
Chest Width	0,12									
Body Depth	-0,47									
Rump Angle	-0,54									
Rear Legs Side View	-0,24									
Foot Angle	0,76									
Fore Udder Attachment	2,19									
Front Teat Placement	0,89									
Teat Length	-1,14									
Rear Udder Height	2,13									
Rear Udder Width	1,49									
Central Ligament	1,71									
Udder Depth	1,63									
Rump Width	0,19									
Rear Legs Rear View	0,60									
Rear Teat Placement	1,29									
Locomotion	1,20									
Body Condition	-0,39									

daught. average

86,8	Frame	0,80
81,4	Dairy Strength	0,00
84,4	Feet & Legs	0,86
79,2	Udder	2,19
	SHI	143,8
	rank	34.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
EMERALD-ACR-SA T-BAXTER	US000132973942	07.04.2002	EMY-019
Country of origin	US	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	02.10.2006
		US	MO6020060

Pedigree

Sire	PGS	MJR BLACKSTAR EMORY-ET
FUSTEAD EMORY BLITZ-ET		US000002114601
US000017013604	PGD	FUSTEAD TESK BEV
		US000014947858
Dam	MGS	CAROL PRELUDE MTOTO-ET
EMERALD-ACR-SA T-MALLORY-ET		IT006001001962
US000130227821	MGD	EMERALD-ACR-SA TOOT-ET
		US000017077105

Milk production data	SK 10/2018	Herds	19	Daug.	510	Rel.	98 %	SPI	3099
Number controls		BV		Milk		Fat	%	Prot.	%
8084				943		33	-0,06	14	-0,29
								SCS	3,25
								rank	41.
								rank	891.

Type data	SHA 10/2018	Herds	7 / 5	Daug.	30	81,8	Rel.	79 %	TYPE	1,84
									rank	21.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	1,27									
Angularity	0,68									
Chest Width	0,22									
Body Depth	1,23									
Rump Angle	0,38									
Rear Legs Side View	-0,91									
Foot Angle	1,18									
Fore Udder Attachment	-0,19									
Front Teat Placement	-0,28									
Teat Length	1,33									
Rear Udder Height	0,76									
Rear Udder Width	1,67									
Central Ligament	2,17									
Udder Depth	-0,51									
Rump Width	-0,43									
Rear Legs Rear View	0,83									
Rear Teat Placement	1,74									
Locomotion	0,10									
Body Condition	-0,82									

daught. average

83,8	Frame	1,16
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81,9	Dairy Strength	1,58
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84,0	Feet & Legs	1,24
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79,6	Udder	1,19
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	SHI	167,2
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rank 20.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
SILDAHL JETT AIR-ET	US000138974820	28.12.2007	EMY-020
Country of origin	US	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	17.09.2008
		CA	DC215787

Pedigree

Sire	PGS	FUSTEAD EMORY BLITZ-ET
EMERALD-ACR-SA T-BAXTER		US000017013604
US000132973942	PGD	EMERALD-ACR-SA T-MALLORY-ET
EMY-019		US000130227821
Dam	MGS	MARA-THON BW MARSHALL-ET TV
SILDAHL AIR MARSHALL		US000002290977
US000135514896	MGD	SILDAHL MANFRED AIR ATTACK
		US000127745181

Milk production data	SK 10/2018	Herds	26	Daug.	528	Rel.	98 %	SPI	1060
Number controls		BV		Milk		Fat	%	rank	260.
5935				421		15	-0,03	1	-0,25
								SCS	2,40
								rank	48.

Type data	SHA 10/2018	Herds	32 / 10	Daug.	209	82,1	Rel.	92 %	TYPE	1,83
								rank	22.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,36									
Angularity	0,74									
Chest Width	-0,06									
Body Depth	0,19									
Rump Angle	0,38									
Rear Legs Side View	-0,28									
Foot Angle	0,89									
Fore Udder Attachment	1,29									
Front Teat Placement	0,28									
Teat Length	1,45									
Rear Udder Height	1,99									
Rear Udder Width	1,33									
Central Ligament	1,03									
Udder Depth	0,94									
Rump Width	0,36									
Rear Legs Rear View	2,82									
Rear Teat Placement	1,64									
Locomotion	1,88									
Body Condition	-0,56									

daught. average

84,8	Frame	0,39
81,9	Dairy Strength	0,65
83,7	Feet & Legs	2,47
80,0	Udder	1,75
	SHI	105,3
	rank	104.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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Bull name	Registration number	Birth date	State Register
MISTER LANARK-ET	US000133618576	13.11.2002	MSN-005
Country of origin	US	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	31.10.2003
		CA	DC106755

Pedigree

Sire	PGS	SHOREMAR MASON-ET	
COMESTAR LHEROS-ET		CA000005279989	LID-001
CA000006663935	PGD	COMESTAR LAURA BLACK-ET	
MSN-006		CA000005319783	
Dam	MGS	OLIVEHOLME AEROLINE-ET	
CARLOW AEROLINE LASSIE		CA000005429693	ARS-022
CA000010607099	MGD	CARLOW LEADER 174	
		CA000006876423	

Milk production data	SK 10/2018	Herds	11	Daug.	138	Rel.	95 %	SPI	-730
Number controls		BV		Milk		Fat	%	Prot.	%
2555				-267		-5	0,10	-4	0,10
								SCS	2,99
								rank	622.
								rank	556.

Type data	SHA 10/2018	Herds	15 / 5	Daug.	71	80,0	Rel.	82 %	TYPE	1,81
									rank	23.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	1,86									
Angularity	0,80									
Chest Width	-0,34									
Body Depth	0,44									
Rump Angle	1,90									
Rear Legs Side View	-0,24									
Foot Angle	1,03									
Fore Udder Attachment	-0,07									
Front Teat Placement	0,37									
Teat Length	0,22									
Rear Udder Height	2,08									
Rear Udder Width	1,79									
Central Ligament	0,43									
Udder Depth	-0,27									
Rump Width	1,33									
Rear Legs Rear View	-0,20									
Rear Teat Placement	1,32									
Locomotion	0,48									
Body Condition	-0,10									

daught. average

84,7	Frame	1,61
79,7	Dairy Strength	1,03
80,2	Feet & Legs	0,70
77,8	Udder	1,37
	SHI	50,3
	rank	261.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
CALBRETT-I H H CHAMPION-ET	CA000006961162	06.08.1997	RUH-002
Country of origin	CA	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	

Pedigree

Sire	PGS	MADAWASKA AEROSTAR	
STARTMORE RUDOLPH-ET		CA000000383622	STB-011
CA000005470579	PGD	STARTMORE RACHELLE-ET	
ARS-015		CA000004324253	
Dam	MGS	TO-MAR HORTON-ET	
SKYS-THE-LIMIT CLAIRE-ET		US000002007299	VAO-003
US000015386863	MGD	COOKS-VALLEY L-MAN CURLY-ET	
		US000014289247	

Milk production data	SK 10/2018	Herds	37	Daug.	143	Rel.	96 %	SPI	2119
Number controls		BV		Milk		Fat		rank	111.
2573				688		20	-0,12	Prot.	10
								SCS	2,71
								rank	200.

Type data	SHA 10/2018	Herds	13 / 6	Daug.	65	79,5	Rel.	85 %	TYPE	1,77
								rank	24.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	1,82									
Angularity	2,26									
Chest Width	-1,10									
Body Depth	0,87									
Rump Angle	1,08									
Rear Legs Side View	-0,41									
Foot Angle	-1,17									
Fore Udder Attachment	-0,01									
Front Teat Placement	-0,37									
Teat Length	0,09									
Rear Udder Height	1,96									
Rear Udder Width	2,01									
Central Ligament	-0,76									
Udder Depth	0,24									
Rump Width	0,52									
Rear Legs Rear View	0,28									
Rear Teat Placement	-0,50									
Locomotion	0,56									
Body Condition	-1,58									

daught. average

81,6	Frame	1,62
80,7	Dairy Strength	2,62
77,6	Feet & Legs	-0,67
78,7	Udder	1,24
	SHI	134,9
	rank	44.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
MORNINGVIEW ARMSTRONG-ET	US000063927725	01.11.2006	BW-051

Country of origin	US	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	21.09.2007
		US	M07030936

Pedigree

Sire	PGS	MARA-THON BW MARSHALL-ET TV
JENNY-LOU MRSHL TOYSTORY-ET		US000002290977
US000060372887	PGD	JENNY-LOU PATRON TOYANE
BW-053		US000017313307
Dam	MGS	O-BEE MANFRED JUSTICE-ET
MORNINGVIEW OMAN ANNETTE-ET		US000122358313
US000136212368	MGD	MORNINGVIEW MTOTO APRIL
		US000130604679

Milk production data	SK 10/2018	Herds	33	Daug.	1069	Rel.	99 %	SPI	1076
Number controls		BV		Milk		Fat	%	Prot.	%
19538				109		27	0,40	3	-0,01
								SCS	2,45
								rank	255.
								rank	64.

Type data	SHA 10/2018	Herds	96 / 22	Daug.	641	81,5	Rel.	97 %	TYPE	1,77
									rank	25.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	1,16									
Angularity	-0,05									
Chest Width	0,85									
Body Depth	1,19									
Rump Angle	0,77									
Rear Legs Side View	-0,99									
Foot Angle	0,60									
Fore Udder Attachment	-0,31									
Front Teat Placement	1,04									
Teat Length	0,76									
Rear Udder Height	0,62									
Rear Udder Width	1,72									
Central Ligament	0,25									
Udder Depth	0,26									
Rump Width	0,75									
Rear Legs Rear View	1,82									
Rear Teat Placement	1,22									
Locomotion	0,75									
Body Condition	0,01									

daught. average

85,7	Frame	1,51
81,7	Dairy Strength	0,84
83,0	Feet & Legs	1,41
78,7	Udder	1,14
	SHI	103,3
	rank	109.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
DOBRONIN JALLIE-ET	CZ000507265061	13.10.2005	BW-032
Country of origin	CZ	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	08.11.2006
		CZ	0600654

Pedigree

Sire	PGS	MAIZEFIELD BELLWOOD-ET	
MARA-THON BW MARSHALL-ET TV		US000002103297	MEW-004
US000002290977	PGD	MORGAN VALLEY ELTON MARA	
		US000014840387	
Dam	MGS	STOUDER MORTY-ET	
NOR-BERT MORTY CALLIE-ET		US000017349617	FOM-004
US000133754328	MGD	NORDIC-HAVEN MTO CALICO-ET	
		US000126142622	

Milk production data	SK 10/2018	Herds	15	Daug.	85	Rel.	92 %	SPI	386
Number controls		BV		Milk		Fat	%	rank	383.
1622				485		-1	-0,50	SCS	3,03
						-0	-0,31	rank	599.

Type data	SHA 10/2018	Herds	12 / 7	Daug.	25	80,8	Rel.	64 %	TYPE	1,76
								rank	26.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	1,04									
Angularity	0,76									
Chest Width	0,20									
Body Depth	0,78									
Rump Angle	-0,11									
Rear Legs Side View	-1,01									
Foot Angle	1,61									
Fore Udder Attachment	0,63									
Front Teat Placement	2,76									
Teat Length	0,23									
Rear Udder Height	1,11									
Rear Udder Width	1,65									
Central Ligament	0,13									
Udder Depth	0,02									
Rump Width	0,81									
Rear Legs Rear View	0,17									
Rear Teat Placement	2,29									
Locomotion	1,06									
Body Condition	-1,07									

daught. average

84,3	Frame	1,16
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80,7	Dairy Strength	1,29
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82,7	Feet & Legs	1,57
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78,3	Udder	1,12
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	SHI	82,1
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rank 157.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
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Bull name	Registration number	Birth date	State Register
CNN SUNSET-ET	DE000537752870	20.06.2013	SRE-001

Country of origin	DE	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	12.07.2013
		DE	13/38370

Pedigree

Sire	PGS	ROYLANE SOCRA ROBUST-ET
SEAGULL-BAY SUPERSIRE-ET		US000064966739
US000069981349	PGD	AMMON-PEACHEY SHAUNA-ET
EMY-028		US000066228178
Dam	MGS	PICSTON SHOTTLE-ET
NOVA SHOTTLE EVELYN-ET		GB000000598172
US000066452835	MGD	NOVA-TMJ GOLDEN EDIE-ETS
		US000137735523

Milk production data	SK 10/2018	Herds	37	Daug.	367	Rel.	96 %	SPI	2735
Number controls		BV		Milk		Fat	%	Prot.	%
1951				474	28	0,17	20	0,10	SCS
									rank
									62.
									rank
									166.

Type data	SHA 10/2018	Herds	30 / 15	Daug.	133	81,8	Rel.	88 %	TYPE	1,76
									rank	27.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,82									
Angularity	1,88									
Chest Width	-0,71									
Body Depth	-0,18									
Rump Angle	-1,01									
Rear Legs Side View	-1,20									
Foot Angle	0,06									
Fore Udder Attachment	2,44									
Front Teat Placement	-0,46									
Teat Length	0,83									
Rear Udder Height	2,74									
Rear Udder Width	0,70									
Central Ligament	1,39									
Udder Depth	2,12									
Rump Width	-0,32									
Rear Legs Rear View	0,11									
Rear Teat Placement	1,05									
Locomotion	0,85									
Body Condition	-0,00									

daught. average

85,3	Frame	0,47
81,6	Dairy Strength	1,53
82,5	Feet & Legs	0,88
79,9	Udder	2,01
	SHI	152,9
	rank	32.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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Bull name	Registration number	Birth date	State Register
ERASMUS	DE000578615629	13.03.1999	END-001
Country of origin	DE	Breed	R100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	14.12.1999
		NLD	0578615629

Pedigree

Sire	PGS	MARCREST ENCORE	
SCIENTIFIC ENDICOT		US000002048702	
US000017125134	PGD	SCIENTIFIC CHRISTMS STAR-ET	
		US000014701209	
Dam	MGS	RONNYBROOK PRELUDE-ET	STB-016
GLORIA		CA000000392457	
DE000576636081	MGD	GEORGINA	
		DE000506054703	

Milk production data	SK 10/2018	Herds	42	Daug.	92	Rel.	93 %	SPI	-1023
Number controls		BV		Milk		Fat	%	Prot.	%
1870				-258		-1	0,15	-1	-0,04
								SCS	3,38
								rank	1037.

Type data	SHA 10/2018	Herds	7 / 4	Daug.	16	78,6	Rel.	54 %	TYPE	1,76
									rank	28.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,57									
Angularity	1,23									
Chest Width	0,32									
Body Depth	0,75									
Rump Angle	-1,15									
Rear Legs Side View	-1,39									
Foot Angle	1,16									
Fore Udder Attachment	0,17									
Front Teat Placement	1,39									
Teat Length	-0,72									
Rear Udder Height	0,53									
Rear Udder Width	0,78									
Central Ligament	1,53									
Udder Depth	0,00									
Rump Width	1,04									
Rear Legs Rear View	0,46									
Rear Teat Placement	1,59									
Locomotion	1,27									
Body Condition	0,12									

daught. average

79,3	Frame	0,80
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78,9	Dairy Strength	1,69
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79,8	Feet & Legs	1,25
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77,3	Udder	1,05
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	SHI	39,5
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rank 301.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
EMOTION	FR007233531829	04.05.2009	FOM-029
Country of origin	FR	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	10.05.2010
		FR	F/S 540586

Pedigree

Sire	PGS	STOUDER MORTY-ET
ANDACRES MORTY ONWARD		US000017349617
US000134361093	PGD	ANDACRES OUTSIDE OPHRAH
		US000129384254
Dam	MGS	ROTHENEUF
CATALANE		FR005360661767
FR005344215675	MGD	FR005344215386

Milk production data	SK 10/2018	Herds	18	Daug.	85	Rel.	91 %	SPI	2153
Number controls		BV		Milk		Fat	%	rank	105.
1500				713		8	-0,33	SCS	2,96
								rank	504.

Type data	SHA 10/2018	Herds	15 / 9	Daug.	50	80,9	Rel.	74 %	TYPE	1,76
								rank	29.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,29									
Angularity	-0,40									
Chest Width	1,65									
Body Depth	-0,08									
Rump Angle	0,52									
Rear Legs Side View	-0,94									
Foot Angle	1,93									
Fore Udder Attachment	0,03									
Front Teat Placement	0,08									
Teat Length	0,54									
Rear Udder Height	-0,03									
Rear Udder Width	1,82									
Central Ligament	0,63									
Udder Depth	-1,09									
Rump Width	1,53									
Rear Legs Rear View	1,09									
Rear Teat Placement	-0,21									
Locomotion	0,92									
Body Condition	1,08									

daught. average

85,0	Frame	0,77
81,2	Dairy Strength	0,41
83,1	Feet & Legs	2,19
77,5	Udder	1,14
	SHI	135,3
	rank	43.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
FERDINAND-ET	DE000342474093	08.04.1998	FOM-002
Country of origin	DE	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	06.07.1998
		DEU	98/8323

Pedigree

Sire	PGS	ROTHROCK TRADITION LEADMAN
SHEN-VAL NV LM FORMATION-ET	US000001983348	TDN-004
US000002163822	PGD	SHEN-VAL MARK FAY
LAD-009	US000013008118	
Dam	MGS	TO-MAR BLACKSTAR-ET
GLORA	US000001929410	CHR-002
DE000021140862	MGD	GLORIA
	DE001020728770	

Milk production data	SK 10/2018	Herds	106	Daug.	1136	Rel.	99 %	SPI	-1440
Number controls		BV		Milk		Fat		rank	794.
21698				-143		-11	-0,11	SCS	2,62
						-15	-0,24	rank	143.

Type data	SHA 10/2018	Herds	21 / 12	Daug.	163	78,7	Rel.	91 %	TYPE	1,75
								rank	30.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,02									
Angularity	1,33									
Chest Width	0,00									
Body Depth	1,46									
Rump Angle	-0,93									
Rear Legs Side View	0,71									
Foot Angle	-0,21									
Fore Udder Attachment	1,69									
Front Teat Placement	2,85									
Teat Length	-0,86									
Rear Udder Height	1,78									
Rear Udder Width	0,72									
Central Ligament	0,95									
Udder Depth	1,01									
Rump Width	-0,78									
Rear Legs Rear View	-0,19									
Rear Teat Placement	2,98									
Locomotion	-1,22									
Body Condition	-1,09									

daught. average

81,1	Frame	0,02
79,1	Dairy Strength	2,02
77,2	Feet & Legs	-0,78
78,0	Udder	2,77
	SHI	26,7
	rank	339.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
AGROCONTRACT DYNAMITE ERIK	SK000801096777	30.12.2009	LAB-006

Country of origin	SK	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	09.06.2010
		SK	0464/11

Pedigree

Sire	PGS	WELCOME GARTER-ET	
OH-RYAN GARTER DYNAMITE-ET		US000017131025	LAB-002
US000133381795	PGD	KINBUR STORMY DELLA-ET	
LAB-004		US000122162633	
Dam	MGS	SILDAHL BW DUTCH BOY-ET	
SK000800166521		US000017058140	BW-016
	MGD	SK000511454609	

Milk production data	SK 10/2018	Herds	56	Daug.	797	Rel.	99 %	SPI	-409
Number controls		BV		Milk		Fat	%	Prot.	%
14629				396	-20	-0,63	-6	-0,38	
								SCS	3,17
								rank	785.

Type data	SHA 10/2018	Herds	111 / 21	Daug.	426	82,2	Rel.	96 %	TYPE	1,74
									rank	31.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,67									
Angularity	0,41									
Chest Width	0,16									
Body Depth	0,36									
Rump Angle	0,61									
Rear Legs Side View	-1,99									
Foot Angle	1,50									
Fore Udder Attachment	0,49									
Front Teat Placement	-0,40									
Teat Length	2,40									
Rear Udder Height	1,55									
Rear Udder Width	1,28									
Central Ligament	1,62									
Udder Depth	0,51									
Rump Width	0,89									
Rear Legs Rear View	0,66									
Rear Teat Placement	0,16									
Locomotion	1,53									
Body Condition	0,74									

daught. average

85,2	Frame	0,80
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81,5	Dairy Strength	0,44
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84,2	Feet & Legs	2,16
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80,0	Udder	1,51
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	SHI	57,1
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rank 238.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
TIMLYNN ADAM-ET	US000017365628	23.04.1997	RUH-009
Country of origin	US	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	30.10.1997
		USA	IG237263A

Pedigree

Sire	PGS	MADAWASKA AEROSTAR
STARTMORE RUDOLPH-ET		CA000000383622
CA000005470579	PGD	STARTMORE RACHELLE-ET
ARS-015		CA000004324253
Dam	MGS	STARDELL VALIANT WINKEN-ET
TIMLYNN WINKEN APRIL-ET		US000001881163
US0000015395352	MGD	MISS MELJENTA B-STAR ARPIL
		US0000014132502

Milk production data	SK 10/2018	Herds	55	Daug.	684	Rel.	99 %	SPI	1222
Number controls		BV		Milk		Fat	%	rank	233.
14093				460		-1	-0,48	13	-0,03
								SCS	3,13
								rank	728.

Type data	SHA 10/2018	Herds	53 / 19	Daug.	355	79,7	Rel.	96 %	TYPE	1,73
								rank	32.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	1,80									
Angularity	1,68									
Chest Width	-1,18									
Body Depth	-1,24									
Rump Angle	0,37									
Rear Legs Side View	-1,74									
Foot Angle	0,47									
Fore Udder Attachment	1,26									
Front Teat Placement	1,15									
Teat Length	-2,19									
Rear Udder Height	0,84									
Rear Udder Width	0,24									
Central Ligament	1,23									
Udder Depth	1,14									
Rump Width	-1,00									
Rear Legs Rear View	0,97									
Rear Teat Placement	2,12									
Locomotion	1,16									
Body Condition	-1,21									

daught. average

82,9	Frame	1,15
79,6	Dairy Strength	1,20
79,3	Feet & Legs	1,17
78,3	Udder	1,37
	SHI	106,0
	rank	100.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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Bull name	Registration number	Birth date	State Register
MAGOR EMERGENCE-ET	HU003250557036	23.11.2005	MAS-018
Country of origin	HU	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	18.05.2006
		HU	85817

Pedigree

Sire	PGS	CESAR MASCOT VALENTEIN-ET
COMPOGALLO PG TRESOR-ET		IT000908008098
IT251099028156	PGD	CAMPOGALLO F PG 324-ET
		IT002503000083
Dam	MGS	REGANCREST ELTON DURHAM-ET
DELABERGE DURHAM LUCIOLE		US000002250783
CA000009217393	MGD	BRYHILL RUDOLPH LULU-ET
		CA000006765448

Milk production data	SK 10/2018	Herds	16	Daug.	96	Rel.	93 %	SPI	1322
Number controls		BV		Milk		Fat	%	rank	208.
1766				421		2	-0,25	SCS	3,44
						10	-0,06	rank	1092.

Type data	SHA 10/2018	Herds	5 / 3	Daug.	15	80,7	Rel.	50 %	TYPE	1,72
								rank	33.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,54									
Angularity	-0,77									
Chest Width	1,04									
Body Depth	1,65									
Rump Angle	0,09									
Rear Legs Side View	-0,19									
Foot Angle	-0,71									
Fore Udder Attachment	1,36									
Front Teat Placement	0,76									
Teat Length	-0,54									
Rear Udder Height	1,91									
Rear Udder Width	1,52									
Central Ligament	1,59									
Udder Depth	0,97									
Rump Width	0,83									
Rear Legs Rear View	0,89									
Rear Teat Placement	0,34									
Locomotion	0,09									
Body Condition	-0,08									

daught. average

84,2 **Frame** **0,94**

80,5 **Dairy Strength** **0,69**

79,1 **Feet & Legs** **-0,22**

79,7 **Udder** **2,34**

SHI **108,8**

rank 94.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
MEFISTO-ET	DE000352239293	10.10.2008	EMY-014
Country of origin	DE	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	03.02.2009
		DE	09/31796

Pedigree

Sire	PGS	FUSTEAD EMORY BLITZ-ET
EMERALD-ACR-SA T-BAXTER		US000017013604
US000132973942	PGD	EMERALD-ACR-SA T-MALLORY-ET
EMY-019		US000130227821
Dam	MGS	O-BEE MANFRED JUSTICE-ET
RALMA CHRISTMAS COOKIE-ET		US000122358313
US000052357927	MGD	RALMA CHRISTMAS FUDGE-ET
		US000051547373

Milk production data	SK 10/2018	Herds	14	Daug.	182	Rel.	94 %	SPI	4361
Number controls		BV		Milk		Fat	%	rank	12.
1809				1175		33	-0,20	SCS	2,85
								rank	353.

Type data	SHA 10/2018	Herds	5 / 3	Daug.	12	80,0	Rel.	55 %	TYPE	1,71
								rank	34.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	1,08									
Angularity	-0,40									
Chest Width	1,73									
Body Depth	2,87									
Rump Angle	0,29									
Rear Legs Side View	-1,40									
Foot Angle	0,96									
Fore Udder Attachment	-0,19									
Front Teat Placement	0,42									
Teat Length	0,47									
Rear Udder Height	-0,80									
Rear Udder Width	0,99									
Central Ligament	2,06									
Udder Depth	-1,56									
Rump Width	0,94									
Rear Legs Rear View	-0,33									
Rear Teat Placement	0,49									
Locomotion	1,54									
Body Condition	0,92									

daught. average

86,0	Frame	1,75
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82,2	Dairy Strength	1,66
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82,8	Feet & Legs	1,56
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74,8	Udder	0,39
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	SHI	199,9
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rank 9.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
WOODMARSH METALIC-ET	GB305947400762	25.10.2004	SOM-029
Country of origin	GB	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	18.05.2005
		NL	126757

Pedigree

Sire	PGS	MAUGHLIN STORM-ET
HARTLINE TITANIC-ET		CA000005457798
US000123066734	PGD	DOCO LEADMAN TENACIOUS
SOM-007		US000014734618
Dam	MGS	CAROL PRELUDE MTOTO-ET
WOODMARSH MTOTO MELODY 7-ET		IT006001001962
GB000046702774	MGD	WOODMARSH FORMATION MELODY 4-ET
		GB000046702457

Milk production data	SK 10/2018	Herds	68	Daug.	1508	Rel.	99 %	SPI	955
Number controls		BV		Milk		Fat	%	rank	288.
31053				441	5	-0,21	3	SCS	2,45
								rank	62.

Type data	SHA 10/2018	Herds	84 / 24	Daug.	593	81,6	Rel.	97 %	TYPE	1,70
								rank	35.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	1,16									
Angularity	0,53									
Chest Width	-0,31									
Body Depth	-0,50									
Rump Angle	0,14									
Rear Legs Side View	-1,53									
Foot Angle	0,98									
Fore Udder Attachment	1,90									
Front Teat Placement	0,83									
Teat Length	-1,87									
Rear Udder Height	1,04									
Rear Udder Width	0,24									
Central Ligament	1,24									
Udder Depth	1,01									
Rump Width	0,17									
Rear Legs Rear View	0,42									
Rear Teat Placement	0,68									
Locomotion	1,10									
Body Condition	-0,53									

daught. average

85,5	Frame	1,01
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81,0	Dairy Strength	0,06
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82,9	Feet & Legs	1,79
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79,2	Udder	1,60
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	SHI	96,9
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rank 120.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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Bull name	Registration number	Birth date	State Register
WABASH-WAY EXPLODE-ET	US000138905680	23.12.2007	LU-039
Country of origin	US	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	24.06.2008
		US	M08040524

Pedigree

Sire	PGS	LEXVOLD LUKE HERSHEL-ET	
SANDY-VALLEY BOLTON-ET		US000002294436	LU-013
US000131823833	PGD	SANDY-VALLEY BLESSING-ET	
		US000128824973	
Dam	MGS	PICSTON SHOTTLE-ET	
WABASH-WAY EMILYANN-ET		GB000000598172	PEL-033
US000137044405	MGD	CROCKETT-ACRES ELITA-ET	
		US000136012191	

Milk production data	SK 10/2018	Herds	13	Daug.	132	Rel.	95 %	SPI	1702
Number controls		BV		Milk		Fat	%	Prot.	%
2978				636	2	-0,39	12	-0,16	SCS
									rank
									151.
									2,25
									rank
									21.

Type data	SHA 10/2018	Herds	28 / 9	Daug.	79	81,7	Rel.	84 %	TYPE	1,68
									rank	36.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	2,41									
Angularity	-0,20									
Chest Width	0,84									
Body Depth	0,58									
Rump Angle	2,20									
Rear Legs Side View	0,85									
Foot Angle	0,01									
Fore Udder Attachment	2,35									
Front Teat Placement	1,92									
Teat Length	-0,64									
Rear Udder Height	1,39									
Rear Udder Width	0,05									
Central Ligament	0,51									
Udder Depth	2,35									
Rump Width	1,51									
Rear Legs Rear View	0,08									
Rear Teat Placement	1,48									
Locomotion	-0,68									
Body Condition	0,59									

daught. average

86,8	Frame	2,43
81,9	Dairy Strength	0,52
81,8	Feet & Legs	-0,18
79,1	Udder	1,05
	SHI	118,6
	rank	72.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
DELUXO-ET	DE000355140506	27.08.2011	PEL-056

Country of origin	DE	Breed	R100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	07.09.2011
		DE	11/7409

Pedigree

Sire	PGS	PICSTON SHOTTLE-ET	
OUR-FAVORITE DETOX-ET		GB000000598172	PEL-033
US000139877537	PGD	SCIENTIFIC GOLD DISH RAE-ET	
		US000138106951	
Dam	MGS	EMERALD-ACR-SA T-BAXTER	
KHW-I AIKA BAXTER-ET		US000132973942	EMY-019
CA000105054246	MGD	KHW GOLDWYN AIKO-ET	
		US000137658044	

Milk production data	SK 10/2018	Herds	40	Daug.	406	Rel.	96 %	SPI	2458
Number controls		BV		Milk		Fat		%	Prot.
2965				409		33		0,29	16
								0,05	16
								SCS	2,18
								rank	15.

Type data	SHA 10/2018	Herds	6 / 4	Daug.	11	81,0	Rel.	46 %	TYPE	1,66
									rank	37.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	1,19									
Angularity	1,25									
Chest Width	0,11									
Body Depth	0,64									
Rump Angle	0,51									
Rear Legs Side View	-0,58									
Foot Angle	-0,53									
Fore Udder Attachment	1,27									
Front Teat Placement	0,11									
Teat Length	-0,79									
Rear Udder Height	0,44									
Rear Udder Width	0,22									
Central Ligament	1,37									
Udder Depth	1,11									
Rump Width	-0,75									
Rear Legs Rear View	1,07									
Rear Teat Placement	1,33									
Locomotion	1,13									
Body Condition	-1,01									

daught. average	85,2	Frame	1,30
	80,9	Dairy Strength	1,18
	83,5	Feet & Legs	0,63
	77,8	Udder	1,31
		SHI	140,7
		rank	37.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
OMANOMAN-ET	DE000353589527	20.01.2010	MED-026
Country of origin	DE	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	07.10.2010
		DE	10/45087

Pedigree

Sire	PGS	O-BEE MANFRED JUSTICE-ET
LONG-LANGS OMAN OMAN-ET		US000122358313
US000135746776	PGD	WINNING-WAY MARCI-ET
		US000130677626
Dam	MGS	PICSTON SHOTTLE-ET
RR ELISA		GB000000598172
DE000351144044	MGD	BROEKS MBM ELSA-ET
		CZ000007434921

Milk production data	SK 10/2018	Herds	22	Daug.	331	Rel.	97 %	SPI	3342
Number controls		BV		Milk		Fat	%	Prot.	%
3497				569		43	0,34	22	0,07
								rank	30.
								SCS	2,97
								rank	516.

Type data	SHA 10/2018	Herds	10 / 7	Daug.	50	81,5	Rel.	75 %	TYPE	1,66	
										rank	38.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	1,25									
Angularity	0,93									
Chest Width	-0,86									
Body Depth	-1,22									
Rump Angle	0,59									
Rear Legs Side View	-1,45									
Foot Angle	1,77									
Fore Udder Attachment	1,40									
Front Teat Placement	1,90									
Teat Length	-0,15									
Rear Udder Height	1,15									
Rear Udder Width	0,31									
Central Ligament	2,19									
Udder Depth	1,20									
Rump Width	-0,03									
Rear Legs Rear View	-1,50									
Rear Teat Placement	2,22									
Locomotion	1,61									
Body Condition	0,05									

daught. average

84,8	Frame	0,83
81,0	Dairy Strength	-0,55
83,0	Feet & Legs	1,97
79,4	Udder	1,70
	SHI	167,3
	rank	19.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
WILLEM S HOEVE WH RIMAN-ET	NL000920911538	30.10.2013	BKM-002
Country of origin	NL	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	30.04.2014
		DE	14/8067

Pedigree

Sire	PGS	DE-SU 521 BOOKEM-ET
VAL-BISSON DOORMAN-ET		US000066636657
CA000107281711	PGD	VAL-BISSON SHOTTLE IMELDA-ET
		CA000106173432
Dam	MGS	FLEVO GENETICS SNOWMAN-ET
WILLEM S HOEVE RITA 3248-ET		NL000388965513
NL000881332481	MGD	WILLEM S HOEVE RITA 0497-ET
		NL000694704974

Milk production data	SK 10/2018	Herds	20	Daug.	190	Rel.	92 %	SPI	3887
Number controls		BV		Milk		Fat	%	rank	19.
885				961		34	-0,06	SCS	1,90
						25	-0,09	rank	1.

Type data	SHA 10/2018	Herds	12 / 4	Daug.	49	83,6	Rel.	72 %	TYPE	1,66
								rank	39.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,68									
Angularity	0,49									
Chest Width	0,81									
Body Depth	0,72									
Rump Angle	-0,53									
Rear Legs Side View	-0,52									
Foot Angle	1,60									
Fore Udder Attachment	1,73									
Front Teat Placement	0,69									
Teat Length	0,24									
Rear Udder Height	1,68									
Rear Udder Width	0,00									
Central Ligament	1,43									
Udder Depth	1,18									
Rump Width	0,84									
Rear Legs Rear View	0,42									
Rear Teat Placement	0,69									
Locomotion	0,79									
Body Condition	0,06									

daught. average

87,4	Frame	0,86
83,2	Dairy Strength	1,09
84,9	Feet & Legs	1,42
81,2	Udder	1,14
	SHI	183,7
	rank	15.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
ALOBER AUDINI	CA000102155912	28.05.2003	EMY-010
Country of origin	CA	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	07.05.2004
		CA	DC117723

Pedigree

Sire	PGS	MJR BLACKSTAR EMORY-ET
CANYON-BREEZE ALLEN-ET		US000002114601
US000017129288	PGD	CANYON-BREEZE WST AMBER-ET
		US000014706235
Dam	MGS	SHEN-VAL NV LM FORMATION-ET
GRYPHGEN ALEXA-ET		US000002163822 LAD-009
CA000010723154	MGD	ALTAGEN PRELUDE ANGIE-ET
		CA000006066507

Milk production data	SK 10/2018	Herds	20	Daug.	155	Rel.	95 %	SPI	1234
Number controls		BV		Milk		Fat		rank	228.
3007				255		15	0,08	SCS	2,74
						7	-0,02	rank	236.

Type data	SHA 10/2018	Herds	11 / 5	Daug.	65	81,0	Rel.	80 %	TYPE	1,66
								rank	40.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	1,82									
Angularity	0,94									
Chest Width	1,62									
Body Depth	1,44									
Rump Angle	-0,21									
Rear Legs Side View	-0,35									
Foot Angle	0,00									
Fore Udder Attachment	0,07									
Front Teat Placement	0,83									
Teat Length	-0,04									
Rear Udder Height	0,27									
Rear Udder Width	-0,11									
Central Ligament	0,37									
Udder Depth	1,17									
Rump Width	1,40									
Rear Legs Rear View	-0,57									
Rear Teat Placement	0,66									
Locomotion	1,12									
Body Condition	-0,33									

daught. average

87,0	Frame	2,30
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82,1	Dairy Strength	2,10
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81,1	Feet & Legs	0,02
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77,5	Udder	0,37
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	SHI	103,6
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rank 108.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	REGANCREST-LH MODEST-ET	Registration number	US000207124561	Birth date	14.09.1999	State Register	ELN-010
Country of origin	US	Breed	H100				
Distributor	INSEMAS s.r.o.	Herdbook	HA				
		Paternity	16.02.2001				
		CAN	BTIG265411A				

Pedigree

Sire	REGANCREST ELTON DURHAM-ET US000002250783	PGS	EMPRISE BELL ELTON US000001912270
		PGD	SNOW-N DENISES DELLIA US000012895802
Dam	MEADOW BRIDGE AERO MISSY-ET CA000005940575	MGS	MADAWASKA AEROSTAR CA000000383622
		MGD	MEADOW BRIDGE MISCHIEF-ET CA000004466380

Milk production data	SK 10/2018	Herds	10	Daug.	44	Rel.	87 %	SPI	588
Number controls	813	BV		Milk	187	Fat	4	%	-0,07
		Prot.	3	%	-0,06	rank	348.		
		SCS			3,11	rank	704.		

Type data	SHA 10/2018	Herds	7 / 3	Daug.	12	80,4	Rel.	52 %	TYPE	1,64
		rank	41.							

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	1,79									
Angularity	0,55									
Chest Width	1,79									
Body Depth	1,58									
Rump Angle	0,72									
Rear Legs Side View	-0,15									
Foot Angle	-0,05									
Fore Udder Attachment	0,03									
Front Teat Placement	-0,51									
Teat Length	1,06									
Rear Udder Height	0,20									
Rear Udder Width	-0,61									
Central Ligament	0,99									
Udder Depth	0,88									
Rump Width	1,93									
Rear Legs Rear View	-0,37									
Rear Teat Placement	0,85									
Locomotion	2,07									
Body Condition	-0,70									

daught. average

86,2 **Frame** 2,33

82,1 **Dairy Strength** 1,83

80,3 **Feet & Legs** 1,15

77,0 **Udder** 0,24

SHI 83,5

rank 150.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
DIXIE-LEE AARON-ET	US000002265005	23.09.1994	LU-009
Country of origin	US	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	11.04.1995
		USA	IG209136A

Pedigree

Sire	PGS	BIS-MAY TRADITION CLEITUS
NORRIELAKE CLEITUS LUKE-TWIN	US000001879085	CLE-003
US000002071864	PGD	NORRIELAKE VALIANT CHEER-ET
CLE-005	US000012365669	
Dam	MGS	SINGING-BROOK N-BOY MASCOT-ET
DIXIE-LEE ASPEN-ET	US000002020049	NBY-011
US000014889171	MGD	PATRICK-ORCHARD MW ABBIE-ET
	US000014432720	

Milk production data	SK 10/2018	Herds	46	Daug.	521	Rel.	99 %	SPI	397
Number controls		BV		Milk		Fat	%	Prot.	%
10614				206		-8	-0,29	5	-0,04
								SCS	3,29
								rank	381.
								rank	935.

Type data	SHA 10/2018	Herds	58 / 22	Daug.	350	79,5	Rel.	96 %	TYPE	1,64
									rank	42.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,93									
Angularity	0,88									
Chest Width	-1,04									
Body Depth	-1,61									
Rump Angle	-0,25									
Rear Legs Side View	-2,30									
Foot Angle	1,55									
Fore Udder Attachment	1,44									
Front Teat Placement	1,51									
Teat Length	0,37									
Rear Udder Height	1,17									
Rear Udder Width	0,03									
Central Ligament	2,34									
Udder Depth	1,73									
Rump Width	0,39									
Rear Legs Rear View	2,20									
Rear Teat Placement	2,75									
Locomotion	2,70									
Body Condition	-1,35									

daught. average

82,1 **Frame** **0,37**

79,0 **Dairy Strength** **0,05**

79,9 **Feet & Legs** **3,02**

78,2 **Udder** **1,66**

SHI **77,7**

rank 169.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
LA PRESENTATION PICOLO RED-ET	CA000102327659	17.06.2004	SOM-026
Country of origin	CA	Breed	R100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	05.10.2004
		CA	DC126770

Pedigree

Sire	PGS	MAUGHLIN STORM-ET
PURSUIT SEPTEMBER STORM-ET		CA000005457798
CA000006820564	PGD	GLEN DRUMMOND SHIMMER-ET
SOM-024		CA000006185591
Dam	MGS	LENTINI-ET
LA PRESENTATION PICCOLIE		DE001012337003
CA000007306972	MGD	LA PRESENTATION RAMADA-ET
		CA000009098172

Milk production data	SK 10/2018	Herds	17	Daug.	287	Rel.	97 %	SPI	-61
Number controls		BV		Milk		Fat	%	Prot.	%
5446				50	-2	-0,09	-1	-0,06	rank
								SCS	2,40
								rank	43.

Type data	SHA 10/2018	Herds	13 / 3	Daug.	73	81,2	Rel.	81 %	TYPE	1,63
									rank	43.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	2,07									
Angularity	1,05									
Chest Width	-0,13									
Body Depth	0,65									
Rump Angle	-0,23									
Rear Legs Side View	-1,43									
Foot Angle	2,07									
Fore Udder Attachment	0,43									
Front Teat Placement	-0,27									
Teat Length	-0,50									
Rear Udder Height	0,27									
Rear Udder Width	-0,13									
Central Ligament	0,05									
Udder Depth	0,59									
Rump Width	-0,25									
Rear Legs Rear View	1,47									
Rear Teat Placement	0,40									
Locomotion	-1,17									
Body Condition	-1,35									

daught. average

86,6	Frame	2,00
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82,0	Dairy Strength	1,34
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83,7	Feet & Legs	1,49
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77,1	Udder	0,31
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	SHI	63,3
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rank 215.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
VALLEYRIVER JOYBOY	CA000010700348	09.09.1999	ATE-010

Country of origin	CA	Breed	R100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	15.01.2004
		CA	05/41776

Pedigree

Sire	PGS	DUREGAL ASTRE STARBUCK ET
MAPEL WOOD CLIFFHANGER		CA000000392405
CA000005858828	PGD	ARNELL BLACKSTAR DEBUTANTE
		CA000005439097
Dam	MGS	STARTMORE RUDOLPH-ET
SHOREMAR RE JOYCE-ET		CA000005470579
CA000006827450	MGD	HORIZON JOY
		CA000005156088

Milk production data	SK 10/2018	Herds	31	Daug.	116	Rel.	94 %	SPI	-878
Number controls		BV		Milk		Fat		rank	659.
2579				-185		-7	-0,02	SCS	2,61
						-6	-0,02	rank	135.

Type data	SHA 10/2018	Herds	8 / 4	Daug.	29	79,1	Rel.	67 %	TYPE	1,63
								rank	44.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,34									
Angularity	1,19									
Chest Width	-0,64									
Body Depth	-0,90									
Rump Angle	0,41									
Rear Legs Side View	-0,60									
Foot Angle	-0,34									
Fore Udder Attachment	1,17									
Front Teat Placement	1,50									
Teat Length	-0,19									
Rear Udder Height	1,02									
Rear Udder Width	1,62									
Central Ligament	0,56									
Udder Depth	0,91									
Rump Width	0,39									
Rear Legs Rear View	0,66									
Rear Teat Placement	1,34									
Locomotion	0,98									
Body Condition	-0,33									

daught. average

81,2	Frame	0,12
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79,3	Dairy Strength	1,37
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79,7	Feet & Legs	0,45
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77,8	Udder	1,86
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	SHI	38,6
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rank 305.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
COGENT DIEGO-ET	FR006950587963	23.08.2012	BKM-003
Country of origin	FR	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	08.04.2013
		DE	13/5327

Pedigree

Sire	PGS	ENSENADA TABOO PLANET-ET
DE-SU 521 BOOKEM-ET		US000060597003
US000066636657	PGD	CLEAR-ECHO 822 RAMO 1199-ET
BS-064		US000061765027
Dam	MGS	EMERALD-ACR-SA T-BAXTER
DAISY		US000132973942
FR004241304691	MGD	BALE
		FR004241164595

Milk production data	SK 10/2018	Herds	26	Daug.	334	Rel.	95 %	SPI	6614
Number controls		BV		Milk		Fat	%	rank	1.
1702				1575		39	-0,32	SCS	3,31
						52	0,05	rank	962.

Type data	SHA 10/2018	Herds	31 / 11	Daug.	150	82,3	Rel.	89 %	TYPE	1,62
								rank	45.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	2,46									
Angularity	-0,39									
Chest Width	0,44									
Body Depth	-0,00									
Rump Angle	-1,12									
Rear Legs Side View	0,08									
Foot Angle	1,05									
Fore Udder Attachment	0,87									
Front Teat Placement	0,53									
Teat Length	0,40									
Rear Udder Height	0,22									
Rear Udder Width	0,59									
Central Ligament	-0,10									
Udder Depth	1,53									
Rump Width	1,29									
Rear Legs Rear View	0,95									
Rear Teat Placement	0,19									
Locomotion	1,48									
Body Condition	-0,15									

daught. average

87,2	Frame	2,13
80,9	Dairy Strength	-0,21
83,6	Feet & Legs	1,87
79,9	Udder	0,49
	SHI	264,1
	rank	1.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
PENN-ENGLAND TEMPERATION-ET	US000060984935	16.03.2003	CHP-006

Country of origin	US	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	24.05.2004
		US	17535A

Pedigree

Sire	PGS	STARTMORE RUDOLPH-ET
CALBRETT-I H H CHAMPION-ET		CA000005470579
CA000006961162	PGD	SKYS-THE-LIMIT CLAIRE-ET
RUH-002		US000015386863
Dam	MGS	MARA-THON BW MARSHALL-ET TV
REGAN-ENGLAND TERA-ET		US000002290977
US000207485132	MGD	REGANCREST-JB PATRON TES-ET
		US000017301789

Milk production data	SK 10/2018	Herds	2	Daug.	25	Rel.	81 %	SPI	-219
Number controls		BV		Milk		Fat	%	Prot.	%
492				-147		3	0,14	-1	0,07
								SCS	2,97
								rank	...
								rank	...

Type data	SHA 10/2018	Herds	5 / 1	Daug.	23	81,0	Rel.	65 %	TYPE	1,62
									rank	46.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	1,80									
Angularity	0,39									
Chest Width	-0,16									
Body Depth	0,67									
Rump Angle	-0,67									
Rear Legs Side View	-1,18									
Foot Angle	-0,35									
Fore Udder Attachment	0,61									
Front Teat Placement	0,35									
Teat Length	-0,34									
Rear Udder Height	1,42									
Rear Udder Width	1,79									
Central Ligament	-1,20									
Udder Depth	0,69									
Rump Width	-0,02									
Rear Legs Rear View	-0,13									
Rear Teat Placement	-0,31									
Locomotion	1,25									
Body Condition	0,07									

daught. average	83,2	Frame	1,38
	80,3	Dairy Strength	0,76
	82,8	Feet & Legs	0,33
	79,2	Udder	1,29
		SHI	58,0
		rank	235.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
TER LEEUWE ALPE D HUEZ-ET	NL000965860174	25.10.2012	MED-039

Country of origin	NL	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	09.08.2013
		DE	13/10981

Pedigree

Sire	PGS	O-BEE MANFRED JUSTICE-ET
FLEVO GENETICS SNOWMAN-ET		US000122358313
NL000388965513	PGD	BROEKS MBM ELSA-ET
		CZ000007434921
Dam	MGS	MAPLE-DOWNS-I G W ATWOOD-ET
CHARTROISE ATWOOD POLLY-ET		CA000008956379
US000066050579	MGD	WINDY-KNOLL-VIEW PASSAGE-ET
		US000065480452

Milk production data	SK 10/2018	Herds	69	Daug.	1084	Rel.	99 %	SPI	2136
Number controls		BV		Milk		Fat		rank	109.
7310				504		18	-0,04	SCS	2,14
						15	-0,02	rank	8.

Type data	SHA 10/2018	Herds	60 / 20	Daug.	244	82,2	Rel.	93 %	TYPE	1,61
								rank	47.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	1,82									
Angularity	0,94									
Chest Width	0,44									
Body Depth	0,64									
Rump Angle	1,05									
Rear Legs Side View	-0,87									
Foot Angle	0,81									
Fore Udder Attachment	0,79									
Front Teat Placement	0,28									
Teat Length	0,21									
Rear Udder Height	0,73									
Rear Udder Width	-0,66									
Central Ligament	1,08									
Udder Depth	1,12									
Rump Width	-0,60									
Rear Legs Rear View	0,04									
Rear Teat Placement	0,48									
Locomotion	0,14									
Body Condition	-1,22									

daught. average

86,6	Frame	1,82
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82,0	Dairy Strength	1,37
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83,4	Feet & Legs	0,58
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79,5	Udder	0,56
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	SHI	128,9
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rank 53.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
AMIGHETTI NUMERO UNO-ET	IT017990915143	15.07.2010	MED-038
Country of origin	IT	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	27.05.2011
		CA	DC282106

Pedigree

Sire **PGS** O-BEE MANFRED JUSTICE-ET
LONG-LANGS OMAN OMAN-ET
US000135746776

PGD WINNING-WAY MARCI-ET
US000130677626

MED-012

Dam **MGS** PICSTON SHOTTLE-ET
AMIGHETTI SHOTTLE AVE-ET
IT017990346074

MGD AMIGHETTI IRON ALUNDRA-ET
IT017990048241

PEL-033

Milk production data	SK 10/2018	Herds	5	Daug.	72	Rel.	88 %	SPI	1899
Number controls		BV		Milk	Fat	%	Prot.	%	rank
884				402	17	0,01	14	0,02	SCS
									rank

Type data	SHA 10/2018	Herds	8 / 2	Daug.	26	83,4	Rel.	65 %	TYPE	1,61
									rank	48.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,95									
Angularity	0,99									
Chest Width	0,01									
Body Depth	-0,41									
Rump Angle	0,47									
Rear Legs Side View	-1,55									
Foot Angle	-0,36									
Fore Udder Attachment	1,05									
Front Teat Placement	0,71									
Teat Length	0,21									
Rear Udder Height	1,82									
Rear Udder Width	-0,34									
Central Ligament	2,22									
Udder Depth	1,27									
Rump Width	1,17									
Rear Legs Rear View	-0,19									
Rear Teat Placement	1,04									
Locomotion	2,11									
Body Condition	0,23									

daught. average

86,5 **Frame** 1,00

82,6 **Dairy Strength** 0,61

83,2 **Feet & Legs** 0,64

82,3 **Udder** 1,57

SHI 121,7

rank 68.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
SPRINGWAY BLVR CHASE-ET	US000053573187	07.02.2008	AML-002
Country of origin	US	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	04.02.2009
		US	MO9048823

Pedigree

Sire	PGS	OUT-JOCK CHOICE AMEL-ET
END-ROAD PVF BOLIVER-ET		US000002231596
US000123586443	PGD	END-ROAD MATHIE BIG BANG-ET
		US000015458228
Dam	MGS	O-BEE MANFRED JUSTICE-ET
SPRINGWAY OMAN COOKIE-ET		US000122358313
US000050840837	MGD	WHITTIER-FARMS CHRISTINA-ET
		US000130197465

Milk production data	SK 10/2018	Herds	67	Daug.	917	Rel.	99 %	SPI	2964
Number controls		BV		Milk		Fat	%	rank	46.
14108				740		17	-0,20	SCS	2,57
						23	-0,00	rank	111.

Type data	SHA 10/2018	Herds	100 / 31	Daug.	407	82,2	Rel.	96 %	TYPE	1,61
								rank	49.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	1,60									
Angularity	-0,16									
Chest Width	0,58									
Body Depth	0,47									
Rump Angle	-0,75									
Rear Legs Side View	-1,38									
Foot Angle	1,12									
Fore Udder Attachment	1,03									
Front Teat Placement	2,43									
Teat Length	0,31									
Rear Udder Height	0,47									
Rear Udder Width	-0,14									
Central Ligament	1,26									
Udder Depth	1,75									
Rump Width	0,38									
Rear Legs Rear View	0,24									
Rear Teat Placement	0,89									
Locomotion	1,32									
Body Condition	-0,32									

daught. average

86,3	Frame	1,55
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81,7	Dairy Strength	0,23
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83,8	Feet & Legs	1,74
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79,7	Udder	0,79
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	SHI	153,6
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rank 31.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
SANDY-VALLEY ANDERSON-ET	US000066019452	15.12.2008	EMY-017
Country of origin	US	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	13.08.2009
		CA	DC238758

Pedigree

Sire	PGS	FUSTEAD EMORY BLITZ-ET
VELVET-VIEW-KJ SOCRATES-ET		US000017013604
US000133126053	PGD	SHER-EST PRELUDE SWEET-ET
		US000015421158
Dam	MGS	PICSTON SHOTTLE-ET
SANDY-VALLEY SHOT ALOSHI-ET		GB000000598172
US000062188880	MGD	SANDY-VALLEY CHAMP ALICE-ET
		US000134408396
		PEL-033

Milk production data	SK 10/2018	Herds	30	Daug.	285	Rel.	97 %	SPI	-359
Number controls		BV		Milk		Prot.		rank	536.
5550				-47	5	0,11	-6	SCS	2,19
								rank	16.

Type data	SHA 10/2018	Herds	13 / 3	Daug.	57	80,6	Rel.	78 %	TYPE	1,60
								rank	50.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	1,00									
Angularity	1,18									
Chest Width	-0,47									
Body Depth	-0,19									
Rump Angle	0,44									
Rear Legs Side View	-0,40									
Foot Angle	0,60									
Fore Udder Attachment	3,05									
Front Teat Placement	0,22									
Teat Length	-0,33									
Rear Udder Height	1,28									
Rear Udder Width	0,27									
Central Ligament	0,37									
Udder Depth	2,15									
Rump Width	-1,21									
Rear Legs Rear View	0,10									
Rear Teat Placement	0,83									
Locomotion	0,90									
Body Condition	-0,54									

daught. average

84,6	Frame	0,76
81,4	Dairy Strength	0,92
81,4	Feet & Legs	0,90
77,6	Udder	1,30
	SHI	53,4
	rank	250.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
SMITHDEN ADMIRAL-ET	CA000007925701	19.06.2006	GAD-019
Country of origin	CA	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	12.01.2007
		CA	DC175873

Pedigree

Sire	PGS	SHOREMAR JAMES
BRAEDALE GOLDWYN-ET		CA000005902195
CA000010705608	PGD	BRAEDALE BALER TWINE-ET
GAD-002		CA000006860888
Dam	MGS	CANYON-BREEZE ALLEN-ET
SMITHDEN ALLEN ALISON-ET		US000017129288
CA000009406028	MGD	SMITHDEN RUDOLPH LANA
		CA000006977768

Milk production data	SK 10/2018	Herds	14	Daug.	188	Rel.	94 %	SPI	2044
Number controls		BV		Milk		Fat	%	rank	117.
2654				264		32	0,38	SCS	2,97
						12	0,08	rank	513.

Type data	SHA 10/2018	Herds	12 / 4	Daug.	63	81,6	Rel.	78 %	TYPE	1,60
								rank	51.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,76									
Angularity	0,45									
Chest Width	0,06									
Body Depth	0,57									
Rump Angle	-0,20									
Rear Legs Side View	0,17									
Foot Angle	0,27									
Fore Udder Attachment	0,97									
Front Teat Placement	1,20									
Teat Length	-0,54									
Rear Udder Height	1,36									
Rear Udder Width	1,03									
Central Ligament	0,71									
Udder Depth	0,65									
Rump Width	-1,08									
Rear Legs Rear View	-0,44									
Rear Teat Placement	0,43									
Locomotion	0,47									
Body Condition	-1,20									

daught. average

84,5 **Frame** **0,78**

82,4 **Dairy Strength** **0,70**

82,4 **Feet & Legs** **-0,05**

79,4 **Udder** **2,08**

SHI **125,6**

rank 60.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
REGANCREST ALTAIOTA-ET	US000061898306	12.06.2005	MED-040

Country of origin	US	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	24.02.2006
		US	MO6016282

Pedigree

Sire	PGS	HA-HO CUBBY MANFRED-ET US000002183007
O-BEE MANFRED JUSTICE-ET US000122358313 MED-012	PGD	MEIER-MEADOWS EL JEZEBEL-ET US000015459080
Dam	MGS	BARBIER-M JUROR ITO-ET US000002287161
REGANCREST ITO ISA US000060870571	MGD	REGANCREST EMORY DORISSA-ET US000015967188

Milk production data	SK 10/2018	Herds	23	Daug.	346	Rel.	96 %	SPI	3342
Number controls		BV		Milk		Fat		rank	29.
3411				617		38	0,23	SCS	2,82
								rank	336.

Type data	SHA 10/2018	Herds	27 / 11	Daug.	95	82,0	Rel.	86 %	TYPE	1,60
								rank	52.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	2,02									
Angularity	-0,47									
Chest Width	1,36									
Body Depth	1,59									
Rump Angle	0,58									
Rear Legs Side View	-1,10									
Foot Angle	0,20									
Fore Udder Attachment	-0,18									
Front Teat Placement	0,82									
Teat Length	0,27									
Rear Udder Height	0,43									
Rear Udder Width	0,61									
Central Ligament	-0,27									
Udder Depth	0,48									
Rump Width	2,35									
Rear Legs Rear View	0,38									
Rear Teat Placement	0,37									
Locomotion	1,79									
Body Condition	0,85									

daught. average

86,7	Frame	2,54
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82,1	Dairy Strength	0,56
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83,2	Feet & Legs	1,44
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78,9	Udder	0,03
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	SHI	164,6
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rank 23.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
WALHOWDON MARSHALL HARRY-ET	US000060083723	26.12.2000	BW-025

Country of origin	US	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	23.03.2005
		US	HU2004001907

Pedigree

Sire	PGS	MAIZEFIELD BELLWOOD-ET
MARA-THON BW MARSHALL-ET TV	US000002103297	MEW-004
US000002290977	PGD	MORGAN VALLEY ELTON MARA
	US000014840387	
Dam	MGS	ETAZON CELSIUS-ET
WALHOWDON CELSIUS DANIELLE	NL000460508522	
US000017320831	MGD	WALHOWDON GRAND BRIER
	US000015755403	

Milk production data	SK 10/2018	Herds	59	Daug.	1364	Rel.	99 %	SPI	2343
Number controls		BV		Milk		Fat	%	rank	88.
26187				628	9	-0,26	19	SCS	3,22
								rank	846.

Type data	SHA 10/2018	Herds	111 / 21	Daug.	711	80,2	Rel.	98 %	TYPE	1,58
								rank	53.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	1,42									
Angularity	0,10									
Chest Width	0,60									
Body Depth	0,18									
Rump Angle	0,52									
Rear Legs Side View	-1,06									
Foot Angle	1,73									
Fore Udder Attachment	2,12									
Front Teat Placement	0,41									
Teat Length	2,63									
Rear Udder Height	0,56									
Rear Udder Width	0,73									
Central Ligament	-0,34									
Udder Depth	0,62									
Rump Width	0,41									
Rear Legs Rear View	-0,25									
Rear Teat Placement	0,64									
Locomotion	-0,29									
Body Condition	0,36									

daught. average	84,0	Frame	1,46
	80,1	Dairy Strength	0,63
	80,2	Feet & Legs	1,58
	78,3	Udder	0,94
		SHI	133,8
		rank	46.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
GILGAMES-ET	CZ000114427761	30.05.2002	LU-024
Country of origin	CZ	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	24.09.2002
		CSK	119402

Pedigree

Sire	PGS	NORRIELAKE CLEITUS LUKE-TWIN
LEXVOLD LUKE HERSHEL-ET		US000002071864
US000002294436	PGD	LEXVOLD MASCOT HILARY-ET
LU-013		US000014854001
Dam	MGS	DELTA CLEITUS JABOT
MISS JABOT JWFL NEDA-ET		NL000316419721
US000015806793	MGD	MISS PRELUDE JWFL NELDA-ET
		US000015153014

Milk production data	SK 10/2018	Herds	21	Daug.	104	Rel.	93 %	SPI	552
Number controls		BV		Milk		Fat		rank	357.
2080				232		8	-0,03	SCS	2,92
						0	-0,15	rank	449.

Type data	SHA 10/2018	Herds	6 / 5	Daug.	19	78,4	Rel.	60 %	TYPE	1,57
								rank	54.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,27									
Angularity	1,68									
Chest Width	-0,11									
Body Depth	0,41									
Rump Angle	0,29									
Rear Legs Side View	-1,41									
Foot Angle	2,00									
Fore Udder Attachment	0,18									
Front Teat Placement	0,01									
Teat Length	-0,31									
Rear Udder Height	1,71									
Rear Udder Width	1,82									
Central Ligament	-0,32									
Udder Depth	0,05									
Rump Width	0,08									
Rear Legs Rear View	1,91									
Rear Teat Placement	-0,43									
Locomotion	0,76									
Body Condition	-0,89									

daught. average

81,1	Frame	0,27
79,9	Dairy Strength	1,89
79,0	Feet & Legs	2,25
76,0	Udder	0,63
	SHI	79,3
	rank	166.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
STOUDER MORTY-ET	US000017349617	25.05.1997	FOM-004
Country of origin	US	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	27.02.1998
		CAN	BT412559

Pedigree

Sire	PGS	ROTHROCK TRADITION LEADMAN
SHEN-VAL NV LM FORMATION-ET	US000001983348	TDN-004
US000002163822	PGD	SHEN-VAL MARK FAY
LAD-009	US000013008118	
Dam	MGS	MADAWASKA AEROSTAR
CRACIN AEROSTAR MELISSA	CA000000383622	STB-011
US000015172400	MGD	CRACIN BLACKSTAR MARISSA
	US000014502186	

Milk production data	SK 10/2018	Herds	10	Daug.	37	Rel.	93 %	SPI	-635
Number controls	BV	Milk	Fat	%	Prot.	%	rank	601.	
739		-24	-6	-0,10	-7	-0,14	SCS	3,20	
							rank	822.	

Type data	SHA 10/2018	Herds	6 / 5	Daug.	18	79,9	Rel.	80 %	TYPE	1,56
							rank	55.		

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,71									
Angularity	0,78									
Chest Width	0,32									
Body Depth	0,46									
Rump Angle	-0,60									
Rear Legs Side View	-1,35									
Foot Angle	0,71									
Fore Udder Attachment	-0,07									
Front Teat Placement	1,99									
Teat Length	-0,33									
Rear Udder Height	1,69									
Rear Udder Width	2,19									
Central Ligament	0,12									
Udder Depth	0,01									
Rump Width	0,19									
Rear Legs Rear View	-0,02									
Rear Teat Placement	0,54									
Locomotion	-0,94									
Body Condition	-0,02									

daught. average

81,6	Frame	0,79
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80,2	Dairy Strength	1,47
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78,7	Feet & Legs	0,17
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79,6	Udder	1,45
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	SHI	43,4
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rank 283.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
SANDY-VALLEY KNIGHT-ET	US000062188753	26.09.2006	BES-024
Country of origin	US	Breed	H100
Distributor		Herdbook	HA
		Paternity	

Pedigree

Sire	PGS	JOCKO BESN
APPLOUIS JET STREAM-ET		FR005694028588
US000130558361	PGD	APPLOUIS MANFRED JULIET-ET
		US000127325435
Dam	MGS	HARTLINE TITANIC-ET
SANDY-VALLEY TI TWILIGHT-ET		US000123066734
US000135744710	MGD	REGAN-ENGLAND MARSHL TES-ET
		US000207485123

Milk production data	SK 10/2018	Herds	16	Daug.	297	Rel.	96 %	SPI	2300
Number controls		BV		Milk	Fat	%	Prot.	%	rank
4655				386	23	0,13	18	0,11	SCS
									rank
									91.
									740.

Type data	SHA 10/2018	Herds	42 / 11	Daug.	152	82,0	Rel.	90 %	TYPE	1,55
									rank	56.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	1,99									
Angularity	2,03									
Chest Width	-1,66									
Body Depth	-1,74									
Rump Angle	0,31									
Rear Legs Side View	-1,62									
Foot Angle	0,85									
Fore Udder Attachment	1,79									
Front Teat Placement	1,28									
Teat Length	0,88									
Rear Udder Height	2,62									
Rear Udder Width	0,56									
Central Ligament	0,44									
Udder Depth	2,55									
Rump Width	-1,40									
Rear Legs Rear View	0,85									
Rear Teat Placement	0,89									
Locomotion	0,63									
Body Condition	-1,97									

daught. average

86,0	Frame	1,09
81,4	Dairy Strength	0,02
83,4	Feet & Legs	1,27
79,6	Udder	1,35
	SHI	131,4
	rank	49.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
LADYS-MANOR WISDOM-ET	US000133806557	02.01.2003	FOM-007
Country of origin	US	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	23.06.2003
		USA	12574A

Pedigree

Sire	PGS	SHEN-VAL NV LM FORMATION-ET
STOUDER MORTY-ET	US000002163822	LAD-009
US000017349617	PGD	CRACIN AEROSTAR MELISSA
FOM-004	US000015172400	
Dam	MGS	LADYS-MANOR WINCHESTER-ET
LADYS-MANOR WYNONA-ET	US000002205082	
US000123508757	MGD	LADYS-MANOR TEMPTIOUS-ET
	US000015638662	

Milk production data	SK 10/2018	Herds	38	Daug.	95	Rel.	92 %	SPI	840
Number controls		BV		Milk		Fat	%	rank	302.
1675				-16		21	0,39	4	0,10
								SCS	3,16
								rank	773.

Type data	SHA 10/2018	Herds	11 / 10	Daug.	21	79,7	Rel.	63 %	TYPE	1,55
								rank	57.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,63									
Angularity	1,68									
Chest Width	0,47									
Body Depth	1,86									
Rump Angle	-1,47									
Rear Legs Side View	-0,98									
Foot Angle	1,39									
Fore Udder Attachment	0,71									
Front Teat Placement	1,12									
Teat Length	-1,02									
Rear Udder Height	1,05									
Rear Udder Width	0,58									
Central Ligament	-0,54									
Udder Depth	0,24									
Rump Width	0,65									
Rear Legs Rear View	-0,58									
Rear Teat Placement	-0,12									
Locomotion	0,11									
Body Condition	1,21									

daught. average

81,1	Frame	0,74
81,8	Dairy Strength	2,48
78,6	Feet & Legs	0,49
78,4	Udder	0,76
	SHI	87,3
	rank	142.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
LUCKY-LEU	NL000230083729	08.11.1998	LEO-001
Country of origin	NL	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	06.01.1999
		DEU	99/156

Pedigree

Sire	PGS	PEN SPRING MR C (UGELA BELL)
FRANKENHOF LUCKY LEO		US000001920807
NL000777133097	PGD	LENORA 2
		NL000509257011
Dam	MGS	DELTA CLEITUS JABOT
JK EDER EUGENIE		NL000316419721
NL000147426064	MGD	DELTA EUGENIE
		NL000031894607

Milk production data	SK 10/2018	Herds	53	Daug.	123	Rel.	95 %	SPI	1246
Number controls		BV		Milk		Prot.		rank	225.
2594				-65	35	0,69	6	SCS	3,00
								rank	565.

Type data	SHA 10/2018	Herds	16 / 11	Daug.	32	78,3	Rel.	69 %	TYPE	1,54
								rank	58.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	1,12									
Angularity	-0,24									
Chest Width	2,17									
Body Depth	1,14									
Rump Angle	0,56									
Rear Legs Side View	-1,60									
Foot Angle	1,23									
Fore Udder Attachment	1,25									
Front Teat Placement	0,62									
Teat Length	-0,95									
Rear Udder Height	0,29									
Rear Udder Width	0,22									
Central Ligament	-0,17									
Udder Depth	1,00									
Rump Width	0,87									
Rear Legs Rear View	1,05									
Rear Teat Placement	0,46									
Locomotion	-0,37									
Body Condition	1,13									

daught. average

82,0	Frame	1,67
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76,7	Dairy Strength	0,89
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78,3	Feet & Legs	1,06
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77,3	Udder	0,78
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	SHI	99,1
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rank 117.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
DE-SU 11236 BALISTO-ET	US000070625988	25.03.2012	BKM-001
Country of origin	US	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	11.01.2013
		US	M12090989

Pedigree

Sire	PGS	ENSENADA TABOO PLANET-ET
DE-SU 521 BOOKEM-ET	US000060597003	BS-050
US000066636657	PGD	CLEAR-ECHO 822 RAMO 1199-ET
BS-064	US000061765027	
Dam	MGS	DE-SU WATSON
DE-SU 199-ET	US000064700377	
US000069490353	MGD	PINE-TREE MISSY MIRANDA-ET
	US000061733095	

Milk production data	SK 10/2018	Herds	19	Daug.	316	Rel.	96 %	SPI	5585
Number controls		BV		Milk		Fat	%	Prot.	%
3926				718		56	0,46	47	0,48
								SCS	2,46
								rank	2.
								rank	71.

Type data	SHA 10/2018	Herds	61 / 11	Daug.	225	82,6	Rel.	92 %	TYPE	1,53
									rank	59.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	1,37									
Angularity	0,03									
Chest Width	-0,34									
Body Depth	0,31									
Rump Angle	-1,02									
Rear Legs Side View	0,30									
Foot Angle	0,42									
Fore Udder Attachment	1,32									
Front Teat Placement	1,19									
Teat Length	-0,35									
Rear Udder Height	1,63									
Rear Udder Width	1,43									
Central Ligament	-0,42									
Udder Depth	1,46									
Rump Width	-0,20									
Rear Legs Rear View	0,92									
Rear Teat Placement	-0,72									
Locomotion	1,37									
Body Condition	-0,77									

daught. average

85,8	Frame	1,11
81,5	Dairy Strength	-0,06
84,1	Feet & Legs	1,18
80,9	Udder	1,39
	SHI	229,6
	rank	2.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
LORKA COGNAC RED-ET	CA000104980395	30.10.2007	BS-062
Country of origin	CA	Breed	R100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	23.01.2008
		CA	DC199855

Pedigree

Sire	PGS	MARKIM THUNDER
DUDOC MR BURNS-ET		US000017144785
CA000100745543	PGD	GRANDUC MAGGIE STORM-ET
BS-047		CA000006873895
Dam	MGS	GEN-I-BEQ SALTO-ET
LORKA SALTO ROSA-ET		CA000009243546
CA000103127003	MGD	DUDOC JLT PONTAGE-ET
		CA000009286558

Milk production data	SK 10/2018	Herds	18	Daug.	162	Rel.	93 %	SPI	354
Number controls		BV		Milk		Fat		rank	390.
2302				61		3	-0,00	3	0,02
								SCS	2,40
								rank	44.

Type data	SHA 10/2018	Herds	9 / 3	Daug.	40	81,8	Rel.	70 %	TYPE	1,52
								rank	60.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	1,61									
Angularity	1,34									
Chest Width	0,39									
Body Depth	1,41									
Rump Angle	-0,99									
Rear Legs Side View	-0,45									
Foot Angle	1,19									
Fore Udder Attachment	0,02									
Front Teat Placement	0,82									
Teat Length	-1,70									
Rear Udder Height	0,27									
Rear Udder Width	1,63									
Central Ligament	0,76									
Udder Depth	-0,06									
Rump Width	0,49									
Rear Legs Rear View	-0,50									
Rear Teat Placement	0,66									
Locomotion	-1,16									
Body Condition	-0,32									

daught. average

86,0	Frame	1,78
83,8	Dairy Strength	2,00
82,5	Feet & Legs	0,47
78,5	Udder	0,51
	SHI	71,6
	rank	187.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
RANG ECOSSAIS KILT-ET	CA000006409330	23.04.1995	LET-001
Country of origin	CA	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	09.11.1995
		CAN	BT361511

Pedigree

Sire	PGS	HANOVERHILL STARBUCK CA000000352790
HANOVERHILL LIEUTENANT CA000000400665 STB-012	PGD	HANOVERHILL CHIEF T LULU CA000004100574
Dam	MGS	ROTHROCK TRADITION LEADMAN US000001983348 TDN-004
LAKE-HOME LEADMAN CHANTEL US000014279479	MGD	LAKE-HOME STARBUCK CHARIE US000012754684

Milk production data	SK 10/2018	Herds	37	Daug.	372	Rel.	98 %	SPI	-1663
Number controls		BV		Milk		Fat	%	Prot.	%
7582				-315		-24	-0,24	-9	0,01
								SCS	3,35
								rank	1002.

Type data	SHA 10/2018	Herds	10 / 3	Daug.	77	78,9	Rel.	83 %	TYPE	1,52
									rank	61.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,10									
Angularity	0,89									
Chest Width	0,14									
Body Depth	0,35									
Rump Angle	0,15									
Rear Legs Side View	-1,92									
Foot Angle	2,01									
Fore Udder Attachment	-0,47									
Front Teat Placement	-1,08									
Teat Length	0,85									
Rear Udder Height	1,51									
Rear Udder Width	1,52									
Central Ligament	1,84									
Udder Depth	-0,96									
Rump Width	-0,05									
Rear Legs Rear View	-0,51									
Rear Teat Placement	0,79									
Locomotion	1,06									
Body Condition	0,75									

daught. average

80,4	Frame	0,19
78,7	Dairy Strength	1,26
79,6	Feet & Legs	2,06
77,8	Udder	1,21
	SHI	10,8
	rank	419.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
PURSUIT SEPTEMBER STORM-ET	CA000006820564	03.09.1997	SOM-024
Country of origin	CA	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	10.10.2006
		CA	DC5486

Pedigree

Sire	PGS	MADAWASKA AEROSTAR
MAUGHLIN STORM-ET	CA000000383622	STB-011
CA000005457798	PGD	WYKHOLME DEWDROP TACY-ET
	CA000004467150	
Dam	MGS	DUREGAL ASTRE STARBUCK ET
GLEN DRUMMOND SHIMMER-ET	CA000000392405	STB-015
CA000006185591	MGD	GLEN DRUMMOND SHOWER-ET
	CA000004849914	

Milk production data	SK 10/2018	Herds	10	Daug.	63	Rel.	92 %	SPI	-602
Number controls		BV		Milk		Fat	%	Prot.	%
1267				-148	6	0,20	-8	-0,09	SCS
									rank
									594.
									rank
									100.

Type data	SHA 10/2018	Herds	5 / 3	Daug.	15	79,7	Rel.	69 %	TYPE	1,50
									rank	62.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	1,36									
Angularity	0,86									
Chest Width	0,16									
Body Depth	0,48									
Rump Angle	-0,42									
Rear Legs Side View	-1,40									
Foot Angle	0,74									
Fore Udder Attachment	0,22									
Front Teat Placement	-0,01									
Teat Length	-0,87									
Rear Udder Height	0,78									
Rear Udder Width	1,20									
Central Ligament	0,01									
Udder Depth	0,31									
Rump Width	0,32									
Rear Legs Rear View	0,58									
Rear Teat Placement	0,22									
Locomotion	-0,74									
Body Condition	-0,28									

daught. average

84,2	Frame	1,62
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79,7	Dairy Strength	1,32
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80,1	Feet & Legs	0,76
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77,2	Udder	0,87
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	SHI	42,0
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rank 290.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
OFFSPRING	DE000346670881	29.01.2003	PEL-037
Country of origin	DE	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	09.01.2004
		DE	04/30316

Pedigree

Sire	PGS	RONNYBROOK PRELUDE-ET	
COMESTAR OUTSIDE-ET		CA000000392457	STB-016
CA000006026421	PGD	COMESTAR L OR BLACK-ET	
		CA000005311227	
Dam	MGS	COMESTAR LEE-ET	
CHERRY		CA000005757117	RAR-001
DE000343997377	MGD	CHRISTIANE	
		DE000341937736	

Milk production data	SK 10/2018	Herds	46	Daug.	480	Rel.	98 %	SPI	238
Number controls		BV		Milk		Fat	%	rank	416.
9872				107		-4	-0,16	3	-0,01
								SCS	3,09
								rank	676.

Type data	SHA 10/2018	Herds	16 / 5	Daug.	138	80,3	Rel.	90 %	TYPE	1,50
								rank	63.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	1,01									
Angularity	0,71									
Chest Width	0,01									
Body Depth	0,59									
Rump Angle	0,83									
Rear Legs Side View	-0,01									
Foot Angle	-0,39									
Fore Udder Attachment	0,10									
Front Teat Placement	-0,41									
Teat Length	1,06									
Rear Udder Height	1,47									
Rear Udder Width	1,45									
Central Ligament	0,60									
Udder Depth	0,41									
Rump Width	0,48									
Rear Legs Rear View	1,74									
Rear Teat Placement	1,45									
Locomotion	0,96									
Body Condition	-0,54									

daught. average

85,1	Frame	1,15
81,3	Dairy Strength	1,21
80,7	Feet & Legs	0,73
77,2	Udder	1,06
	SHI	67,3
	rank	204.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
LEXVOLD LUKE HERSHEL-ET	US000002294436	30.07.1995	LU-013
Country of origin	US	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	13.02.1996
		USA	IG219074A

Pedigree

Sire	PGS	BIS-MAY TRADITION CLEITUS
NORRIELAKE CLEITUS LUKE-TWIN	US000001879085	CLE-003
US000002071864	PGD	NORRIELAKE VALIANT CHEER-ET
CLE-005	US000012365669	
Dam	MGS	SINGING-BROOK N-BOY MASCOT-ET
LEXVOLD MASCOT HILARY-ET	US000002020049	NBY-011
US000014854001	MGD	LEXVOLD BLACKSTAR POPPYB-ET
	US000014250458	

Milk production data	SK 10/2018	Herds	26	Daug.	133	Rel.	96 %	SPI	1863
Number controls		BV		Milk		Fat	%	Prot.	%
2833				598	16	-0,12	9	-0,19	SCS
									rank
									135.
									rank
									538.

Type data	SHA 10/2018	Herds	25 / 12	Daug.	79	78,9	Rel.	87 %	TYPE	1,50
									rank	64.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,21									
Angularity	0,29									
Chest Width	1,40									
Body Depth	-0,07									
Rump Angle	0,39									
Rear Legs Side View	-0,78									
Foot Angle	1,39									
Fore Udder Attachment	-0,16									
Front Teat Placement	-0,26									
Teat Length	0,49									
Rear Udder Height	0,86									
Rear Udder Width	1,38									
Central Ligament	-0,00									
Udder Depth	0,41									
Rump Width	-0,06									
Rear Legs Rear View	1,15									
Rear Teat Placement	0,27									
Locomotion	1,31									
Body Condition	-0,11									

daught. average

80,6 **Frame** **0,52**

79,2 **Dairy Strength** **0,93**

79,4 **Feet & Legs** **2,59**

77,8 **Udder** **0,76**

SHI **116,2**

rank 80.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
SOUTHLAND EXPLODE 7154 EXPO	NL000767171544	21.11.2011	LU-043
Country of origin	NL	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	06.04.2012
		NL	408832

Pedigree

Sire	PGS	SANDY-VALLEY BOLTON-ET
WABASH-WAY EXPLODE-ET		US000131823833
US000138905680	PGD	WABASH-WAY EMILYANN-ET
LU-039		US000137044405
Dam	MGS	LONG-LANGS OMAN OMAN-ET
SOUTHLAND M-O-M DELLIA 181		US000135746776
NL000723069731	MGD	SOUTHLAND DELLIA 134
		NL000469566675

Milk production data	SK 10/2018	Herds	40	Daug.	662	Rel.	98 %	SPI	719
Number controls		BV		Milk		Fat	%	Prot.	%
8875				162		9	0,04	4	-0,03
								SCS	2,29
								rank	322.
								rank	26.

Type data	SHA 10/2018	Herds	37 / 17	Daug.	167	82,4	Rel.	90 %	TYPE	1,49
								rank	65.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	1,85									
Angularity	-0,18									
Chest Width	0,83									
Body Depth	0,48									
Rump Angle	0,95									
Rear Legs Side View	-0,52									
Foot Angle	0,15									
Fore Udder Attachment	1,40									
Front Teat Placement	2,02									
Teat Length	-0,40									
Rear Udder Height	0,66									
Rear Udder Width	-0,07									
Central Ligament	0,32									
Udder Depth	1,52									
Rump Width	1,15									
Rear Legs Rear View	-1,07									
Rear Teat Placement	1,42									
Locomotion	0,34									
Body Condition	0,78									

daught. average

87,2	Frame	2,14
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82,3	Dairy Strength	0,38
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83,2	Feet & Legs	0,08
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79,7	Udder	0,76
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	SHI	81,3
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rank 160.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
COYNE-FARMS BOLTON DOM-ET	US000138685522	01.09.2007	LU-045
Country of origin	US	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	31.03.2008
		US	MO8037394

Pedigree

Sire	PGS	LEXVOLD LUKE HERSHEL-ET
SANDY-VALLEY BOLTON-ET	US000002294436	LU-013
US000131823833	PGD	SANDY-VALLEY BLESSING-ET
	US000128824973	
Dam	MGS	PECKENSTEIN FORM BRET-ET
COYNE-FARMS BRET DAFFERS-ET	US000120745603	
US000061319723	MGD	COYNE-FARMS RUDOLPH DAFFY
	US000018044589	

Milk production data	SK 10/2018	Herds	18	Daug.	483	Rel.	98 %	SPI	3375
Number controls		BV		Milk		Fat	%	rank	28.
6139				789		34	0,05	SCS	2,80
						21	-0,07	rank	315.

Type data	SHA 10/2018	Herds	80 / 14	Daug.	312	82,5	Rel.	94 %	TYPE	1,48
								rank	66.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,94									
Angularity	1,68									
Chest Width	-0,57									
Body Depth	-0,36									
Rump Angle	0,53									
Rear Legs Side View	-1,25									
Foot Angle	0,74									
Fore Udder Attachment	1,39									
Front Teat Placement	1,62									
Teat Length	-0,28									
Rear Udder Height	1,98									
Rear Udder Width	1,35									
Central Ligament	-0,05									
Udder Depth	1,27									
Rump Width	-0,86									
Rear Legs Rear View	0,06									
Rear Teat Placement	0,95									
Locomotion	-1,05									
Body Condition	-0,71									

daught. average

85,4	Frame	0,62
82,2	Dairy Strength	0,96
83,5	Feet & Legs	0,23
80,7	Udder	1,62
	SHI	160,8
	rank	27.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
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Bull name	Registration number	Birth date	State Register
SPATZ	DE000342325666	12.02.1998	SOM-001
Country of origin	DE	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	26.03.1998
		DEU	98/4558

Pedigree

Sire	PGS	MADAWASKA AEROSTAR
MAUGHLIN STORM-ET		CA000000383622
CA000005457798	PGD	WYKHOLME DEWDROP TACY-ET
		CA000004467150
Dam	MGS	TOBER-ET
GALLA 34		DE001020186127
DE001021099054	MGD	GALA
		DE001020829527

Milk production data	SK 10/2018	Herds	153	Daug.	2535	Rel.	99 %	SPI	-316
Number controls		BV		Milk		Fat		rank	526.
44692				-159		2	0,15	SCS	3,16
						-2	0,05	rank	764.

Type data	SHA 10/2018	Herds	43 / 19	Daug.	403	78,9	Rel.	96 %	TYPE	1,47
								rank	67.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,56									
Angularity	1,20									
Chest Width	0,08									
Body Depth	1,23									
Rump Angle	-1,19									
Rear Legs Side View	-0,45									
Foot Angle	1,35									
Fore Udder Attachment	0,63									
Front Teat Placement	0,60									
Teat Length	-1,60									
Rear Udder Height	1,43									
Rear Udder Width	2,96									
Central Ligament	0,97									
Udder Depth	-1,17									
Rump Width	1,58									
Rear Legs Rear View	1,43									
Rear Teat Placement	0,32									
Locomotion	0,06									
Body Condition	-0,85									

daught. average

81,7	Frame	-0,19
79,5	Dairy Strength	2,00
78,9	Feet & Legs	1,34
77,1	Udder	1,58
	SHI	49,2
	rank	266.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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Bull name	Registration number	Birth date	State Register
RITER FS EUPHORIC-ET	CA000107904801	15.12.2012	MGL-002
Country of origin	CA	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	26.08.2014
		CA	DC327399

Pedigree

Sire	PGS	COYNE-FARMS DORCY-ET
MOUNTFIELD SSI DCY MOGUL-ET		US000139005002
US003006972816	PGD	MOUNTFIELD MARSH MAXINE-ET
LU-052		US000062784081
Dam	MGS	BADGER-BLUFF FANNY FREDDIE
DAMIBEL PCC FREDDIE ELOANE-ET		US000060996956
CA000106811817	MGD	LOUISELLE TOYSTORY ESPERANCE-ET
		CA000104227145

Milk production data	SK 10/2018	Herds	13	Daug.	721	Rel.	98 %	SPI	4342
Number controls		BV		Milk		Fat	%	Prot.	%
4996				917		38	0,03	32	0,06
								SCS	2,80
								rank	302.

Type data	SHA 10/2018	Herds	12 / 7	Daug.	28	82,9	Rel.	62 %	TYPE	1,47
									rank	68.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	1,48									
Angularity	-0,04									
Chest Width	-0,96									
Body Depth	-0,45									
Rump Angle	0,49									
Rear Legs Side View	-0,96									
Foot Angle	1,24									
Fore Udder Attachment	2,86									
Front Teat Placement	0,97									
Teat Length	-0,12									
Rear Udder Height	2,34									
Rear Udder Width	0,36									
Central Ligament	0,40									
Udder Depth	2,37									
Rump Width	-0,11									
Rear Legs Rear View	0,56									
Rear Teat Placement	1,08									
Locomotion	0,54									
Body Condition	-0,29									

daught. average

86,4	Frame	1,23
81,2	Dairy Strength	-0,51
84,2	Feet & Legs	0,92
81,0	Udder	1,48
	SHI	189,6
	rank	11.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

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Bull name	Registration number	Birth date	State Register
AVENHAM RORY PI-ET	GB181649101216	03.01.2006	PEL-045
Country of origin	GB	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	01.03.2006
		NL	138678

Pedigree

Sire	PGS	CAROL PRELUDE MTOTO-ET
PICSTON SHOTTLE-ET		IT006001001962
GB000000598172	PGD	CONDON AERO SHARON
PEL-033		CA000005373153
Dam	MGS	COMESTAR OUTSIDE-ET
AVENHAM OUTSIDE J ROLLS		CA000006026421
GB000009878292	MGD	AVENHAM JUROR ROLLS-ET
		GB000009084128

Milk production data	SK 10/2018	Herds	13	Daug.	223	Rel.	96 %	SPI	1595
Number controls		BV		Milk		Fat	%	Prot.	%
4003				359		24	0,17	7	-0,09
								SCS	2,47
								rank	159.
								rank	76.

Type data	SHA 10/2018	Herds	11 / 4	Daug.	38	81,5	Rel.	72 %	TYPE	1,44
								rank	69.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	1,30									
Angularity	0,08									
Chest Width	1,23									
Body Depth	1,64									
Rump Angle	0,43									
Rear Legs Side View	-0,88									
Foot Angle	0,29									
Fore Udder Attachment	0,91									
Front Teat Placement	1,59									
Teat Length	0,06									
Rear Udder Height	0,17									
Rear Udder Width	-0,63									
Central Ligament	-0,61									
Udder Depth	1,13									
Rump Width	0,07									
Rear Legs Rear View	1,11									
Rear Teat Placement	1,08									
Locomotion	0,74									
Body Condition	0,47									

daught. average

85,8	Frame	1,56
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81,7	Dairy Strength	1,16
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83,4	Feet & Legs	0,95
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78,2	Udder	0,41
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	SHI	105,8
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rank 102.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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Bull name	Registration number	Birth date	State Register
SOUTHLAND DELANO	NL000896898152	02.08.2011	MED-047
Country of origin	NL	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	13.06.2012
		NL	395622

Pedigree

Sire	PGS	O-BEE MANFRED JUSTICE-ET
FLEVO GENETICS SNOWMAN-ET		US000122358313
NL000388965513	PGD	BROEKS MBM ELSA-ET
		CZ000007434921
Dam	MGS	ROUMARE
SOUTHLAND DELLIA 152		FR002217051448
NL000487967935	MGD	SOUTHLAND DELLIA 130
		NL000416187409

Milk production data	SK 10/2018	Herds	41	Daug.	472	Rel.	97 %	SPI	4310
Number controls		BV		Milk		Fat	%	rank	14.
3213				1132		31	-0,20	SCS	2,20
						29	-0,11	rank	17.

Type data	SHA 10/2018	Herds	43 / 16	Daug.	168	82,4	Rel.	90 %	TYPE	1,43
								rank	70.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	1,34									
Angularity	1,84									
Chest Width	-1,55									
Body Depth	-0,97									
Rump Angle	0,65									
Rear Legs Side View	-0,52									
Foot Angle	0,74									
Fore Udder Attachment	1,34									
Front Teat Placement	-0,16									
Teat Length	-1,15									
Rear Udder Height	2,15									
Rear Udder Width	0,45									
Central Ligament	-0,87									
Udder Depth	1,18									
Rump Width	-1,32									
Rear Legs Rear View	-0,92									
Rear Teat Placement	-0,49									
Locomotion	1,83									
Body Condition	-1,92									

daught. average

85,4	Frame	0,60
81,7	Dairy Strength	0,39
83,5	Feet & Legs	1,11
80,6	Udder	1,47
	SHI	187,3
	rank	13.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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Bull name	Registration number	Birth date	State Register
COMESTAR LEE-ET	CA000005757117	26.10.1992	RAR-001
Country of origin	CA	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	08.04.1993
		CAN	299089

Pedigree

Sire	PGS	HANOVERHILL STARBUCK CA000000352790
HANOVERHILL RAIDER-ET CA000000390409	PGD	MIL-R-MOR ROXETTE CA000003567417
Dam	MGS	TO-MAR BLACKSTAR-ET US000001929410
COMESTAR LAURA BLACK-ET CA000005319783	MGD	COMESTAR LAURIE SHEIK-ET CA000004425038
		CHR-002

Milk production data	SK 10/2018	Herds	117	Daug.	1588	Rel.	99 %	SPI	-410
Number controls		BV		Milk		Fat		rank	547.
32755				-144		7	0,23	SCS	3,00
						-6	-0,05	rank	557.

Type data	SHA 10/2018	Herds	80 / 32	Daug.	459	78,9	Rel.	97 %	TYPE	1,42
								rank	71.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,71									
Angularity	3,08									
Chest Width	-1,42									
Body Depth	0,36									
Rump Angle	0,03									
Rear Legs Side View	-0,63									
Foot Angle	0,02									
Fore Udder Attachment	0,01									
Front Teat Placement	2,02									
Teat Length	-0,27									
Rear Udder Height	0,47									
Rear Udder Width	-1,53									
Central Ligament	1,29									
Udder Depth	0,60									
Rump Width	1,01									
Rear Legs Rear View	1,01									
Rear Teat Placement	2,32									
Locomotion	-0,11									
Body Condition	-2,13									

daught. average

81,3	Frame	0,46
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79,5	Dairy Strength	3,32
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78,6	Feet & Legs	0,36
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77,7	Udder	0,78
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	SHI	44,3
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rank 281.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
ALNA SUPERNOVA RED-ET	CA000106249562	03.08.2010	GSE-001
Country of origin	CA	Breed	R100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	13.09.2010
		CA	DC263483

Pedigree

Sire	PGS	DUDOC MR BURNS-ET	
SCHILLVIEW GLADSTONE-ET		CA000100745543	BS-047
US000065334985	PGD	SCHILLVIEW OMAN GLISTEN-ET	
		US000052805706	
Dam	MGS	BRAEDALE GOLDWYN-ET	
GEN-I-BEQ GOLDWYN STORY-ET		CA000010705608	GAD-002
CA000103939451	MGD	GLEN DRUMMOND SPLENDOR-ET	
		CA000006847680	

Milk production data	SK 10/2018	Herds	40	Daug.	685	Rel.	98 %	SPI	597
Number controls		BV		Milk		Fat		rank	345.
7828				86		11	0,14	SCS	3,06
								rank	632.

Type data	SHA 10/2018	Herds	12 / 6	Daug.	26	82,0	Rel.	59 %	TYPE	1,41
								rank	72.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	1,43									
Angularity	-0,26									
Chest Width	1,12									
Body Depth	0,09									
Rump Angle	-0,75									
Rear Legs Side View	0,35									
Foot Angle	0,57									
Fore Udder Attachment	1,17									
Front Teat Placement	0,88									
Teat Length	-1,09									
Rear Udder Height	0,48									
Rear Udder Width	-0,18									
Central Ligament	-0,96									
Udder Depth	1,32									
Rump Width	0,54									
Rear Legs Rear View	0,48									
Rear Teat Placement	1,10									
Locomotion	1,07									
Body Condition	-0,37									

daught. average	86,0	Frame	1,53
	82,2	Dairy Strength	0,23
	83,7	Feet & Legs	0,97
	79,1	Udder	1,05
		SHI	74,5
		rank	177.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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Bull name	Registration number	Birth date	State Register
DG MYRACHIP-ET	NL000874602904	28.10.2012	GAD-020
Country of origin	NL	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	19.11.2012
		DE	12/15046

Pedigree

Sire	PGS	BRAEDALE GOLDWYN-ET
MR CHASSITY GOLD CHIP-ET		CA000010705608
US000140145553	PGD	REGANCREST S CHASSITY-ET
		US000062496899
Dam	MGS	APPLOUIS JET STREAM-ET
FOX BERRY STREAM MYRA 619-ET		US000130558361
US000063203661	MGD	MS HEARTBEAT JM MAGGIE MAE
		US000133912027

Milk production data	SK 10/2018	Herds	37	Daug.	640	Rel.	98 %	SPI	2473
Number controls		BV		Milk		Fat	%	Prot.	%
4848				597	31	0,12	13	-0,12	
								SCS	2,25
								rank	80.
								rank	20.

Type data	SHA 10/2018	Herds	52 / 16	Daug.	188	82,1	Rel.	91 %	TYPE	1,41
									rank	73.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	2,11									
Angularity	0,35									
Chest Width	-0,06									
Body Depth	-0,69									
Rump Angle	-1,95									
Rear Legs Side View	0,14									
Foot Angle	-0,11									
Fore Udder Attachment	1,62									
Front Teat Placement	1,98									
Teat Length	-1,34									
Rear Udder Height	1,00									
Rear Udder Width	-0,25									
Central Ligament	1,81									
Udder Depth	2,64									
Rump Width	0,04									
Rear Legs Rear View	0,11									
Rear Teat Placement	1,40									
Locomotion	1,43									
Body Condition	-0,26									

daught. average

85,8	Frame	1,51
81,5	Dairy Strength	-0,15
83,4	Feet & Legs	0,62
79,9	Udder	1,16
	SHI	130,8
	rank	52.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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Bull name	Registration number	Birth date	State Register
MEYB-ET	DK002371401847	01.02.2008	BES-020
Country of origin	DK	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	31.10.2008
		DK	141530

Pedigree

Sire	PGS	JOCKO BESN
APPLOUIS JET STREAM-ET		FR005694028588
US000130558361	PGD	APPLOUIS MANFRED JULIET-ET
		US000127325435
Dam	MGS	OPSAL FINLEY-ET
JEFFANA FINLEY FOXY-ET		US000120780521
US000061369108	MGD	TO-MA DURHAM FLORAL-ET
		US000129409524

Milk production data	SK 10/2018	Herds	30	Daug.	183	Rel.	96 %	SPI	2066
Number controls		BV		Milk		Fat	%	rank	115.
3728				574		14	-0,15	SCS	3,09
						14	-0,08	rank	678.

Type data	SHA 10/2018	Herds	19 / 12	Daug.	84	81,2	Rel.	84 %	TYPE	1,40
								rank	74.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	1,58									
Angularity	0,49									
Chest Width	0,70									
Body Depth	0,09									
Rump Angle	0,89									
Rear Legs Side View	-0,90									
Foot Angle	0,89									
Fore Udder Attachment	0,34									
Front Teat Placement	0,75									
Teat Length	0,44									
Rear Udder Height	-0,09									
Rear Udder Width	0,38									
Central Ligament	1,19									
Udder Depth	1,07									
Rump Width	1,09									
Rear Legs Rear View	0,19									
Rear Teat Placement	0,28									
Locomotion	-0,75									
Body Condition	0,11									

daught. average

86,5	Frame	1,71
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81,5	Dairy Strength	0,55
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82,0	Feet & Legs	0,50
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78,1	Udder	0,96
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	SHI	118,5
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rank 73.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
ROCKO	FR002253771662	29.05.2000	BES-014
Country of origin	FR	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	20.03.2003
		FR	F/S 154410

Pedigree

Sire	PGS	BESNE-BUCK
JOCKO BESN		FR004486041658
FR005694028588	PGD	GAIA
		FR005691017484
Dam	MGS	ETAZON LORD LILY-ET
NARBONNE		NL000780180664
FR002297001602	MGD	HOTESSE
		FR002292022708

Milk production data	SK 10/2018	Herds	16	Daug.	209	Rel.	97 %	SPI	-569
Number controls		BV		Milk		Fat		rank	585.
4361				-246		-7	0,04	SCS	3,26
						-1	0,15	rank	895.

Type data	SHA 10/2018	Herds	26 / 9	Daug.	133	79,8	Rel.	90 %	TYPE	1,40
								rank	75.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,36									
Angularity	0,12									
Chest Width	0,15									
Body Depth	-1,10									
Rump Angle	1,25									
Rear Legs Side View	-1,92									
Foot Angle	0,32									
Fore Udder Attachment	0,59									
Front Teat Placement	-0,03									
Teat Length	0,03									
Rear Udder Height	0,88									
Rear Udder Width	0,23									
Central Ligament	0,66									
Udder Depth	0,98									
Rump Width	0,81									
Rear Legs Rear View	2,42									
Rear Teat Placement	0,77									
Locomotion	2,15									
Body Condition	0,11									

daught. average

82,8	Frame	0,44
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79,6	Dairy Strength	-0,18
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80,4	Feet & Legs	1,97
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78,1	Udder	1,45
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	SHI	38,8
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rank 302.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
SHOREMAR MASON-ET	CA000005279989	24.11.1990	LID-001
Country of origin	CA	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	21.03.1991
		CAN	242086

Pedigree

Sire	PGS	S-W-D VALIANT
A TOWNSON LINDY-ET		US000001650414
CA000000382748	PGD	TOWNSON ELEVATION LINDY
		US000008721357
Dam	MGS	HANOVERHILL STARBUCK
MEADOW BRIDGE MEGAN-ET		CA000000352790
CA000004244417	MGD	MEADOW BRIDGE FOND MEG-ET
		CA000003339043

Milk production data	SK 10/2018	Herds	44	Daug.	404	Rel.	98 %	SPI	-267
Number controls		BV		Milk		Fat		rank	513.
8043				50		-12	-0,26	SCS	4,06
						-0	-0,04	rank	1274.

Type data	SHA 10/2018	Herds	29 / 15	Daug.	83	78,5	Rel.	86 %	TYPE	1,40
								rank	76.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,77									
Angularity	1,78									
Chest Width	0,26									
Body Depth	2,25									
Rump Angle	0,95									
Rear Legs Side View	0,94									
Foot Angle	-0,29									
Fore Udder Attachment	-1,43									
Front Teat Placement	-1,16									
Teat Length	0,54									
Rear Udder Height	1,23									
Rear Udder Width	1,73									
Central Ligament	1,20									
Udder Depth	-1,05									
Rump Width	0,28									
Rear Legs Rear View	0,09									
Rear Teat Placement	0,89									
Locomotion	-0,66									
Body Condition	-0,24									

daught. average

80,8	Frame	1,13
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78,8	Dairy Strength	2,90
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77,7	Feet & Legs	-1,09
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77,7	Udder	0,82
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	SHI	47,9
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rank 271.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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Bull name	Registration number	Birth date	State Register
COBRA	FR004509627006	10.03.2007	BW-035

Country of origin	FR	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	07.06.2007
		FR	F/S 393276

Pedigree

Sire	PGS	MARA-THON BW MARSHALL-ET TV
LADYS-MANOR WILDMAN-ET		US000002290977
US000130803069	PGD	LADYS-MANOR WYNONA-ET
		US000123508757
Dam	MGS	ALZI JUROR FORD
TAGE		IT003604039709
FR004460977621	MGD	RIVIERE
		FR004460977563

Milk production data	SK 10/2018	Herds	52	Daug.	422	Rel.	98 %	SPI	25
Number controls		BV		Milk		Fat	%	Prot.	%
7413				3	9	0,15	-3	-0,08	
								SCS	2,77
								rank	269.

Type data	SHA 10/2018	Herds	45 / 19	Daug.	105	80,6	Rel.	87 %	TYPE	1,39
									rank	77.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,71									
Angularity	1,61									
Chest Width	-0,76									
Body Depth	0,99									
Rump Angle	-0,09									
Rear Legs Side View	0,75									
Foot Angle	0,04									
Fore Udder Attachment	0,66									
Front Teat Placement	-0,24									
Teat Length	0,89									
Rear Udder Height	1,05									
Rear Udder Width	0,31									
Central Ligament	1,05									
Udder Depth	0,42									
Rump Width	-0,28									
Rear Legs Rear View	0,98									
Rear Teat Placement	0,78									
Locomotion	0,58									
Body Condition	-1,77									

daught. average

84,2	Frame	0,56
81,8	Dairy Strength	1,69
81,8	Feet & Legs	0,76
77,7	Udder	1,15
	SHI	56,3
	rank	243.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

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Bull name	Registration number	Birth date	State Register
GENOS HAMPGEN	NL000366267086	23.09.2003	CHP-001
Country of origin	NL	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	03.11.2004
		CZ	0401700

Pedigree

Sire	PGS	STARTMORE RUDOLPH-ET
CALBRETT-I H H CHAMPION-ET		CA000005470579
CA000006961162	PGD	SKYS-THE-LIMIT CLAIRE-ET
RUH-002		US000015386863
Dam	MGS	REGANCREST ELTON DURHAM-ET
CROCKETT-ACRES DRHM MAE-ET		US000002250783
US000207124776	MGD	WAUREGAN MAEBELL-ET
		US000017368952

Milk production data	SK 10/2018	Herds	36	Daug.	90	Rel.	93 %	SPI	-560
Number controls		BV		Milk		Fat		rank	583.
1893				-137		-4	0,01	SCS	2,46
						-4	0,00	rank	70.

Type data	SHA 10/2018	Herds	10 / 8	Daug.	22	79,1	Rel.	66 %	TYPE	1,39
								rank	78.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,79									
Angularity	1,13									
Chest Width	0,17									
Body Depth	1,23									
Rump Angle	-0,10									
Rear Legs Side View	-0,55									
Foot Angle	0,29									
Fore Udder Attachment	-0,21									
Front Teat Placement	0,32									
Teat Length	-1,40									
Rear Udder Height	0,19									
Rear Udder Width	0,63									
Central Ligament	1,56									
Udder Depth	-0,53									
Rump Width	0,92									
Rear Legs Rear View	0,95									
Rear Teat Placement	0,31									
Locomotion	0,53									
Body Condition	-1,37									

daught. average

81,9	Frame	0,95
80,4	Dairy Strength	1,78
79,1	Feet & Legs	0,39
77,2	Udder	0,80
	SHI	38,6
	rank	306.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

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Bull name	Registration number	Birth date	State Register
DREAM-PRAIRIE BG BRUNO-ET	US000139456657	23.05.2008	LU-040

Country of origin	US	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	26.03.2009
		US	MO9050852

Pedigree

Sire	PGS	LEXVOLD LUKE HERSHEL-ET	
SANDY-VALLEY BOLTON-ET		US000002294436	LU-013
US000131823833	PGD	SANDY-VALLEY BLESSING-ET	
		US000128824973	
Dam	MGS	BRAEDALE GOLDWYN-ET	
REGANCREST GOLD BRETТА-ET		CA000010705608	GAD-002
US000062496942	MGD	REGANCREST THRONE BRANDI-ET	
		US000061361640	

Milk production data	SK 10/2018	Herds	39	Daug.	499	Rel.	98 %	SPI	2402
Number controls		BV		Milk		Fat	%	Prot.	%
9981				429	22	0,08	19	0,11	SCS
									rank
									84.
									rank
									606.

Type data	SHA 10/2018	Herds	57 / 19	Daug.	221	81,3	Rel.	93 %	TYPE	1,38
									rank	79.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,86									
Angularity	1,07									
Chest Width	-0,36									
Body Depth	-0,86									
Rump Angle	1,22									
Rear Legs Side View	0,85									
Foot Angle	0,04									
Fore Udder Attachment	1,58									
Front Teat Placement	1,52									
Teat Length	0,49									
Rear Udder Height	1,50									
Rear Udder Width	1,90									
Central Ligament	-0,27									
Udder Depth	0,61									
Rump Width	-1,44									
Rear Legs Rear View	0,72									
Rear Teat Placement	1,57									
Locomotion	0,52									
Body Condition	-0,83									

daught. average

84,6	Frame	0,50
81,3	Dairy Strength	0,29
82,5	Feet & Legs	0,49
78,9	Udder	1,80
	SHI	127,8
	rank	56.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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Bull name	Registration number	Birth date	State Register
BUCKINGHAM	DE000115586093	02.02.2007	BW-038
Country of origin	DE	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	25.10.2007
		DE	07/43630

Pedigree

Sire	PGS	MARA-THON BW MARSHALL-ET TV
R-E-W BUCKEYE-ET		US000002290977
US000130588960	PGD	MAYERLANE RUD BUBBLE-ET
BW-036		US000120536177
Dam	MGS	HARTLINE TITANIC-ET
GRANADA 698		US000123066734
DE000114577698	MGD	EILA
		DE000113668332

Milk production data	SK 10/2018	Herds	27	Daug.	175	Rel.	96 %	SPI	196
Number controls		BV		Milk		Fat	%	Prot.	%
3167				-94	12	0,28	0	0,06	
								SCS	2,88
								rank	425.
								rank	392.

Type data	SHA 10/2018	Herds	10 / 5	Daug.	25	80,5	Rel.	64 %	TYPE	1,38
									rank	80.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	1,81									
Angularity	0,49									
Chest Width	1,18									
Body Depth	0,49									
Rump Angle	-0,05									
Rear Legs Side View	-2,24									
Foot Angle	1,50									
Fore Udder Attachment	-0,03									
Front Teat Placement	-0,12									
Teat Length	1,75									
Rear Udder Height	-0,42									
Rear Udder Width	0,56									
Central Ligament	-0,10									
Udder Depth	0,36									
Rump Width	0,18									
Rear Legs Rear View	0,73									
Rear Teat Placement	-0,40									
Locomotion	1,15									
Body Condition	0,50									

daught. average

85,8	Frame	1,98
82,0	Dairy Strength	0,98
82,4	Feet & Legs	1,66
76,1	Udder	-0,10
	SHI	61,3
	rank	227.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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Bull name	Registration number	Birth date	State Register
TEJUT BACK STORMATIC	HU003236600859	26.05.2003	SOM-010
Country of origin	HU	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	07.08.2003
		HUN	25914/03

Pedigree

Sire	PGS	MAUGHLIN STORM-ET	
COMESTAR STORMATIC-ET		CA000005457798	
CA000006947936	PGD	COMESTAR LAUSAN BLACK	
SOM-006		CA000005319830	
Dam	MGS	GIBBON	
NICOLE		FR002991000305	BEL-019
HU003025946922	MGD	NICOLE	
		HU003006400245	

Milk production data	SK 10/2018	Herds	24	Daug.	92	Rel.	93 %	SPI	58
Number controls		BV		Milk		Fat	%	Prot.	%
1768				141		-8	-0,26	1	-0,07
								SCS	3,09
								rank	450.
								rank	680.

Type data	SHA 10/2018	Herds	6 / 3	Daug.	16	79,1	Rel.	59 %	TYPE	1,38
									rank	81.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,91									
Angularity	0,65									
Chest Width	0,18									
Body Depth	0,29									
Rump Angle	0,68									
Rear Legs Side View	-0,87									
Foot Angle	-0,28									
Fore Udder Attachment	0,50									
Front Teat Placement	0,35									
Teat Length	0,54									
Rear Udder Height	0,76									
Rear Udder Width	0,40									
Central Ligament	1,90									
Udder Depth	0,07									
Rump Width	-0,54									
Rear Legs Rear View	1,38									
Rear Teat Placement	0,26									
Locomotion	0,90									
Body Condition	0,73									

daught. average

83,3	Frame	0,99
79,3	Dairy Strength	1,14
79,1	Feet & Legs	0,68
77,0	Udder	0,91
	SHI	56,8
	rank	240.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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Bull name	Registration number	Birth date	State Register
SPYER	DE000114015078	06.04.2004	SOM-011
Country of origin	DE	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	11.06.2004
		DE	04/38102

Pedigree

Sire	PGS	MAUGHLIN STORM-ET	
BRAEDALE SPY		CA000005457798	
CA000006860836	PGD	BRAEDALE GYPSY GRAND	
		CA000005912235	
Dam	MGS	EMERALD-ACRES-SA TONIC-ET	
UGANDA		US000002074727	CLE-011
DE000108797584	MGD	SCHWALBE	
		DE000108274831	

Milk production data	SK 10/2018	Herds	22	Daug.	74	Rel.	91 %	SPI	-1502
Number controls		BV		Milk	Fat	%	Prot.	%	rank
1369				-414	-13	0,05	-9	0,08	SCS
									rank
									813.
									608.

Type data	SHA 10/2018	Herds	15 / 7	Daug.	31	79,8	Rel.	68 %	TYPE	1,37
									rank	82.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,74									
Angularity	2,08									
Chest Width	0,67									
Body Depth	0,53									
Rump Angle	-1,43									
Rear Legs Side View	-1,18									
Foot Angle	2,39									
Fore Udder Attachment	0,29									
Front Teat Placement	-0,92									
Teat Length	-0,03									
Rear Udder Height	0,10									
Rear Udder Width	1,16									
Central Ligament	-1,08									
Udder Depth	-0,39									
Rump Width	0,59									
Rear Legs Rear View	-0,01									
Rear Teat Placement	0,29									
Locomotion	0,66									
Body Condition	0,41									

daught. average

82,5	Frame	0,78
81,8	Dairy Strength	2,56
80,0	Feet & Legs	1,46
77,3	Udder	-0,01
	SHI	9,6
	rank	423.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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Bull name	Registration number	Birth date	State Register
RH DG ADAM-RED-ET	NL000759639320	21.11.2013	MED-050
Country of origin	NL	Breed	R100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	12.02.2014
		DE	14/1559

Pedigree

Sire	PGS	FLEVO GENETICS SNOWMAN-ET
GEN-I-BEQ AIKMAN-ET		NL000388965513
CA000106807394	PGD	KHW-I AIKA BAXTER-ET
		CA000105054246
Dam	MGS	OUR-FAVORITE DETOX-ET
AVEA RED-ET		US000139877537
FR004934530862	MGD	KHW-I AIKA BAXTER-ET
		CA000105054246

Milk production data	SK 10/2018	Herds	19	Daug.	188	Rel.	92 %	SPI	3536
Number controls		BV		Milk		Fat		rank	26.
919				610		48	0,40	SCS	2,89
								rank	412.

Type data	SHA 10/2018	Herds	13 / 6	Daug.	39	81,8	Rel.	68 %	TYPE	1,35
								rank	83.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	1,48									
Angularity	0,17									
Chest Width	0,14									
Body Depth	0,16									
Rump Angle	-0,72									
Rear Legs Side View	-0,49									
Foot Angle	-0,74									
Fore Udder Attachment	0,62									
Front Teat Placement	0,51									
Teat Length	-0,09									
Rear Udder Height	0,26									
Rear Udder Width	0,70									
Central Ligament	2,08									
Udder Depth	1,50									
Rump Width	-0,41									
Rear Legs Rear View	1,34									
Rear Teat Placement	1,68									
Locomotion	1,11									
Body Condition	-1,37									

daught. average

85,4 **Frame** **1,28**

80,7 **Dairy Strength** **0,25**

83,7 **Feet & Legs** **0,69**

79,4 **Udder** **1,05**

SHI **160,8**

rank 26.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
COMESTAR STORMATIC-ET	CA000006947936	07.09.1997	SOM-006

Country of origin	CA	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	26.08.1998
		CAN	BT423414

Pedigree

Sire	PGS	MADAWASKA AEROSTAR	
MAUGHLIN STORM-ET		CA000000383622	STB-011
CA000005457798	PGD	WYKHOLME DEWDROP TACY-ET	
		CA000004467150	
Dam	MGS	TO-MAR BLACKSTAR-ET	
COMESTAR LAUSAN BLACK		US000001929410	CHR-002
CA000005319830	MGD	COMESTAR LAURIE SHEIK-ET	
		CA000004425038	

Milk production data	SK 10/2018	Herds	24	Daug.	228	Rel.	97 %	SPI	-1103
Number controls		BV		Milk		Fat	%	Prot.	%
4415				-154		-1	-0,08	-1	-0,12
								SCS	3,15
								rank	714.
								rank	741.

Type data	SHA 10/2018	Herds	19 / 8	Daug.	83	79,5	Rel.	88 %	TYPE	1,35
									rank	84.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	1,12									
Angularity	1,76									
Chest Width	-0,30									
Body Depth	-0,23									
Rump Angle	-0,07									
Rear Legs Side View	-0,80									
Foot Angle	0,19									
Fore Udder Attachment	0,79									
Front Teat Placement	0,16									
Teat Length	-1,24									
Rear Udder Height	1,15									
Rear Udder Width	1,76									
Central Ligament	0,14									
Udder Depth	0,64									
Rump Width	-0,09									
Rear Legs Rear View	0,32									
Rear Teat Placement	0,11									
Locomotion	-0,10									
Body Condition	-0,75									

daught. average

82,3	Frame	0,93
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80,3	Dairy Strength	1,76
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78,3	Feet & Legs	0,32
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78,4	Udder	1,00
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	SHI	20,9
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rank 368.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
BELFAST SAPHIRE-ET	CA000101627624	21.05.2003	CHP-007
Country of origin	CA	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	06.01.2004
		CA	DC109978

Pedigree

Sire	PGS	STARTMORE RUDOLPH-ET	
CALBRETT-I H H CHAMPION-ET		CA000005470579	ARS-015
CA000006961162	PGD	SKYS-THE-LIMIT CLAIRE-ET	
RUH-002		US000015386863	
Dam	MGS	COMESTAR LEE-ET	
GEN-I-BEQ LEE SPENDIDE-ET		CA000005757117	RAR-001
CA000010654698	MGD	GLEN DRUMMOND SPLENDOR-ET	
		CA000006847680	

Milk production data	SK 10/2018	Herds	27	Daug.	970	Rel.	99 %	SPI	426
Number controls		BV		Milk		Fat	%	Prot.	%
18120				201	2	-0,11	1	-0,11	SCS
									rank
									373.
									rank
									318.

Type data	SHA 10/2018	Herds	11 / 3	Daug.	80	79,5	Rel.	84 %	TYPE	1,34
									rank	85.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	1,31									
Angularity	2,21									
Chest Width	-0,90									
Body Depth	0,19									
Rump Angle	0,58									
Rear Legs Side View	-0,62									
Foot Angle	0,26									
Fore Udder Attachment	0,78									
Front Teat Placement	1,21									
Teat Length	-0,64									
Rear Udder Height	0,30									
Rear Udder Width	0,35									
Central Ligament	-0,71									
Udder Depth	0,30									
Rump Width	-0,06									
Rear Legs Rear View	0,03									
Rear Teat Placement	0,33									
Locomotion	-0,93									
Body Condition	-1,11									

daught. average

83,6	Frame	0,89
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81,5	Dairy Strength	2,24
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78,6	Feet & Legs	-0,46
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76,9	Udder	0,95
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	SHI	66,6
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rank 208.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
HENKESEEN EMPEROR-ET	US000017256762	02.07.1996	EMY-002
Country of origin	US	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	01.05.1997
		CAN	232876A

Pedigree

Sire	PGS	TO-MAR BLACKSTAR-ET	
MJR BLACKSTAR EMORY-ET		US000001929410	CHR-002
US000002114601	PGD	MJR ROTATE ELSIE	
		US000012600262	
Dam	MGS	CURRIES-M HOLIDAY-ET	
HENKESEEN M HILLARY-ET		US000002012343	NBY-013
US000014973207	MGD	HENKESEEN MARK MARCI	
		US000012759086	

Milk production data	SK 10/2018	Herds	84	Daug.	1598	Rel.	99 %	SPI	460
Number controls		BV		Milk		Fat	%	rank	366.
31727				287		-6	-0,31	3	-0,12
								SCS	2,67
								rank	176.

Type data	SHA 10/2018	Herds	57 / 21	Daug.	561	79,1	Rel.	97 %	TYPE	1,34
								rank	86.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,57									
Angularity	1,59									
Chest Width	-0,09									
Body Depth	0,88									
Rump Angle	-2,09									
Rear Legs Side View	-1,43									
Foot Angle	0,84									
Fore Udder Attachment	-0,62									
Front Teat Placement	-0,82									
Teat Length	0,30									
Rear Udder Height	-0,08									
Rear Udder Width	1,34									
Central Ligament	2,55									
Udder Depth	-0,57									
Rump Width	0,69									
Rear Legs Rear View	-0,42									
Rear Teat Placement	0,21									
Locomotion	1,15									
Body Condition	-1,48									

daught. average

81,8	Frame	0,46
80,0	Dairy Strength	2,10
79,0	Feet & Legs	1,27
77,4	Udder	0,71
	SHI	67,3
	rank	205.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
MAPEL WOOD ESTIMATE-ET	CA000005925716	01.10.1993	PEL-015
Country of origin	CA	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	22.12.1993
		CAN	315918

Pedigree

Sire	PGS	HANOVERHILL STARBUCK
RONNYBROOK PRELUDE-ET		CA000000352790
CA000000392457	PGD	KELLYS-VIEW GLENDELL KELCO
STB-016		US000009739109
Dam	MGS	WALKWAY CHIEF MARK
CALBRETT MARK LOTTO-ET		US000001773417
CA000004434218	MGD	TIKVAH TAINTED LADY
		CA000004037876

Milk production data	SK 10/2018	Herds	65	Daug.	1198	Rel.	99 %	SPI	937
Number controls		BV		Milk		Fat		rank	290.
24795				139		22	0,29	SCS	3,09
								rank	671.

Type data	SHA 10/2018	Herds	50 / 19	Daug.	392	78,6	Rel.	96 %	TYPE	1,33
								rank	87.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	1,86									
Angularity	1,31									
Chest Width	0,79									
Body Depth	1,18									
Rump Angle	1,05									
Rear Legs Side View	-0,23									
Foot Angle	0,41									
Fore Udder Attachment	-0,32									
Front Teat Placement	-1,01									
Teat Length	-1,22									
Rear Udder Height	-0,51									
Rear Udder Width	-0,41									
Central Ligament	0,05									
Udder Depth	-0,64									
Rump Width	2,51									
Rear Legs Rear View	-0,17									
Rear Teat Placement	0,64									
Locomotion	2,06									
Body Condition	0,02									

daught. average

82,7	Frame	2,15
78,8	Dairy Strength	2,43
78,7	Feet & Legs	0,87
76,4	Udder	-0,80
	SHI	81,5
	rank	159.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
WALKERBRAE LOGISTIC	CA000006754099	12.02.1997	RUH-005
Country of origin	CA	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	03.10.1997
		CAN	403740

Pedigree

Sire	PGS	MADAWASKA AEROSTAR	
STARTMORE RUDOLPH-ET		CA000000383622	STB-011
CA000005470579	PGD	STARTMORE RACHELLE-ET	
ARS-015		CA000004324253	
Dam	MGS	DUREGAL ASTRE STARBUCK ET	
WALKERBRAE ASTRE LINDA-ET		CA000000392405	STB-015
CA000005904795	MGD	PINEHURST BELINDI-ET	
		CA000014055382	

Milk production data	SK 10/2018	Herds	81	Daug.	1787	Rel.	99 %	SPI	1759
Number controls		BV		Milk		Fat	%	Prot.	%
36694				630		12	-0,22	9	-0,22
								SCS	2,85
								rank	144.
								rank	352.

Type data	SHA 10/2018	Herds	34 / 11	Daug.	279	79,4	Rel.	95 %	TYPE	1,33
								rank	88.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	1,19									
Angularity	2,06									
Chest Width	-0,27									
Body Depth	-0,17									
Rump Angle	0,64									
Rear Legs Side View	-0,52									
Foot Angle	-0,41									
Fore Udder Attachment	-0,01									
Front Teat Placement	-0,41									
Teat Length	0,03									
Rear Udder Height	0,96									
Rear Udder Width	0,62									
Central Ligament	-0,00									
Udder Depth	1,03									
Rump Width	0,24									
Rear Legs Rear View	0,85									
Rear Teat Placement	-0,31									
Locomotion	-0,46									
Body Condition	-1,34									

daught. average

83,4	Frame	1,12
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80,5	Dairy Strength	2,50
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78,4	Feet & Legs	-0,45
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77,4	Udder	0,67
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	SHI	106,2
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rank 98.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
VENIZELO	FR002929952357	20.08.2004	SOM-022
Country of origin	FR	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	29.08.2006
		FR	F/S A11135

Pedigree

Sire	PGS	MAUGHLIN STORM-ET
HARTLINE TITANIC-ET		CA000005457798
US000123066734	PGD	DOCO LEADMAN TENACIOUS
SOM-007		US000014734618
Dam	MGS	ETAZON ADDISON-ET
RIVERA		NL000839380546
FR002929952004	MGD	NOUMEA
		FR002997001284

Milk production data	SK 10/2018	Herds	21	Daug.	55	Rel.	89 %	SPI	1722
Number controls		BV		Milk		Fat	%	Prot.	%
968				403		17	0,02	11	-0,04
								SCS	2,67
								rank	148.
								rank	173.

Type data	SHA 10/2018	Herds	13 / 6	Daug.	31	79,0	Rel.	70 %	TYPE	1,32
									rank	89.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,20									
Angularity	1,55									
Chest Width	-1,67									
Body Depth	0,31									
Rump Angle	0,81									
Rear Legs Side View	-1,14									
Foot Angle	0,74									
Fore Udder Attachment	0,58									
Front Teat Placement	1,69									
Teat Length	0,05									
Rear Udder Height	1,72									
Rear Udder Width	2,42									
Central Ligament	-0,66									
Udder Depth	-0,24									
Rump Width	-1,47									
Rear Legs Rear View	-0,44									
Rear Teat Placement	-0,59									
Locomotion	0,18									
Body Condition	-0,56									

daught. average

80,7	Frame	-0,46
79,8	Dairy Strength	1,24
78,4	Feet & Legs	1,25
77,9	Udder	1,46
	SHI	104,8
	rank	106.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
HARTLINE JAREB CRI-ET	US000065801567	03.06.2009	BS-067

Country of origin	US	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	15.07.2009
		US	M09054856

Pedigree

Sire	PGS	ROSE-BAUM TABOO-ET
ENSENADA TABOO PLANET-ET		US000017121203
US000060597003	PGD	PLUSHANSKI AMEL PATTY-ET
BS-050		US000130161039
Dam	MGS	KINGS-RANSOM M DUCE-ET
HARTLINE DUCE JEWEL-ET		US000060082142
US000136903048	MGD	APPLOUIS JOCKO JULI-ET
		US000131257414

Milk production data	SK 10/2018	Herds	11	Daug.	156	Rel.	91 %	SPI	2476
Number controls		BV		Milk		Fat		rank	79.
932				550		23	0,02	SCS	2,78
								rank	288.

Type data	SHA 10/2018	Herds	30 / 7	Daug.	117	82,5	Rel.	87 %	TYPE	1,32
								rank	90.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,64									
Angularity	0,88									
Chest Width	-0,37									
Body Depth	-0,30									
Rump Angle	0,18									
Rear Legs Side View	-1,07									
Foot Angle	-0,03									
Fore Udder Attachment	1,78									
Front Teat Placement	1,35									
Teat Length	-0,83									
Rear Udder Height	1,57									
Rear Udder Width	1,62									
Central Ligament	0,59									
Udder Depth	1,49									
Rump Width	0,38									
Rear Legs Rear View	0,90									
Rear Teat Placement	1,86									
Locomotion	-0,04									
Body Condition	-0,35									

daught. average

85,7	Frame	0,58
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81,5	Dairy Strength	0,50
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83,5	Feet & Legs	0,02
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80,9	Udder	1,86
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	SHI	127,5
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rank 57.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
STAN-BITZIE LITUR MALCOM-ET	US000002258768	09.06.1994	LIT-001
Country of origin	US	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	13.01.1995
		USA	IG205852D

Pedigree

Sire	PGS	ARLINDA ROTATE
ROTHROCK ROTATE LITURGY-ET		US000001697572
US000002039945	PGD	WALKUP VALIANT LOU ELLA
		US000010930744
Dam	MGS	STAN-BITZIE KIRK BELL BOSS
STAN-BITZIE STAN ANGEL		US000001882141
US000013615944	MGD	STAN-BITZIE TONY ANGEL
		US000012288609

Milk production data	SK 10/2018	Herds	174	Daug.	2859	Rel.	99 %	SPI	563
Number controls		BV		Milk		Fat	%	Prot.	%
56003				26		8	0,11	5	0,09
								SCS	3,82
								rank	1252.

Type data	SHA 10/2018	Herds	98 / 36	Daug.	796	78,3	Rel.	98 %	TYPE	1,32
									rank	91.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,29									
Angularity	1,00									
Chest Width	-0,70									
Body Depth	0,31									
Rump Angle	0,96									
Rear Legs Side View	0,08									
Foot Angle	0,37									
Fore Udder Attachment	0,88									
Front Teat Placement	0,13									
Teat Length	0,87									
Rear Udder Height	2,21									
Rear Udder Width	1,44									
Central Ligament	0,31									
Udder Depth	0,41									
Rump Width	0,53									
Rear Legs Rear View	0,63									
Rear Teat Placement	0,17									
Locomotion	0,57									
Body Condition	-1,28									

daught. average

79,5	Frame	-0,24
77,6	Dairy Strength	1,24
78,2	Feet & Legs	0,66
78,0	Udder	1,99
	SHI	69,6
	rank	195.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
NORRIELAKE CLEITUS LUKE-TWIN	US000002071864	07.05.1988	CLE-005
Country of origin	US	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	20.02.1989
		USA	IG120392A

Pedigree

Sire	PGS	SWEET-HAVEN TRADITION
BIS-MAY TRADITION CLEITUS		US000001682485
US000001879085	PGD	BIS-MAY CONDUCTOR CORAL
CLE-003		US000010192628
Dam	MGS	S-W-D VALIANT
NORRIELAKE VALIANT CHEER-ET		US000001650414
US000012365669	MGD	WIT-LANE SAWTOOTH RORAE GLAD
		US000009504018

Milk production data	SK 10/2018	Herds	65	Daug.	530	Rel.	99 %	SPI	1043
Number controls		BV		Milk		Fat	%	rank	265.
10129				493		1	-0,32	SCS	3,44
						5	-0,21	rank	1096.

Type data	SHA 10/2018	Herds	66 / 28	Daug.	215	78,4	Rel.	95 %	TYPE	1,31
								rank	92.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	1,29									
Angularity	1,11									
Chest Width	-0,19									
Body Depth	-0,96									
Rump Angle	0,84									
Rear Legs Side View	-0,83									
Foot Angle	1,40									
Fore Udder Attachment	0,35									
Front Teat Placement	0,34									
Teat Length	-0,09									
Rear Udder Height	-0,17									
Rear Udder Width	-0,33									
Central Ligament	1,94									
Udder Depth	0,59									
Rump Width	0,08									
Rear Legs Rear View	1,49									
Rear Teat Placement	0,84									
Locomotion	-1,04									
Body Condition	-0,64									

daught. average

81,1	Frame	0,91
77,0	Dairy Strength	0,98
78,9	Feet & Legs	1,99
77,4	Udder	0,66
	SHI	84,0
	rank	148.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
FUSTEAD JETSTREAM SOTO-ET	US000139805376	05.03.2009	BES-025

Country of origin	US	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	10.11.2009
		US	MO9058854

Pedigree

Sire	PGS	JOCKO BESN
APPLOUIS JET STREAM-ET		FR005694028588
US000130558361	PGD	APPLOUIS MANFRED JULIET-ET
		US000127325435
Dam	MGS	PICSTON SHOTTLE-ET
FUSTEAD SHOTTLE SALTINE-ET		GB000000598172
US000137898424	MGD	FUSTEAD OMAN SHELLY-ET
		US000061436658

Milk production data	SK 10/2018	Herds	8	Daug.	213	Rel.	94 %	SPI	2925
Number controls		BV		Milk		Fat	%	Prot.	%
1409				723	21	-0,12	21	-0,04	SCS
									rank
									...
									rank
									...

Type data	SHA 10/2018	Herds	29 / 4	Daug.	121	82,3	Rel.	87 %	TYPE	1,31
									rank	93.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	2,12									
Angularity	0,66									
Chest Width	-0,43									
Body Depth	-0,64									
Rump Angle	1,48									
Rear Legs Side View	-0,13									
Foot Angle	1,03									
Fore Udder Attachment	1,12									
Front Teat Placement	1,02									
Teat Length	0,44									
Rear Udder Height	1,33									
Rear Udder Width	-0,84									
Central Ligament	-0,53									
Udder Depth	1,77									
Rump Width	-0,38									
Rear Legs Rear View	-0,98									
Rear Teat Placement	1,08									
Locomotion	1,03									
Body Condition	-0,51									

daught. average	86,5	Frame	1,71
	81,3	Dairy Strength	-0,04
	83,9	Feet & Legs	1,06
	80,1	Udder	0,57
		SHI	140,4
		rank	38.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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Bull name	Registration number	Birth date	State Register
HIGH-SIGHTS BSTAR LIONEL	US000002163046	12.03.1991	BS-024
Country of origin	US	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	11.11.1991
		USA	IG162142E

Pedigree

Sire	PGS	CAL-CLARK BOARD CHAIRMAN
TO-MAR BLACKSTAR-ET		US000001723741
US000001929410	PGD	TO-MAR WAYNE HAY
CHR-002		US000009804790
Dam	MGS	BIS-MAY TRADITION CLEITUS
HIGH-SIGHTS CLEITUS LANA-ET		US000001879085
US000013593240	MGD	WALKUP BELL LOU ETTA
		US000011730637

Milk production data	SK 10/2018	Herds	66	Daug.	931	Rel.	99 %	SPI	-1958
Number controls		BV		Milk		Fat		rank	919.
17380				-483		-15	0,07	SCS	2,97
						-14	0,02	rank	528.

Type data	SHA 10/2018	Herds	67 / 24	Daug.	197	77,3	Rel.	94 %	TYPE	1,30
								rank	94.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,68									
Angularity	1,38									
Chest Width	-0,38									
Body Depth	0,42									
Rump Angle	-0,87									
Rear Legs Side View	-1,46									
Foot Angle	0,46									
Fore Udder Attachment	-0,02									
Front Teat Placement	-1,15									
Teat Length	1,56									
Rear Udder Height	1,12									
Rear Udder Width	1,44									
Central Ligament	1,39									
Udder Depth	0,41									
Rump Width	-0,71									
Rear Legs Rear View	-1,30									
Rear Teat Placement	0,46									
Locomotion	0,14									
Body Condition	-1,08									

daught. average

80,4	Frame	0,49
75,5	Dairy Strength	2,00
77,1	Feet & Legs	0,25
76,7	Udder	1,25
	SHI	-6,9
	rank	494.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
FOGAT	DE000347430673	22.12.2001	FBE-002

Country of origin	DE	Breed	R100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	03.01.2002
		DEU	02/42

Pedigree

Sire	PGS	RENOWN FACTOR-ET
FABER RED-ET		US000002129913
DE000340174036	PGD	LORELEY 12
		DE001021135253
Dam	MGS	EVREUX CLE-ET
ELLENA CLE-ET		FR003789007571
DE000577049496	MGD	ELENA
		DE001015201284

Milk production data	SK 10/2018	Herds	29	Daug.	97	Rel.	91 %	SPI	-1900
Number controls		BV		Milk		Prot.		rank	905.
1780				-596	-5	0,36	-15	SCS	3,13
								rank	718.

Type data	SHA 10/2018	Herds	5 / 3	Daug.	11	79,5	Rel.	51 %	TYPE	1,30
								rank	95.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	1,05									
Angularity	0,45									
Chest Width	-0,39									
Body Depth	0,96									
Rump Angle	-0,49									
Rear Legs Side View	-0,85									
Foot Angle	1,27									
Fore Udder Attachment	1,12									
Front Teat Placement	0,54									
Teat Length	-0,67									
Rear Udder Height	0,74									
Rear Udder Width	1,10									
Central Ligament	-0,92									
Udder Depth	-0,08									
Rump Width	0,93									
Rear Legs Rear View	0,26									
Rear Teat Placement	0,53									
Locomotion	0,06									
Body Condition	-0,64									

daught. average

82,9	Frame	1,21
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78,6	Dairy Strength	0,45
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80,4	Feet & Legs	0,48
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77,9	Udder	1,11
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	SHI	-5,1
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rank 485.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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Bull name	Registration number	Birth date	State Register
AIMAR	FR008538921289	04.12.2005	PEL-047

Country of origin	FR	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	29.03.2006
		FR	F/S 335820

Pedigree

Sire	PGS	CAROL PRELUDE MTOTO-ET
PICSTON SHOTTLE-ET		IT006001001962
GB000000598172	PGD	CONDON AERO SHARON
PEL-033		CA000005373153
Dam	MGS	JESTHER-ET
SALLE		FR005994022699
FR008538925605	MGD	NATTE
		FR008597030244

Milk production data	SK 10/2018	Herds	28	Daug.	456	Rel.	98 %	SPI	2141
Number controls		BV		Milk		Fat	%	rank	108.
8975				901		3	-0,51	13	-0,30
								SCS	2,53
								rank	93.

Type data	SHA 10/2018	Herds	25 / 9	Daug.	123	81,5	Rel.	88 %	TYPE	1,30
								rank	96.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	1,07									
Angularity	0,63									
Chest Width	0,02									
Body Depth	-0,25									
Rump Angle	1,46									
Rear Legs Side View	-0,48									
Foot Angle	1,01									
Fore Udder Attachment	1,14									
Front Teat Placement	-0,39									
Teat Length	0,71									
Rear Udder Height	0,87									
Rear Udder Width	1,05									
Central Ligament	0,05									
Udder Depth	0,94									
Rump Width	0,97									
Rear Legs Rear View	-0,64									
Rear Teat Placement	0,26									
Locomotion	0,07									
Body Condition	-0,28									

daught. average

85,9	Frame	1,08
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81,6	Dairy Strength	0,46
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83,0	Feet & Legs	0,71
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78,4	Udder	1,08
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	SHI	116,6
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rank 79.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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Bull name	Registration number	Birth date	State Register
KERNDT GRUMPY THUNDER-ET	US000207497168	04.03.2003	RUH-015

Country of origin	US	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	02.10.2003
		US	IG014444A

Pedigree

Sire	PGS	STARTMORE RUDOLPH-ET
TIMLYNN ADAM-ET		CA000005470579
US000017365628		ARS-015
RUH-009	PGD	TIMLYNN WINKEN APRIL-ET
		US000015395352
Dam	MGS	CAROL PRELUDE MTOTO-ET
KERNDT MATTIE GRUMPY-ET		IT006001001962
US000207128752	MGD	KERNDT MEXIE REMARK MATTIE
		US000017045274

Milk production data	SK 10/2018	Herds	9	Daug.	64	Rel.	91 %	SPI	914
Number controls		BV		Milk		Fat	%	Prot.	%
1419				397		-9	-0,43	9	-0,06
								SCS	2,91
								rank	...
								rank	...

Type data	SHA 10/2018	Herds	13 / 4	Daug.	50	81,2	Rel.	77 %	TYPE	1,30
									rank	97.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,21									
Angularity	0,96									
Chest Width	0,28									
Body Depth	0,64									
Rump Angle	0,68									
Rear Legs Side View	-1,32									
Foot Angle	0,24									
Fore Udder Attachment	-0,00									
Front Teat Placement	0,89									
Teat Length	-0,01									
Rear Udder Height	-0,24									
Rear Udder Width	-0,13									
Central Ligament	0,93									
Udder Depth	0,09									
Rump Width	1,49									
Rear Legs Rear View	1,22									
Rear Teat Placement	0,20									
Locomotion	1,07									
Body Condition	-0,47									

daught. average

83,6	Frame	0,56
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80,9	Dairy Strength	1,54
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82,6	Feet & Legs	1,15
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79,5	Udder	0,98
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	SHI	79,4
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rank 165.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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Bull name	Registration number	Birth date	State Register
BLUE-HAVEN-LTD BRICK-ET	US000133906051	28.11.2002	PEL-035

Country of origin	US	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	29.10.2003
		CA	DC106410

Pedigree

Sire	PGS	RONNYBROOK PRELUDE-ET	
COMESTAR OUTSIDE-ET		CA000000392457	STB-016
CA000006026421	PGD	COMESTAR L OR BLACK-ET	
		CA000005311227	
Dam	MGS	BRABANT STAR PATRON-ET	
WILCOXVIEW PATRON BROOKE-ET		US000002160458	BS-034
US000017385124	MGD	ROYLANE LEADMAN BELLA-ET	
		US000014423667	

Milk production data	SK 10/2018	Herds	37	Daug.	656	Rel.	99 %	SPI	1023
Number controls		BV		Milk		Fat	%	Prot.	%
13656				19	21	0,36	7	0,13	SCS
									rank
									271.
									rank
									1163.

Type data	SHA 10/2018	Herds	34 / 9	Daug.	191	80,7	Rel.	92 %	TYPE	1,29
									rank	98.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,81									
Angularity	0,63									
Chest Width	0,54									
Body Depth	1,23									
Rump Angle	0,10									
Rear Legs Side View	0,07									
Foot Angle	-0,04									
Fore Udder Attachment	0,13									
Front Teat Placement	1,45									
Teat Length	-0,88									
Rear Udder Height	-0,12									
Rear Udder Width	1,27									
Central Ligament	-0,14									
Udder Depth	-0,40									
Rump Width	1,03									
Rear Legs Rear View	1,51									
Rear Teat Placement	1,69									
Locomotion	1,23									
Body Condition	-0,07									

daught. average

84,1	Frame	1,13
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81,9	Dairy Strength	1,71
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82,0	Feet & Legs	0,59
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77,8	Udder	0,54
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	SHI	82,3
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rank 155.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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Bull name	Registration number	Birth date	State Register
MASCOL-ET	DE000578891748	13.07.2000	PEL-031
Country of origin	DE	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	30.05.2005
		DE	05/2465

Pedigree

Sire	PGS	RONNYBROOK PRELUDE-ET	
CAROL PRELUDE MTOTO-ET		CA000000392457	STB-016
IT006001001962	PGD	BLACKSTAR BETSY-ET	
		US000014459466	
Dam	MGS	STARTMORE RUDOLPH-ET	
ELAINE		CA000005470579	ARS-015
NL000211251345	MGD	DE EUGENIE	
		NL000831894607	

Milk production data	SK 10/2018	Herds	7	Daug.	86	Rel.	91 %	SPI	2674
Number controls		BV		Milk	Fat	%	Prot.	%	rank
1237				266	35	0,43	21	0,26	SCS
									rank
									...
									2,30
									rank
									...

Type data	SHA 10/2018	Herds	5 / 1	Daug.	52	80,0	Rel.	79 %	TYPE	1,28
									rank	99.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,55									
Angularity	1,18									
Chest Width	-0,43									
Body Depth	0,80									
Rump Angle	-0,54									
Rear Legs Side View	0,67									
Foot Angle	-1,08									
Fore Udder Attachment	0,75									
Front Teat Placement	0,31									
Teat Length	-1,71									
Rear Udder Height	1,10									
Rear Udder Width	0,99									
Central Ligament	-0,70									
Udder Depth	1,33									
Rump Width	0,13									
Rear Legs Rear View	1,23									
Rear Teat Placement	2,33									
Locomotion	2,45									
Body Condition	-0,11									

daught. average

83,5	Frame	0,44
79,9	Dairy Strength	1,43
80,4	Feet & Legs	1,03
78,1	Udder	0,87
	SHI	132,0
	rank	48.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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Bull name	Registration number	Birth date	State Register
MORGON	DE000113989028	16.10.2003	FOM-013
Country of origin	DE	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	30.01.2004
		DEU	04/31648

Pedigree

Sire	PGS	SHEN-VAL NV LM FORMATION-ET
STOUDER MORTY-ET	US000002163822	LAD-009
US000017349617	PGD	CRACIN AEROSTAR MELISSA
FOM-004	US000015172400	
Dam	MGS	WA-DEL CONVINCER-ET
HEIDEREBE	US000002249055	ELN-002
DE000112353690	MGD	HEIDERO100
	DE000108688200	

Milk production data	SK 10/2018	Herds	38	Daug.	91	Rel.	92 %	SPI	-4086
Number controls		BV		Milk		Fat	%	Prot.	%
1656				-969		-27	0,21	-31	-0,03
								SCS	2,65
								rank	1308.
								rank	161.

Type data	SHA 10/2018	Herds	13 / 10	Daug.	29	79,4	Rel.	67 %	TYPE	1,28
									rank	100.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	1,20									
Angularity	1,40									
Chest Width	1,44									
Body Depth	0,17									
Rump Angle	-0,46									
Rear Legs Side View	-1,21									
Foot Angle	1,08									
Fore Udder Attachment	-0,22									
Front Teat Placement	1,76									
Teat Length	-0,79									
Rear Udder Height	0,04									
Rear Udder Width	-0,19									
Central Ligament	0,10									
Udder Depth	1,03									
Rump Width	2,30									
Rear Legs Rear View	-1,60									
Rear Teat Placement	0,47									
Locomotion	-0,62									
Body Condition	-0,58									

daught. average

83,0	Frame	1,64
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80,9	Dairy Strength	2,14
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77,9	Feet & Legs	0,10
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77,6	Udder	0,18
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	SHI	-71,9
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rank 740.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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Bull name	Registration number	Birth date	State Register
KINGS-RANSOM M DUCE-ET	US000060082142	01.10.1999	PEL-024
Country of origin	US	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	24.08.2004
		USA	DC124272

Pedigree

Sire	PGS	RONNYBROOK PRELUDE-ET
CAROL PRELUDE MTOTO-ET		CA000000392457
IT006001001962	PGD	BLACKSTAR BETSY-ET
		US000014459466
Dam	MGS	ETAZON CELSIUS-ET
KINGS-RANSOM CEL DIMA-ET		NL000460508522
US000015942037	MGD	KINGS-RANSOM MSCOT DIXIE-ET
		US000014744241

Milk production data	SK 10/2018	Herds	29	Daug.	316	Rel.	98 %	SPI	1956
Number controls		BV		Milk		Fat		rank	129.
7227				512		18	-0,04	SCS	2,80
						12	-0,09	rank	313.

Type data	SHA 10/2018	Herds	45 / 15	Daug.	209	79,9	Rel.	93 %	TYPE	1,28
								rank	101.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-1,06									
Angularity	0,40									
Chest Width	0,18									
Body Depth	-0,41									
Rump Angle	0,80									
Rear Legs Side View	-1,08									
Foot Angle	-1,17									
Fore Udder Attachment	1,29									
Front Teat Placement	1,00									
Teat Length	0,37									
Rear Udder Height	1,01									
Rear Udder Width	1,52									
Central Ligament	1,67									
Udder Depth	0,45									
Rump Width	0,42									
Rear Legs Rear View	1,78									
Rear Teat Placement	1,97									
Locomotion	3,58									
Body Condition	1,28									

daught. average

81,4	Frame	-0,71
79,9	Dairy Strength	0,45
80,3	Feet & Legs	1,16
79,1	Udder	2,37
	SHI	110,2
	rank	92.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
BELLWOOD OKRA	NL000181926678	15.04.1996	BW-001
Country of origin	NL	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	12.07.1996
		NLD	XXX

Pedigree

Sire	PGS	ARLINDA MELWOOD-ET
MAIZEFIELD BELLWOOD-ET		US000001879149
US000002103297	PGD	BREN-WAY BELL BETSY
MEW-004		US000012052401
Dam	MGS	EMPRISE BELL ELTON
OKRA-ET		US000001912270
NL000778071488	MGD	RAYFAY KAY MARK KAREN
		US000012607341

Milk production data	SK 10/2018	Herds	38	Daug.	119	Rel.	94 %	SPI	-1158
Number controls		BV		Milk		Fat	%	Prot.	%
2066				-297		-7	0,07	-9	0,01
								SCS	2,26
								rank	729.
								rank	23.

Type data	SHA 10/2018	Herds	14 / 12	Daug.	29	76,9	Rel.	70 %	TYPE	1,27
									rank	102.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,67									
Angularity	-0,42									
Chest Width	0,30									
Body Depth	0,68									
Rump Angle	-0,36									
Rear Legs Side View	-1,15									
Foot Angle	1,93									
Fore Udder Attachment	-0,38									
Front Teat Placement	0,73									
Teat Length	0,33									
Rear Udder Height	-0,27									
Rear Udder Width	0,15									
Central Ligament	0,34									
Udder Depth	0,27									
Rump Width	0,16									
Rear Legs Rear View	0,06									
Rear Teat Placement	-0,92									
Locomotion	0,21									
Body Condition	-0,92									

daught. average

79,6	Frame	0,98
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74,2	Dairy Strength	0,16
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77,9	Feet & Legs	1,82
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76,3	Udder	0,56
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	SHI	16,0
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rank 392.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
JEFFREY-WAY TUITION-ET	US000126797167	01.02.1999	MTY-001
Country of origin	US	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	28.09.1999
		USA	IG255149A

Pedigree

Sire	PGS	TESK-HOLM VALIANT ROCKIE
RICECREST MARTY-ET	US000001841366	VAL-016
US000002231562	PGD	WA-DEL RC BLCKSTR MARTHA-ET
TES-007	US000013907649	
Dam	MGS	NORRIELAKE CLEITUS LUKE-TWIN
JEFFREY-WAY LUKE TRIPOLI-ET	US000002071864	CLE-005
US000015605171	MGD	JEFFREY-WAY MASCOT TINA-ET
	US000014782894	

Milk production data	SK 10/2018	Herds	41	Daug.	111	Rel.	93 %	SPI	413
Number controls		BV		Milk		Fat	%	rank	375.
2261				212		1	-0,13	SCS	3,21
						1	-0,12	rank	833.

Type data	SHA 10/2018	Herds	18 / 12	Daug.	45	78,6	Rel.	76 %	TYPE	1,27
								rank	103.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	1,53									
Angularity	-0,42									
Chest Width	1,33									
Body Depth	0,29									
Rump Angle	0,46									
Rear Legs Side View	-0,66									
Foot Angle	1,90									
Fore Udder Attachment	0,88									
Front Teat Placement	0,98									
Teat Length	-1,54									
Rear Udder Height	-0,01									
Rear Udder Width	-0,42									
Central Ligament	0,12									
Udder Depth	1,79									
Rump Width	1,53									
Rear Legs Rear View	0,40									
Rear Teat Placement	0,70									
Locomotion	-2,14									
Body Condition	0,01									

daught. average

82,4	Frame	2,05
76,8	Dairy Strength	0,13
79,4	Feet & Legs	1,19
77,2	Udder	0,17
	SHI	63,3
	rank	217.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
KING-EMERLING FUTURE-ET	US000066676829	26.10.2009	BS-069
Country of origin	US	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	16.08.2010
		US	M10067702

Pedigree

Sire	PGS	ROSE-BAUM TABOO-ET
ENSENADA TABOO PLANET-ET		US000017121203
US000060597003	PGD	PLUSHANSKI AMEL PATTY-ET
BS-050		US000130161039
Dam	MGS	PICSTON SHOTTLE-ET
HONEYCREST SHOTTLE FAITH-ET		GB000000598172
US000062626509	MGD	HONEYCREST FLOWER GIRL-ET
		US000133066324
		PEL-033

Milk production data	SK 10/2018	Herds	6	Daug.	47	Rel.	78 %	SPI	2482
Number controls		BV		Milk		Fat	%	Prot.	%
221				769	10	-0,33	18	-0,12	SCS
									rank
									...
									rank
									...

Type data	SHA 10/2018	Herds	10 / 4	Daug.	28	82,0	Rel.	65 %	TYPE	1,27
									rank	104.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,04									
Angularity	0,36									
Chest Width	-0,58									
Body Depth	-0,15									
Rump Angle	1,41									
Rear Legs Side View	0,59									
Foot Angle	-1,03									
Fore Udder Attachment	1,13									
Front Teat Placement	0,80									
Teat Length	-1,17									
Rear Udder Height	1,08									
Rear Udder Width	1,13									
Central Ligament	2,26									
Udder Depth	0,88									
Rump Width	-0,62									
Rear Legs Rear View	0,29									
Rear Teat Placement	1,26									
Locomotion	0,92									
Body Condition	0,52									

daught. average

84,7	Frame	-0,16
80,8	Dairy Strength	0,20
82,9	Feet & Legs	-0,10
80,7	Udder	2,21
	SHI	125,6
	rank	59.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
OH-RYAN GARTER DYNAMITE-ET	US000133381795	09.10.2002	LAB-004
Country of origin	US	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	03.04.2003
		US	IMMGN 9463A

Pedigree

Sire	PGS	RICKLAND LABAN PROJECTOR
WELCOME GARTER-ET		US000002127399
US000017131025	PGD	WELCOME MOUNTAIN GALE-ET
LAB-002		US000015579402
Dam	MGS	MAUGHLIN STORM-ET
KINBUR STORMY DELLA-ET		CA000005457798
US000122162633	MGD	SNOW-N DESTINY'S BETIA
		US000014882656

Milk production data	SK 10/2018	Herds	73	Daug.	1399	Rel.	99 %	SPI	-16
Number controls		BV		Milk		Fat	%	rank	471.
30395				53		2	-0,00	SCS	3,18
						-2	-0,09	rank	802.

Type data	SHA 10/2018	Herds	74 / 22	Daug.	522	79,8	Rel.	97 %	TYPE	1,27
								rank	105.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,37									
Angularity	0,10									
Chest Width	0,65									
Body Depth	0,20									
Rump Angle	1,39									
Rear Legs Side View	-1,49									
Foot Angle	0,94									
Fore Udder Attachment	-0,10									
Front Teat Placement	0,48									
Teat Length	-0,10									
Rear Udder Height	0,86									
Rear Udder Width	1,11									
Central Ligament	-0,35									
Udder Depth	-0,24									
Rump Width	0,67									
Rear Legs Rear View	0,67									
Rear Teat Placement	-0,31									
Locomotion	1,26									
Body Condition	1,06									

daught. average

83,8 **Frame** **0,66**

80,3 **Dairy Strength** **0,52**

80,5 **Feet & Legs** **1,81**

77,2 **Udder** **0,93**

SHI **50,3**

rank 262.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
GELEJ ZSILETT OUTSIDE	HU003021656104	04.09.2000	PEL-020
Country of origin	HU	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	09.09.2001
		HUN	24420/01

Pedigree

Sire	PGS	RONNYBROOK PRELUDE-ET
COMESTAR OUTSIDE-ET		CA000000392457
CA000006026421	PGD	COMESTAR L OR BLACK-ET
		CA000005311227
Dam	MGS	SKALSUMER SUNNY BOY-ET
AALTJE 387		NL000311651443
HU003021603939	MGD	AALTJE 387
		NL000839843241

Milk production data	SK 10/2018	Herds	60	Daug.	734	Rel.	99 %	SPI	-472
Number controls		BV		Milk		Fat		rank	560.
14686				-102		-3	0,01	SCS	2,68
								rank	180.

Type data	SHA 10/2018	Herds	21 / 15	Daug.	85	79,5	Rel.	85 %	TYPE	1,27
								rank	106.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	1,09									
Angularity	0,08									
Chest Width	1,05									
Body Depth	0,44									
Rump Angle	-0,78									
Rear Legs Side View	-1,44									
Foot Angle	1,65									
Fore Udder Attachment	0,92									
Front Teat Placement	0,10									
Teat Length	0,32									
Rear Udder Height	-0,25									
Rear Udder Width	0,12									
Central Ligament	-0,59									
Udder Depth	0,89									
Rump Width	0,81									
Rear Legs Rear View	0,98									
Rear Teat Placement	0,51									
Locomotion	1,34									
Body Condition	0,41									

daught. average

84,1	Frame	1,30
80,0	Dairy Strength	0,78
80,8	Feet & Legs	1,73
76,2	Udder	0,09
	SHI	36,5
	rank	312.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
NORMANNA BUCKEYE SUBLIME	US000138124542	12.12.2006	BW-058

Country of origin	US	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	06.09.2007
		US	M07030405

Pedigree

Sire	PGS	MARA-THON BW MARSHALL-ET TV
R-E-W BUCKEYE-ET		US000002290977
US000130588960	PGD	MAYERLANE RUD BUBBLE-ET
BW-036		US000120536177
Dam	MGS	REGANCREST ELTON DURHAM-ET
NORMANNA DURHAM SAMBRA		US000002250783
US000130752064	MGD	NORMANNA LINDY SAMBRA
		US000121491235

Milk production data	SK 10/2018	Herds	27	Daug.	281	Rel.	96 %	SPI	1070
Number controls		BV		Milk		Fat	%	Prot.	%
3479				462	1	-0,31	6	-0,16	rank
									258.
								SCS	3,07
								rank	650.

Type data	SHA 10/2018	Herds	26 / 12	Daug.	116	81,8	Rel.	86 %	TYPE	1,27
									rank	107.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	1,14									
Angularity	-0,20									
Chest Width	0,01									
Body Depth	0,05									
Rump Angle	-0,24									
Rear Legs Side View	-1,32									
Foot Angle	0,58									
Fore Udder Attachment	0,12									
Front Teat Placement	0,51									
Teat Length	0,56									
Rear Udder Height	0,78									
Rear Udder Width	1,37									
Central Ligament	1,00									
Udder Depth	0,08									
Rump Width	1,41									
Rear Legs Rear View	0,45									
Rear Teat Placement	1,12									
Locomotion	1,97									
Body Condition	0,34									

daught. average

86,1	Frame	1,17
81,0	Dairy Strength	-0,12
83,5	Feet & Legs	1,40
79,3	Udder	0,77
	SHI	83,0
	rank	152.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
MORSAN BORIS	CA000007611440	05.06.2007	LU-046
Country of origin	CA	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	13.11.2007
		CA	DC194949

Pedigree

Sire	PGS	LEXVOLD LUKE HERSHEL-ET
SANDY-VALLEY BOLTON-ET		US000002294436
US000131823833		LU-013
	PGD	SANDY-VALLEY BLESSING-ET
		US000128824973
Dam	MGS	REGANCREST ELTON DURHAM-ET
OCEAN-VIEW DURHAM DORIS-ET		US000002250783
US000130824028		
	MGD	CREEK AIRLINER DOREEN-ET
		US000015926518

Milk production data	SK 10/2018	Herds	21	Daug.	285	Rel.	96 %	SPI	1449
Number controls		BV		Milk		Fat	%	Prot.	%
4097				238		10	0,01	13	0,11
								SCS	2,97
								rank	183.
								rank	512.

Type data	SHA 10/2018	Herds	24 / 6	Daug.	80	82,0	Rel.	82 %	TYPE	1,26
									rank	108.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	1,18									
Angularity	0,44									
Chest Width	0,01									
Body Depth	-0,33									
Rump Angle	0,63									
Rear Legs Side View	-0,03									
Foot Angle	1,81									
Fore Udder Attachment	0,30									
Front Teat Placement	0,02									
Teat Length	0,80									
Rear Udder Height	0,51									
Rear Udder Width	-0,46									
Central Ligament	2,20									
Udder Depth	0,48									
Rump Width	-0,73									
Rear Legs Rear View	-0,51									
Rear Teat Placement	-0,95									
Locomotion	-0,10									
Body Condition	-0,10									

daught. average

84,7	Frame	1,05
82,2	Dairy Strength	0,27
84,0	Feet & Legs	1,05
79,4	Udder	0,85
	SHI	94,2
	rank	127.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
VANDE DOMINANT-RED-ET	US000070346535	18.09.2011	MED-041

Country of origin	US	Breed	R100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	09.07.2012
		US	M12089129

Pedigree

Sire	PGS	O-BEE MANFRED JUSTICE-ET
LONG-LANGS OMAN OMAN-ET		US000122358313
US000135746776	PGD	WINNING-WAY MARCI-ET
		US000130677626
Dam	MGS	PICSTON SHOTTLE-ET
VANDE SHOTTLE LOTTERY-RED		GB000000598172
US000062485988	MGD	VANDE MUTANT LOGAN-RED
		US000062485907

Milk production data	SK 10/2018	Herds	24	Daug.	375	Rel.	97 %	SPI	1259
Number controls		BV		Milk		Fat	%	Prot.	%
4216				24		21	0,36	10	0,20
								SCS	2,76
								rank	222.
								rank	260.

Type data	SHA 10/2018	Herds	19 / 6	Daug.	82	81,4	Rel.	82 %	TYPE	1,26
								rank	109.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	1,49									
Angularity	-0,60									
Chest Width	0,54									
Body Depth	0,03									
Rump Angle	1,24									
Rear Legs Side View	-0,92									
Foot Angle	-0,01									
Fore Udder Attachment	1,48									
Front Teat Placement	0,00									
Teat Length	0,52									
Rear Udder Height	0,58									
Rear Udder Width	-0,91									
Central Ligament	1,03									
Udder Depth	1,50									
Rump Width	0,09									
Rear Legs Rear View	-0,37									
Rear Teat Placement	2,03									
Locomotion	2,21									
Body Condition	1,00									

daught. average

86,0	Frame	1,43
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81,2	Dairy Strength	-0,43
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82,4	Feet & Legs	1,44
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78,7	Udder	0,75
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	SHI	88,3
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rank 140.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
SPURIUS-ET	DE000114118268	25.10.2003	SOM-008
Country of origin	DE	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	30.01.2004
		DEU	04/31632

Pedigree

Sire	PGS	MAUGHLIN STORM-ET
COMESTAR STORMATIC-ET		CA000005457798
CA000006947936	PGD	COMESTAR LAUSAN BLACK
SOM-006		CA000005319830
Dam	MGS	ETAZON LORD LILY-ET
CONGO		NL000780180664
DK002441200975	MGD	CLASSIC
		DK002441200728

Milk production data	SK 10/2018	Herds	34	Daug.	108	Rel.	93 %	SPI	-1260
Number controls		BV		Milk		Fat		rank	747.
2185				10		-21	-0,40	SCS	3,40
						-11	-0,25	rank	1053.

Type data	SHA 10/2018	Herds	13 / 10	Daug.	25	78,8	Rel.	68 %	TYPE	1,25
								rank	110.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	1,55									
Angularity	0,55									
Chest Width	-0,16									
Body Depth	-0,57									
Rump Angle	0,97									
Rear Legs Side View	-1,34									
Foot Angle	0,95									
Fore Udder Attachment	0,96									
Front Teat Placement	-0,18									
Teat Length	0,02									
Rear Udder Height	0,14									
Rear Udder Width	0,86									
Central Ligament	-0,21									
Udder Depth	-0,01									
Rump Width	0,08									
Rear Legs Rear View	1,50									
Rear Teat Placement	-0,04									
Locomotion	0,66									
Body Condition	0,01									

daught. average

81,4	Frame	1,30
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78,4	Dairy Strength	0,83
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80,2	Feet & Legs	0,98
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77,1	Udder	0,69
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	SHI	12,0
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rank 413.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
NACERADEC JONATAN-ET	CZ000109393021	11.02.2005	FOM-021
Country of origin	CZ	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	09.10.2006
		CZ	5200051

Pedigree

Sire	PGS	SHEN-VAL NV LM FORMATION-ET
STOUDER MORTY-ET	US000002163822	LAD-009
US000017349617	PGD	CRACIN AEROSTAR MELISSA
FOM-004	US000015172400	
Dam	MGS	MARA-THON BW MARSHALL-ET TV
CZ000007467921	US000002290977	
	MGD	EVER-GREEN-VIEW ELSA-ET
	US000129740913	

Milk production data	SK 10/2018	Herds	19	Daug.	67	Rel.	90 %	SPI	593
Number controls		BV		Milk	Fat	%	Prot.	%	rank
1520				486	-5	-0,42	1	-0,29	SCS
									rank
									347.
									968.

Type data	SHA 10/2018	Herds	9 / 5	Daug.	15	79,8	Rel.	56 %	TYPE	1,25
									rank	111.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,11									
Angularity	-0,16									
Chest Width	1,08									
Body Depth	0,20									
Rump Angle	-1,06									
Rear Legs Side View	-1,49									
Foot Angle	1,42									
Fore Udder Attachment	0,35									
Front Teat Placement	1,56									
Teat Length	-0,77									
Rear Udder Height	1,55									
Rear Udder Width	2,28									
Central Ligament	-0,15									
Udder Depth	-0,26									
Rump Width	0,54									
Rear Legs Rear View	-0,59									
Rear Teat Placement	1,30									
Locomotion	-0,96									
Body Condition	-0,04									

daught. average

82,7	Frame	0,45
80,2	Dairy Strength	0,84
80,5	Feet & Legs	0,54
77,7	Udder	1,32
	SHI	67,8
	rank	201.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
LEHOX LAREZ-ET	CA000100745737	20.06.2002	BW-031
Country of origin	CA	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	04.02.2003
		CA	DC88705

Pedigree

Sire	PGS	MAIZEFIELD BELLWOOD-ET	
BENNER AEROWOOD-ET		US000002103297	MEW-004
CA000006682654	PGD	LEXOUS AEROSTAR RIA-ET	
BW-017		CA000005557303	
Dam	MGS	COMESTAR LEE-ET	
LEHOX LEE FABIENNE		CA000005757117	RAR-001
CA000010600336	MGD	LEHOX SUPERSIRE FABYA	
		CA000006463087	

Milk production data	SK 10/2018	Herds	19	Daug.	370	Rel.	98 %	SPI	406
Number controls		BV		Milk		Fat	%	Prot.	%
6870				-30		15	0,30	0	0,02
								SCS	2,57
								rank	107.

Type data	SHA 10/2018	Herds	17 / 5	Daug.	56	80,6	Rel.	80 %	TYPE	1,25
									rank	112.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	2,15									
Angularity	1,66									
Chest Width	-1,19									
Body Depth	-0,13									
Rump Angle	0,14									
Rear Legs Side View	-1,79									
Foot Angle	0,94									
Fore Udder Attachment	0,09									
Front Teat Placement	1,32									
Teat Length	-0,19									
Rear Udder Height	1,28									
Rear Udder Width	0,15									
Central Ligament	0,93									
Udder Depth	1,21									
Rump Width	-0,59									
Rear Legs Rear View	-0,17									
Rear Teat Placement	1,96									
Locomotion	-0,90									
Body Condition	-0,99									

daught. average

84,8	Frame	1,58
81,3	Dairy Strength	0,79
81,8	Feet & Legs	-0,09
77,5	Udder	0,89
	SHI	62,1
	rank	221.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
BRIGEEN GIVENCHY-ET	US000128226159	01.09.1999	SOM-009
Country of origin	US	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	03.11.2000
		CAN	BTIG262315A

Pedigree

Sire	PGS	MADAWASKA AEROSTAR
MAUGHLIN STORM-ET	CA000000383622	STB-011
CA000005457798	PGD	WYKHOLME DEWDROP TACY-ET
	CA000004467150	
Dam	MGS	LUTZ-MEADOWS E MANDEL-ET
BRIGEEN MANDEL GOLDA-ET	US000002119526	
US000015827717	MGD	ROYLANE LEADMAN GLORY-ET
	US000014670244	

Milk production data	SK 10/2018	Herds	90	Daug.	2238	Rel.	99 %	SPI	1706
Number controls		BV		Milk		Fat		rank	149.
43116				559		19	-0,06	SCS	2,59
						7	-0,22	rank	125.

Type data	SHA 10/2018	Herds	69 / 18	Daug.	368	79,4	Rel.	96 %	TYPE	1,24
								rank	113.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,25									
Angularity	1,61									
Chest Width	-0,37									
Body Depth	0,73									
Rump Angle	-0,32									
Rear Legs Side View	0,67									
Foot Angle	0,05									
Fore Udder Attachment	0,90									
Front Teat Placement	0,23									
Teat Length	0,29									
Rear Udder Height	1,18									
Rear Udder Width	1,72									
Central Ligament	0,30									
Udder Depth	0,40									
Rump Width	-0,27									
Rear Legs Rear View	-0,29									
Rear Teat Placement	-0,67									
Locomotion	-0,17									
Body Condition	-1,23									

daught. average

82,9	Frame	0,26
80,6	Dairy Strength	2,01
78,4	Feet & Legs	-0,22
77,5	Udder	1,41
	SHI	100,9
	rank	113.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
SUNNYLODGE JENITOR-ET	CA000010711801	26.02.2000	PEL-026
Country of origin	CA	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	26.07.2000
		CAN	BT454541

Pedigree

Sire	PGS	RONNYBROOK PRELUDE-ET
CAROL PRELUDE MTOTO-ET		CA000000392457
IT006001001962	PGD	BLACKSTAR BETSY-ET
		US000014459466
Dam	MGS	DOMBINATOR-ET
SUNNYLODGE DOMBINATOR JENNY-ET		NL000316418898
CA000006552194	MGD	SUNNYLODGE JENNIFER-ET
		CA000005858134

Milk production data	SK 10/2018	Herds	73	Daug.	1138	Rel.	99 %	SPI	759
Number controls		BV		Milk		Fat		rank	313.
20869				-55		15	0,30	SCS	2,70
								rank	193.

Type data	SHA 10/2018	Herds	38 / 13	Daug.	243	79,2	Rel.	94 %	TYPE	1,22
								rank	114.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,79									
Angularity	1,32									
Chest Width	-0,67									
Body Depth	-0,31									
Rump Angle	0,90									
Rear Legs Side View	0,15									
Foot Angle	-0,65									
Fore Udder Attachment	1,14									
Front Teat Placement	0,55									
Teat Length	-0,80									
Rear Udder Height	1,00									
Rear Udder Width	0,24									
Central Ligament	0,74									
Udder Depth	1,44									
Rump Width	0,18									
Rear Legs Rear View	0,10									
Rear Teat Placement	0,76									
Locomotion	1,58									
Body Condition	-1,22									

daught. average

82,8	Frame	0,51
79,7	Dairy Strength	1,08
78,9	Feet & Legs	0,42
77,3	Udder	1,22
	SHI	71,5
	rank	189.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
JERRY	DE000345877177	10.10.2001	MNA-008

Country of origin	DE	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	22.11.2001
		DEU	01/13113

Pedigree

Sire	PGS	BIS-MAY S-E-L MOUNTAIN-ET	
JESTHER-ET		US000002070579	RAY-002
FR005994022699	PGD	ROCKY-VU ELTON EDNA ELI-ET	
		US000014189172	
Dam	MGS	RONNYBROOK PRELUDE-ET	
EBBA		CA000000392457	STB-016
DE001021246052	MGD	EDELROSE	
		DE001020888555	

Milk production data	SK 10/2018	Herds	45	Daug.	393	Rel.	98 %	SPI	-355
Number controls		BV		Milk		Fat	%	Prot.	%
8137				152	-19	-0,46	-1	-0,12	SCS
									rank
									534.
									rank
									136.

Type data	SHA 10/2018	Herds	10 / 7	Daug.	49	79,1	Rel.	79 %	TYPE	1,21
									rank	115.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,85									
Angularity	-0,07									
Chest Width	0,89									
Body Depth	0,04									
Rump Angle	-0,68									
Rear Legs Side View	-0,41									
Foot Angle	0,98									
Fore Udder Attachment	1,19									
Front Teat Placement	1,17									
Teat Length	-0,41									
Rear Udder Height	0,53									
Rear Udder Width	1,67									
Central Ligament	1,79									
Udder Depth	0,71									
Rump Width	0,43									
Rear Legs Rear View	0,75									
Rear Teat Placement	1,42									
Locomotion	2,43									
Body Condition	1,28									

daught. average	81,1	Frame	-0,47
	79,4	Dairy Strength	0,31
	79,9	Feet & Legs	1,96
	77,7	Udder	1,65
		SHI	37,6
		rank	309.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
LIEK-ET	DE000580392685	12.08.2005	LOG-011

Country of origin	DE	Breed	R100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	10.10.2005
		DE	05/41676

Pedigree

Sire	PGS	MASAL LUCKY RED-ET	
LUDOX		US000002228267	
DE000578720303	PGD	MAIKE	
LOG-010		DE000577226099	
Dam	MGS	COMESTAR LEE-ET	
RH MEGGILE		CA000005757117	RAR-001
DE000578236019	MGD	RH MEGGY	
		DE000577087100	

Milk production data	SK 10/2018	Herds	24	Daug.	277	Rel.	97 %	SPI	-225
Number controls		BV		Milk		Fat	%	Prot.	%
4895				-347		7	0,39	1	0,27
								SCS	3,40
								rank	1054.

Type data	SHA 10/2018	Herds	8 / 3	Daug.	33	80,3	Rel.	69 %	TYPE	1,21
									rank	116.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	1,68									
Angularity	0,92									
Chest Width	-1,04									
Body Depth	-0,60									
Rump Angle	0,50									
Rear Legs Side View	-0,14									
Foot Angle	0,30									
Fore Udder Attachment	0,55									
Front Teat Placement	0,21									
Teat Length	0,08									
Rear Udder Height	0,57									
Rear Udder Width	0,19									
Central Ligament	0,99									
Udder Depth	0,48									
Rump Width	-0,51									
Rear Legs Rear View	2,54									
Rear Teat Placement	0,11									
Locomotion	0,19									
Body Condition	-1,86									

daught. average	84,2	Frame	1,15
	80,9	Dairy Strength	0,09
	82,0	Feet & Legs	0,61
	77,3	Udder	1,14
		SHI	41,4
		rank	293.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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Bull name	Registration number	Birth date	State Register
LOUDINO	DE00000671162	29.07.2002	JAT-004
Country of origin	DE	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	24.09.2002
		DEU	02/9597

Pedigree

Sire	PGS	DELTA CLEITUS JABOT
LOUDHOEVE		NL000316419721
NL000141080516	PGD	PIETJE 491
		NL000706599761
Dam	MGS	MJR BLACKSTAR EMORY-ET
JOKER		US000002114601
DE000577297705	MGD	FARNEAR MAS JACKI JADE-ET
		US000014848361

Milk production data	SK 10/2018	Herds	38	Daug.	82	Rel.	92 %	SPI	-1109
Number controls		BV		Milk		Fat	%	rank	716.
1677				-58		-22	-0,38	SCS	3,06
						-7	-0,12	rank	636.

Type data	SHA 10/2018	Herds	13 / 10	Daug.	23	80,0	Rel.	60 %	TYPE	1,20
								rank	117.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	1,77									
Angularity	-0,24									
Chest Width	-0,49									
Body Depth	-1,65									
Rump Angle	0,75									
Rear Legs Side View	-1,24									
Foot Angle	1,94									
Fore Udder Attachment	0,77									
Front Teat Placement	1,31									
Teat Length	0,55									
Rear Udder Height	0,51									
Rear Udder Width	1,01									
Central Ligament	0,87									
Udder Depth	1,10									
Rump Width	0,73									
Rear Legs Rear View	-1,19									
Rear Teat Placement	1,78									
Locomotion	-0,36									
Body Condition	0,91									

daught. average

84,2	Frame	1,64
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78,0	Dairy Strength	-0,53
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80,5	Feet & Legs	0,76
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78,9	Udder	1,05
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	SHI	14,5
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rank 401.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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Bull name	Registration number	Birth date	State Register
GILLETTE JUNGE-ET	CA000007816598	26.07.2006	PEL-048
Country of origin	CA	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	31.05.2007
		CA	DC184805

Pedigree

Sire	PGS	CAROL PRELUDE MTOTO-ET IT006001001962
GILLETTE BRILEA FBI-ET CA000008209524	PGD	GILLETTE BRILEA BELLE FLEUR-ET CA000006735509
Dam	MGS	REGANCREST ELTON DURHAM-ET US000002250783
GELLETT-I DURHAM JERICHO CA000008143479	MGD	WINDEMERE-MASMILL JELLYBEAN US000014237052

Milk production data	SK 10/2018	Herds	12	Daug.	310	Rel.	97 %	SPI	-191
Number controls		BV		Milk		Fat	%	Prot.	%
4711				27		-13	-0,27	2	0,02
								rank	494.
								SCS	2,18
								rank	14.

Type data	SHA 10/2018	Herds	17 / 4	Daug.	96	81,4	Rel.	85 %	TYPE	1,20
									rank	118.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,67									
Angularity	-0,13									
Chest Width	0,23									
Body Depth	0,44									
Rump Angle	1,41									
Rear Legs Side View	-0,42									
Foot Angle	0,70									
Fore Udder Attachment	1,13									
Front Teat Placement	0,18									
Teat Length	0,59									
Rear Udder Height	0,03									
Rear Udder Width	-0,35									
Central Ligament	1,42									
Udder Depth	0,84									
Rump Width	0,48									
Rear Legs Rear View	-0,10									
Rear Teat Placement	0,50									
Locomotion	1,21									
Body Condition	0,57									

daught. average

85,3	Frame	0,81
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81,7	Dairy Strength	0,26
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82,3	Feet & Legs	1,46
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78,8	Udder	0,94
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	SHI	42,2
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rank 289.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
BOMAZ OMAN KRAMER 561-ET	US000061802729	14.04.2004	MED-020

Country of origin	US	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	26.11.2004
		US	M04001263

Pedigree

Sire	PGS	HA-HO CUBBY MANFRED-ET
O-BEE MANFRED JUSTICE-ET		US000002183007
US000122358313	PGD	MEIER-MEADOWS EL JEZEBEL-ET
MED-012		US000015459080
Dam	MGS	LEXVOLD LUKE HERSHEL-ET
BOMAZ HERSHEL 2387-ET		US000002294436
US000060413656	MGD	DALSE BOMAZ-1551
		US000120838747

Milk production data	SK 10/2018	Herds	41	Daug.	848	Rel.	99 %	SPI	4190
Number controls		BV		Milk		Fat		rank	15.
17036				1219		27	-0,31	SCS	2,74
						27	-0,19	rank	240.

Type data	SHA 10/2018	Herds	134 / 20	Daug.	502	81,6	Rel.	97 %	TYPE	1,20
								rank	119.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,98									
Angularity	-0,10									
Chest Width	0,69									
Body Depth	0,28									
Rump Angle	0,06									
Rear Legs Side View	-1,82									
Foot Angle	1,65									
Fore Udder Attachment	1,11									
Front Teat Placement	0,55									
Teat Length	-0,49									
Rear Udder Height	0,17									
Rear Udder Width	0,03									
Central Ligament	-0,57									
Udder Depth	1,29									
Rump Width	0,90									
Rear Legs Rear View	0,70									
Rear Teat Placement	0,26									
Locomotion	1,70									
Body Condition	0,47									

daught. average

85,1	Frame	1,10
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81,1	Dairy Strength	0,32
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83,5	Feet & Legs	2,78
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79,0	Udder	0,01
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	SHI	174,3
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rank 18.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
SEWARDS-FOLLY GERONIMO-ET	US000061790446	08.06.2004	FOM-016

Country of origin	US	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	11.11.2004
		USA	HU2004001811

Pedigree

Sire	PGS	SHEN-VAL NV LM FORMATION-ET
TIMLYNN THRONE-ET	US000002163822	LAD-009
US000017365519	PGD	RAGANCREST HUNTER TIFFANY
	US000015716255	
Dam	MGS	STARTMORE RUDOLPH-ET
GATEWAY-ACRES DAPHNE-ET	CA000005470579	ARS-015
US000121675019	MGD	WAY-CIN ROYAL DUNN
	US000015084363	

Milk production data	SK 10/2018	Herds	37	Daug.	81	Rel.	92 %	SPI	-1309
Number controls		BV		Milk		Fat		rank	756.
1566				-298	-9	0,04	-10	SCS	2,60
								rank	133.

Type data	SHA 10/2018	Herds	10 / 7	Daug.	22	79,4	Rel.	61 %	TYPE	1,20
								rank	120.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	1,64									
Angularity	-0,20									
Chest Width	0,84									
Body Depth	0,25									
Rump Angle	-0,26									
Rear Legs Side View	0,41									
Foot Angle	-0,42									
Fore Udder Attachment	0,72									
Front Teat Placement	1,37									
Teat Length	0,68									
Rear Udder Height	0,22									
Rear Udder Width	0,44									
Central Ligament	-0,65									
Udder Depth	0,53									
Rump Width	0,88									
Rear Legs Rear View	0,87									
Rear Teat Placement	0,24									
Locomotion	0,14									
Body Condition	-0,58									

daught. average

83,6	Frame	1,79
79,1	Dairy Strength	0,30
78,6	Feet & Legs	-0,31
78,0	Udder	1,07
	SHI	8,5
	rank	432.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
GENOS HAGGART-ET	CZ000019887071	14.08.2003	FOM-012
Country of origin	CZ	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	10.06.2004
		CSK	0400677

Pedigree

Sire	PGS	SHEN-VAL NV LM FORMATION-ET
STOUDER MORTY-ET	US000002163822	LAD-009
US000017349617	PGD	CRACIN AEROSTAR MELISSA
FOM-004	US000015172400	
Dam	MGS	COMESTAR OUTSIDE-ET
BEAVER RAY OUTSIDE MIRANA	CA000006026421	
CA000010676041	MGD	BEAVER RAY SKYCHIEF MIRA
	CA000006531297	

Milk production data	SK 10/2018	Herds	33	Daug.	83	Rel.	92 %	SPI	1336
Number controls		BV		Milk	Fat	%	Prot.	rank	203.
1656				393	20	0,08	4	SCS	2,89
								rank	406.

Type data	SHA 10/2018	Herds	19 / 12	Daug.	28	79,1	Rel.	68 %	TYPE	1,20
								rank	121.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,94									
Angularity	-0,92									
Chest Width	0,81									
Body Depth	0,98									
Rump Angle	0,27									
Rear Legs Side View	-1,04									
Foot Angle	0,51									
Fore Udder Attachment	-0,55									
Front Teat Placement	1,59									
Teat Length	-1,55									
Rear Udder Height	0,20									
Rear Udder Width	0,43									
Central Ligament	-0,66									
Udder Depth	-0,39									
Rump Width	0,83									
Rear Legs Rear View	0,85									
Rear Teat Placement	1,10									
Locomotion	0,85									
Body Condition	0,72									

daught. average

83,2	Frame	1,36
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77,9	Dairy Strength	0,04
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79,1	Feet & Legs	1,00
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77,5	Udder	0,70
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	SHI	88,1
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rank 141.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
JK EDER NERO	NL000428213639	28.11.2005	PEL-029

Country of origin	NL	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	07.03.2006
		NL	139065

Pedigree

Sire	PGS	CAROL PRELUDE MTOTO-ET
PICSTON SHOTTLE-ET		IT006001001962
GB000000598172	PGD	CONDON AERO SHARON
PEL-033		CA000005373153
Dam	MGS	RICECREST MARSHALL-ET
LAAREIND NUEVA 4		US000002297473
NL000334180410	MGD	JK EDER NUEVA 2
		NL000271489519

Milk production data	SK 10/2018	Herds	20	Daug.	70	Rel.	93 %	SPI	1354
Number controls		BV		Milk		Fat	%	Prot.	%
1352				72		22	0,35	10	0,16
								SCS	3,12
								rank	200.
								rank	710.

Type data	SHA 10/2018	Herds	7 / 4	Daug.	21	80,3	Rel.	66 %	TYPE	1,19
									rank	122.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,73									
Angularity	2,88									
Chest Width	-1,51									
Body Depth	-1,65									
Rump Angle	-0,98									
Rear Legs Side View	-0,60									
Foot Angle	0,37									
Fore Udder Attachment	2,01									
Front Teat Placement	0,83									
Teat Length	-0,27									
Rear Udder Height	1,02									
Rear Udder Width	0,42									
Central Ligament	0,48									
Udder Depth	1,53									
Rump Width	0,30									
Rear Legs Rear View	0,21									
Rear Teat Placement	0,90									
Locomotion	0,70									
Body Condition	-1,40									

daught. average

83,4	Frame	-0,02
81,0	Dairy Strength	1,08
81,0	Feet & Legs	0,50
77,9	Udder	1,35
	SHI	88,5
	rank	139.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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Bull name	Registration number	Birth date	State Register
O-COSMOPOLITAN-ET	NL000570438074	18.10.2010	BS-060
Country of origin	NL	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	01.12.2010
		NL	366593

Pedigree

Sire	PGS	ROSE-BAUM TABOO-ET
ENSENADA TABOO PLANET-ET		US000017121203
US000060597003	PGD	PLUSHANSKI AMEL PATTY-ET
BS-050		US000130161039
Dam	MGS	PICSTON SHOTTLE-ET
LARCREST COSMOPOLITAN		GB000000598172
US000052475668	MGD	LARCREST OSIDE CHAMPAGNE-TW
		US000051449617
		PEL-033

Milk production data	SK 10/2018	Herds	24	Daug.	371	Rel.	97 %	SPI	2766
Number controls		BV		Milk		Fat	%	rank	61.
6320				568		22	-0,00	21	0,07
								SCS	2,88
								rank	398.

Type data	SHA 10/2018	Herds	67 / 12	Daug.	226	82,4	Rel.	93 %	TYPE	1,19
								rank	123.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,13									
Angularity	-1,11									
Chest Width	2,08									
Body Depth	1,37									
Rump Angle	-0,93									
Rear Legs Side View	0,67									
Foot Angle	0,14									
Fore Udder Attachment	1,36									
Front Teat Placement	1,99									
Teat Length	-1,81									
Rear Udder Height	-0,26									
Rear Udder Width	0,69									
Central Ligament	0,82									
Udder Depth	1,27									
Rump Width	1,66									
Rear Legs Rear View	-0,33									
Rear Teat Placement	2,37									
Locomotion	0,53									
Body Condition	2,32									

daught. average

85,8	Frame	0,79
82,1	Dairy Strength	0,28
83,3	Feet & Legs	0,22
80,4	Udder	1,32
	SHI	131,0
	rank	51.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
DKR NIAGRA ALBEN-ET	FR001445852791	15.03.2011	AML-006
Country of origin	FR	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	07.11.2011
		FR	1445852791

Pedigree

Sire _____ **PGS** END-ROAD PVF BOLIVER-ET
RI-VAL-RE 2338 NIAGRA-ET
US000062067753
US000123586443
PGD RI-VAL-RE JESTHER NILLIE-ET
US000060403538

Dam _____ **MGS** BRAEDALE GOLDWYN-ET
ALLYNDALE-I GOLDWYN ALBANY-ET
CA000008956395
CA000010705608 **GAD-002**
MGD MD-DELIGHT DURHAM ATLEE-ET
US000131704103

Milk production data	SK 10/2018	Herds	57	Daug.	960	Rel.	99 %	SPI	2302
Number controls		BV		Milk		Fat	%	rank	90.
13755				514		16	-0,08	18	0,04
								SCS	3,24
								rank	875.

Type data	SHA 10/2018	Herds	30 / 11	Daug.	153	81,6	Rel.	89 %	TYPE	1,18
								rank	124.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,54									
Angularity	-0,04									
Chest Width	0,29									
Body Depth	0,44									
Rump Angle	-1,61									
Rear Legs Side View	-0,39									
Foot Angle	0,82									
Fore Udder Attachment	1,89									
Front Teat Placement	0,38									
Teat Length	0,16									
Rear Udder Height	0,57									
Rear Udder Width	-0,75									
Central Ligament	0,19									
Udder Depth	1,43									
Rump Width	-0,05									
Rear Legs Rear View	2,13									
Rear Teat Placement	-0,27									
Locomotion	2,12									
Body Condition	-0,25									

daught. average

84,8 **Frame** **0,51**

81,5 **Dairy Strength** **0,15**

83,5 **Feet & Legs** **2,20**

79,0 **Udder** **0,63**

SHI **116,8**

rank 78.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
OLIVEHOLME AEROLINE-ET	CA000005429693	09.06.1991	ARS-022
Country of origin	CA	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	08.10.1991
		CAN	257881

Pedigree

Sire	PGS	HANOVERHILL STARBUCK
MADAWASKA AEROSTAR		CA000000352790
CA000000383622	PGD	MADAWASKA SHADY
STB-011		CA0000003511527
Dam	MGS	WALKWAY CHIEF MARK
OLIVEHOLME MARK BECKY		US000001773417
CA0000004630016	MGD	OLIVEHOLME DUTCHESS
		CA0000004282351

Milk production data	SK 10/2018	Herds	42	Daug.	377	Rel.	98 %	SPI	1171
Number controls		BV		Milk		Fat	%	Prot.	%
7887				383	12	-0,05	5	-0,15	
								SCS	3,08
								rank	242.
								rank	652.

Type data	SHA 10/2018	Herds	37 / 15	Daug.	123	78,3	Rel.	90 %	TYPE	1,17
									rank	125.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,13									
Angularity	0,48									
Chest Width	0,55									
Body Depth	0,86									
Rump Angle	-1,38									
Rear Legs Side View	-0,68									
Foot Angle	0,15									
Fore Udder Attachment	-0,54									
Front Teat Placement	-0,56									
Teat Length	-0,05									
Rear Udder Height	1,35									
Rear Udder Width	1,85									
Central Ligament	-0,14									
Udder Depth	-0,89									
Rump Width	0,91									
Rear Legs Rear View	0,14									
Rear Teat Placement	0,06									
Locomotion	0,33									
Body Condition	0,41									

daught. average

80,4	Frame	0,35
77,1	Dairy Strength	1,33
78,4	Feet & Legs	0,50
77,9	Udder	1,34
	SHI	82,3
	rank	156.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
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Bull name	Registration number	Birth date	State Register
COYNE-FARMS DAMAR-ET	US000135509942	04.06.2004	MED-007
Country of origin	US	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	22.02.2005
		USA	HU2005003431

Pedigree

Sire	PGS	HA-HO CUBBY MANFRED-ET US000002183007
RICH-J SOSA-ET US000125997863	PGD	SILDAHL-EAGLE BW SPICEY-ET US000015806051
Dam	MGS	STARTMORE RUDOLPH-ET CA000005470579 ARS-015
COYNE-FARMS RUDOLPH DAFFY US000018044589	MGD	COYNE-FARMS MERRILL DAISY US000015889098

Milk production data	SK 10/2018	Herds	34	Daug.	80	Rel.	92 %	SPI	482
Number controls		BV		Milk		Fat		rank	362.
1747				336		-2	-0,27	1	-0,20
								SCS	3,04
								rank	618.

Type data	SHA 10/2018	Herds	12 / 9	Daug.	24	80,2	Rel.	63 %	TYPE	1,17
								rank	126.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	2,69									
Angularity	-1,06									
Chest Width	1,02									
Body Depth	2,11									
Rump Angle	-0,48									
Rear Legs Side View	-0,59									
Foot Angle	1,93									
Fore Udder Attachment	-0,41									
Front Teat Placement	-0,24									
Teat Length	1,88									
Rear Udder Height	-1,37									
Rear Udder Width	-0,50									
Central Ligament	0,68									
Udder Depth	-0,07									
Rump Width	1,52									
Rear Legs Rear View	1,96									
Rear Teat Placement	-0,10									
Locomotion	-0,24									
Body Condition	0,87									

daught. average

86,5	Frame	2,86
79,3	Dairy Strength	-0,01
80,9	Feet & Legs	1,16
77,0	Udder	-0,53
	SHI	61,4
	rank	226.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
LADYS-MANOR AGRESSIVE-ET	US000135886652	09.11.2004	SOM-019

Country of origin	US	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	03.10.2005
		CA	DC148065

Pedigree

Sire	PGS	MAUGHLIN STORM-ET
HARTLINE TITANIC-ET		CA000005457798
US000123066734	PGD	DOCO LEADMAN TENACIOUS
SOM-007		US000014734618
Dam	MGS	DIXIE-LEE AARON-ET
LADYS-MANOR AUTUMN		US000002265005
US000060093782	MGD	LADYS-MANOR TOREE-ET
		US000121477095

Milk production data	SK 10/2018	Herds	21	Daug.	58	Rel.	89 %	SPI	-786
Number controls		BV		Milk		Fat	%	Prot.	%
943				-79		-4	-0,04	-9	-0,14
								SCS	3,38
								rank	1040.

Type data	SHA 10/2018	Herds	11 / 5	Daug.	29	78,5	Rel.	68 %	TYPE	1,17
									rank	127.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	1,38									
Angularity	-0,18									
Chest Width	-0,65									
Body Depth	-1,36									
Rump Angle	-0,18									
Rear Legs Side View	-2,73									
Foot Angle	1,83									
Fore Udder Attachment	0,10									
Front Teat Placement	0,72									
Teat Length	0,11									
Rear Udder Height	1,73									
Rear Udder Width	1,47									
Central Ligament	1,57									
Udder Depth	1,16									
Rump Width	0,32									
Rear Legs Rear View	2,42									
Rear Teat Placement	1,01									
Locomotion	-0,08									
Body Condition	-0,99									

daught. average

83,6	Frame	0,91
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77,1	Dairy Strength	-0,82
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79,0	Feet & Legs	1,79
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76,6	Udder	1,52
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	SHI	23,2
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rank 353.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
TULIP	NL00000831039	09.06.2000	TUL-004
Country of origin	NL	Breed	R100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	08.08.2000
		NLD	52179

Pedigree

Sire	PGS	DOMAR NIGHTHAWK
SUBLIEM TULIP RED		CA000005004326
NL000815222426	PGD	BATENBURG BAT TINA 824
NIK-001		NL000458657432
Dam	MGS	KINGLEA LEADER
RED ROSE		US000001926780
NL000113885279	MGD	STOOKEY EP BLACKROSE-ET
		US000014085789

Milk production data	SK 10/2018	Herds	37	Daug.	77	Rel.	90 %	SPI	-2211
Number controls		BV		Milk	Fat	%	Prot.	%	rank
1449				-569	-16	0,11	-15	0,05	SCS
									rank
									966.
									195.

Type data	SHA 10/2018	Herds	5 / 5	Daug.	11	78,6	Rel.	50 %	TYPE	1,17
									rank	128.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,13									
Angularity	0,98									
Chest Width	1,05									
Body Depth	0,74									
Rump Angle	-0,77									
Rear Legs Side View	0,72									
Foot Angle	0,65									
Fore Udder Attachment	0,06									
Front Teat Placement	2,22									
Teat Length	0,28									
Rear Udder Height	1,51									
Rear Udder Width	3,03									
Central Ligament	-0,79									
Udder Depth	0,85									
Rump Width	0,33									
Rear Legs Rear View	0,73									
Rear Teat Placement	1,61									
Locomotion	-0,49									
Body Condition	0,90									

daught. average

81,5	Frame	0,47
79,3	Dairy Strength	1,38
78,8	Feet & Legs	-0,73
76,6	Udder	1,60
	SHI	-19,8
	rank	554.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
SPORTLER	DE000351318854	29.04.2007	PEL-036
Country of origin	DE	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	30.05.2008
		DE	08/37054

Pedigree

Sire	PGS	CAROL PRELUDE MTOTO-ET
PICSTON SHOTTLE-ET		IT006001001962
GB000000598172	PGD	CONDON AERO SHARON
PEL-033		CA000005373153
Dam	MGS	LAUDAN-ET
FREIHEIT		DE000578448776
DE000348216626	MGD	FLURA
		DE000341943010

Milk production data	SK 10/2018	Herds	31	Daug.	249	Rel.	97 %	SPI	1840
Number controls		BV		Milk		Fat	%	rank	137.
4527				595		3	-0,34	14	-0,09
								SCS	2,45
								rank	60.

Type data	SHA 10/2018	Herds	14 / 9	Daug.	48	80,7	Rel.	76 %	TYPE	1,17
								rank	129.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,54									
Angularity	1,05									
Chest Width	-0,00									
Body Depth	-0,52									
Rump Angle	-0,68									
Rear Legs Side View	-0,37									
Foot Angle	0,09									
Fore Udder Attachment	1,11									
Front Teat Placement	0,00									
Teat Length	-0,15									
Rear Udder Height	1,29									
Rear Udder Width	0,15									
Central Ligament	1,18									
Udder Depth	0,77									
Rump Width	0,17									
Rear Legs Rear View	-0,28									
Rear Teat Placement	-0,11									
Locomotion	0,86									
Body Condition	-0,67									

daught. average

82,6	Frame	-0,44
81,5	Dairy Strength	0,72
82,1	Feet & Legs	0,72
78,6	Udder	1,69
	SHI	102,3
	rank	111.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
SNOWBIZ SYMION-ET	NL000548077232	29.08.2013	MED-060
Country of origin	NL	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	02.10.2013
		DE	13/13766

Pedigree

Sire	PGS	FLEVO GENETICS SNOWMAN-ET
DYMENTHOLM S SYMPATICO-ET		NL000388965513
CA000011004723	PGD	DES-Y-GEN PLANET SILK-ET
		CA000106109413
Dam	MGS	FLEVO GENETICS SNOWMAN-ET
GEN-I-BEQ SNOWMAN SUMMER-ET		NL000388965513
CA000106807371	MGD	GEN-I-BEQ BOLTON SECRETLY
		CA000104862616

Milk production data	SK 10/2018	Herds	6	Daug.	93	Rel.	86 %	SPI	1389
Number controls		BV		Milk	Fat	%	Prot.	%	rank
572				350	14	-0,01	8	-0,06	SCS
									3,25
									rank
									...

Type data	SHA 10/2018	Herds	14 / 3	Daug.	44	82,3	Rel.	70 %	TYPE	1,17
									rank	130.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,40									
Angularity	1,07									
Chest Width	-0,31									
Body Depth	-0,59									
Rump Angle	-1,77									
Rear Legs Side View	-2,08									
Foot Angle	1,36									
Fore Udder Attachment	1,50									
Front Teat Placement	1,13									
Teat Length	1,17									
Rear Udder Height	1,33									
Rear Udder Width	0,54									
Central Ligament	0,13									
Udder Depth	1,47									
Rump Width	-0,46									
Rear Legs Rear View	1,55									
Rear Teat Placement	0,75									
Locomotion	1,04									
Body Condition	0,22									

daught. average

84,5	Frame	-0,01
81,2	Dairy Strength	0,23
84,8	Feet & Legs	1,57
80,5	Udder	1,01
	SHI	88,5
	rank	138.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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Bull name	Registration number	Birth date	State Register
STANLEY-ET	DE000579271216	28.01.2001	SOG-008

Country of origin	DE	Breed	R100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	26.02.2001
		DE	01/3448

Pedigree

Sire	PGS	STOLLBERG
STADEL RED		DE000605543976
DE001015240086	PGD	DOUBLETTE
		DE001015106572
Dam	MGS	CRACIN SWEET BINGLE RED-ET
CHRISSI		US000002104615
DE000577013685	MGD	CHRISTINA
		DE000505947360

Milk production data	SK 10/2018	Herds	42	Daug.	869	Rel.	99 %	SPI	-2162
Number controls		BV		Milk		Fat		rank	959.
17529				-662		-13	0,25	SCS	3,43
						-14	0,16	rank	1078.

Type data	SHA 10/2018	Herds	20 / 6	Daug.	128	79,1	Rel.	90 %	TYPE	1,16
								rank	131.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,44									
Angularity	-0,17									
Chest Width	1,07									
Body Depth	-0,12									
Rump Angle	-0,96									
Rear Legs Side View	-0,40									
Foot Angle	0,20									
Fore Udder Attachment	1,18									
Front Teat Placement	1,06									
Teat Length	-0,94									
Rear Udder Height	0,24									
Rear Udder Width	0,48									
Central Ligament	-0,21									
Udder Depth	1,32									
Rump Width	1,56									
Rear Legs Rear View	0,70									
Rear Teat Placement	0,85									
Locomotion	0,08									
Body Condition	1,58									

daught. average

82,6	Frame	0,75
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79,3	Dairy Strength	0,22
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79,2	Feet & Legs	0,45
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77,4	Udder	1,36
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	SHI	-18,6
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rank 547.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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Bull name	Registration number	Birth date	State Register
DEMARC RANCH	CA000103931564	04.01.2007	BW-055
Country of origin	CA	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	06.03.2012
		CA	DC194436

Pedigree

Sire	PGS	MARA-THON BW MARSHALL-ET TV
DIAMOND-OAK FROSTY-ET		US000002290977
US000131520543	PGD	MOHRFIELD SAND MOLLIE-ET
BW-023		US000017215771
Dam	MGS	CANYON-BREEZE ALLEN-ET
OPSO ALLEN ROSE		US000017129288
CA000101327985	MGD	OPSO RUDOLPH ROSA
		CA000006946865

Milk production data	SK 10/2018	Herds	9	Daug.	86	Rel.	89 %	SPI	1483
Number controls		BV		Milk		Fat	%	Prot.	%
1274				404		1	-0,27	14	0,02
								SCS	2,72
								rank	...
								rank	...

Type data	SHA 10/2018	Herds	8 / 5	Daug.	23	81,7	Rel.	62 %	TYPE	1,16
									rank	132.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	1,55									
Angularity	-0,10									
Chest Width	0,49									
Body Depth	-0,28									
Rump Angle	2,04									
Rear Legs Side View	-0,69									
Foot Angle	-0,21									
Fore Udder Attachment	0,57									
Front Teat Placement	0,75									
Teat Length	-0,44									
Rear Udder Height	0,80									
Rear Udder Width	1,13									
Central Ligament	-0,35									
Udder Depth	0,57									
Rump Width	0,17									
Rear Legs Rear View	1,43									
Rear Teat Placement	0,83									
Locomotion	-0,23									
Body Condition	0,50									

daught. average

86,5	Frame	1,34
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81,7	Dairy Strength	0,13
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82,7	Feet & Legs	0,15
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79,0	Udder	1,05
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	SHI	91,1
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rank 132.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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Bull name	Registration number	Birth date	State Register
BUSLAK MORTY PLUTO-ET	SK000673706201	24.01.2004	FOM-017
Country of origin	SK	Breed	H93,8 S 6,2
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	04.01.2006
		SK	0341/31

Pedigree

Sire	PGS	SHEN-VAL NV LM FORMATION-ET
STOUDER MORTY-ET		US000002163822 LAD-009
US000017349617	PGD	CRACIN AEROSTAR MELISSA
FOM-004		US000015172400
Dam	MGS	MEADOW BRIDGE MILLION-ET
PAVLINKA		CA000005410058 ARS-008
SK000067275843	MGD	SK000033867823

Milk production data	SK 10/2018	Herds	23	Daug.	80	Rel.	92 %	SPI	-635
Number controls		BV		Milk		Fat	%	rank	602.
1480				58		-14	-0,31	SCS	3,35
						-5	-0,16	rank	1010.

Type data	SHA 10/2018	Herds	8 / 6	Daug.	24	79,5	Rel.	67 %	TYPE	1,15
								rank	133.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,16									
Angularity	-0,56									
Chest Width	1,94									
Body Depth	0,28									
Rump Angle	0,66									
Rear Legs Side View	1,03									
Foot Angle	-1,10									
Fore Udder Attachment	-0,15									
Front Teat Placement	0,33									
Teat Length	0,57									
Rear Udder Height	1,19									
Rear Udder Width	1,81									
Central Ligament	1,37									
Udder Depth	-0,38									
Rump Width	1,43									
Rear Legs Rear View	0,51									
Rear Teat Placement	-0,81									
Locomotion	-0,11									
Body Condition	1,43									

daught. average

81,3	Frame	0,83
77,8	Dairy Strength	0,04
80,3	Feet & Legs	-0,31
79,1	Udder	1,53
	SHI	27,0
	rank	337.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
GANVO ALEXANDER	NL000272173125	14.07.2000	JAT-007

Country of origin	NL	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	25.03.2005
		NL	56362

Pedigree

Sire	PGS	DELTA CLEITUS JABOT
WOUNDHOEVE RUSSEL		NL000316419721
NL000141079778	PGD	PIETJE 478
		NL000706423415
Dam	MGS	ETAZON CELSIUS-ET
GANVO ANNEMOON		NL000460508522
NL000174238496	MGD	GANVO FLEUR-ET
		NL000808490814

Milk production data	SK 10/2018	Herds	13	Daug.	217	Rel.	97 %	SPI	1490
Number controls		BV		Milk		Fat	%	Prot.	%
4034				174	14	0,13	13	0,16	
								SCS	3,14
								rank	175.
								rank	737.

Type data	SHA 10/2018	Herds	32 / 4	Daug.	179	79,9	Rel.	92 %	TYPE	1,15
									rank	134.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,00									
Angularity	-0,41									
Chest Width	0,65									
Body Depth	0,00									
Rump Angle	-1,40									
Rear Legs Side View	-0,72									
Foot Angle	0,68									
Fore Udder Attachment	0,91									
Front Teat Placement	0,20									
Teat Length	-1,19									
Rear Udder Height	0,59									
Rear Udder Width	2,26									
Central Ligament	0,37									
Udder Depth	-0,37									
Rump Width	0,88									
Rear Legs Rear View	-0,41									
Rear Teat Placement	0,25									
Locomotion	1,83									
Body Condition	1,29									

daught. average

81,3	Frame	0,18
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79,3	Dairy Strength	-0,11
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80,5	Feet & Legs	1,42
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79,3	Udder	1,72
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	SHI	91,0
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rank 134.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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Bull name	Registration number	Birth date	State Register
KARONA BONAIR-ET	CA000009324236	15.01.2003	MSN-007
Country of origin	CA	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	01.08.2003
		CA	DC101874

Pedigree

Sire	PGS	SHOREMAR MASON-ET
COMESTAR LHEROS-ET		CA000005279989
CA000006663935	PGD	COMESTAR LAURA BLACK-ET
MSN-006		CA000005319783
Dam	MGS	RICECREST EMERSON-ET
KARONA EMERSON BONNIE-ET		US000002271271
CA000010749214	MGD	LA PRESENTATION PETRELLE-ET
		CA000006847626

Milk production data	SK 10/2018	Herds	30	Daug.	572	Rel.	99 %	SPI	1525
Number controls		BV		Milk		Fat	%	rank	173.
11006				459		9	-0,17	SCS	3,32
								rank	967.

Type data	SHA 10/2018	Herds	15 / 6	Daug.	66	81,5	Rel.	80 %	TYPE	1,15
								rank	135.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	1,07									
Angularity	0,16									
Chest Width	1,14									
Body Depth	0,38									
Rump Angle	0,92									
Rear Legs Side View	0,26									
Foot Angle	0,16									
Fore Udder Attachment	0,25									
Front Teat Placement	-0,01									
Teat Length	-0,56									
Rear Udder Height	0,26									
Rear Udder Width	0,67									
Central Ligament	-0,75									
Udder Depth	0,14									
Rump Width	1,74									
Rear Legs Rear View	-0,24									
Rear Teat Placement	0,06									
Locomotion	0,50									
Body Condition	0,64									

daught. average

87,0	Frame	1,48
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81,9	Dairy Strength	1,01
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81,9	Feet & Legs	-0,13
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78,5	Udder	0,60
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	SHI	91,9
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rank 130.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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Bull name	Registration number	Birth date	State Register
CHAMPION KING ELSON 1-ET	NL000610943276	12.08.2012	MNA-020

Country of origin	NL	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	06.02.2013
		DE	13/1890

Pedigree

Sire	PGS	RIDGE-STAR JAMMER-ET	
VA-EARLY-DAWN SUDAN CRI-ET		US000130247861	MNA-017
US000062768990	PGD	WINDROSE SLR SUGAREE-ET	
		US000124857041	
Dam	MGS	LONG-LANGS OMAN OMAN-ET	
010 QUEEN ELSA		US000135746776	
NL000568241105	MGD	FG ELSA 5	
		NL000388965784	

Milk production data	SK 10/2018	Herds	26	Daug.	265	Rel.	95 %	SPI	4481
Number controls		BV		Milk		Fat	%	Prot.	%
3033				768	44	0,22	34	0,20	SCS
									rank
									10.
									rank
									255.

Type data	SHA 10/2018	Herds	39 / 12	Daug.	103	82,1	Rel.	85 %	TYPE	1,12
									rank	136.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,96									
Angularity	-0,03									
Chest Width	-0,29									
Body Depth	-0,19									
Rump Angle	1,31									
Rear Legs Side View	-0,54									
Foot Angle	-0,74									
Fore Udder Attachment	1,31									
Front Teat Placement	0,48									
Teat Length	-1,47									
Rear Udder Height	1,26									
Rear Udder Width	0,40									
Central Ligament	1,31									
Udder Depth	1,08									
Rump Width	-0,32									
Rear Legs Rear View	0,09									
Rear Teat Placement	0,16									
Locomotion	1,23									
Body Condition	-0,49									

daught. average

85,3	Frame	0,89
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81,0	Dairy Strength	-0,60
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83,2	Feet & Legs	0,27
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80,4	Udder	1,46
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	SHI	180,0
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rank 17.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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Bull name	Registration number	Birth date	State Register
ECLAIREUR	FR004526109228	06.03.2009	BW-044
Country of origin	FR	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	08.07.2010
		FR	F/S 540571

Pedigree

Sire	PGS	MARA-THON BW MARSHALL-ET TV
SILDAHL AIRRAID		US000002290977
US000131688542	PGD	SILDAHL MANFRED AIR ATTACK
		US000127745181
Dam	MGS	O-BEE MANFRED JUSTICE-ET
VALERIANE		US000122358313
FR002141062370	MGD	REMARLINDA
		FR002100001532

Milk production data	SK 10/2018	Herds	18	Daug.	85	Rel.	91 %	SPI	-823
Number controls		BV		Milk		Fat		rank	646.
1752				-198		-5	0,04	SCS	3,39
						-6	-0,01	rank	1045.

Type data	SHA 10/2018	Herds	8 / 5	Daug.	33	80,8	Rel.	67 %	TYPE	1,12
								rank	137.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	1,07									
Angularity	0,34									
Chest Width	0,31									
Body Depth	0,20									
Rump Angle	0,45									
Rear Legs Side View	-1,64									
Foot Angle	0,30									
Fore Udder Attachment	1,33									
Front Teat Placement	1,65									
Teat Length	-1,35									
Rear Udder Height	1,06									
Rear Udder Width	0,95									
Central Ligament	0,11									
Udder Depth	0,83									
Rump Width	-0,38									
Rear Legs Rear View	1,00									
Rear Teat Placement	0,19									
Locomotion	-0,23									
Body Condition	-0,66									

daught. average

85,4	Frame	0,96
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81,9	Dairy Strength	0,17
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81,7	Feet & Legs	0,45
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77,4	Udder	1,06
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	SHI	20,0
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rank 374.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
SANDY-VALLEY STARRING-ET	US000070358053	29.03.2011	MED-032

Country of origin	US	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	11.01.2012
		CA	DC298413

Pedigree

Sire	PGS	O-BEE MANFRED JUSTICE-ET
REGANCREST ALTAIOTA-ET		US000122358313
US000061898306		MED-012
MED-040	PGD	REGANCREST ITO ISA
		US000060870571
Dam	MGS	ENSENADA TABOO PLANET-ET
SANDY-VALLEY PLANE SAPPHIRE		US000060597003
US000066454736		BS-050
	MGD	SANDY-VALLEY BOLT SHEILA-ET
		US000063114851

Milk production data	SK 10/2018	Herds	30	Daug.	291	Rel.	96 %	SPI	4565
Number controls		BV		Milk		Fat		rank	7.
4137				1337		19	-0,49	SCS	2,97
						34	-0,14	rank	530.

Type data	SHA 10/2018	Herds	18 / 9	Daug.	56	81,8	Rel.	77 %	TYPE	1,12
								rank	138.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	1,63									
Angularity	-0,58									
Chest Width	0,22									
Body Depth	-0,58									
Rump Angle	0,86									
Rear Legs Side View	-0,51									
Foot Angle	0,26									
Fore Udder Attachment	0,39									
Front Teat Placement	0,36									
Teat Length	-0,16									
Rear Udder Height	0,30									
Rear Udder Width	1,27									
Central Ligament	0,49									
Udder Depth	0,40									
Rump Width	0,67									
Rear Legs Rear View	-0,19									
Rear Teat Placement	0,32									
Locomotion	1,54									
Body Condition	-0,32									

daught. average

86,3	Frame	1,53
80,8	Dairy Strength	-0,61
83,3	Feet & Legs	1,01
79,1	Udder	0,54
	SHI	182,3
	rank	16.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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Bull name	Registration number	Birth date	State Register
ORLIN-ET	DE001265237672	09.11.2010	BES-023

Country of origin	DE	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	21.12.2010
		DE	10/8498

Pedigree

Sire	PGS	APPLOUIS JET STREAM-ET	
LAESCHWAY JET BOWSER-ET		US000130558361	
US000064872951	PGD	SCHAULANE BOLIVER BRANDI-ET	
		US000061975564	
Dam	MGS	O-BEE MANFRED JUSTICE-ET	
FUSTEAD OMAN SAMMY		US000122358313	MED-012
US000061436655	MGD	VELVET-VIEW SAHARA	
		US000133126026	

Milk production data	SK 10/2018	Herds	50	Daug.	1010	Rel.	99 %	SPI	3110
Number controls		BV		Milk		Fat	%	rank	39.
11759				644		7	-0,31	SCS	3,27
								rank	904.

Type data	SHA 10/2018	Herds	26 / 13	Daug.	185	81,1	Rel.	91 %	TYPE	1,11
								rank	139.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	1,53									
Angularity	0,24									
Chest Width	0,37									
Body Depth	-0,57									
Rump Angle	0,54									
Rear Legs Side View	-0,25									
Foot Angle	1,62									
Fore Udder Attachment	1,63									
Front Teat Placement	0,51									
Teat Length	-0,55									
Rear Udder Height	0,53									
Rear Udder Width	-0,03									
Central Ligament	-0,76									
Udder Depth	1,31									
Rump Width	0,32									
Rear Legs Rear View	-1,60									
Rear Teat Placement	0,53									
Locomotion	0,36									
Body Condition	0,13									

daught. average

85,7	Frame	1,52
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80,9	Dairy Strength	-0,03
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83,0	Feet & Legs	1,28
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77,9	Udder	0,19
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	SHI	138,1
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rank 40.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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Bull name	Registration number	Birth date	State Register
COPPERTOP DOBERMAN-ET	US000061980877	03.10.2005	PEL-053
Country of origin	US	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	21.06.2006
		US	M06017397

Pedigree

Sire	PGS	CAROL PRELUDE MTOTO-ET IT006001001962
PICSTON SHOTTLE-ET GB000000598172 PEL-033	PGD	CONDON AERO SHARON CA000005373153
Dam	MGS	J-MOR ELTON GRANGER-ET US000002283503
WINDLEWAY GRANGER DOVE US000060429221	MGD	WINDLEWAY DODIE MISSILE US000127910772

Milk production data	SK 10/2018	Herds	25	Daug.	586	Rel.	98 %	SPI	2980
Number controls	BV	Milk	Fat	%	Prot.	%	rank	45.	
8995		392	29	0,23	25	0,27	SCS	2,40	rank 47.

Type data	SHA 10/2018	Herds	49 / 11	Daug.	312	82,2	Rel.	94 %	TYPE	1,11
rank 140.										

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,38									
Angularity	1,99									
Chest Width	-0,53									
Body Depth	-0,83									
Rump Angle	0,03									
Rear Legs Side View	-0,44									
Foot Angle	0,53									
Fore Udder Attachment	0,62									
Front Teat Placement	1,99									
Teat Length	-0,79									
Rear Udder Height	-0,12									
Rear Udder Width	0,03									
Central Ligament	0,67									
Udder Depth	0,08									
Rump Width	0,38									
Rear Legs Rear View	-0,11									
Rear Teat Placement	0,98									
Locomotion	1,36									
Body Condition	-0,45									

daught. average

84,8	Frame	0,08
82,1	Dairy Strength	0,83
83,4	Feet & Legs	1,04
80,4	Udder	1,13
	SHI	134,1
	rank	45.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

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Bull name	Registration number	Birth date	State Register
PARKER AERO WADE-ET	US000002182318	10.11.1991	ARS-020
Country of origin	US	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	08.04.1992
		USA	IG168321B

Pedigree

Sire	PGS	HANOVERHILL STARBUCK
MADAWASKA AEROSTAR		CA000000352790
CA000000383622	PGD	MADAWASKA SHADY
STB-011		CA0000003511527
Dam	MGS	WALKWAY CHIEF MARK
PARKER MARK AMARA-ET		US000001773417
US000012714936	MGD	SAWTOOTH PETES AMANDA
		US000010419431

Milk production data	SK 10/2018	Herds	33	Daug.	146	Rel.	96 %	SPI	-585
Number controls		BV		Milk		Fat	%	rank	587.
2931				-71		-3	-0,01	SCS	2,62
							-6	rank	149.
							-0,10		

Type data	SHA 10/2018	Herds	25 / 16	Daug.	69	77,4	Rel.	85 %	TYPE	1,10
								rank	141.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	1,49									
Angularity	-0,62									
Chest Width	1,15									
Body Depth	0,52									
Rump Angle	0,11									
Rear Legs Side View	-0,04									
Foot Angle	-0,29									
Fore Udder Attachment	1,12									
Front Teat Placement	0,30									
Teat Length	0,13									
Rear Udder Height	0,98									
Rear Udder Width	-0,26									
Central Ligament	0,49									
Udder Depth	1,29									
Rump Width	-1,15									
Rear Legs Rear View	1,11									
Rear Teat Placement	0,75									
Locomotion	2,00									
Body Condition	1,05									

daught. average

81,9	Frame	1,54
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74,2	Dairy Strength	0,13
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77,1	Feet & Legs	0,71
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76,9	Udder	0,72
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	SHI	26,5
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rank 340.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

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Bull name	Registration number	Birth date	State Register
BRAEDALE FREELANCE-ET	CA000006962003	21.03.1998	ALE-003
Country of origin	CA	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	02.10.1998
		CAN	BT425264

Pedigree

Sire	PGS	MADAWASKA AEROSTAR	
OLIVEHOLME AEROLINE-ET		CA000000383622	STB-011
CA000005429693	PGD	OLIVEHOLME MARK BECKY	
ARS-022		CA000004630016	
Dam	MGS	MARK CJ GILBROOK GRAND-ET	
BRAEDALE GYPSY GRAND		CA000000393207	WLK-023
CA000005912235	MGD	BRAEDALE MOONRIVER	
		CA000005441737	

Milk production data	SK 10/2018	Herds	18	Daug.	162	Rel.	96 %	SPI	-1147
Number controls		BV		Milk		Fat	%	Prot.	%
3133				-365		3	0,33	-11	-0,00
								rank	724.
								SCS	3,49
								rank	1132.

Type data	SHA 10/2018	Herds	16 / 5	Daug.	66	79,4	Rel.	84 %	TYPE	1,10
									rank	142.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,02									
Angularity	1,63									
Chest Width	-0,01									
Body Depth	0,83									
Rump Angle	-0,61									
Rear Legs Side View	0,23									
Foot Angle	-1,26									
Fore Udder Attachment	0,67									
Front Teat Placement	0,33									
Teat Length	-0,80									
Rear Udder Height	0,99									
Rear Udder Width	1,41									
Central Ligament	-1,07									
Udder Depth	-0,44									
Rump Width	-0,23									
Rear Legs Rear View	0,95									
Rear Teat Placement	-0,04									
Locomotion	1,42									
Body Condition	-0,61									

daught. average

80,4	Frame	0,10
80,2	Dairy Strength	2,09
80,1	Feet & Legs	0,28
78,2	Udder	0,92
	SHI	9,5
	rank	425.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

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Bull name	Registration number	Birth date	State Register
WINDEMERE JAMBOREE	US000002261765	12.10.1994	JED-003
Country of origin	US	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	09.10.1995
		CAN	BT361493

Pedigree

Sire	PGS	ARLINDA ROTATE
JUNIPER ROTATE JED-ET		US000001697572
US000002040728	PGD	HURL-FOUR TRADITION JACKY
		US000011997469
Dam	MGS	ROTHROCK TRADITION LEADMAN
WINDEMERE-MASMILL JELLYBEAN		US000001983348
US000014237052	MGD	MASPRING DARRYL JANET
		US000013163039

Milk production data	SK 10/2018	Herds	30	Daug.	303	Rel.	98 %	SPI	-551
Number controls		BV		Milk		Fat		rank	580.
6274				-349		18	0,61	SCS	3,12
						-9	0,04	rank	713.

Type data	SHA 10/2018	Herds	18 / 8	Daug.	70	78,4	Rel.	82 %	TYPE	1,10
								rank	143.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,04									
Angularity	0,84									
Chest Width	-1,05									
Body Depth	0,54									
Rump Angle	-1,21									
Rear Legs Side View	-1,25									
Foot Angle	1,83									
Fore Udder Attachment	-0,24									
Front Teat Placement	0,55									
Teat Length	0,47									
Rear Udder Height	0,15									
Rear Udder Width	1,64									
Central Ligament	0,60									
Udder Depth	-0,62									
Rump Width	1,11									
Rear Legs Rear View	1,20									
Rear Teat Placement	-0,01									
Locomotion	-0,14									
Body Condition	0,25									

daught. average

80,7	Frame	-0,04
78,3	Dairy Strength	0,95
78,2	Feet & Legs	1,51
77,3	Udder	1,08
	SHI	27,5
	rank	334.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

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Bull name	Registration number	Birth date	State Register
SH SURANY MICA PADRE ET	SK000070475858	07.03.1997	MIC-001
Country of origin	SK	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	

Pedigree

Sire	PGS	ARLINDA MELWOOD-ET
CMV MICA-ET		US000001879149
US000002125714	PGD	BRIARPATCH-R MISTY-ET
		US000012882374
Dam	MGS	OSDEL-ENDEAVOR BOVA CUBBY
PAULO-BRO CUB KANDI,4355-ET		US000001986164 BA-002
US000015023807	MGD	GLC BLACKSTAR,KANDACE-ET
		US000013877453

Milk production data	SK 10/2018	Herds	38	Daug.	97	Rel.	93 %	SPI	-1110
Number controls		BV		Milk		Fat		rank	717.
1884				-211		-2	0,11	SCS	2,66
						-12	-0,13	rank	167.

Type data	SHA 10/2018	Herds	16 / 10	Daug.	25	77,2	Rel.	68 %	TYPE	1,10
								rank	144.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,63									
Angularity	0,31									
Chest Width	-0,04									
Body Depth	1,32									
Rump Angle	0,36									
Rear Legs Side View	1,22									
Foot Angle	2,21									
Fore Udder Attachment	0,42									
Front Teat Placement	-0,35									
Teat Length	1,76									
Rear Udder Height	0,21									
Rear Udder Width	-0,62									
Central Ligament	0,59									
Udder Depth	-0,27									
Rump Width	0,27									
Rear Legs Rear View	0,87									
Rear Teat Placement	-1,81									
Locomotion	0,82									
Body Condition	-1,23									

daught. average

80,8	Frame	0,76
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74,6	Dairy Strength	0,85
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78,5	Feet & Legs	2,03
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76,1	Udder	0,19
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	SHI	10,6
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rank 421.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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Bull name	Registration number	Birth date	State Register
JENNY-LOU MRSHL TOYSTORY-ET	US000060372887	07.05.2001	BW-053

Country of origin	US	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	18.11.2005
		US	MO5010745

Pedigree

Sire	PGS	MAIZEFIELD BELLWOOD-ET	
MARA-THON BW MARSHALL-ET TV		US000002103297	MEW-004
US000002290977	PGD	MORGAN VALLEY ELTON MARA	
		US000014840387	
Dam	MGS	BRABANT STAR PATRON-ET	
JENNY-LOU PATRON TOYANE		US000002160458	BS-034
US000017313307	MGD	JENNY-LOU LUKE TAKIA	
		US000015749666	

Milk production data	SK 10/2018	Herds	8	Daug.	123	Rel.	94 %	SPI	913
Number controls		BV		Milk		Fat	%	Prot.	%
1939				290	2	-0,17	7	-0,04	SCS
									rank
									...
									rank
									...

Type data	SHA 10/2018	Herds	18 / 4	Daug.	88	81,1	Rel.	87 %	TYPE	1,10
									rank	145.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,72									
Angularity	0,46									
Chest Width	-0,76									
Body Depth	0,13									
Rump Angle	0,79									
Rear Legs Side View	-0,54									
Foot Angle	0,80									
Fore Udder Attachment	1,37									
Front Teat Placement	0,72									
Teat Length	0,89									
Rear Udder Height	0,99									
Rear Udder Width	0,09									
Central Ligament	0,54									
Udder Depth	1,29									
Rump Width	-0,83									
Rear Legs Rear View	1,71									
Rear Teat Placement	0,81									
Locomotion	-0,63									
Body Condition	-0,91									

daught. average	82,9	Frame	0,36
	80,5	Dairy Strength	-0,16
	83,8	Feet & Legs	0,87
	79,1	Udder	1,12
		SHI	71,5
		rank	190.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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Bull name	Registration number	Birth date	State Register
VATLAND MAUSER-ET	US000066521489	24.02.2009	BS-065

Country of origin	US	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	05.11.2009
		US	M09058662

Pedigree

Sire	PGS	ROSE-BAUM TABOO-ET	
ENSENADA TABOO PLANET-ET		US000017121203	
US000060597003	PGD	PLUSHANSKI AMEL PATTY-ET	
BS-050		US000130161039	
Dam	MGS	O-BEE MANFRED JUSTICE-ET	
VATLAND O MAN MARY 2007		US000122358313	MED-012
US000061656440	MGD	VATLAND MORTY MARIE 1694	
		US000061086905	

Milk production data	SK 10/2018	Herds	20	Daug.	477	Rel.	97 %	SPI	3340
Number controls		BV		Milk		Fat	%	rank	31.
4288				828		23	-0,15	SCS	2,71
						24	-0,03	rank	214.

Type data	SHA 10/2018	Herds	38 / 11	Daug.	165	81,8	Rel.	90 %	TYPE	1,10
								rank	146.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,37									
Angularity	-0,46									
Chest Width	0,92									
Body Depth	0,63									
Rump Angle	1,23									
Rear Legs Side View	0,06									
Foot Angle	0,24									
Fore Udder Attachment	1,75									
Front Teat Placement	2,06									
Teat Length	-1,28									
Rear Udder Height	0,81									
Rear Udder Width	0,58									
Central Ligament	0,23									
Udder Depth	1,03									
Rump Width	1,25									
Rear Legs Rear View	-1,18									
Rear Teat Placement	1,11									
Locomotion	-0,01									
Body Condition	1,34									

daught. average		
85,1	Frame	0,65
81,1	Dairy Strength	0,07
82,8	Feet & Legs	-0,03
80,0	Udder	1,44
	SHI	144,6
	rank	33.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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Bull name	Registration number	Birth date	State Register
Q G KISS-ME-ET	NL000174383804	03.12.1995	MNL-001
Country of origin	NL	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	02.08.1996
		NLD	174383804

Pedigree

Sire	PGS	EXELS S-W-D EAGLE
LUTZ-MEADOWS E MANDEL-ET		US000001858047
US000002119526	PGD	LUTZ-MEADOWS MARK MEDLEY-ET
		US0000012593031
Dam	MGS	SOUTHWIND BELL OF BAR-LEE
SFL SOUTHWIND KARMA-ET		US000001964484
US0000014137278		BEL-001
	MGD	MCHART KISMET-ET
		US0000013130486

Milk production data	SK 10/2018	Herds	52	Daug.	184	Rel.	96 %	SPI	-954
Number controls		BV		Milk		Fat		rank	681.
3801				-66		-13	-0,22	SCS	2,61
						-8	-0,13	rank	139.

Type data	SHA 10/2018	Herds	18 / 12	Daug.	35	77,3	Rel.	75 %	TYPE	1,09
								rank	147.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	1,59									
Angularity	1,03									
Chest Width	-1,40									
Body Depth	-0,63									
Rump Angle	-0,78									
Rear Legs Side View	-1,29									
Foot Angle	0,57									
Fore Udder Attachment	1,04									
Front Teat Placement	0,83									
Teat Length	1,75									
Rear Udder Height	-0,29									
Rear Udder Width	0,20									
Central Ligament	-0,16									
Udder Depth	0,79									
Rump Width	0,85									
Rear Legs Rear View	-0,26									
Rear Teat Placement	1,32									
Locomotion	-0,11									
Body Condition	0,72									

daught. average

81,2	Frame	1,23
74,9	Dairy Strength	0,64
77,5	Feet & Legs	0,93
76,4	Udder	0,56
	SHI	14,8
	rank	399.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
KREGNOL TOP LUKE-ET	US000002267089	10.09.1994	LU-012
Country of origin	US	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	01.05.1995
		USA	IG209839D

Pedigree

Sire	PGS	BIS-MAY TRADITION CLEITUS
NORRIELAKE CLEITUS LUKE-TWIN	US000001879085	CLE-003
US000002071864	PGD	NORRIELAKE VALIANT CHEER-ET
CLE-005	US000012365669	
Dam	MGS	HOW-EL-ACRES KIRK BELLMAN-ET
D-K-DANDY GALLANTLEAH-ET	US000001874634	
US000014891035	MGD	D-K-DANDY MARK GLAMORE
	US000013120660	

Milk production data	SK 10/2018	Herds	118	Daug.	1794	Rel.	99 %	SPI	1246
Number controls		BV		Milk		Fat	%	rank	224.
38187				493		3	-0,28	7	-0,16
								SCS	3,36
								rank	1022.

Type data	SHA 10/2018	Herds	72 / 26	Daug.	413	78,6	Rel.	96 %	TYPE	1,09
								rank	148.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,19									
Angularity	-0,43									
Chest Width	1,17									
Body Depth	-0,16									
Rump Angle	-0,97									
Rear Legs Side View	-1,63									
Foot Angle	0,37									
Fore Udder Attachment	1,10									
Front Teat Placement	0,45									
Teat Length	0,89									
Rear Udder Height	-0,07									
Rear Udder Width	-0,01									
Central Ligament	1,62									
Udder Depth	0,35									
Rump Width	-0,79									
Rear Legs Rear View	0,96									
Rear Teat Placement	0,26									
Locomotion	0,59									
Body Condition	1,01									

daught. average

80,9	Frame	0,20
78,3	Dairy Strength	-0,02
78,4	Feet & Legs	1,05
77,5	Udder	1,54
	SHI	81,1
	rank	162.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
GRIBALDI	NL000396302665	18.07.2005	LEO-004
Country of origin	Breed		H100
NL	Herdbook		HA
Distributor	Paternity		14.11.2006
SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	NL		149147

Pedigree

Sire	PGS	FRANKENHOF LUCKY LEO
IJSSEVLIEDT 140		NL000777133097
NL000235387828	PGD	IJSSEVLIEDT ROZA 105
		NL000857556165
Dam	MGS	ARCHIBALD
KINGFARM HOLSEINS GUSTA 281		NL000811488961
NL000240593618	MGD	KINGFARM HOLSTEINS GUSTA 281
		NL000179890811

Milk production data	SK 10/2018	Herds	25	Daug.	87	Rel.	92 %	SPI	-1291
Number controls		BV	Milk	Fat	%	Prot.	%	rank	753.
1834			-459	-1	0,32	-1	0,10	SCS	3,30
								rank	949.

Type data	SHA 10/2018	Herds	11 / 7	Daug.	18	79,7	Rel.	56 %	TYPE	1,09
								rank	149.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,83									
Angularity	-1,01									
Chest Width	0,52									
Body Depth	0,06									
Rump Angle	0,32									
Rear Legs Side View	-0,41									
Foot Angle	0,42									
Fore Udder Attachment	1,32									
Front Teat Placement	-1,21									
Teat Length	-0,12									
Rear Udder Height	2,14									
Rear Udder Width	0,99									
Central Ligament	0,64									
Udder Depth	0,91									
Rump Width	0,80									
Rear Legs Rear View	1,79									
Rear Teat Placement	-0,51									
Locomotion	1,04									
Body Condition	0,91									

daught. average

83,4	Frame	1,01
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78,5	Dairy Strength	-0,68
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81,1	Feet & Legs	0,76
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77,4	Udder	1,20
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	SHI	4,6
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rank 448.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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Bull name	Registration number	Birth date	State Register
TERRICK REGGIE	US000122554867	23.10.1998	BEL-023
Country of origin	US	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	13.03.2000
		CAN	BTIG255049A

Pedigree

Sire	PGS	SOUTHWIND BELL OF BAR-LEE
SECOND-LOOK JOLT	US000001964484	BEL-001
US000002149849	PGD	JO-HAR MARK JOYFUL
	US000013576914	
Dam	MGS	MJR BLACKSTAR EMORY-ET
TERRICK EMORY RIBBON	US000002114601	
US000017227433	MGD	TERRICK ARES RANDY
	US000014781405	

Milk production data	SK 10/2018	Herds	44	Daug.	395	Rel.	98 %	SPI	1024
Number controls		BV		Milk		Fat	%	rank	270.
7096				285		11	-0,01	5	-0,08
								SCS	3,09
								rank	686.

Type data	SHA 10/2018	Herds	20 / 8	Daug.	80	79,7	Rel.	84 %	TYPE	1,09
								rank	150.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,69									
Angularity	0,23									
Chest Width	-0,03									
Body Depth	-0,45									
Rump Angle	0,69									
Rear Legs Side View	-0,71									
Foot Angle	1,39									
Fore Udder Attachment	0,09									
Front Teat Placement	-0,62									
Teat Length	-0,30									
Rear Udder Height	1,59									
Rear Udder Width	1,94									
Central Ligament	0,04									
Udder Depth	-0,10									
Rump Width	0,23									
Rear Legs Rear View	0,75									
Rear Teat Placement	0,54									
Locomotion	0,27									
Body Condition	-0,08									

daught. average

83,3	Frame	0,63
79,6	Dairy Strength	0,35
80,0	Feet & Legs	0,57
77,6	Udder	0,97
	SHI	74,3
	rank	179.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

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Bull name	Registration number	Birth date	State Register
FARNEAR-TBR ALTAVALON-ET	US000065496393	21.02.2008	BW-057

Country of origin	US	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	31.10.2008
		US	M08045251

Pedigree

Sire	PGS	MARA-THON BW MARSHALL-ET TV
REGANCREST-HHF MAC-ET		US000002290977
US000060540164	PGD	REGANCREST RUDOLPH DENA-ET
		US000017391080
Dam	MGS	PICSTON SHOTTLE-ET
MORNINGVIEW SHTL ASSET-ET		GB000000598172
US000136933955	MGD	CANYON-BREEZE FIN AISHA-ET
		US000061763547

Milk production data	SK 10/2018	Herds	9	Daug.	501	Rel.	98 %	SPI	1871
Number controls		BV		Milk		Fat	%	Prot.	%
6703				644		-1	-0,43	15	-0,09
								SCS	2,49
								rank	...
								rank	...

Type data	SHA 10/2018	Herds	19 / 3	Daug.	105	82,5	Rel.	85 %	TYPE	1,08
									rank	151.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	2,11									
Angularity	0,56									
Chest Width	-0,49									
Body Depth	-1,17									
Rump Angle	-0,64									
Rear Legs Side View	0,28									
Foot Angle	0,55									
Fore Udder Attachment	1,23									
Front Teat Placement	-0,55									
Teat Length	0,15									
Rear Udder Height	0,96									
Rear Udder Width	-0,21									
Central Ligament	0,68									
Udder Depth	1,57									
Rump Width	0,81									
Rear Legs Rear View	0,01									
Rear Teat Placement	0,33									
Locomotion	0,00									
Body Condition	-1,19									

daught. average	86,0	Frame	1,76
	81,9	Dairy Strength	-0,61
	84,1	Feet & Legs	0,63
	80,2	Udder	0,59
		SHI	99,8
		rank	115.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

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Bull name	Registration number	Birth date	State Register
HAMMER-CREEK GOLD KOLTON-ET	US000062738964	29.12.2005	GAD-010

Country of origin	US	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	31.07.2006
		US	M06018372

Pedigree

Sire	PGS	SHOREMAR JAMES
BRAEDALE GOLDWYN-ET		CA000005902195
CA000010705608	PGD	BRAEDALE BALER TWINE-ET
GAD-002		CA000006860888
Dam	MGS	FUTURALAND ZADE-ET
HAMMER-CREEK ZADE KLASSIC		US000125349240
US000060822636	MGD	HAMMER-CREEK KATELYN-ET
		US000060430342

Milk production data	SK 10/2018	Herds	23	Daug.	361	Rel.	97 %	SPI	-450
Number controls		BV		Milk		Fat	%	rank	553.
5776				20		-6	-0,14	SCS	2,64
						-5	-0,13	rank	159.

Type data	SHA 10/2018	Herds	56 / 13	Daug.	186	82,1	Rel.	91 %	TYPE	1,08
								rank	152.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	1,17									
Angularity	1,35									
Chest Width	-0,60									
Body Depth	-0,80									
Rump Angle	-0,07									
Rear Legs Side View	-1,33									
Foot Angle	0,88									
Fore Udder Attachment	1,18									
Front Teat Placement	0,26									
Teat Length	1,76									
Rear Udder Height	1,84									
Rear Udder Width	0,58									
Central Ligament	0,73									
Udder Depth	1,03									
Rump Width	-0,47									
Rear Legs Rear View	0,20									
Rear Teat Placement	0,34									
Locomotion	-0,03									
Body Condition	-0,62									

daught. average

85,1	Frame	0,61
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81,6	Dairy Strength	0,18
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83,5	Feet & Legs	0,74
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80,1	Udder	1,09
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	SHI	29,7
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rank 327.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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Bull name	Registration number	Birth date	State Register
VAJHATI COWBOY BLITZ	HU003220172258	15.09.2003	EMY-005

Country of origin	HU	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	12.05.2005
		HUN	69868

Pedigree

Sire	PGS	MJR BLACKSTAR EMORY-ET
FUSTEAD EMORY BLITZ-ET		US000002114601
US000017013604	PGD	FUSTEAD TESK BEV
		US000014947858
Dam	MGS	MAUGHLIN STORM-ET
LELKES		CA000005457798
HU003025968678	MGD	LELKES
		HU003000297014

Milk production data	SK 10/2018	Herds	25	Daug.	89	Rel.	92 %	SPI	1260
Number controls		BV		Milk	Fat	%	Prot.	%	rank
1787				596	12	-0,19	2	-0,34	SCS
									rank
									221.
									3,15
									rank
									751.

Type data	SHA 10/2018	Herds	6 / 4	Daug.	15	78,9	Rel.	55 %	TYPE	1,08
									rank	153.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	2,68									
Angularity	0,81									
Chest Width	-0,24									
Body Depth	-1,13									
Rump Angle	1,71									
Rear Legs Side View	-0,64									
Foot Angle	1,51									
Fore Udder Attachment	0,60									
Front Teat Placement	-0,04									
Teat Length	-0,01									
Rear Udder Height	0,79									
Rear Udder Width	-0,02									
Central Ligament	1,16									
Udder Depth	0,85									
Rump Width	0,15									
Rear Legs Rear View	-0,02									
Rear Teat Placement	0,75									
Locomotion	-1,51									
Body Condition	-1,28									

daught. average

84,9	Frame	2,15
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78,9	Dairy Strength	0,53
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77,5	Feet & Legs	0,12
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76,7	Udder	0,40
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	SHI	81,2
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rank 161.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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Bull name	Registration number	Birth date	State Register
GENY	FR000802899270	07.10.2011	OBS-001
Country of origin	FR	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	24.04.2013
		FR	F/S 802899270

Pedigree

Sire **PGS** ENSENADA TABOO PLANET-ET
DE-SU OBSERVER-ET
US000065917481
US000060597003 **BS-050**

PGD DE-SU OMAN 6121-ET
US000061681442

Dam **MGS** PICSTON SHOTTLE-ET
PINE-TREE SHOTTLE MISSY-ET
US000063651488
GB000000598172 **PEL-033**

MGD WESSWOOD-HC RUDY MISSY-ET
US000122797679

Milk production data	SK 10/2018	Herds	30	Daug.	525	Rel.	98 %	SPI	2249
Number controls		BV		Milk		Fat		rank	98.
5541				654		1	-0,42	SCS	2,34
						20	-0,00	rank	32.

Type data	SHA 10/2018	Herds	19 / 9	Daug.	68	81,6	Rel.	79 %	TYPE	1,08
								rank	154.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,86									
Angularity	0,84									
Chest Width	-0,21									
Body Depth	-0,51									
Rump Angle	1,68									
Rear Legs Side View	-0,19									
Foot Angle	-0,29									
Fore Udder Attachment	1,64									
Front Teat Placement	1,51									
Teat Length	0,01									
Rear Udder Height	1,10									
Rear Udder Width	-0,17									
Central Ligament	0,41									
Udder Depth	1,34									
Rump Width	-0,90									
Rear Legs Rear View	-0,31									
Rear Teat Placement	0,75									
Locomotion	1,11									
Body Condition	-0,15									

daught. average

85,5 **Frame** **0,72**

81,0 **Dairy Strength** **0,41**

82,6 **Feet & Legs** **0,29**

79,6 **Udder** **1,08**

SHI **110,9**

rank 90.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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Bull name	Registration number	Birth date	State Register
FIDELITY RTH TYSON	US000002096310	17.09.1988	GEN-010
Country of origin	US	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	05.07.1989
		USA	IG126550A

Pedigree

Sire	PGS	GLENDELL ARLINDA CHIEF
ARLINDA ROTATE		US000001556373
US000001697572	PGD	ARLINDA CHIEF ROSE
		US000007370146
Dam	MGS	CARLIN-M IVANHOE BELL
MYERWOOD BELL LIZZIE		US000001667366
US0000011530449	MGD	HOBBYS MYERWOOD PETE LIZZIE
		US0000010290988

Milk production data	SK 10/2018	Herds	77	Daug.	816	Rel.	99 %	SPI	-2318
Number controls		BV		Milk	Fat	%	Prot.	%	rank
15263				-566	-16	0,10	-17	0,01	SCS
									rank
									993.
									426.

Type data	SHA 10/2018	Herds	26 / 17	Daug.	74	78,6	Rel.	86 %	TYPE	1,07
									rank	155.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	1,62									
Angularity	-0,22									
Chest Width	1,31									
Body Depth	1,65									
Rump Angle	1,27									
Rear Legs Side View	0,41									
Foot Angle	0,91									
Fore Udder Attachment	0,75									
Front Teat Placement	-0,79									
Teat Length	0,42									
Rear Udder Height	-0,72									
Rear Udder Width	-1,06									
Central Ligament	0,96									
Udder Depth	0,29									
Rump Width	0,78									
Rear Legs Rear View	0,29									
Rear Teat Placement	0,49									
Locomotion	0,01									
Body Condition	-0,12									

daught. average

82,5	Frame	1,99
76,4	Dairy Strength	1,11
78,2	Feet & Legs	0,56
77,7	Udder	-0,25
	SHI	-27,1
	rank	576.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

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Bull name	Registration number	Birth date	State Register
ENSENADA TABOO PLANET-ET	US000060597003	03.03.2003	BS-050
Country of origin	US	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	24.06.2008
		US	M08040409

Pedigree

Sire	PGS	END-ROAD BLACKSTAR MAJIC-ET
ROSE-BAUM TABOO-ET		US000002119660
US000017121203	PGD	ROSE-BAUM WINKEN ALAS
		US000014484760
Dam	MGS	OUT-JOCK CHOICE AMEL-ET
PLUSHANSKI AMEL PATTY-ET		US000002231596
US000130161039	MGD	DIVIDING-RIDGE PEG-ET
		US000017268712

Milk production data	SK 10/2018	Herds	22	Daug.	341	Rel.	98 %	SPI	5500
Number controls		BV		Milk		Fat	%	rank	3.
8082				1422		32	-0,34	SCS	2,75
								rank	246.

Type data	SHA 10/2018	Herds	84 / 10	Daug.	237	81,6	Rel.	95 %	TYPE	1,07
								rank	156.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,07									
Angularity	0,87									
Chest Width	0,17									
Body Depth	0,09									
Rump Angle	0,45									
Rear Legs Side View	1,27									
Foot Angle	-1,39									
Fore Udder Attachment	1,72									
Front Teat Placement	1,84									
Teat Length	-1,82									
Rear Udder Height	1,05									
Rear Udder Width	1,50									
Central Ligament	0,19									
Udder Depth	0,60									
Rump Width	-0,06									
Rear Legs Rear View	0,80									
Rear Teat Placement	1,66									
Locomotion	0,98									
Body Condition	-0,76									

daught. average

84,1	Frame	0,16
81,8	Dairy Strength	0,85
82,3	Feet & Legs	-0,44
80,0	Udder	1,70
	SHI	208,6
	rank	4.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
ROSBURG MARSHALL DAN	US000060465353	07.02.2002	BW-028

Country of origin	US	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	03.12.2002
		US	636380

Pedigree

Sire	PGS	MAIZEFIELD BELLWOOD-ET	
MARA-THON BW MARSHALL-ET TV		US000002103297	MEW-004
US000002290977	PGD	MORGAN VALLEY ELTON MARA	
		US000014840387	
Dam	MGS	RICECREST LANTZ-ET	
ROSBURG LANTZ DARLENE		US000002266008	LU-011
US000128843686	MGD	KERNDTWAY CONVERSE DEB-ET	
		US000015514396	

Milk production data	SK 10/2018	Herds	84	Daug.	1918	Rel.	99 %	SPI	1224
Number controls		BV		Milk		Fat		rank	232.
37425				487		3	-0,28	SCS	3,27
						7	-0,16	rank	913.

Type data	SHA 10/2018	Herds	139 / 33	Daug.	868	80,0	Rel.	98 %	TYPE	1,07
								rank	157.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,43									
Angularity	-0,73									
Chest Width	0,46									
Body Depth	0,70									
Rump Angle	-0,52									
Rear Legs Side View	-0,62									
Foot Angle	0,30									
Fore Udder Attachment	1,00									
Front Teat Placement	0,76									
Teat Length	0,45									
Rear Udder Height	0,75									
Rear Udder Width	0,94									
Central Ligament	0,27									
Udder Depth	0,25									
Rump Width	-0,53									
Rear Legs Rear View	0,82									
Rear Teat Placement	1,01									
Locomotion	1,18									
Body Condition	-0,59									

daught. average

83,4	Frame	0,44
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80,0	Dairy Strength	-0,09
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80,6	Feet & Legs	1,04
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78,0	Udder	1,32
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	SHI	79,6
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rank 164.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
GEN-I-BEQ SKYFIRE RED	CA000104862628	09.10.2007	BS-061
Country of origin	CA	Breed	R100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	18.07.2008
		CA	DC211859

Pedigree

Sire	PGS	MARKIM THUNDER
DUDOC MR BURNS-ET		US000017144785
CA000100745543	PGD	GRANDUC MAGGIE STORM-ET
BS-047		CA000006873895
Dam	MGS	PURSUIT SEPTEMBER STORM-ET
GEN-I-BEQ SEPTEMBER SKY-ET		CA000006820564
CA000103544314	MGD	GEN-I-BEQ IGNITER SACHA-ET
		CA000009221643

Milk production data	SK 10/2018	Herds	19	Daug.	203	Rel.	94 %	SPI	654
Number controls		BV		Milk		Fat	%	rank	337.
2973				301		9	-0,05	Prot.	-0 -0,20
								SCS	2,59
								rank	119.

Type data	SHA 10/2018	Herds	10 / 3	Daug.	30	81,2	Rel.	65 %	TYPE	1,06
								rank	158.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	1,77									
Angularity	0,49									
Chest Width	0,02									
Body Depth	0,56									
Rump Angle	-1,26									
Rear Legs Side View	-1,01									
Foot Angle	1,45									
Fore Udder Attachment	0,53									
Front Teat Placement	1,41									
Teat Length	-1,10									
Rear Udder Height	-0,41									
Rear Udder Width	-0,66									
Central Ligament	1,27									
Udder Depth	0,80									
Rump Width	0,43									
Rear Legs Rear View	-0,11									
Rear Teat Placement	1,49									
Locomotion	-1,74									
Body Condition	-0,41									

daught. average

85,0	Frame	1,67
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81,8	Dairy Strength	0,75
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82,4	Feet & Legs	0,31
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78,7	Udder	0,50
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	SHI	62,2
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rank 220.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
HORTY	CZ000038451061	27.04.2003	FOM-025

Country of origin	CZ	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	05.06.2009
		CZ	0400129

Pedigree

Sire	PGS	SHEN-VAL NV LM FORMATION-ET
STOUDER MORTY-ET		US000002163822
US000017349617		LAD-009
FOM-004	PGD	CRACIN AEROSTAR MELISSA
		US000015172400
Dam	MGS	BRABANT STAR PATRON-ET
NO-PE PATRON AKAZIE		US000002160458
CZ000068862502	MGD	DE001021359487

Milk production data	SK 10/2018	Herds	110	Daug.	2328	Rel.	99 %	SPI	2095
Number controls	BV	Milk	Fat	%	Prot.	%	rank		114.
44974		437	16	-0,03	16	0,05	SCS	3,19	rank
									805.

Type data	SHA 10/2018	Herds	94 / 28	Daug.	574	80,6	Rel.	97 %	TYPE	1,06
							rank			159.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,40									
Angularity	1,08									
Chest Width	0,99									
Body Depth	1,19									
Rump Angle	0,17									
Rear Legs Side View	-0,75									
Foot Angle	-0,94									
Fore Udder Attachment	-0,51									
Front Teat Placement	0,79									
Teat Length	0,19									
Rear Udder Height	0,88									
Rear Udder Width	1,63									
Central Ligament	0,34									
Udder Depth	-0,69									
Rump Width	1,15									
Rear Legs Rear View	0,37									
Rear Teat Placement	0,53									
Locomotion	-1,82									
Body Condition	0,15									

daught. average	85,3	Frame	0,83
	82,4	Dairy Strength	2,20
	80,5	Feet & Legs	-1,67
	77,3	Udder	0,88
		SHI	105,5
		rank	103.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
PENNVIEW INCOME	CA000006830327	26.02.1997	MEG-006

Country of origin	CA	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	29.10.1997
		CAN	BT405602

Pedigree

Sire	PGS	MADAWASKA AEROSTAR	
MEADOW BRIDGE MEGABUCK		CA000000383622	STB-011
CA000005425054	PGD	MEADOW BRIDGE MISCHIEF-ET	
		CA000004466380	
Dam	MGS	TO-MAR BLACKSTAR-ET	
PENNVIEW BLACKSTAR IVANNA		US000001929410	CHR-002
CA000005803584	MGD	PENNVIEW STARBUCK ISHTAR	
		CA000004428686	

Milk production data	SK 10/2018	Herds	74	Daug.	1119	Rel.	99 %	SPI	416
Number controls		BV		Milk	Fat	%	Prot.	%	rank
21408				252	-5	-0,28	3	-0,10	SCS
									rank
									374.
									992.

Type data	SHA 10/2018	Herds	25 / 11	Daug.	120	79,2	Rel.	88 %	TYPE	1,05
									rank	160.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,36									
Angularity	-0,33									
Chest Width	1,26									
Body Depth	2,32									
Rump Angle	-1,50									
Rear Legs Side View	-2,01									
Foot Angle	2,11									
Fore Udder Attachment	-0,06									
Front Teat Placement	-1,29									
Teat Length	0,75									
Rear Udder Height	-0,09									
Rear Udder Width	1,04									
Central Ligament	1,87									
Udder Depth	-0,83									
Rump Width	0,40									
Rear Legs Rear View	0,59									
Rear Teat Placement	0,02									
Locomotion	1,34									
Body Condition	0,83									

daught. average

81,9	Frame	0,10
79,6	Dairy Strength	0,89
79,4	Feet & Legs	1,78
77,5	Udder	0,70
	SHI	54,5
	rank	246.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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Bull name	Registration number	Birth date	State Register
VIDEO-ET	NL000388664641	04.06.2004	VTS-001

Country of origin	NL	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	23.12.2004
		NLD	121313

Pedigree

Sire	PGS	CESAR MASC.VALENTEIN-ET G.M.
SOUTHLAND VITUS		0908008098
NL000234631616	PGD	DIENA 73
		NL000122821770
Dam	MGS	ETAZON ADDISON-ET
SOUTHLAND A SON BELLE 30		NL000839380546
NL000263533303	MGD	SOUTHLAND BELLE 3
		NL000183723879

Milk production data	SK 10/2018	Herds	58	Daug.	474	Rel.	98 %	SPI	2796
Number controls		BV		Milk		Fat	%	rank	56.
8531				633		8	-0,28	26	0,13
								SCS	2,80
								rank	307.

Type data	SHA 10/2018	Herds	49 / 13	Daug.	203	80,8	Rel.	92 %	TYPE	1,05
								rank	161.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,96									
Angularity	0,29									
Chest Width	0,24									
Body Depth	0,50									
Rump Angle	2,07									
Rear Legs Side View	0,12									
Foot Angle	0,32									
Fore Udder Attachment	-0,59									
Front Teat Placement	0,28									
Teat Length	0,25									
Rear Udder Height	-0,10									
Rear Udder Width	1,22									
Central Ligament	0,15									
Udder Depth	-1,66									
Rump Width	0,67									
Rear Legs Rear View	0,73									
Rear Teat Placement	1,11									
Locomotion	1,94									
Body Condition	-0,21									

daught. average

84,5	Frame	1,08
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81,0	Dairy Strength	0,60
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82,5	Feet & Legs	1,47
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78,1	Udder	0,16
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	SHI	126,2
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rank 58.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
GILLETTE CUTLER-ET	CA000008209795	11.05.2001	JUX-007

Country of origin	CA	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	18.07.2007
		CA	DC52763

Pedigree

Sire	PGS	KED JUROR-ET	
SUMMERSHADE IGNITER		US000002124357	BS-017
CA000006466625	PGD	SUMMERSHADE ILENE SCOT-ET	
		CA000005619306	
Dam	MGS	MAUGHLIN STORM-ET	
BREADALE SECOND CUT-ET		CA000005457798	
CA000006860889	MGD	BRAEDALE GYPSY GRAND	
		CA000005912235	

Milk production data	SK 10/2018	Herds	15	Daug.	112	Rel.	94 %	SPI	-1501
Number controls		BV		Milk		Fat	%	Prot.	%
2064				-499		-9	0,19	-9	0,16
								SCS	3,03
								rank	812.
								rank	597.

Type data	SHA 10/2018	Herds	11 / 6	Daug.	31	80,5	Rel.	67 %	TYPE	1,04
									rank	162.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,33									
Angularity	-0,13									
Chest Width	-0,14									
Body Depth	-0,43									
Rump Angle	-1,04									
Rear Legs Side View	0,30									
Foot Angle	0,29									
Fore Udder Attachment	0,04									
Front Teat Placement	1,20									
Teat Length	-1,01									
Rear Udder Height	0,77									
Rear Udder Width	0,54									
Central Ligament	0,85									
Udder Depth	0,84									
Rump Width	-0,74									
Rear Legs Rear View	1,52									
Rear Teat Placement	1,03									
Locomotion	0,94									
Body Condition	-0,25									

daught. average

82,5	Frame	0,12
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80,7	Dairy Strength	0,01
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82,2	Feet & Legs	1,03
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78,6	Udder	1,28
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	SHI	-3,6
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rank 478.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
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Bull name	Registration number	Birth date	State Register
COYNE-FARMS JETSET-ET	US000070801849	19.01.2012	MED-046
Country of origin	US	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	22.11.2012
		CA	DC315425

Pedigree

Sire	PGS	LONG-LANGS OMAN OMAN-ET
MARBRI FACEBOOK-ET		US000135746776
CA000010847042	PGD	SERENITYHILL AIRRAID FAWN-ET
MED-058		CA000009795505
Dam	MGS	BADGER-BLUFF FANNY FREDDIE
COYNE-FARMS FREDDIE JILL-ET		US000060996956
US000068677598	MGD	COYNE-FARMS RAMOS JELLY
		US000063855188

Milk production data	SK 10/2018	Herds	5	Daug.	73	Rel.	86 %	SPI	2514
Number controls		BV		Milk	Fat	%	Prot.	%	rank
831				646	15	-0,18	19	-0,03	SCS
									rank

Type data	SHA 10/2018	Herds	10 / 3	Daug.	28	83,5	Rel.	61 %	TYPE	1,03
									rank	163.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	1,51									
Angularity	0,26									
Chest Width	0,21									
Body Depth	-0,29									
Rump Angle	1,51									
Rear Legs Side View	-0,33									
Foot Angle	0,14									
Fore Udder Attachment	0,04									
Front Teat Placement	0,95									
Teat Length	0,62									
Rear Udder Height	0,54									
Rear Udder Width	0,95									
Central Ligament	0,80									
Udder Depth	1,18									
Rump Width	-0,08									
Rear Legs Rear View	0,51									
Rear Teat Placement	-0,03									
Locomotion	0,51									
Body Condition	0,26									

daught. average

86,7	Frame	1,37
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82,6	Dairy Strength	-0,16
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84,8	Feet & Legs	0,65
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81,6	Udder	0,58
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	SHI	116,8
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rank 77.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
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Bull name	Registration number	Birth date	State Register
RONVINCER	FR006115061932	08.01.2000	ELN-005
Country of origin	FR	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	03.08.2001
		FRA	GS779504

Pedigree

Sire	PGS	EMPRISE BELL ELTON
WA-DEL CONVINCER-ET		US000001912270
US000002249055	PGD	WA-DEL CLEITUS CINDY-ET
ELN-002		US000013372706
Dam	MGS	ETAZON LORD LILY-ET
NYNCE		NL000780180664
FR006105029030	MGD	HPV LYNCEA
		FR005395017528

Milk production data	SK 10/2018	Herds	34	Daug.	75	Rel.	91 %	SPI	752
Number controls		BV		Milk		Fat		rank	315.
1429				288		5	-0,11	SCS	3,33
						3	-0,12	rank	984.

Type data	SHA 10/2018	Herds	16 / 11	Daug.	26	78,5	Rel.	66 %	TYPE	1,02
								rank	164.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,93									
Angularity	1,37									
Chest Width	-1,45									
Body Depth	-1,10									
Rump Angle	2,51									
Rear Legs Side View	0,80									
Foot Angle	-1,24									
Fore Udder Attachment	-0,08									
Front Teat Placement	2,72									
Teat Length	-2,20									
Rear Udder Height	0,66									
Rear Udder Width	0,10									
Central Ligament	2,16									
Udder Depth	0,65									
Rump Width	0,68									
Rear Legs Rear View	0,31									
Rear Teat Placement	3,05									
Locomotion	0,00									
Body Condition	-2,42									

daught. average

81,5	Frame	0,55
78,5	Dairy Strength	0,52
77,1	Feet & Legs	-0,13
77,4	Udder	1,41
	SHI	63,3
	rank	216.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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Bull name	Registration number	Birth date	State Register
GROENHILDE MALCOLM	NL000437880891	29.01.2006	PEL-046

Country of origin	NL	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	26.04.2006
		NL	141232

Pedigree

Sire	PGS	CAROL PRELUDE MTOTO-ET
PICSTON SHOTTLE-ET		IT006001001962
GB000000598172	PGD	CONDON AERO SHARON
PEL-033		CA000005373153
Dam	MGS	JOCKO BESN
JOCKO ROZANNE		FR005694028588
NL000276623314	MGD	LJSSELVLIEDT ROSA 126
		NL000214987087

Milk production data	SK 10/2018	Herds	29	Daug.	652	Rel.	98 %	SPI	1097
Number controls		BV		Milk		Fat	%	rank	250.
11098				428		-6	-0,40	10	-0,06
								SCS	2,48
								rank	79.

Type data	SHA 10/2018	Herds	13 / 7	Daug.	62	81,1	Rel.	82 %	TYPE	1,01
								rank	165.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,09									
Angularity	-0,07									
Chest Width	0,38									
Body Depth	-0,05									
Rump Angle	-0,13									
Rear Legs Side View	0,05									
Foot Angle	0,09									
Fore Udder Attachment	0,17									
Front Teat Placement	0,88									
Teat Length	0,95									
Rear Udder Height	0,69									
Rear Udder Width	1,22									
Central Ligament	0,76									
Udder Depth	-0,09									
Rump Width	0,75									
Rear Legs Rear View	0,96									
Rear Teat Placement	0,81									
Locomotion	2,46									
Body Condition	0,22									

daught. average

84,8	Frame	0,16
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81,2	Dairy Strength	0,12
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83,5	Feet & Legs	1,17
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78,1	Udder	1,13
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	SHI	73,6
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rank 181.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
SULLY ALTAMETEOR-ET	US000066011447	20.02.2009	BS-063

Country of origin	US	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	29.10.2009
		US	MO9058293

Pedigree

Sire	PGS	ROSE-BAUM TABOO-ET	
ENSENADA TABOO PLANET-ET		US000017121203	
US000060597003	PGD	PLUSHANSKI AMEL PATTY-ET	
BS-050		US000130161039	
Dam	MGS	PICSTON SHOTTLE-ET	
SULLY SHOTTLE MAY-TW		GB000000598172	PEL-033
US000138218285	MGD	MS SULLY OMAN MUETZE-ET	
		US000137317589	

Milk production data	SK 10/2018	Herds	7	Daug.	89	Rel.	89 %	SPI	3235
Number controls		BV		Milk		Fat	%	Prot.	%
1322				1065	3	-0,61	26	-0,13	SCS
									rank
									...
									rank
									...

Type data	SHA 10/2018	Herds	13 / 4	Daug.	50	82,7	Rel.	75 %	TYPE	1,01
									rank	166.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,79									
Angularity	0,65									
Chest Width	0,05									
Body Depth	0,42									
Rump Angle	-0,68									
Rear Legs Side View	0,74									
Foot Angle	-0,60									
Fore Udder Attachment	2,22									
Front Teat Placement	1,37									
Teat Length	-0,38									
Rear Udder Height	1,18									
Rear Udder Width	0,51									
Central Ligament	0,53									
Udder Depth	2,45									
Rump Width	1,12									
Rear Legs Rear View	0,15									
Rear Teat Placement	0,88									
Locomotion	1,37									
Body Condition	-0,83									

daught. average

85,8	Frame	0,78
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82,7	Dairy Strength	0,49
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83,6	Feet & Legs	0,19
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80,8	Udder	1,01
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	SHI	137,9
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rank 41.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
HENDEL BIGSTONE-ET	US000065283042	03.12.2007	LU-047

Country of origin	US	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	07.08.2008
		CA	DC213276

Pedigree

Sire	PGS	LEXVOLD LUKE HERSHEL-ET	
SANDY-VALLEY BOLTON-ET		US000002294436	LU-013
US000131823833	PGD	SANDY-VALLEY BLESSING-ET	
		US000128824973	
Dam	MGS	O-BEE MANFRED JUSTICE-ET	
GLEN-D-HAVEN OMAN BIFFY-ET		US000122358313	MED-012
US000052323638	MGD	GLEN-D-HAVEN AARON BAMBI-ET	
		US000050426692	

Milk production data	SK 10/2018	Herds	25	Daug.	405	Rel.	97 %	SPI	2919
Number controls		BV		Milk		Fat	%	Prot.	%
5807				572	21	-0,02	24	0,12	SCS
									rank
									51.
									rank
									160.

Type data	SHA 10/2018	Herds	15 / 8	Daug.	48	81,5	Rel.	74 %	TYPE	0,99
									rank	167.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	1,45									
Angularity	0,46									
Chest Width	0,32									
Body Depth	0,49									
Rump Angle	-1,04									
Rear Legs Side View	-0,24									
Foot Angle	0,65									
Fore Udder Attachment	1,41									
Front Teat Placement	1,17									
Teat Length	0,10									
Rear Udder Height	0,06									
Rear Udder Width	-0,41									
Central Ligament	0,19									
Udder Depth	1,16									
Rump Width	-0,19									
Rear Legs Rear View	-1,65									
Rear Teat Placement	0,99									
Locomotion	-0,23									
Body Condition	-0,26									

daught. average	85,5	Frame	1,25
	82,5	Dairy Strength	0,76
	81,9	Feet & Legs	-0,03
	78,8	Udder	0,70
		SHI	127,8
		rank	55.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
HUIJBEN CLOUDY-ET	NL000885374913	24.05.2012	AML-009
Country of origin	Breed		H100
NL	Herdbook		HA
Distributor	Paternity		

Pedigree

Sire	PGS	CHARLESDALE SUPERSTITION-ET
GENERATIONS EPIC-ET		US000062065919
CA000011104016		AML-004
AML-016	PGD	TRAMILDA-N BAXTER EMILY-ET
		US000139232811
Dam	MGS	ENSENADA TABOO PLANET-ET
ELAINE-ET		US000060597003
DE000664101904		BS-050
	MGD	RAINYRIDGE MR BURNS EARA
		CA000009728492

Milk production data	SK 10/2018	Herds	27	Daug.	457	Rel.	97 %	SPI	2442
Number controls		BV		Milk	Fat	%	Prot.	%	rank
3091				423	27	0,17	17	0,08	SCS
									rank
									310.

Type data	SHA 10/2018	Herds	19 / 7	Daug.	54	81,7	Rel.	75 %	TYPE	0,99
									rank	168.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,96									
Angularity	2,03									
Chest Width	-0,97									
Body Depth	-1,17									
Rump Angle	0,76									
Rear Legs Side View	0,36									
Foot Angle	0,37									
Fore Udder Attachment	0,90									
Front Teat Placement	1,51									
Teat Length	-0,66									
Rear Udder Height	1,31									
Rear Udder Width	0,15									
Central Ligament	0,78									
Udder Depth	1,64									
Rump Width	-0,34									
Rear Legs Rear View	-0,05									
Rear Teat Placement	0,30									
Locomotion	0,55									
Body Condition	-0,88									

daught. average

85,3 **Frame** 0,61

81,1 **Dairy Strength** 0,68

83,1 **Feet & Legs** 0,24

79,4 **Udder** 0,79

SHI 113,4

rank 87.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
WAUREGAN JOCKEY-ET	US000002158941	12.03.1991	LAD-007

Country of origin	US	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	02.08.1991
		USA	IG158508B

Pedigree

Sire	PGS	SWEET-HAVEN TRADITION
ROTHROCK TRADITION LEADMAN		US000001682485
US000001983348	PGD	WALKUP VALIANT LOU ELLA
TDN-004		US000010930744
Dam	MGS	HANOVERHILL STARBUCK
GERAN STARBUCK JAYLENE-ET		CA000000352790
US000012619668	MGD	BRIGEEN VALIANT JACKIE-ET
		US000010863701

Milk production data	SK 10/2018	Herds	20	Daug.	295	Rel.	97 %	SPI	997
Number controls		BV		Milk		Fat	%	rank	276.
5561				179	15	0,13	5	SCS	3,49
								rank	1139.

Type data	SHA 10/2018	Herds	10 / 6	Daug.	57	78,1	Rel.	79 %	TYPE	0,99
								rank	169.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,52									
Angularity	0,90									
Chest Width	0,42									
Body Depth	0,22									
Rump Angle	-1,25									
Rear Legs Side View	-2,33									
Foot Angle	0,82									
Fore Udder Attachment	-0,83									
Front Teat Placement	0,14									
Teat Length	2,19									
Rear Udder Height	0,62									
Rear Udder Width	0,85									
Central Ligament	0,82									
Udder Depth	-0,75									
Rump Width	0,63									
Rear Legs Rear View	1,42									
Rear Teat Placement	0,92									
Locomotion	-1,38									
Body Condition	-0,39									

daught. average

79,7	Frame	-0,20
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76,2	Dairy Strength	1,49
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78,8	Feet & Legs	0,67
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77,9	Udder	1,05
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	SHI	69,7
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rank 194.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
COMESTAR EXPORT-ET	CA000006812634	15.04.1997	ELL-001
Country of origin	CA	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	10.09.1997
		CAN	BT401884

Pedigree

Sire	PGS	TO-MAR BLACKSTAR-ET
ETAZON LORD LILY-ET		US000001929410
NL000780180664	PGD	HIGH-SIGHTS ROTATE LILY-ET
		US000012951348
Dam	MGS	A TOWNSON LINDY-ET
COMESTAR LAURALYN LINDY		CA000000382748
CA000006341920	MGD	COMESTAR LAURA BLACK-ET
		CA000005319783

Milk production data	SK 10/2018	Herds	36	Daug.	487	Rel.	99 %	SPI	-60
Number controls		BV		Milk		Fat	%	Prot.	%
10163				-216		14	0,43	-2	0,09
								SCS	3,22
								rank	475.
								rank	836.

Type data	SHA 10/2018	Herds	19 / 6	Daug.	139	79,3	Rel.	91 %	TYPE	0,99
									rank	170.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,10									
Angularity	1,86									
Chest Width	-0,99									
Body Depth	-1,45									
Rump Angle	1,84									
Rear Legs Side View	0,25									
Foot Angle	-0,54									
Fore Udder Attachment	1,06									
Front Teat Placement	0,94									
Teat Length	-0,12									
Rear Udder Height	1,26									
Rear Udder Width	0,52									
Central Ligament	0,42									
Udder Depth	0,98									
Rump Width	-0,20									
Rear Legs Rear View	1,27									
Rear Teat Placement	0,83									
Locomotion	-0,08									
Body Condition	-1,43									

daught. average

81,3	Frame	-0,18
80,2	Dairy Strength	1,25
79,1	Feet & Legs	-0,31
77,8	Udder	1,60
	SHI	37,7
	rank	308.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
VELTHIUS SOPHOMORE-ET	CA00009969495	04.03.2009	BS-054
Country of origin	CA	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	06.11.2009
		CA	DC243106

Pedigree

Sire	PGS	ROSE-BAUM TABOO-ET
ENSENADA TABOO PLANET-ET		US000017121203
US000060597003	PGD	PLUSHANSKI AMEL PATTY-ET
BS-050		US000130161039
Dam	MGS	JENNY-LOU MARSHALL P149-ET
VELTHIUS LOU SOFIA-ET		US000122274798
CA000008956398	MGD	GEN-I-BEQ GOLDWYN SOFIA-ET
		CA000103506630

Milk production data	SK 10/2018	Herds	3	Daug.	30	Rel.	84 %	SPI	3982
Number controls		BV		Milk	Fat	%	Prot.	%	rank
758				969	31	-0,10	28	-0,05	SCS
									rank

Type data	SHA 10/2018	Herds	7 / 3	Daug.	30	80,4	Rel.	69 %	TYPE	0,98
									rank	171.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,48									
Angularity	1,16									
Chest Width	-0,11									
Body Depth	0,45									
Rump Angle	0,62									
Rear Legs Side View	-0,75									
Foot Angle	-0,68									
Fore Udder Attachment	0,93									
Front Teat Placement	-0,42									
Teat Length	0,17									
Rear Udder Height	0,91									
Rear Udder Width	2,14									
Central Ligament	0,07									
Udder Depth	-0,87									
Rump Width	-1,08									
Rear Legs Rear View	2,23									
Rear Teat Placement	-0,18									
Locomotion	0,50									
Body Condition	-0,52									

daught. average

84,1	Frame	-0,24
81,7	Dairy Strength	0,91
81,6	Feet & Legs	0,29
77,1	Udder	1,30
	SHI	159,2
	rank	29.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
NORRIELAKE GIBSON-ET	US000017259131	14.12.1996	BS-044
Country of origin	US	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	04.12.1997
		USA	IG238117C

Pedigree

Sire	PGS	TO-MAR BLACKSTAR-ET	
PEN-COL DUSTER-ET		US000001929410	CHR-002
US000002147486	PGD	BAYVILLE-HP SECRET DAWN	
		US000013454607	
Dam	MGS	EMPRISE BELL ELTON	
NORRIELAKE ELTON GAIL-ET		US000001912270	
US000015716663	MGD	NORRIELAKE LEADMAN ACE-ET	
		US000014354410	

Milk production data	SK 10/2018	Herds	48	Daug.	455	Rel.	98 %	SPI	1470
Number controls		BV		Milk		Fat	%	rank	180.
9575				251		12	0,03	SCS	3,10
						12	0,09	rank	696.

Type data	SHA 10/2018	Herds	31 / 13	Daug.	200	78,7	Rel.	93 %	TYPE	0,98
								rank	172.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,59									
Angularity	-0,20									
Chest Width	1,66									
Body Depth	0,68									
Rump Angle	0,27									
Rear Legs Side View	-0,72									
Foot Angle	-0,18									
Fore Udder Attachment	0,68									
Front Teat Placement	1,64									
Teat Length	0,06									
Rear Udder Height	0,50									
Rear Udder Width	0,44									
Central Ligament	0,51									
Udder Depth	0,55									
Rump Width	0,21									
Rear Legs Rear View	0,94									
Rear Teat Placement	1,77									
Locomotion	0,58									
Body Condition	1,27									

daught. average

81,2	Frame	-0,10
79,4	Dairy Strength	0,84
79,1	Feet & Legs	0,53
77,0	Udder	1,44
	SHI	83,5
	rank	149.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
ELAN-ET	DE000663196025	17.10.2007	SOG-012

Country of origin	DE	Breed	R100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	02.11.2007
		DE	07/44007

Pedigree

Sire	PGS	STADEL RED
ALPAR STADEL ELAYO RED-ET		DE001015240086
IT004902063469	PGD	ALPAR FACTOR VIENNA RED
		IT000401039395
Dam	MGS	ORIGIN
MICHELLE 38-ET		DE000576536679
DE000579888325	MGD	HORSTYLE MARSHALL MINDY-ET
		US000060413995

Milk production data	SK 10/2018	Herds	19	Daug.	460	Rel.	97 %	SPI	1145
Number controls		BV		Milk		Fat	%	rank	245.
4682				336		2	-0,20	10	-0,02
								SCS	2,61
								rank	137.

Type data	SHA 10/2018	Herds	5 / 3	Daug.	100	80,6	Rel.	85 %	TYPE	0,96
								rank	173.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,12									
Angularity	-1,41									
Chest Width	1,33									
Body Depth	1,68									
Rump Angle	-1,00									
Rear Legs Side View	-0,42									
Foot Angle	1,31									
Fore Udder Attachment	1,12									
Front Teat Placement	0,73									
Teat Length	0,45									
Rear Udder Height	0,68									
Rear Udder Width	0,02									
Central Ligament	0,77									
Udder Depth	1,24									
Rump Width	-1,53									
Rear Legs Rear View	-1,47									
Rear Teat Placement	0,32									
Locomotion	0,10									
Body Condition	1,44									

daught. average

83,1	Frame	0,11
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81,6	Dairy Strength	-0,12
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81,6	Feet & Legs	1,03
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78,3	Udder	1,14
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	SHI	73,0
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rank 184.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
WILCOX CALIFA	ES009202316952	11.12.2003	FOM-024

Country of origin	ES	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	22.03.2004
		NL	112162

Pedigree

Sire	PGS	SHEN-VAL NV LM FORMATION-ET
OPSAL FINLEY-ET	US000002163822	LAD-009
US000120780521	PGD	DE-SU OPSAL ETHAN FIONA-ET
	US000015788871	
Dam	MGS	STARTMORE RUDOLPH-ET
WILCOXVIEW RUDOLPH CALI-ET	CA000005470579	ARS-015
US000120190690	MGD	WILCOXVIEW BC CAMI-ET
	US000015964475	

Milk production data	SK 10/2018	Herds	7	Daug.	117	Rel.	94 %	SPI	1154
Number controls		BV		Milk		Fat	%	Prot.	%
2745				59	18	0,28	9	0,15	SCS
									rank
									...
									rank
									...

Type data	SHA 10/2018	Herds	16 / 8	Daug.	68	80,0	Rel.	81 %	TYPE	0,96
									rank	174.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,76									
Angularity	-0,72									
Chest Width	1,18									
Body Depth	0,57									
Rump Angle	-1,75									
Rear Legs Side View	0,02									
Foot Angle	0,58									
Fore Udder Attachment	0,48									
Front Teat Placement	0,09									
Teat Length	0,00									
Rear Udder Height	-0,28									
Rear Udder Width	0,42									
Central Ligament	-0,65									
Udder Depth	0,40									
Rump Width	2,68									
Rear Legs Rear View	-0,54									
Rear Teat Placement	0,49									
Locomotion	0,54									
Body Condition	0,41									

daught. average	84,1	Frame	1,17
	80,5	Dairy Strength	0,13
	81,3	Feet & Legs	0,83
	77,0	Udder	0,29
		SHI	73,2
		rank	183.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
SHEN-VAL NV LM FORMATION-ET	US000002163822	16.01.1991	LAD-009
Country of origin	US	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	09.07.1991
		USA	IG157491B

Pedigree

Sire	PGS	SWEET-HAVEN TRADITION
ROTHROCK TRADITION LEADMAN		US000001682485
US000001983348	PGD	WALKUP VALIANT LOU ELLA
TDN-004		US000010930744
Dam	MGS	WALKWAY CHIEF MARK
SHEN-VAL MARK FAY		US000001773417
US000013008118	MGD	SHEN-VAL PETE FAY
		US000012158466

Milk production data	SK 10/2018	Herds	103	Daug.	954	Rel.	99 %	SPI	1249
Number controls		BV		Milk		Fat		rank	223.
19793				607		2	-0,36	SCS	2,92
								rank	459.

Type data	SHA 10/2018	Herds	140 / 42	Daug.	476	77,9	Rel.	97 %	TYPE	0,96
								rank	175.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,41									
Angularity	0,07									
Chest Width	0,94									
Body Depth	-0,14									
Rump Angle	-0,13									
Rear Legs Side View	-0,13									
Foot Angle	0,22									
Fore Udder Attachment	1,42									
Front Teat Placement	2,14									
Teat Length	0,62									
Rear Udder Height	0,41									
Rear Udder Width	0,04									
Central Ligament	-0,47									
Udder Depth	1,20									
Rump Width	1,30									
Rear Legs Rear View	-0,36									
Rear Teat Placement	1,11									
Locomotion	-1,63									
Body Condition	-0,55									

daught. average

80,4	Frame	0,78
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76,8	Dairy Strength	0,70
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77,5	Feet & Legs	-0,40
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77,4	Udder	1,03
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	SHI	76,0
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rank 173.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
MONGO-ET	DE000345515613	10.02.2000	PEL-025
Country of origin	DE	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	26.04.2000
		DEU	00/6091

Pedigree

Sire	PGS	RONNYBROOK PRELUDE-ET
CAROL PRELUDE MTOTO-ET		CA000000392457
IT006001001962	PGD	BLACKSTAR BETSY-ET
		US000014459466
Dam	MGS	LUTZ-MEADOWS E MANDEL-ET
WINDSOR 27		US000002119526
DE000111091712	MGD	MISS MEL-HAM LDM GENIE-ET
		US000014572527

Milk production data	SK 10/2018	Herds	80	Daug.	860	Rel.	99 %	SPI	-454
Number controls		BV		Milk		Fat		rank	554.
16566				-97		-2	0,02	SCS	2,59
						-4	-0,03	rank	120.

Type data	SHA 10/2018	Herds	19 / 7	Daug.	69	77,7	Rel.	82 %	TYPE	0,96
								rank	176.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,21									
Angularity	-0,35									
Chest Width	0,91									
Body Depth	1,87									
Rump Angle	-3,33									
Rear Legs Side View	-2,35									
Foot Angle	1,92									
Fore Udder Attachment	0,12									
Front Teat Placement	0,11									
Teat Length	0,38									
Rear Udder Height	-0,89									
Rear Udder Width	-0,14									
Central Ligament	0,97									
Udder Depth	-0,24									
Rump Width	0,93									
Rear Legs Rear View	-0,23									
Rear Teat Placement	0,95									
Locomotion	2,48									
Body Condition	0,82									

daught. average

80,5	Frame	-0,09
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78,2	Dairy Strength	0,86
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78,3	Feet & Legs	2,47
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75,6	Udder	0,37
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	SHI	24,7
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rank 347.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
BEAUCOISE BLACK KING,ET	US000005364343	28.01.1991	BS-031
Country of origin	US	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	03.07.1991
		CAN	250959

Pedigree

Sire	PGS	CAL-CLARK BOARD CHAIRMAN
TO-MAR BLACKSTAR-ET	US000001723741	ADM-008
US000001929410	PGD	TO-MAR WAYNE HAY
CHR-002	US000009804790	
Dam	MGS	WALKWAY CHIEF MARK
BEAUCOISE MARK KIWI-ET	US000001773417	
CA000004466987	MGD	CHACOOK ELEVATION KIM
	CA000003185989	

Milk production data	SK 10/2018	Herds	15	Daug.	165	Rel.	96 %	SPI	-656
Number controls		BV		Milk		Fat	%	Prot.	%
3170				-101	2	0,10	-9	-0,13	
								SCS	2,87
								rank	607.
								rank	387.

Type data	SHA 10/2018	Herds	6 / 2	Daug.	52	77,9	Rel.	79 %	TYPE	0,95
									rank	177.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,16									
Angularity	0,03									
Chest Width	0,17									
Body Depth	0,57									
Rump Angle	-0,44									
Rear Legs Side View	1,01									
Foot Angle	1,49									
Fore Udder Attachment	0,70									
Front Teat Placement	0,09									
Teat Length	-0,96									
Rear Udder Height	1,38									
Rear Udder Width	0,33									
Central Ligament	0,70									
Udder Depth	0,68									
Rump Width	0,28									
Rear Legs Rear View	-0,66									
Rear Teat Placement	1,70									
Locomotion	0,37									
Body Condition	-0,87									

daught. average

79,8	Frame	0,02
76,4	Dairy Strength	0,71
78,9	Feet & Legs	0,41
77,4	Udder	1,30
	SHI	18,3
	rank	383.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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Bull name	Registration number	Birth date	State Register
LADYS-MANOR ARCHER-ET	US000135916988	19.10.2004	ALE-004
Country of origin	US	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	11.10.2005
		CA	DC148423

Pedigree

Sire

BRAEDALE FREELANCE-ET
CA000006962003
ALE-003

PGS

OLIVEHOLME AEROLINE-ET
CA000005429693

ARS-022

PGD

BRAEDALE GYPSY GRAND
CA000005912235

Dam

LADYS-MANOR AUTUMN
US000060093782

MGS

DIXIE-LEE AARON-ET
US000002265005

LU-009

MGD

LADYS-MANOR TOREE-ET
US000121477095

Milk production data

SK 10/2018

Herds **24** Daug. **69** Rel. **91 %** **SPI** **1764**

Number controls

BV Milk Fat % Prot. % rank 142.

1267 **296** **19** **0,12** **13** **0,08** **SCS** **3,45**

rank 1110.

Type data

SHA 10/2018

Herds **11 / 8** Daug. **16** 79,2 Rel. **60 %** **TYPE** **0,95**

rank 178.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,03									
Angularity	1,37									
Chest Width	0,27									
Body Depth	0,62									
Rump Angle	-0,20									
Rear Legs Side View	-0,67									
Foot Angle	-0,43									
Fore Udder Attachment	0,76									
Front Teat Placement	-0,52									
Teat Length	-1,32									
Rear Udder Height	0,79									
Rear Udder Width	1,15									
Central Ligament	-0,32									
Udder Depth	0,02									
Rump Width	0,95									
Rear Legs Rear View	1,12									
Rear Teat Placement	0,10									
Locomotion	1,45									
Body Condition	-0,47									

daught. average

83,3 **Frame** **0,31**

81,4 **Dairy Strength** **1,61**

79,1 **Feet & Legs** **0,77**

76,5 **Udder** **0,91**

SHI **91,2**

rank 131.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
FENYKL-ET	CZ000120506769	19.11.2001	LU-028
Country of origin	CZ	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	25.09.2002
		CZ	123502

Pedigree

Sire	PGS	NORRIELAKE CLEITUS LUKE-TWIN
LEXVOLD LUKE HERSHEL-ET	US000002071864	CLE-005
US000002294436	PGD	LEXVOLD MASCOT HILARY-ET
LU-013	US000014854001	
Dam	MGS	GIBBON
GOLDEN OAKS GIBBON LISA-ET	FR002991000305	BEL-019
US000121120238	MGD	SOLID GOLD MOUNTAIN LA LA
	US000015333725	

Milk production data	SK 10/2018	Herds	23	Daug.	339	Rel.	98 %	SPI	642
Number controls		BV		Milk		Fat	%	Prot.	%
6091				330		1	-0,21	2	-0,17
								SCS	2,69
								rank	184.

Type data	SHA 10/2018	Herds	24 / 5	Daug.	89	79,4	Rel.	85 %	TYPE	0,95
									rank	179.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	1,23									
Angularity	0,04									
Chest Width	-0,12									
Body Depth	0,76									
Rump Angle	-1,01									
Rear Legs Side View	-0,18									
Foot Angle	0,61									
Fore Udder Attachment	-1,01									
Front Teat Placement	-0,78									
Teat Length	0,66									
Rear Udder Height	-0,25									
Rear Udder Width	1,02									
Central Ligament	0,24									
Udder Depth	-0,10									
Rump Width	-0,66									
Rear Legs Rear View	2,19									
Rear Teat Placement	-0,17									
Locomotion	1,27									
Body Condition	-0,49									

daught. average

82,4	Frame	0,87
79,5	Dairy Strength	0,18
80,0	Feet & Legs	1,91
77,4	Udder	-0,04
	SHI	57,3
	rank	237.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
MORI-ET	NL000362231722	06.11.2003	FOM-023

Country of origin	NL	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	15.01.2004
		NL	107890

Pedigree

Sire	PGS	SHEN-VAL NV LM FORMATION-ET
STOUDER MORTY-ET		US000002163822
US000017349617		LAD-009
FOM-004	PGD	CRACIN AEROSTAR MELISSA
		US000015172400
Dam	MGS	DELTA NOVALIS
FROUKJE 277		NL000817118723
NL000226625548	MGD	FROUKJE 219
		NL000838621088

Milk production data	SK 10/2018	Herds	11	Daug.	183	Rel.	95 %	SPI	-830
Number controls		BV		Milk		Fat		rank	647.
2829				-367		-9	0,09	SCS	3,52
						-1	0,23	rank	1150.

Type data	SHA 10/2018	Herds	5 / 2	Daug.	10	80,3	Rel.	51 %	TYPE	0,95
								rank	180.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,98									
Angularity	0,69									
Chest Width	-0,58									
Body Depth	-0,25									
Rump Angle	-0,10									
Rear Legs Side View	-1,16									
Foot Angle	1,53									
Fore Udder Attachment	0,19									
Front Teat Placement	1,00									
Teat Length	0,52									
Rear Udder Height	1,60									
Rear Udder Width	2,17									
Central Ligament	-0,80									
Udder Depth	-0,27									
Rump Width	-0,83									
Rear Legs Rear View	0,63									
Rear Teat Placement	0,34									
Locomotion	-0,58									
Body Condition	-0,72									

daught. average

83,8	Frame	0,41
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80,1	Dairy Strength	0,44
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83,5	Feet & Legs	0,56
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77,2	Udder	0,80
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	SHI	12,8
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rank 408.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
GANACHE	FR002215667193	12.04.2011	MED-036

Country of origin	FR	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	19.12.2012
		FR	F/S 2215667193

Pedigree

Sire	PGS	O-BEE MANFRED JUSTICE-ET	
REGANCREST ALTAIOTA-ET		US000122358313	MED-012
US000061898306	PGD	REGANCREST ITO ISA	
MED-040		US000060870571	
Dam	MGS	ENSENADA TABOO PLANET-ET	
EOLE		US000060597003	BS-050
FR002215666986	MGD	CREOLE	
		FR002215666803	

Milk production data	SK 10/2018	Herds	33	Daug.	655	Rel.	98 %	SPI	2570
Number controls		BV		Milk		Fat		%	
6840				546	20	-0,04	20	0,05	
								SCS	2,95
								rank	491.

Type data	SHA 10/2018	Herds	41 / 15	Daug.	236	81,3	Rel.	93 %	TYPE	0,94
								rank	181.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,76									
Angularity	-1,03									
Chest Width	0,34									
Body Depth	-0,75									
Rump Angle	-0,05									
Rear Legs Side View	-0,47									
Foot Angle	0,53									
Fore Udder Attachment	0,87									
Front Teat Placement	1,41									
Teat Length	-1,09									
Rear Udder Height	0,17									
Rear Udder Width	0,77									
Central Ligament	0,62									
Udder Depth	0,16									
Rump Width	1,14									
Rear Legs Rear View	1,25									
Rear Teat Placement	1,27									
Locomotion	2,75									
Body Condition	0,07									

daught. average

84,8	Frame	0,73
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80,0	Dairy Strength	-1,44
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83,0	Feet & Legs	2,14
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79,2	Udder	0,84
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	SHI	115,1
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rank 83.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
AGRAS JEEP-ET	CZ000189006061	18.05.2005	MED-027

Country of origin	CZ	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	08.06.2006
		CZ	0601169

Pedigree

Sire **PGS** HA-HO CUBBY MANFRED-ET
RICECREST MURPHY-ET US000002183007
US000128920633 **PGD** RICECREST LUKE LEANN-ET
US000015634823

Dam **MGS** CALBRETT-I H H CHAMPION-ET
CZ000008242961 CA000006961162 **RUH-002**
MGD CZ000126244614

Milk production data	SK 10/2018	Herds	38	Daug.	976	Rel.	99 %	SPI	3013
Number controls		BV		Milk		Fat	%	rank	44.
15961				587		27	0,06	SCS	2,88
						23	0,09	rank	390.

Type data	SHA 10/2018	Herds	16 / 6	Daug.	94	80,6	Rel.	86 %	TYPE	0,93
								rank	182.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,41					■				
Angularity	0,24					■				
Chest Width	0,97					■	■			
Body Depth	1,96					■	■	■		
Rump Angle	-0,28					■				
Rear Legs Side View	-0,48					■				
Foot Angle	-0,18					■				
Fore Udder Attachment	0,00									
Front Teat Placement	0,10									
Teat Length	-0,80					■				
Rear Udder Height	0,80						■			
Rear Udder Width	2,33						■	■		
Central Ligament	-0,12									
Udder Depth	-1,09					■				
Rump Width	1,09						■			
Rear Legs Rear View	-0,31					■				
Rear Teat Placement	-0,12									
Locomotion	0,63						■			
Body Condition	0,42						■			

daught. average

84,3 **Frame** **0,33**

81,4 **Dairy Strength** **1,66**

81,5 **Feet & Legs** **0,03**

78,0 **Udder** **0,67**

SHI **128,0**

rank 54.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
DE RITH JUPITER	NL000424322878	08.12.2005	SNR-004
Country of origin	NL	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	20.06.2006
		NL	143994

Pedigree

Sire	PGS	DELTA SPARTA
DELTA CANVAS		NL000137409985
NL000288458773	PGD	DELTA CANBERRA
		NL000141317243
Dam	MGS	CAROUSEL SIERRA
DE RITH TETJE 119		NL000112538714
NL000288416416	MGD	TETJE 47
		NL000784385124

Milk production data	SK 10/2018	Herds	38	Daug.	185	Rel.	96 %	SPI	1152
Number controls		BV		Milk		Fat		rank	244.
4428				406		7	-0,15	SCS	3,59
								rank	1183.

Type data	SHA 10/2018	Herds	19 / 12	Daug.	62	79,3	Rel.	80 %	TYPE	0,93
								rank	183.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,65									
Angularity	0,78									
Chest Width	-1,01									
Body Depth	-1,49									
Rump Angle	1,42									
Rear Legs Side View	-1,09									
Foot Angle	1,78									
Fore Udder Attachment	0,09									
Front Teat Placement	-0,57									
Teat Length	-0,16									
Rear Udder Height	0,89									
Rear Udder Width	0,09									
Central Ligament	0,49									
Udder Depth	-0,03									
Rump Width	-1,28									
Rear Legs Rear View	0,89									
Rear Teat Placement	-1,09									
Locomotion	1,62									
Body Condition	-0,46									

daught. average

81,9	Frame	0,55
79,7	Dairy Strength	0,03
80,9	Feet & Legs	2,43
77,3	Udder	0,39
	SHI	71,9
	rank	186.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
PLUSHANSKI FARADAY-ET	US000128043787	25.02.1999	DED-004
Country of origin	US	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	17.06.2004
		USA	19512A

Pedigree

Sire	PGS	ROTHROCK TRADITION LEADMAN
PAULO-BRO RTL DEMAND TCG-ET	US000001983348	TDN-004
US000002193272	PGD	PAULO-BRO MARK DELIGHT 3206-ET
		US000012798676
Dam	MGS	PLUSHANSKI BELGIUM-ET
PLUSHANSKI BELGIUM FARMA	US000002097786	
US000014358975	MGD	PLUSHANSKI CLEITUS FARCI
		US000013767935

Milk production data	SK 10/2018	Herds	35	Daug.	324	Rel.	98 %	SPI	818
Number controls		BV		Milk		Fat		rank	304.
6925				114		-1	-0,12	11	0,15
								SCS	2,76
								rank	262.

Type data	SHA 10/2018	Herds	36 / 17	Daug.	154	79,2	Rel.	90 %	TYPE	0,92
								rank	184.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,33									
Angularity	-0,29									
Chest Width	0,66									
Body Depth	-0,04									
Rump Angle	-0,51									
Rear Legs Side View	-1,78									
Foot Angle	1,03									
Fore Udder Attachment	-0,38									
Front Teat Placement	-0,30									
Teat Length	0,55									
Rear Udder Height	-0,36									
Rear Udder Width	0,28									
Central Ligament	1,61									
Udder Depth	-0,23									
Rump Width	1,06									
Rear Legs Rear View	1,94									
Rear Teat Placement	0,96									
Locomotion	0,17									
Body Condition	0,50									

daught. average

82,7 **Frame** **0,68**

79,1 **Dairy Strength** **0,09**

79,4 **Feet & Legs** **1,71**

77,5 **Udder** **0,52**

SHI **61,6**

rank 224.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
BUSLAK TITANIC ELEK	SK000800121443	21.07.2005	SOM-020
Country of origin	SK	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	15.12.2006
		SK	0393/13

Pedigree

Sire	PGS	MAUGHLIN STORM-ET
HARTLINE TITANIC-ET		CA000005457798
US000123066734	PGD	DOCO LEADMAN TENACIOUS
SOM-007		US000014734618
Dam	MGS	CAERNARVON JAY-ET
SK000082797843		US000002204207
	MGD	XX000000000000

Milk production data	SK 10/2018	Herds	35	Daug.	343	Rel.	97 %	SPI	3208
Number controls		BV		Milk		Prot.		rank	33.
5294				848	24	-0,15	22	SCS	2,49
								rank	81.

Type data	SHA 10/2018	Herds	18 / 9	Daug.	50	79,8	Rel.	78 %	TYPE	0,92
								rank	185.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,55									
Angularity	-1,33									
Chest Width	0,82									
Body Depth	0,66									
Rump Angle	-1,97									
Rear Legs Side View	-1,44									
Foot Angle	1,83									
Fore Udder Attachment	1,09									
Front Teat Placement	1,13									
Teat Length	1,35									
Rear Udder Height	0,83									
Rear Udder Width	1,30									
Central Ligament	1,34									
Udder Depth	1,07									
Rump Width	2,06									
Rear Legs Rear View	0,65									
Rear Teat Placement	1,12									
Locomotion	-0,43									
Body Condition	1,25									

daught. average

82,8	Frame	0,57
79,0	Dairy Strength	-1,03
80,8	Feet & Legs	1,20
78,3	Udder	1,24
	SHI	133,6
	rank	47.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
WELCOME GARTER-ET	US000017131025	01.07.1996	LAB-002
Country of origin	US	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	04.07.2001
		CSK	4551

Pedigree

Sire	PGS	CYPRESS-HILL LABAN-ET
RICKLAND LABAN PROJECTOR		US000001926224
US000002127399	PGD	RICKLAND BELL PERFECT
		US000013028811
Dam	MGS	BIS-MAY S-E-L MOUNTAIN-ET
WELCOME MOUNTAIN GALE-ET		US000002070579
US000015579402	MGD	HOW-EL ACRES K BELLMAN-ET
		US000014952899

Milk production data	SK 10/2018	Herds	5	Daug.	74	Rel.	92 %	SPI	2886
Number controls		BV		Milk	Fat	%	Prot.	%	rank
1386				799	24	-0,11	17	-0,15	SCS
									rank

Type data	SHA 10/2018	Herds	12 / 3	Daug.	59	79,2	Rel.	81 %	TYPE	0,92
									rank	186.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,83									
Angularity	0,33									
Chest Width	0,00									
Body Depth	1,63									
Rump Angle	0,27									
Rear Legs Side View	0,43									
Foot Angle	-0,86									
Fore Udder Attachment	-0,03									
Front Teat Placement	0,42									
Teat Length	-1,27									
Rear Udder Height	1,29									
Rear Udder Width	2,76									
Central Ligament	0,40									
Udder Depth	-0,44									
Rump Width	1,44									
Rear Legs Rear View	0,58									
Rear Teat Placement	0,49									
Locomotion	-0,82									
Body Condition	-0,48									

daught. average

81,9	Frame	1,10
79,2	Dairy Strength	0,75
77,1	Feet & Legs	-0,69
78,9	Udder	1,32
	SHI	123,8
	rank	64.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
KONING SHEARMAN-ET	NL000760058149	04.08.2013	SRE-002
Country of origin	NL	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	04.04.2014
		DE	14/6396

Pedigree

Sire	PGS	ROYLANE SOCRA ROBUST-ET
SEAGULL-BAY SUPERSIRE-ET		US000064966739
US000069981349	PGD	AMMON-PEACHEY SHAUNA-ET
EMY-028		US000066228178
Dam	MGS	CHARLESDALE SUPERSTITION-ET
SHERAY 2		US000062065919
NL000932869388	MGD	UFM-DUBS SHERAY-ET
		US000062658242

Milk production data	SK 10/2018	Herds	11	Daug.	72	Rel.	79 %	SPI	1483
Number controls		BV		Milk		Fat	%	Prot.	%
249				259	6	-0,08	15	0,14	SCS
									rank
									177.
									rank
									...

Type data	SHA 10/2018	Herds	7 / 4	Daug.	16	81,9	Rel.	50 %	TYPE	0,92
									rank	187.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	1,36									
Angularity	1,07									
Chest Width	-0,37									
Body Depth	-1,37									
Rump Angle	0,52									
Rear Legs Side View	-1,20									
Foot Angle	1,28									
Fore Udder Attachment	2,54									
Front Teat Placement	0,66									
Teat Length	0,20									
Rear Udder Height	1,62									
Rear Udder Width	-1,01									
Central Ligament	0,65									
Udder Depth	3,45									
Rump Width	0,30									
Rear Legs Rear View	0,59									
Rear Teat Placement	0,66									
Locomotion	1,35									
Body Condition	0,92									

daught. average

85,8	Frame	1,04
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80,9	Dairy Strength	0,21
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84,8	Feet & Legs	1,27
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79,1	Udder	0,21
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	SHI	81,5
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rank 158.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
BOLTCEL	CZ000103576588	26.12.1997	CES-001
Country of origin	CZ	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	22.06.1998
		CSK	4651/25

Pedigree

Sire	PGS	HOW-EL-ACRES KIRK BELLMAN-ET
ETAZON CELSIUS-ET		US000001874634
NL000460508522	PGD	WEA-LAND BELL ELLA
		US000012105357
Dam	MGS	ROTHROCK TRADITION LEADMAN
CALBRETT LEADMAN FANFARE-ET		US000001983348
CA000005403738	MGD	QUIETCOVE BELL FROST
		CA000004558729
		TDN-004

Milk production data	SK 10/2018	Herds	22	Daug.	66	Rel.	89 %	SPI	1443
Number controls		BV		Milk		Fat	%	Prot.	%
1153				413		12	-0,08	9	-0,09
								SCS	3,80
								rank	185.
								rank	1248.

Type data	SHA 10/2018	Herds	5 / 5	Daug.	10	78,5	Rel.	50 %	TYPE	0,92
									rank	188.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,66									
Angularity	1,44									
Chest Width	-0,57									
Body Depth	0,02									
Rump Angle	-0,50									
Rear Legs Side View	0,29									
Foot Angle	-0,29									
Fore Udder Attachment	0,55									
Front Teat Placement	2,57									
Teat Length	1,00									
Rear Udder Height	1,27									
Rear Udder Width	0,98									
Central Ligament	1,07									
Udder Depth	-0,35									
Rump Width	0,42									
Rear Legs Rear View	-0,71									
Rear Teat Placement	0,81									
Locomotion	-0,51									
Body Condition	-0,08									

daught. average

79,8	Frame	-0,53
78,5	Dairy Strength	1,24
76,9	Feet & Legs	0,05
78,1	Udder	1,54
	SHI	80,2
	rank	163.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
JOLICAP WORLDWIDE-ET	CA000106745383	31.07.2011	GAD-016

Country of origin	CA	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	26.04.2012
		CA	DC305493

Pedigree

Sire	PGS	BRAEDALE GOLDWYN-ET	
GILLETTE JORDAN		CA000010705608	GAD-002
CA000007588022	PGD	GELLETTTE-I DURHAM JERICHO	
GAD-005		CA000008143479	
Dam	MGS	EMERALD-ACR-SA T-BAXTER	
TRAMILDA-N BAXTER EMILY-ET		US000132973942	EMY-019
US000139232811	MGD	WABASH-WAY EVETT-ET	
		US000137044384	

Milk production data	SK 10/2018	Herds	22	Daug.	502	Rel.	98 %	SPI	2695
Number controls		BV		Milk		Fat	%	Prot.	%
7110				363		44	0,51	15	0,08
								SCS	2,46
								rank	64.
								rank	65.

Type data	SHA 10/2018	Herds	19 / 7	Daug.	98	81,1	Rel.	84 %	TYPE	0,91
									rank	189.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	1,77									
Angularity	0,50									
Chest Width	-0,50									
Body Depth	-1,00									
Rump Angle	1,24									
Rear Legs Side View	-1,01									
Foot Angle	1,08									
Fore Udder Attachment	0,51									
Front Teat Placement	-0,29									
Teat Length	0,38									
Rear Udder Height	0,82									
Rear Udder Width	-0,89									
Central Ligament	0,81									
Udder Depth	1,61									
Rump Width	-0,20									
Rear Legs Rear View	-0,06									
Rear Teat Placement	1,23									
Locomotion	1,15									
Body Condition	-0,78									

daught. average

85,5	Frame	1,03
80,7	Dairy Strength	-0,40
82,9	Feet & Legs	1,63
78,1	Udder	0,13
	SHI	117,8
	rank	75.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
GUI TO CAPJ	FR002941261431	17.12.2011	KRU-001
Country of origin	FR	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	24.04.2013
		FR	F/S 2941261431

Pedigree

Sire	PGS	ENSENADA TABOO PLANET-ET
O-BEE KRUSADER-ET		US000060597003
US000139986224	PGD	O-BEE SHOTTLE KOLLEEN-ET
BS-053		US000138352370
Dam	MGS	LONG-LANGS OMAN OMAN-ET
ESTHER		US000135746776
FR002941261066	MGD	BELLE
		FR002941260412

Milk production data	SK 10/2018	Herds	21	Daug.	298	Rel.	95 %	SPI	2836
Number controls		BV		Milk		Fat	%	rank	55.
2384				521		13	-0,13	SCS	3,17
						27	0,22	rank	780.

Type data	SHA 10/2018	Herds	9 / 2	Daug.	33	82,0	Rel.	67 %	TYPE	0,91
								rank	190.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	1,00									
Angularity	0,57									
Chest Width	-0,66									
Body Depth	-0,10									
Rump Angle	0,05									
Rear Legs Side View	-0,75									
Foot Angle	0,91									
Fore Udder Attachment	0,59									
Front Teat Placement	0,06									
Teat Length	-1,69									
Rear Udder Height	0,35									
Rear Udder Width	1,49									
Central Ligament	-0,23									
Udder Depth	-0,30									
Rump Width	-1,28									
Rear Legs Rear View	0,78									
Rear Teat Placement	-0,28									
Locomotion	1,82									
Body Condition	-0,58									

daught. average

86,2	Frame	0,87
81,1	Dairy Strength	0,03
84,8	Feet & Legs	1,74
78,8	Udder	-0,01
	SHI	122,0
	rank	66.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
B-Y-U MANASSA-ET	US000060064569	18.06.2001	BW-027
Country of origin	US	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	26.07.2002
		CA	BT462511

Pedigree

Sire	PGS	MAIZEFIELD BELLWOOD-ET
MARA-THON BW MARSHALL-ET TV	US000002103297	MEW-004
US000002290977	PGD	MORGAN VALLEY ELTON MARA
	US000014840387	
Dam	MGS	SHEN-VAL NV LM FORMATION-ET
NEYER FORMATION 1082-ET	US000002163822	LAD-009
US000017369255	MGD	NEYER CUBBY MIRA-ET
	US000014612103	

Milk production data	SK 10/2018	Herds	20	Daug.	384	Rel.	98 %	SPI	581
Number controls		BV		Milk		Fat		rank	350.
6387				205		0	-0,15	SCS	3,36
								rank	1023.

Type data	SHA 10/2018	Herds	39 / 11	Daug.	191	79,8	Rel.	92 %	TYPE	0,91
								rank	191.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	1,74									
Angularity	0,63									
Chest Width	-0,71									
Body Depth	-0,23									
Rump Angle	0,68									
Rear Legs Side View	-0,60									
Foot Angle	0,38									
Fore Udder Attachment	-0,04									
Front Teat Placement	-0,57									
Teat Length	0,52									
Rear Udder Height	1,42									
Rear Udder Width	1,10									
Central Ligament	-0,85									
Udder Depth	0,63									
Rump Width	-0,73									
Rear Legs Rear View	-0,05									
Rear Teat Placement	0,04									
Locomotion	-0,16									
Body Condition	-1,74									

daught. average

84,3	Frame	1,32
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80,2	Dairy Strength	0,45
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79,9	Feet & Legs	0,20
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77,3	Udder	0,24
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	SHI	54,0
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rank 248.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
TOKAY RED	DE001082496206	01.05.2012	SOM-033
Country of origin	DE	Breed	R100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	10.08.2012
		DE	12/33226

Pedigree

Sire	PGS	LADINO PARK TALENT-IMP-ET
TABLEAU		AU000000930377
DE000768555470	PGD	DOLDE 91
SOM-030		DE000768156501
Dam	MGS	MR LOREN-RED-ET (MALVOY)
FOS LORELEY		US000132414870
DE001082452343	MGD	LAETIZIA
		DE001082341652

Milk production data	SK 10/2018	Herds	27	Daug.	592	Rel.	98 %	SPI	404
Number controls		BV		Milk		Fat	%	rank	378.
5297				199		-9	-0,30	6	-0,02
								SCS	2,26
								rank	22.

Type data	SHA 10/2018	Herds	10 / 4	Daug.	78	81,2	Rel.	82 %	TYPE	0,91
								rank	192.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,27									
Angularity	-0,72									
Chest Width	1,26									
Body Depth	1,22									
Rump Angle	-0,72									
Rear Legs Side View	-1,07									
Foot Angle	0,58									
Fore Udder Attachment	0,23									
Front Teat Placement	1,33									
Teat Length	-0,45									
Rear Udder Height	0,06									
Rear Udder Width	1,67									
Central Ligament	1,04									
Udder Depth	-0,27									
Rump Width	0,91									
Rear Legs Rear View	0,72									
Rear Teat Placement	0,10									
Locomotion	1,20									
Body Condition	0,10									

daught. average

85,4	Frame	0,21
81,7	Dairy Strength	0,26
82,1	Feet & Legs	1,38
78,2	Udder	0,85
	SHI	48,7
	rank	270.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
COGENT AZURE-ET	GB160193102824	01.09.2004	MED-023
Country of origin	GB	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	21.05.2010
		NL	127276

Pedigree

Sire	PGS	HA-HO CUBBY MANFRED-ET
O-BEE MANFRED JUSTICE-ET		US000002183007
US000122358313	PGD	MEIER-MEADOWS EL JEZEBEL-ET
MED-012		US000015459080
Dam	MGS	DIXIE-LEE AARON-ET
LADYS-MANOR AUTUMN		US000002265005
US000060093782	MGD	LADYS-MANOR TOREE-ET
		US000121477095

Milk production data	SK 10/2018	Herds	37	Daug.	746	Rel.	99 %	SPI	2769
Number controls		BV		Milk		Fat	%	rank	59.
13132				717	7	-0,36	25	SCS	3,91
								rank	1263.

Type data	SHA 10/2018	Herds	42 / 12	Daug.	376	81,0	Rel.	96 %	TYPE	0,90
								rank	193.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,44									
Angularity	1,12									
Chest Width	-0,31									
Body Depth	0,28									
Rump Angle	0,68									
Rear Legs Side View	-0,73									
Foot Angle	0,32									
Fore Udder Attachment	0,71									
Front Teat Placement	0,53									
Teat Length	-0,88									
Rear Udder Height	0,86									
Rear Udder Width	0,36									
Central Ligament	-0,68									
Udder Depth	0,79									
Rump Width	-0,29									
Rear Legs Rear View	-0,30									
Rear Teat Placement	0,64									
Locomotion	2,26									
Body Condition	0,17									

daught. average

84,2	Frame	0,47
81,6	Dairy Strength	1,05
81,8	Feet & Legs	1,41
78,7	Udder	0,30
	SHI	119,6
	rank	71.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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Bull name	Registration number	Birth date	State Register
DKR EMILE	FR001445852771	14.01.2011	AML-005
Country of origin	FR	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	07.11.2011
		FR	1445852771

Pedigree

Sire	PGS	END-ROAD PVF BOLIVER-ET
CHARLESDALE SUPERSTITION-ET		US000123586443
US000062065919	PGD	CHARLESDALE SWEET STAR
AML-004		US000133701030
Dam	MGS	PICSTON SHOTTLE-ET
WABASH-WAY EMILYANN-ET		GB000000598172
US000137044405	MGD	CROCKETT-ACRES ELITA-ET
		US000136012191
		PEL-033

Milk production data	SK 10/2018	Herds	38	Daug.	504	Rel.	98 %	SPI	1759
Number controls		BV		Milk		Fat		rank	145.
8521				662		-7	-0,55	16	-0,09
								SCS	2,68
								rank	178.

Type data	SHA 10/2018	Herds	18 / 8	Daug.	98	81,9	Rel.	85 %	TYPE	0,90
								rank	194.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	1,09									
Angularity	1,24									
Chest Width	-0,23									
Body Depth	-0,07									
Rump Angle	0,54									
Rear Legs Side View	0,80									
Foot Angle	-0,78									
Fore Udder Attachment	1,18									
Front Teat Placement	1,42									
Teat Length	-0,04									
Rear Udder Height	0,65									
Rear Udder Width	0,04									
Central Ligament	0,71									
Udder Depth	1,45									
Rump Width	0,10									
Rear Legs Rear View	-0,82									
Rear Teat Placement	0,46									
Locomotion	-0,55									
Body Condition	0,20									

daught. average

86,1	Frame	0,93
82,3	Dairy Strength	0,85
82,4	Feet & Legs	-0,89
79,3	Udder	0,90
	SHI	89,1
	rank	135.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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Bull name	Registration number	Birth date	State Register
ACONIT ET	DE00000393731	10.08.1991	ARS-021

Country of origin	DE	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	12.12.1991
		DEU	91/15822

Pedigree

Sire	PGS	HANOVERHILL STARBUCK
MADAWASKA AEROSTAR		CA000000352790
CA000000383622	PGD	MADAWASKA SHADY
STB-011		CA0000003511527
Dam	MGS	SUN-VALLEY SENSATION NEIL
EDELPERLE 5		US000001588639
DE001020357622	MGD	EVA 05
		DE001008174212

Milk production data	SK 10/2018	Herds	99	Daug.	1456	Rel.	99 %	SPI	786
Number controls		BV		Milk		Fat	%	rank	309.
28717				34		17	0,28	SCS	3,33
						4	0,06	rank	981.

Type data	SHA 10/2018	Herds	12 / 7	Daug.	104	77,5	Rel.	89 %	TYPE	0,90
								rank	195.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,53									
Angularity	-0,42									
Chest Width	2,73									
Body Depth	2,67									
Rump Angle	-0,58									
Rear Legs Side View	-0,74									
Foot Angle	1,04									
Fore Udder Attachment	-1,44									
Front Teat Placement	-0,13									
Teat Length	2,50									
Rear Udder Height	-1,62									
Rear Udder Width	-0,14									
Central Ligament	0,79									
Udder Depth	-1,94									
Rump Width	1,13									
Rear Legs Rear View	1,98									
Rear Teat Placement	-0,22									
Locomotion	0,98									
Body Condition	1,78									

daught. average

80,5	Frame	1,42
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76,4	Dairy Strength	1,65
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79,3	Feet & Legs	1,96
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75,6	Udder	-1,03
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	SHI	59,7
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rank 231.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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Bull name	Registration number	Birth date	State Register
DONNANDALE JUGGERNAUT-ET	CA000011458020	08.07.2012	AML-011
Country of origin	CA	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	29.04.2013
		CA	DC321565

Pedigree

Sire	PGS	CHARLESDALE SUPERSTITION-ET
GENERATIONS EPIC-ET		US000062065919
CA000011104016		AML-004
AML-016	PGD	TRAMILDA-N BAXTER EMILY-ET
		US000139232811
Dam	MGS	ENSENADA TABOO PLANET-ET
BENNER PLANET JAKOVA-ET		US000060597003
CA000009989189		BS-050
	MGD	BENNER GOLDWYN JAMARCO-ET
		CA000007846683

Milk production data	SK 10/2018	Herds	7	Daug.	440	Rel.	97 %	SPI	1080
Number controls		BV		Milk		Fat	%	Prot.	%
3794				192		-0	-0,14	13	0,14
								SCS	2,34
								rank	...
								rank	...

Type data	SHA 10/2018	Herds	14 / 3	Daug.	87	81,9	Rel.	83 %	TYPE	0,90
									rank	196.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	1,62									
Angularity	1,02									
Chest Width	-0,16									
Body Depth	-0,42									
Rump Angle	0,05									
Rear Legs Side View	1,03									
Foot Angle	-0,61									
Fore Udder Attachment	1,06									
Front Teat Placement	1,40									
Teat Length	-1,37									
Rear Udder Height	-0,18									
Rear Udder Width	-0,17									
Central Ligament	1,30									
Udder Depth	1,55									
Rump Width	-0,57									
Rear Legs Rear View	0,45									
Rear Teat Placement	2,37									
Locomotion	1,92									
Body Condition	-0,89									

daught. average

85,6 **Frame** 1,38

82,3 **Dairy Strength** 0,60

83,8 **Feet & Legs** 0,34

78,7 **Udder** 0,11

SHI 68,6

rank 198.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

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Bull name	Registration number	Birth date	State Register
BUSLAK TITANIC EGYED	SK000800121442	21.07.2005	SOM-021

Country of origin	SK	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	15.12.2006
		SK	0393/12

Pedigree

Sire	PGS	MAUGHLIN STORM-ET
HARTLINE TITANIC-ET		CA000005457798
US000123066734	PGD	DOCO LEADMAN TENACIOUS
SOM-007		US000014734618
Dam	MGS	CAERNARVON JAY-ET
SK000082797843		US000002204207
	MGD	XX000000000000

Milk production data	SK 10/2018	Herds	16	Daug.	74	Rel.	91 %	SPI	1900
Number controls		BV		Milk	Fat	%	Prot.	rank	133.
1361				676	17	-0,16	8	SCS	3,49
								rank	1137.

Type data	SHA 10/2018	Herds	10 / 7	Daug.	36	78,2	Rel.	73 %	TYPE	0,90
								rank	197.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,46									
Angularity	0,21									
Chest Width	0,14									
Body Depth	-0,28									
Rump Angle	-1,85									
Rear Legs Side View	-1,20									
Foot Angle	1,87									
Fore Udder Attachment	-0,57									
Front Teat Placement	-0,26									
Teat Length	-0,94									
Rear Udder Height	0,83									
Rear Udder Width	1,37									
Central Ligament	0,17									
Udder Depth	-1,00									
Rump Width	0,58									
Rear Legs Rear View	1,86									
Rear Teat Placement	0,35									
Locomotion	0,32									
Body Condition	-0,57									

daught. average

81,8	Frame	0,16
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78,6	Dairy Strength	0,16
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78,5	Feet & Legs	1,77
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75,9	Udder	0,47
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	SHI	93,2
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rank 128.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
CURTISMILL INCREDIBLE-ET	GB000000639110	14.03.2008	EMY-023

Country of origin	GB	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	27.02.2009
		NL	222987

Pedigree

Sire	PGS	FUSTEAD EMORY BLITZ-ET
EMERALD-ACR-SA T-BAXTER		US000017013604
US000132973942	PGD	EMERALD-ACR-SA T-MALLORY-ET
EMY-019		US000130227821
Dam	MGS	BRAEDALE GOLDWYN-ET
CURTISMILL GOLDWYN ODYSSEY PI-ET		CA000010705608
GB000011107417	MGD	HAYLEYS ODYSSEY 2
		GB0000009991597

Milk production data	SK 10/2018	Herds	39	Daug.	240	Rel.	95 %	SPI	685
Number controls		BV		Milk		Fat	%	Prot.	%
2471				-47	30	0,58	-1	0,01	SCS
									rank
									332.
									rank
									397.

Type data	SHA 10/2018	Herds	37 / 16	Daug.	95	81,9	Rel.	84 %	TYPE	0,89
									rank	198.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,65									
Angularity	0,87									
Chest Width	0,26									
Body Depth	1,15									
Rump Angle	0,70									
Rear Legs Side View	-0,01									
Foot Angle	0,52									
Fore Udder Attachment	-0,36									
Front Teat Placement	-0,61									
Teat Length	-0,62									
Rear Udder Height	-0,06									
Rear Udder Width	1,48									
Central Ligament	0,72									
Udder Depth	-1,68									
Rump Width	0,16									
Rear Legs Rear View	-0,73									
Rear Teat Placement	0,66									
Locomotion	1,84									
Body Condition	-0,27									

daught. average

85,7	Frame	0,91
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82,2	Dairy Strength	1,58
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83,0	Feet & Legs	1,30
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79,1	Udder	-0,40
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	SHI	56,3
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rank 242.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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Bull name	Registration number	Birth date	State Register
CHAMBORD	FR002258172151	19.03.2007	BES-016

Country of origin	FR	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	26.10.2007
		FR	F/S 413058

Pedigree

Sire	PGS	JOCKO BESN	
ROTHENEUF		FR005694028588	
FR005360661767	PGD	MILENE	
		FR005112757687	
Dam	MGS	LEXVOLD LUKE HERSHEL-ET	LU-013
TAMARA 1655		US000002294436	
FR002258171655	MGD	NAURINE	
		FR002297039989	

Milk production data	SK 10/2018	Herds	44	Daug.	198	Rel.	96 %	SPI	2595
Number controls		BV		Milk		Fat		rank	70.
3793				710		16	-0,19	SCS	3,17
								rank	778.

Type data	SHA 10/2018	Herds	37 / 16	Daug.	60	80,6	Rel.	80 %	TYPE	0,89
								rank	199.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,94									
Angularity	0,89									
Chest Width	-0,75									
Body Depth	-0,75									
Rump Angle	0,34									
Rear Legs Side View	1,20									
Foot Angle	-1,37									
Fore Udder Attachment	1,40									
Front Teat Placement	0,46									
Teat Length	0,83									
Rear Udder Height	1,14									
Rear Udder Width	1,11									
Central Ligament	0,19									
Udder Depth	0,88									
Rump Width	-1,59									
Rear Legs Rear View	-0,34									
Rear Teat Placement	-0,46									
Locomotion	1,27									
Body Condition	-1,53									

daught. average

84,0	Frame	0,54
80,8	Dairy Strength	0,04
81,1	Feet & Legs	-0,24
78,6	Udder	1,46
	SHI	113,7
	rank	86.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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Bull name	Registration number	Birth date	State Register
MEDZICILIZIE JAGUAR EMILO	SK000029421853	04.12.1995	JAG-001
Country of origin SK		Breed	H100
Distributor		Herdbook	HA
		Paternity	...

Pedigree

Sire	PGS	BIS-MAY TRADITION CLEITUS
DELTA JAGUAR		US000001879085
NL000316420499		CLE-003
	PGD	DARLING-FARM BELL GINNY
		US000011682780
Dam	MGS	ETAZON MANFRED
VONDA 92		NL000780798830
SK000025271813		
	MGD	VONDA 90
		NL000604352909

Milk production data	SK 10/2018	Herds	2	Daug.	28	Rel.	82 %	SPI	2141
Number controls		BV		Milk		Fat		rank	...
695				386		38	0,40	SCS	2,78
								rank	...

Type data	SHA 10/2018	Herds	5 / 3	Daug.	17	78,4	Rel.	55 %	TYPE	0,88
								rank	200.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,23									
Angularity	0,54									
Chest Width	-0,69									
Body Depth	1,03									
Rump Angle	0,79									
Rear Legs Side View	-0,32									
Foot Angle	1,08									
Fore Udder Attachment	0,63									
Front Teat Placement	0,67									
Teat Length	0,09									
Rear Udder Height	0,73									
Rear Udder Width	-0,19									
Central Ligament	4,14									
Udder Depth	0,59									
Rump Width	-0,30									
Rear Legs Rear View	-0,19									
Rear Teat Placement	0,08									
Locomotion	-1,19									
Body Condition	0,61									

daught. average

80,9	Frame	-0,22
76,4	Dairy Strength	1,01
78,6	Feet & Legs	0,03
78,1	Udder	1,45
	SHI	99,9
	rank	114.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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Bull name	Registration number	Birth date	State Register
BENNER JERRY-ET	CA000009043859	11.03.1998	MEG-007
Country of origin	CA	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	13.09.2000
		CA	DC33358

Pedigree

Sire	PGS	MADAWASKA AEROSTAR	
MEADOW BRIDGE MEGABUCK		CA000000383622	STB-011
CA000005425054	PGD	MEADOW BRIDGE MISCHIEF-ET	
		CA000004466380	
Dam	MGS	NORRIELAKE CLEITUS LUKE-TWIN	
BENNER LUKE JEAN-ET		US000002071864	CLE-005
CA000006440060	MGD	BENNER GRAND JULIA	
		CA000005943481	

Milk production data	SK 10/2018	Herds	16	Daug.	191	Rel.	96 %	SPI	502
Number controls		BV		Milk		Fat	%	Prot.	%
3470				140		3	-0,06	4	-0,02
								SCS	3,77
								rank	1243.

Type data	SHA 10/2018	Herds	6 / 2	Daug.	37	79,0	Rel.	72 %	TYPE	0,88
									rank	201.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,02									
Angularity	0,31									
Chest Width	0,70									
Body Depth	0,42									
Rump Angle	0,58									
Rear Legs Side View	-0,85									
Foot Angle	-0,37									
Fore Udder Attachment	0,05									
Front Teat Placement	-0,48									
Teat Length	1,00									
Rear Udder Height	-0,16									
Rear Udder Width	2,28									
Central Ligament	-0,82									
Udder Depth	-0,53									
Rump Width	0,61									
Rear Legs Rear View	0,51									
Rear Teat Placement	-1,07									
Locomotion	1,60									
Body Condition	0,45									

daught. average

83,1	Frame	0,30
79,0	Dairy Strength	0,90
79,2	Feet & Legs	0,98
76,8	Udder	0,53
	SHI	50,3
	rank	263.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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Bull name	Registration number	Birth date	State Register
MICHERET INFRAROUGE-ET	CA000103366695	27.08.2005	ELN-025
Country of origin	CA	Breed	R100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	07.12.2005
		CA	DC151713

Pedigree

Sire	PGS	WA-DEL CONVINCER-ET
GEN-I-BEQ SALTO-ET		US000002249055
CA000009243546	PGD	GLEN DRUMMOND SPLENDOR-ET
		CA000006847680
Dam	MGS	FABER RED-ET
MICHERET ROSALIND FABER-ET		DE000340174036
CA000009425015	MGD	MICHERET ROSA CLIFFHANGER-ET
		CA000009115978

Milk production data	SK 10/2018	Herds	18	Daug.	209	Rel.	96 %	SPI	-432
Number controls		BV		Milk		Fat		rank	550.
4098				-97		-2	0,01	SCS	2,47
						-4	-0,02	rank	73.

Type data	SHA 10/2018	Herds	5 / 3	Daug.	11	80,8	Rel.	44 %	TYPE	0,88
								rank	202.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,42									
Angularity	0,72									
Chest Width	0,76									
Body Depth	0,19									
Rump Angle	-0,47									
Rear Legs Side View	-0,35									
Foot Angle	-0,10									
Fore Udder Attachment	0,91									
Front Teat Placement	0,77									
Teat Length	-1,12									
Rear Udder Height	-0,69									
Rear Udder Width	-1,28									
Central Ligament	1,46									
Udder Depth	0,66									
Rump Width	0,30									
Rear Legs Rear View	0,05									
Rear Teat Placement	0,97									
Locomotion	0,51									
Body Condition	0,63									

daught. average

83,4	Frame	0,64
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82,1	Dairy Strength	1,01
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83,2	Feet & Legs	0,33
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77,8	Udder	0,50
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	SHI	22,1
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rank 361.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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Bull name	Registration number	Birth date	State Register
CARMANO	DE000578889436	16.02.2001	CAL-010
Country of origin	DE	Breed	R100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	11.11.2004
		DE	04/43605

Pedigree

Sire	PGS	STRICKLER ROYALTY CADILLAC-ET
AGRIPRIZE CADI MESA-RED-ET		US000002046246
US000002252648	PGD	MERIT MANJUBI RED-ET
		US000014128659
Dam	MGS	LAY-OUT
LOREEN 56		NL000825234239
DE000576477026	MGD	LASPALMAS
		DE000505878978

Milk production data	SK 10/2018	Herds	70	Daug.	1182	Rel.	99 %	SPI	-1157
Number controls		BV		Milk		Fat		rank	728.
26541				-340		-7	0,10	SCS	2,67
						-8	0,06	rank	171.

Type data	SHA 10/2018	Herds	32 / 9	Daug.	262	79,1	Rel.	94 %	TYPE	0,88
								rank	203.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,49									
Angularity	1,62									
Chest Width	-0,88									
Body Depth	-0,60									
Rump Angle	-1,35									
Rear Legs Side View	-1,83									
Foot Angle	0,64									
Fore Udder Attachment	1,56									
Front Teat Placement	0,01									
Teat Length	-0,34									
Rear Udder Height	0,72									
Rear Udder Width	-0,99									
Central Ligament	0,27									
Udder Depth	1,98									
Rump Width	0,62									
Rear Legs Rear View	1,52									
Rear Teat Placement	1,13									
Locomotion	-0,48									
Body Condition	-1,00									

daught. average

83,2	Frame	0,23
80,7	Dairy Strength	1,24
79,4	Feet & Legs	0,74
76,1	Udder	0,49
	SHI	0,2
	rank	467.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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Bull name	Registration number	Birth date	State Register
GASPARDY	FR000802899244	04.07.2011	AML-008
Country of origin	FR	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	24.04.2013
		FR	F/S 802899244

Pedigree

Sire _____ **PGS** END-ROAD PVF BOLIVER-ET
CHARLESDALE SUPERSTITION-ET
US000062065919
AML-004 **PGD** CHARLESDALE SWEET STAR
US000133701030

Dam _____ **MGS** PICSTON SHOTTLE-ET
BRANDT-VIEW SHOTTLE FERN-ET
US000136855019
PEL-033 **MGD** BRANDT-VIEW DURHAM ALLY
US000131508305

Milk production data	SK 10/2018	Herds	41	Daug.	781	Rel.	98 %	SPI	2382
Number controls		BV		Milk		Fat	%	rank	85.
6877				624		17	-0,12	SCS	1,91
						16	-0,07	rank	2.

Type data	SHA 10/2018	Herds	27 / 11	Daug.	127	81,8	Rel.	87 %	TYPE	0,88
								rank	204.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,99									
Angularity	-0,70									
Chest Width	0,69									
Body Depth	0,61									
Rump Angle	1,92									
Rear Legs Side View	0,70									
Foot Angle	0,19									
Fore Udder Attachment	0,25									
Front Teat Placement	0,32									
Teat Length	1,17									
Rear Udder Height	-0,71									
Rear Udder Width	-1,43									
Central Ligament	1,51									
Udder Depth	0,94									
Rump Width	0,39									
Rear Legs Rear View	1,06									
Rear Teat Placement	0,27									
Locomotion	0,99									
Body Condition	0,57									

daught. average

85,8 **Frame** **1,24**

81,3 **Dairy Strength** **-0,09**

83,8 **Feet & Legs** **1,17**

79,0 **Udder** **-0,01**

SHI **106,8**

rank 97.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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Bull name	Registration number	Birth date	State Register
BRESSANO	FR008550488971	11.11.2006	BW-029
Country of origin	FR	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	26.06.2007
		FR	F/S401059

Pedigree

Sire	PGS	MARA-THON BW MARSHALL-ET TV
R-E-W BUCKEYE-ET		US000002290977
US000130588960	PGD	MAYERLANE RUD BUBBLE-ET
BW-036		US000120536177
Dam	MGS	JOCKO BESN
RUSEE		FR005694028588
FR004934539936	MGD	MAKY
		FR004496050028

Milk production data	SK 10/2018	Herds	41	Daug.	280	Rel.	97 %	SPI	1074
Number controls		BV		Milk		Fat	%	rank	256.
5703				415		5	-0,20	6	-0,15
								SCS	2,76
								rank	254.

Type data	SHA 10/2018	Herds	23 / 12	Daug.	99	80,0	Rel.	87 %	TYPE	0,88
								rank	205.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,66									
Angularity	0,32									
Chest Width	-0,05									
Body Depth	-0,76									
Rump Angle	0,27									
Rear Legs Side View	-0,77									
Foot Angle	-0,58									
Fore Udder Attachment	1,41									
Front Teat Placement	-0,17									
Teat Length	0,13									
Rear Udder Height	1,76									
Rear Udder Width	0,75									
Central Ligament	0,85									
Udder Depth	1,09									
Rump Width	-0,39									
Rear Legs Rear View	-0,38									
Rear Teat Placement	1,12									
Locomotion	-0,03									
Body Condition	-0,10									

daught. average

83,5	Frame	0,33
80,2	Dairy Strength	-0,06
81,3	Feet & Legs	-0,26
77,5	Udder	1,55
	SHI	67,4
	rank	203.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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Bull name	Registration number	Birth date	State Register
WEST PORT BRAVISI-RED-ET	CA000010702311	03.10.1999	ATE-011

Country of origin	CA	Breed	R100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	02.06.2005
		DE	05/37827

Pedigree

Sire	PGS	DUREGAL ASTRE STARBUCK ET
MAPEL WOOD CLIFFHANGER		CA000000392405
CA000005858828	STB-015	
	PGD	ARNELL BLACKSTAR DEBUTANTE
		CA000005439097
Dam	MGS	BROOKNOOK MILESTONE-ET RED
ALDONHILL BRILLANCE RED-ET		CA000000400985
CA000006525030	MGD	LYNLAND BLACKSTAR ANN-ET
		CA000005052151

Milk production data	SK 10/2018	Herds	76	Daug.	1081	Rel.	99 %	SPI	-207
Number controls		BV		Milk		Fat		rank	497.
22097				-157		13	0,35	SCS	2,98
						-5	-0,01	rank	533.

Type data	SHA 10/2018	Herds	13 / 6	Daug.	118	78,5	Rel.	89 %	TYPE	0,87
								rank	206.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	1,09									
Angularity	3,41									
Chest Width	-0,88									
Body Depth	-0,73									
Rump Angle	2,91									
Rear Legs Side View	0,94									
Foot Angle	-1,37									
Fore Udder Attachment	-0,10									
Front Teat Placement	0,70									
Teat Length	-0,62									
Rear Udder Height	0,68									
Rear Udder Width	0,07									
Central Ligament	1,23									
Udder Depth	-0,09									
Rump Width	-0,70									
Rear Legs Rear View	-0,16									
Rear Teat Placement	1,27									
Locomotion	0,36									
Body Condition	-2,07									

daught. average

82,9	Frame	0,62
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81,1	Dairy Strength	2,73
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77,6	Feet & Legs	-1,19
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75,4	Udder	0,50
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	SHI	28,7
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rank 328.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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Bull name	Registration number	Birth date	State Register
ROYCEDALE ACADEMY	CA000005360300	19.04.1991	ARS-017
Country of origin	CA	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	27.03.1992
		CAN	270807

Pedigree

Sire	PGS	HANOVERHILL STARBUCK
MADAWASKA AEROSTAR		CA000000352790
CA000000383622	PGD	MADAWASKA SHADY
STB-011		CA0000003511527
Dam	MGS	HANOVER-HILL INSPIRATION
ROYCEDALE INSPIRA ALANA-ET		CA000000363162 IS-003
CA0000004534520	MGD	ROYCEDALE SHEIK ADRIENNE-ET
		CA0000003374064

Milk production data	SK 10/2018	Herds	114	Daug.	1442	Rel.	99 %	SPI	-245
Number controls		BV		Milk		Fat		rank	510.
28903				-188		6	0,25	SCS	3,09
						-2	0,07	rank	670.

Type data	SHA 10/2018	Herds	15 / 10	Daug.	48	76,8	Rel.	80 %	TYPE	0,87
								rank	207.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,31									
Angularity	1,06									
Chest Width	-0,54									
Body Depth	2,04									
Rump Angle	-2,47									
Rear Legs Side View	-1,32									
Foot Angle	0,25									
Fore Udder Attachment	-0,14									
Front Teat Placement	-0,27									
Teat Length	1,47									
Rear Udder Height	0,23									
Rear Udder Width	-0,23									
Central Ligament	1,25									
Udder Depth	-0,99									
Rump Width	0,39									
Rear Legs Rear View	1,54									
Rear Teat Placement	0,14									
Locomotion	0,53									
Body Condition	0,15									

daught. average

77,5	Frame	-0,31
75,8	Dairy Strength	2,10
76,8	Feet & Legs	0,85
77,0	Udder	0,80
	SHI	27,4
	rank	336.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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Bull name	Registration number	Birth date	State Register
MISTY SPRINGS BENJAMIN RED-ET	CA000007866444	02.02.2006	ELN-026

Country of origin	CA	Breed	R100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	24.03.2006
		CA	DC158548

Pedigree

Sire	PGS	WA-DEL CONVINCER-ET
GEN-I-BEQ SALTO-ET		US000002249055
CA000009243546	PGD	GLEN DRUMMOND SPLENDOR-ET
		CA000006847680
Dam	MGS	LADINO PARK TALENT-IMP-ET
MISTY SPRINGS TALENT BRIDGET-ET		AU000000930377
CA000007290642	MGD	BIPPER DRAGON BRIDGE-ET
		CA000010556415

Milk production data	SK 10/2018	Herds	23	Daug.	404	Rel.	98 %	SPI	-1445
Number controls		BV		Milk		Fat		rank	795.
7724				-400		-11	0,07	SCS	2,89
						-9	0,07	rank	404.

Type data	SHA 10/2018	Herds	17 / 3	Daug.	63	81,2	Rel.	78 %	TYPE	0,87
								rank	208.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,57									
Angularity	0,40									
Chest Width	-0,06									
Body Depth	-0,17									
Rump Angle	0,06									
Rear Legs Side View	-0,78									
Foot Angle	0,04									
Fore Udder Attachment	0,61									
Front Teat Placement	1,73									
Teat Length	-0,36									
Rear Udder Height	-0,35									
Rear Udder Width	-0,64									
Central Ligament	0,02									
Udder Depth	0,78									
Rump Width	-0,14									
Rear Legs Rear View	1,18									
Rear Teat Placement	1,57									
Locomotion	0,96									
Body Condition	0,11									

daught. average

84,3	Frame	0,52
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81,7	Dairy Strength	0,37
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83,1	Feet & Legs	0,43
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78,4	Udder	0,77
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	SHI	-8,9
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rank 501.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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Bull name	Registration number	Birth date	State Register
EMPATHY	DE000579516273	17.02.2002	ESK-003
Country of origin	DE	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	11.03.2002
		DEU	02/3610

Pedigree

Sire	PGS	ESQUIMAU
EMINENZ-ET		FR002989026154
DE000340055654	PGD	SILLA
		DE001020470682
Dam	MGS	LUKAS
ANNALENA		DE001012104370
DE000578137297	MGD	ASIA
		DE000576212529

Milk production data	SK 10/2018	Herds	45	Daug.	127	Rel.	94 %	SPI	-415
Number controls		BV		Milk		Prot.		rank	548.
2722				-317	5	0,32	-2	SCS	2,88
								rank	395.

Type data	SHA 10/2018	Herds	15 / 10	Daug.	26	79,9	Rel.	63 %	TYPE	0,87
								rank	209.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,92									
Angularity	0,12									
Chest Width	0,01									
Body Depth	0,69									
Rump Angle	-0,01									
Rear Legs Side View	-0,49									
Foot Angle	0,81									
Fore Udder Attachment	1,19									
Front Teat Placement	0,84									
Teat Length	0,89									
Rear Udder Height	2,11									
Rear Udder Width	-0,17									
Central Ligament	0,41									
Udder Depth	1,87									
Rump Width	-0,81									
Rear Legs Rear View	1,67									
Rear Teat Placement	-0,02									
Locomotion	0,23									
Body Condition	-0,16									

daught. average

82,8	Frame	0,76
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79,7	Dairy Strength	0,07
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78,9	Feet & Legs	0,42
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79,2	Udder	1,02
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	SHI	22,2
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rank 358.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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Bull name	Registration number	Birth date	State Register
PREMIER-KERNDT SAILING-ET	US000062433020	27.12.2005	GAD-009

Country of origin	US	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	25.10.2006
		CA	DC171747

Pedigree

Sire	PGS	SHOREMAR JAMES	
BRAEDALE GOLDWYN-ET		CA000005902195	
CA000010705608	PGD	BRAEDALE BALER TWINE-ET	
GAD-002		CA000006860888	
Dam	MGS	STOUDER MORTY-ET	
PFAFFS MORTY SEASON-ET		US000017349617	FOM-004
US000134017033	MGD	SHER-EST PATRON SAUCY-ET	
		US000018057209	

Milk production data	SK 10/2018	Herds	29	Daug.	334	Rel.	97 %	SPI	1407
Number controls		BV		Milk		Fat	%	Prot.	%
4867				256	19	0,16	8	0,00	SCS
									rank
									190.
									rank
									1109.

Type data	SHA 10/2018	Herds	32 / 11	Daug.	103	81,1	Rel.	86 %	TYPE	0,86
									rank	210.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	1,44									
Angularity	0,35									
Chest Width	0,40									
Body Depth	0,16									
Rump Angle	-0,00									
Rear Legs Side View	1,57									
Foot Angle	-0,36									
Fore Udder Attachment	0,08									
Front Teat Placement	0,49									
Teat Length	-0,10									
Rear Udder Height	0,72									
Rear Udder Width	1,49									
Central Ligament	0,52									
Udder Depth	-0,57									
Rump Width	-0,36									
Rear Legs Rear View	-1,43									
Rear Teat Placement	0,90									
Locomotion	-0,35									
Body Condition	-1,21									

daught. average	85,7	Frame	1,23
	82,0	Dairy Strength	0,50
	81,9	Feet & Legs	-0,91
	78,2	Udder	0,97
		SHI	76,7
		rank	172.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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Bull name	Registration number	Birth date	State Register
MACASSAR	FR005996005070	19.04.1996	BW-013
Country of origin	FR	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	08.08.2001
		FRA	629077

Pedigree

Sire	PGS	ARLINDA MELWOOD-ET
MAIZEFIELD BELLWOOD-ET		US000001879149
US000002103297	PGD	BREN-WAY BELL BETSY
MEW-004		US000012052401
Dam	MGS	EMPRISE BELL ELTON
OKRA-ET		US000001912270
NL000778071488	MGD	RAYFAY KAY MARK KAREN
		US000012607341

Milk production data	SK 10/2018	Herds	27	Daug.	351	Rel.	98 %	SPI	1086
Number controls		BV		Milk		Fat	%	Prot.	%
7231				290	14	0,04	5	-0,09	SCS
									rank
									253.
									SCS
									rank
									563.

Type data	SHA 10/2018	Herds	26 / 11	Daug.	177	78,5	Rel.	92 %	TYPE	0,86
									rank	211.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,48									
Angularity	-0,03									
Chest Width	0,01									
Body Depth	0,42									
Rump Angle	0,75									
Rear Legs Side View	-0,95									
Foot Angle	0,73									
Fore Udder Attachment	0,59									
Front Teat Placement	-0,43									
Teat Length	1,73									
Rear Udder Height	0,61									
Rear Udder Width	-0,66									
Central Ligament	1,38									
Udder Depth	0,49									
Rump Width	-1,13									
Rear Legs Rear View	-0,17									
Rear Teat Placement	-0,27									
Locomotion	1,79									
Body Condition	-0,48									

daught. average

80,7	Frame	0,36
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78,5	Dairy Strength	0,07
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78,7	Feet & Legs	1,48
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77,4	Udder	0,66
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	SHI	67,0
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rank 206.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
ZERAS LARRY-ET	CZ000583444061	18.05.2007	PEL-040
Country of origin	CZ	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	29.08.2008
		CZ	0801386

Pedigree

Sire	PGS	CAROL PRELUDE MTOTO-ET
MASCOL-ET		IT006001001962
DE000578891748	PGD	ELAINE
PEL-031		NL000211251345
Dam	MGS	HARTLINE TITANIC-ET
		US000123066734
CZ000233185961	MGD	ZERAS MARYSA
		CZ000017996961

Milk production data	SK 10/2018	Herds	33	Daug.	134	Rel.	95 %	SPI	1029
Number controls		BV		Milk		Fat	%	Prot.	%
2964				148	16	0,18	6	0,02	SCS
									rank
									268.
									rank
									19.

Type data	SHA 10/2018	Herds	13 / 11	Daug.	30	80,5	Rel.	70 %	TYPE	0,86
									rank	212.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,01									
Angularity	2,29									
Chest Width	-0,45									
Body Depth	-0,41									
Rump Angle	-0,22									
Rear Legs Side View	0,52									
Foot Angle	-1,68									
Fore Udder Attachment	-0,59									
Front Teat Placement	-0,79									
Teat Length	-0,44									
Rear Udder Height	1,28									
Rear Udder Width	0,83									
Central Ligament	-1,11									
Udder Depth	0,84									
Rump Width	-0,66									
Rear Legs Rear View	2,38									
Rear Teat Placement	0,68									
Locomotion	2,16									
Body Condition	-0,87									

daught. average

84,7	Frame	-0,07
82,6	Dairy Strength	1,80
81,7	Feet & Legs	0,95
77,0	Udder	0,42
	SHI	65,2
	rank	212.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
DOBRONIN RAFAEL-ET	CZ000809404061	02.08.2012	CSN-001
Country of origin	CZ	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	20.02.2013
		CZ	1300632

Pedigree

Sire	PGS	ENSENADA TABOO PLANET-ET
O-COSMOPOLITAN-ET		US000060597003
NL000570438074	PGD	LARCREST COSMOPOLITAN
BS-060		US000052475668
Dam	MGS	SCHILLVIEW GARRETT-ET
DOBRONIN MARTA 20		US000052805710
CZ000436028961	MGD	DOBRONIN MARTA 3
		CZ000326599961

Milk production data	SK 10/2018	Herds	25	Daug.	302	Rel.	95 %	SPI	2931
Number controls		BV		Milk		Fat	%	rank	48.
1548				620		24	-0,01	22	0,05
								SCS	2,46
								rank	67.

Type data	SHA 10/2018	Herds	13 / 9	Daug.	38	81,4	Rel.	70 %	TYPE	0,84
								rank	213.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,80									
Angularity	0,80									
Chest Width	0,75									
Body Depth	0,70									
Rump Angle	-1,43									
Rear Legs Side View	-0,91									
Foot Angle	-0,92									
Fore Udder Attachment	1,44									
Front Teat Placement	1,87									
Teat Length	-1,19									
Rear Udder Height	0,39									
Rear Udder Width	0,91									
Central Ligament	0,32									
Udder Depth	1,25									
Rump Width	0,52									
Rear Legs Rear View	-1,02									
Rear Teat Placement	1,92									
Locomotion	-0,36									
Body Condition	0,63									

daught. average

85,3 **Frame** **0,78**

81,8 **Dairy Strength** **0,99**

81,1 **Feet & Legs** **-0,80**

79,6 **Udder** **1,12**

SHI **122,2**

rank 65.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
BUSLAK EMPEROR KORMOS	SK000800121444	21.07.2005	EMY-006
Country of origin	SK	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	15.12.2006
		SK	0393/14

Pedigree

Sire	PGS	MJR BLACKSTAR EMORY-ET
HENKESEEN EMPEROR-ET		US000002114601
US000017256762	PGD	HENKESEEN M HILLARY-ET
EMY-002		US000014973207
Dam	MGS	STARTMORE RUDOLPH-ET
SK000067254843		CA000005470579
	MGD	SK000033873823
		ARS-015

Milk production data	SK 10/2018	Herds	21	Daug.	92	Rel.	91 %	SPI	1460
Number controls		BV		Milk		Fat		rank	182.
1629				576		-4	-0,44	12	-0,13
								SCS	2,41
								rank	50.

Type data	SHA 10/2018	Herds	8 / 5	Daug.	24	78,7	Rel.	67 %	TYPE	0,84
								rank	214.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,83									
Angularity	-0,23									
Chest Width	0,50									
Body Depth	1,07									
Rump Angle	-1,75									
Rear Legs Side View	0,20									
Foot Angle	0,11									
Fore Udder Attachment	-0,62									
Front Teat Placement	-1,22									
Teat Length	0,85									
Rear Udder Height	-0,10									
Rear Udder Width	0,76									
Central Ligament	1,37									
Udder Depth	-0,62									
Rump Width	0,79									
Rear Legs Rear View	0,23									
Rear Teat Placement	-0,39									
Locomotion	1,50									
Body Condition	-1,31									

daught. average

83,5 **Frame** **1,15**

78,3 **Dairy Strength** **0,32**

79,1 **Feet & Legs** **0,99**

76,2 **Udder** **0,23**

SHI **77,5**

rank 170.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	REGANCREST-MR SAMUELO-ET	Registration number	US000207184648	Birth date	09.12.1999	State Register	ELN-014
Country of origin	US	Breed	H100				
Distributor	INSEMAS s.r.o.	Herdbook	HA				
Pedigree		Paternity	19.07.2002				
		CA	DC75034				

Sire	REGANCREST ELTON DURHAM-ET US000002250783	PGS	EMPRISE BELL ELTON US000001912270
		PGD	SNOW-N DENISES DELLIA US000012895802
Dam	SHER-EST EMORY SWANNY US000017037800	MGS	MJR BLACKSTAR EMORY-ET US000002114601
		MGD	SHER-EST PRELUDE SWAN-ET US000015421153

Milk production data	SK 10/2018	Herds	54	Daug.	934	Rel.	99 %	SPI	-603
Number controls	17894	BV		Milk	-311	Fat	2	%	0,27
		Prot.		%	-4	0,13	rank	596.	
		SCS					rank	432.	

Type data	SHA 10/2018	Herds	30 / 14	Daug.	124	79,4	Rel.	88 %	TYPE	0,83
		rank	215.							

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,89									
Angularity	-1,24									
Chest Width	0,77									
Body Depth	1,34									
Rump Angle	1,27									
Rear Legs Side View	-1,24									
Foot Angle	0,62									
Fore Udder Attachment	-0,20									
Front Teat Placement	-0,98									
Teat Length	0,12									
Rear Udder Height	0,23									
Rear Udder Width	0,33									
Central Ligament	0,58									
Udder Depth	-0,10									
Rump Width	0,16									
Rear Legs Rear View	0,41									
Rear Teat Placement	-0,20									
Locomotion	1,88									
Body Condition	-0,01									

daught. average

83,9	Frame	1,19
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79,7	Dairy Strength	-0,36
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80,2	Feet & Legs	1,64
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76,6	Udder	0,08
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	SHI	14,9
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rank 397.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
CAERNARVON JAY-ET	US000002204207	01.08.1992	MAS-012
Country of origin	US	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	19.04.1993
		USA	IG182793B

Pedigree

Sire	PGS	WHITTIER-FARMS NED BOY
SINGING-BROOK N-BOY MASCOT-ET		US000001806201
US000002020049	PGD	JACKBUILT CHAIRMAN MANDY
NBV-011		US000011356580
Dam	MGS	WALKWAY CHIEF MARK
CAERNARVON MARK JESSIE-ET		US000001773417
US000012859765	MGD	BESHORE ROTATE BUPPLYNN JODY
		US000011203426

Milk production data	SK 10/2018	Herds	94	Daug.	1196	Rel.	99 %	SPI	713
Number controls		BV		Milk		Fat		rank	323.
23663				175		13	0,11	SCS	3,36
						2	-0,08	rank	1021.

Type data	SHA 10/2018	Herds	49 / 20	Daug.	232	77,8	Rel.	94 %	TYPE	0,82
								rank	216.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,07									
Angularity	0,54									
Chest Width	1,13									
Body Depth	0,44									
Rump Angle	-0,10									
Rear Legs Side View	0,48									
Foot Angle	-0,14									
Fore Udder Attachment	0,27									
Front Teat Placement	0,33									
Teat Length	-0,45									
Rear Udder Height	0,45									
Rear Udder Width	0,27									
Central Ligament	0,42									
Udder Depth	0,45									
Rump Width	1,77									
Rear Legs Rear View	0,96									
Rear Teat Placement	1,99									
Locomotion	0,76									
Body Condition	0,20									

daught. average

80,3 **Frame** **0,41**

76,5 **Dairy Strength** **1,39**

78,2 **Feet & Legs** **0,34**

76,8 **Udder** **0,53**

SHI **54,1**

rank 247.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
BARILL	DE00034371222	29.11.1998	BLT-001
Country of origin	DE	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	12.04.1999
		DEU	99/5257

Pedigree

Sire	PGS	BELT	
BASAR		DE001020475657	
DE001011164690	PGD	SALINA 118	
		DE001011035121	
Dam	MGS	RONNYBROOK PRELUDE-ET	STB-016
GLORINE 7		CA000000392457	
DE001021330529	MGD	GLORIA 7	
		DE001021135219	

Milk production data	SK 10/2018	Herds	40	Daug.	122	Rel.	94 %	SPI	1361
Number controls		BV		Milk		Fat		rank	199.
2532				59		25	0,41	SCS	2,84
						9	0,15	rank	346.

Type data	SHA 10/2018	Herds	9 / 7	Daug.	22	78,1	Rel.	60 %	TYPE	0,81
								rank	217.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,51									
Angularity	0,68									
Chest Width	-0,93									
Body Depth	1,58									
Rump Angle	0,15									
Rear Legs Side View	0,76									
Foot Angle	0,76									
Fore Udder Attachment	0,06									
Front Teat Placement	0,85									
Teat Length	-0,12									
Rear Udder Height	-0,10									
Rear Udder Width	-0,23									
Central Ligament	1,30									
Udder Depth	-1,22									
Rump Width	1,97									
Rear Legs Rear View	-1,46									
Rear Teat Placement	0,37									
Locomotion	-0,05									
Body Condition	-0,47									

daught. average

80,8	Frame	0,81
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77,7	Dairy Strength	1,10
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78,4	Feet & Legs	0,14
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76,7	Udder	0,25
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	SHI	73,6
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rank 182.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
DIAMOND-OAK FROSTY-ET	US000131520543	02.03.2001	BW-023

Country of origin	US	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	01.03.2002
		CA	BT800347

Pedigree

Sire	PGS	MAIZEFIELD BELLWOOD-ET
MARA-THON BW MARSHALL-ET TV	US000002103297	MEW-004
US000002290977	PGD	MORGAN VALLEY ELTON MARA
	US000014840387	
Dam	MGS	MEL-HAM DIXIE-LEE SAND-ET
MOHRFIELD SAND MOLLIE-ET	US000002154310	
US000017215771	MGD	SINGBROOK AERO M MOLLY-ET
	US000014968707	

Milk production data	SK 10/2018	Herds	52	Daug.	1059	Rel.	99 %	SPI	2905
Number controls		BV		Milk		Fat	%	rank	54.
18828				680		26	-0,01	SCS	2,54
						20	-0,04	rank	99.

Type data	SHA 10/2018	Herds	55 / 16	Daug.	233	79,8	Rel.	94 %	TYPE	0,81
								rank	218.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	1,08									
Angularity	0,05									
Chest Width	0,13									
Body Depth	-0,30									
Rump Angle	-0,03									
Rear Legs Side View	-0,17									
Foot Angle	0,75									
Fore Udder Attachment	0,77									
Front Teat Placement	0,43									
Teat Length	0,25									
Rear Udder Height	0,26									
Rear Udder Width	0,39									
Central Ligament	-0,12									
Udder Depth	0,59									
Rump Width	0,18									
Rear Legs Rear View	1,81									
Rear Teat Placement	0,90									
Locomotion	-1,09									
Body Condition	-0,29									

daught. average	83,7	Frame	0,95
	80,3	Dairy Strength	0,01
	80,4	Feet & Legs	0,69
	77,3	Udder	0,38
		SHI	120,2
		rank	69.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
VOSSIUS	FR005623276496	23.12.2004	WIT-007
Country of origin	FR	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	02.12.2005
		FR	F/S 314206

Pedigree

Sire	PGS	LADYS-MANOR WINCHESTER-ET
OKENDO		US000002205082
FR002998012650	PGD	LURONNE
		FR002995001460
Dam	MGS	ETAZON ADDISON-ET
SAGA		NL000839380546
FR005623276322	MGD	MAEVA
		FR005696032243

Milk production data	SK 10/2018	Herds	21	Daug.	84	Rel.	92 %	SPI	-747
Number controls		BV		Milk		Fat		rank	626.
1487				-174		0	0,12	SCS	2,77
								rank	270.

Type data	SHA 10/2018	Herds	10 / 5	Daug.	24	79,4	Rel.	64 %	TYPE	0,81
								rank	219.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,01									
Angularity	0,15									
Chest Width	-0,18									
Body Depth	0,01									
Rump Angle	0,44									
Rear Legs Side View	0,50									
Foot Angle	1,23									
Fore Udder Attachment	0,44									
Front Teat Placement	1,93									
Teat Length	-0,49									
Rear Udder Height	1,55									
Rear Udder Width	1,64									
Central Ligament	-0,34									
Udder Depth	-0,27									
Rump Width	-0,81									
Rear Legs Rear View	-1,30									
Rear Teat Placement	1,49									
Locomotion	1,17									
Body Condition	0,64									

daught. average

81,4	Frame	0,05
79,6	Dairy Strength	0,31
78,8	Feet & Legs	0,59
78,4	Udder	0,81
	SHI	10,0
	rank	422.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
FLECHTER	NL000399172302	10.04.2005	FOM-019

Country of origin	NL	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	29.07.2005
		NL	129664

Pedigree

Sire	PGS	SHEN-VAL NV LM FORMATION-ET
OPSAL FINLEY-ET		US000002163822 LAD-009
US000120780521	PGD	DE-SU OPSAL ETHAN FIONA-ET
		US000015788871
Dam	MGS	MARA-THON BW MARSHALL-ET TV
BW MARSHALL MAE		US000002290977
NL000322769447	MGD	US000014524115

Milk production data	SK 10/2018	Herds	22	Daug.	49	Rel.	88 %	SPI	1300
Number controls		BV		Milk	Fat	%	Prot.	%	rank
886				302	5	-0,13	12	0,04	SCS
									rank
									212.
									2,73
									rank
									227.

Type data	SHA 10/2018	Herds	6 / 6	Daug.	14	79,1	Rel.	54 %	TYPE	0,81
									rank	220.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	1,32									
Angularity	-0,14									
Chest Width	0,84									
Body Depth	0,14									
Rump Angle	-0,58									
Rear Legs Side View	0,38									
Foot Angle	0,79									
Fore Udder Attachment	-0,20									
Front Teat Placement	0,32									
Teat Length	1,91									
Rear Udder Height	-0,27									
Rear Udder Width	0,51									
Central Ligament	-0,73									
Udder Depth	0,55									
Rump Width	1,89									
Rear Legs Rear View	0,56									
Rear Teat Placement	0,35									
Locomotion	-0,09									
Body Condition	0,40									

daught. average

84,2	Frame	1,49
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78,4	Dairy Strength	-0,01
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80,1	Feet & Legs	0,94
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76,6	Udder	0,14
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	SHI	71,5
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rank 188.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
MILK&HONEY SONOMA -RED-TW	US000060098361	10.02.2000	ATE-009
Country of origin	US	Breed	R100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	09.12.2003
		DE	03/45556

Pedigree

Sire	PGS	DUREGAL ASTRE STARBUCK ET
STBVQ RUBENS-ET		CA000000392405
CA000005844883	PGD	HANOVERHILL STAR ROYAL ET
		CA000004323541
Dam	MGS	LOOSLEA BSTAR MARCEL-ET
SFL MISS SCARLET-RED-ET		US000002138315
US000017241981	MGD	STOOKEY FAGN SCARLET RED-ET
		US000011681841

Milk production data	SK 10/2018	Herds	19	Daug.	158	Rel.	95 %	SPI	-1105
Number controls		BV		Milk		Prot.		rank	715.
2974				-309	-1	0,02	-6	SCS	3,40
								rank	1059.

Type data	SHA 10/2018	Herds	11 / 2	Daug.	77	79,6	Rel.	83 %	TYPE	0,81
								rank	221.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,36									
Angularity	0,22									
Chest Width	0,06									
Body Depth	0,48									
Rump Angle	-2,09									
Rear Legs Side View	-0,26									
Foot Angle	0,08									
Fore Udder Attachment	0,27									
Front Teat Placement	0,77									
Teat Length	-0,25									
Rear Udder Height	0,96									
Rear Udder Width	0,96									
Central Ligament	0,69									
Udder Depth	1,03									
Rump Width	0,51									
Rear Legs Rear View	0,40									
Rear Teat Placement	0,19									
Locomotion	-0,98									
Body Condition	1,15									

daught. average

82,9 **Frame** **-0,36**

79,9 **Dairy Strength** **0,34**

80,9 **Feet & Legs** **-0,05**

77,3 **Udder** **1,68**

SHI **-1,0**

rank 468.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
MONZA	FR005996002810	20.01.1996	LU-015
Country of origin	FR	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	10.05.2001
		FRA	GS619621

Pedigree

Sire	PGS	BIS-MAY TRADITION CLEITUS
NORRIELAKE CLEITUS LUKE-TWIN	US000001879085	CLE-003
US000002071864	PGD	NORRIELAKE VALIANT CHEER-ET
CLE-005	US000012365669	
Dam	MGS	ROTHROCK TRADITION LEADMAN
SFL LEADMAN COLEEN	US000001983348	TDN-004
US000014228152	MGD	SHEY-LAND ROTATE CONNIE-ET
	US000012992246	

Milk production data	SK 10/2018	Herds	13	Daug.	59	Rel.	90 %	SPI	2132
Number controls		BV		Milk	Fat	%	Prot.	%	rank
1112				756	11	-0,30	12	-0,22	SCS
									rank
									110.
									622.

Type data	SHA 10/2018	Herds	13 / 8	Daug.	37	78,2	Rel.	76 %	TYPE	0,80
									rank	222.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	1,01									
Angularity	1,23									
Chest Width	-0,65									
Body Depth	-0,28									
Rump Angle	-0,95									
Rear Legs Side View	0,55									
Foot Angle	1,26									
Fore Udder Attachment	-1,10									
Front Teat Placement	-0,99									
Teat Length	0,56									
Rear Udder Height	-0,58									
Rear Udder Width	0,33									
Central Ligament	1,86									
Udder Depth	-0,59									
Rump Width	-0,15									
Rear Legs Rear View	1,03									
Rear Teat Placement	1,03									
Locomotion	-0,74									
Body Condition	-0,31									

daught. average

80,3 **Frame** 0,66

79,0 **Dairy Strength** 0,83

77,4 **Feet & Legs** 1,17

77,3 **Udder** 0,25

SHI 96,5

rank 122.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
KEES	NL000102825738	21.11.1994	PEL-010
Country of origin	NL	Breed	H100
Distributor	Holstein, Holandsko	Herdbook	HA
		Paternity	15.11.1995
		SVK	0201/36

Pedigree

Sire	PGS	HANOVERHILL STARBUCK CA000000352790
RONNYBROOK PRELUDE-ET CA000000392457 STB-016	PGD	KELLYS-VIEW GLENDELL KELCO US000009739109
Dam	MGS	S-W-D VALIANT US000001650414
QUIETCOVE VALIANT FAWN US000011649988	MGD	QUIETCOVE PETE FRESCA US000010449277

Milk production data	SK 10/2018	Herds	49	Daug.	135	Rel.	95 %	SPI	-2278
Number controls		BV		Milk		Fat	%	Prot.	%
2668				-587		-8	0,29	-19	-0,03
								SCS	2,99
								rank	984.
								rank	553.

Type data	SHA 10/2018	Herds	12 / 9	Daug.	16	77,8	Rel.	65 %	TYPE	0,80
									rank	223.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	1,63									
Angularity	0,25									
Chest Width	0,24									
Body Depth	-0,04									
Rump Angle	0,86									
Rear Legs Side View	-0,14									
Foot Angle	0,70									
Fore Udder Attachment	-0,79									
Front Teat Placement	0,20									
Teat Length	0,93									
Rear Udder Height	-0,00									
Rear Udder Width	-0,19									
Central Ligament	0,07									
Udder Depth	-0,28									
Rump Width	1,21									
Rear Legs Rear View	-0,02									
Rear Teat Placement	0,38									
Locomotion	0,16									
Body Condition	-0,60									

daught. average

81,3	Frame	1,47
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74,9	Dairy Strength	0,61
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79,0	Feet & Legs	0,88
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76,7	Udder	-0,33
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	SHI	-36,6
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rank 617.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
MATULLA-ET	DE000352795163	07.10.2009	BW-060
Country of origin	DE	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	06.11.2009
		DK	09/45090

Pedigree

Sire	PGS	MARA-THON BW MARSHALL-ET TV
REGANCREST-HHF MAC-ET		US000002290977
US000060540164	PGD	REGANCREST RUDOLPH DENA-ET
		US000017391080
Dam	MGS	PICSTON SHOTTLE-ET
GOLD-N-OAKS S MARBELLA-ET		GB000000598172
US000062213305	MGD	GOLD-N-OAKS MORTY MALIBU-ET
		US000061549321

Milk production data	SK 10/2018	Herds	25	Daug.	259	Rel.	94 %	SPI	1535
Number controls		BV		Milk		Fat	%	rank	170.
1269				486		17	-0,04	6	-0,18
								SCS	3,30
								rank	941.

Type data	SHA 10/2018	Herds	12 / 5	Daug.	75	81,2	Rel.	81 %	TYPE	0,80
								rank	224.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,84									
Angularity	0,26									
Chest Width	-1,14									
Body Depth	-0,41									
Rump Angle	-0,32									
Rear Legs Side View	-0,73									
Foot Angle	1,41									
Fore Udder Attachment	1,86									
Front Teat Placement	0,79									
Teat Length	-1,03									
Rear Udder Height	1,19									
Rear Udder Width	-0,37									
Central Ligament	-0,14									
Udder Depth	1,99									
Rump Width	-1,72									
Rear Legs Rear View	0,56									
Rear Teat Placement	1,46									
Locomotion	-1,53									
Body Condition	-1,84									

daught. average

84,7	Frame	0,24
80,0	Dairy Strength	-0,83
83,1	Feet & Legs	0,93
79,0	Udder	1,17
	SHI	78,4
	rank	168.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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Bull name	Registration number	Birth date	State Register
ARTHUS	FR002941260237	21.09.2005	ELN-023
Country of origin	FR	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	03.02.2006
		FR	F/S324418

Pedigree

Sire	PGS	REGANCREST ELTON DURHAM-ET
REGANCREST-LH MODEST-ET		US000002250783
US000207124561	PGD	MEADOW BRIDGE AERO MISSY-ET
ELN-010		CA000005940575
Dam	MGS	JOCKO BESN
STYLEBESNE		FR005694028588
FR002941264385	MGD	PARISIENNE
		FR002941263979

Milk production data	SK 10/2018	Herds	16	Daug.	83	Rel.	92 %	SPI	-396
Number controls		BV		Milk		Fat	%	Prot.	%
1612				-106		-3	0,01	-3	0,01
								SCS	2,98
								rank	542.
								rank	535.

Type data	SHA 10/2018	Herds	5 / 3	Daug.	10	79,0	Rel.	47 %	TYPE	0,80
									rank	225.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	1,33									
Angularity	0,90									
Chest Width	0,43									
Body Depth	-0,25									
Rump Angle	0,83									
Rear Legs Side View	0,38									
Foot Angle	-0,76									
Fore Udder Attachment	-0,51									
Front Teat Placement	-0,35									
Teat Length	0,85									
Rear Udder Height	0,32									
Rear Udder Width	0,13									
Central Ligament	0,69									
Udder Depth	0,61									
Rump Width	0,87									
Rear Legs Rear View	-0,09									
Rear Teat Placement	0,84									
Locomotion	1,41									
Body Condition	-1,06									

daught. average

84,4	Frame	1,37
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80,0	Dairy Strength	0,88
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79,2	Feet & Legs	0,33
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75,8	Udder	0,11
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	SHI	20,0
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rank 375.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
CANYON-BREEZE AIR-TIME-ET	US000130124155	18.04.2000	LU-025
Country of origin	US	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	25.06.2004
		US	IG018328A

Pedigree

Sire	PGS	NORRIELAKE CLEITUS LUKE-TWIN
DIXIE-LEE AARON-ET		US000002071864
US000002265005	PGD	DIXIE-LEE ASPEN-ET
LU-009		US000014889171
Dam	MGS	MAIZEFIELD BELLWOOD-ET
CANYON-BREEZE BLW ALICE-ET		US000002103297
US000122944455	MGD	CANYON-BREEZE RTL AMIE-ET
		US000014603504

Milk production data	SK 10/2018	Herds	43	Daug.	658	Rel.	99 %	SPI	1399
Number controls		BV		Milk		Fat	%	rank	192.
13118				306		7	-0,09	12	0,05
								SCS	3,13
								rank	729.

Type data	SHA 10/2018	Herds	41 / 13	Daug.	182	79,5	Rel.	93 %	TYPE	0,80
								rank	226.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,51									
Angularity	-0,01									
Chest Width	0,08									
Body Depth	-0,36									
Rump Angle	1,04									
Rear Legs Side View	-0,56									
Foot Angle	1,50									
Fore Udder Attachment	-0,11									
Front Teat Placement	0,76									
Teat Length	0,40									
Rear Udder Height	0,08									
Rear Udder Width	-0,56									
Central Ligament	1,78									
Udder Depth	0,35									
Rump Width	0,20									
Rear Legs Rear View	0,61									
Rear Teat Placement	0,20									
Locomotion	0,22									
Body Condition	0,15									

daught. average

83,0	Frame	0,42
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79,7	Dairy Strength	-0,03
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80,0	Feet & Legs	1,53
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77,5	Udder	0,57
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	SHI	74,2
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rank 180.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
LUDOX	DE000578720303	21.05.1999	LOG-010
Country of origin	DE	Breed	R100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	20.06.2003
		DEU	03/38633

Pedigree

Sire	PGS	SHADY-LAWN-U LOGIC RED-ET
MASAL LUCKY RED-ET		US000002034426
US000002228267	PGD	DERRWYN CENTRA SASSY RED-ET
		US000013630917
Dam	MGS	BRABANT STAR PATRON-ET
MAIKE		US000002160458
DE000577226099	MGD	MAYWIND
		DE000576270437

Milk production data	SK 10/2018	Herds	66	Daug.	1194	Rel.	99 %	SPI	227
Number controls		BV		Milk		Fat		rank	419.
24105				-58		12	0,26	SCS	3,35
						-0	0,02	rank	1005.

Type data	SHA 10/2018	Herds	38 / 13	Daug.	192	78,4	Rel.	93 %	TYPE	0,80
								rank	227.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	1,38									
Angularity	-0,44									
Chest Width	0,10									
Body Depth	-0,02									
Rump Angle	0,09									
Rear Legs Side View	0,92									
Foot Angle	0,25									
Fore Udder Attachment	-0,95									
Front Teat Placement	0,37									
Teat Length	-0,50									
Rear Udder Height	0,31									
Rear Udder Width	0,90									
Central Ligament	-0,18									
Udder Depth	-0,04									
Rump Width	1,14									
Rear Legs Rear View	2,72									
Rear Teat Placement	-0,40									
Locomotion	0,20									
Body Condition	-0,66									

daught. average

82,2	Frame	1,29
78,1	Dairy Strength	-0,44
78,9	Feet & Legs	0,95
76,3	Udder	0,23
	SHI	38,8
	rank	304.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
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Bull name	Registration number	Birth date	State Register
RICECREST LANTZ-ET	US000002266008	29.04.1994	LU-011
Country of origin	US	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	19.05.1995
		USA	IG210624A

Pedigree

Sire	PGS	BIS-MAY TRADITION CLEITUS
NORRIELAKE CLEITUS LUKE-TWIN	US000001879085	CLE-003
US000002071864	PGD	NORRIELAKE VALIANT CHEER-ET
CLE-005	US000012365669	
Dam	MGS	SOUTHWIND BELL OF BAR-LEE
RICECREST SOUTHWIND KAYE-ET	US000001964484	BEL-001
US000014334791	MGD	RICECREST NED BOY NOREEN-ET
	US000012806737	

Milk production data	SK 10/2018	Herds	8	Daug.	23	Rel.	86 %	SPI	2460
Number controls		BV		Milk		Fat	%	Prot.	%
479				701	13	-0,25	18	-0,08	SCS
									3,31
									rank
									...
									rank
									...

Type data	SHA 10/2018	Herds	10 / 7	Daug.	23	79,7	Rel.	74 %	TYPE	0,79
									rank	228.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,14									
Angularity	1,27									
Chest Width	-0,04									
Body Depth	-0,34									
Rump Angle	-1,19									
Rear Legs Side View	1,12									
Foot Angle	0,18									
Fore Udder Attachment	0,06									
Front Teat Placement	-0,34									
Teat Length	-1,11									
Rear Udder Height	0,74									
Rear Udder Width	1,25									
Central Ligament	3,39									
Udder Depth	-0,21									
Rump Width	-0,12									
Rear Legs Rear View	0,34									
Rear Teat Placement	0,60									
Locomotion	-0,67									
Body Condition	-1,10									

daught. average

79,7	Frame	-0,27
79,7	Dairy Strength	0,86
78,9	Feet & Legs	0,35
79,9	Udder	1,17
	SHI	105,9
	rank	101.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
ROCKYMOUNTAIN MCLEOD RED	CA00009902120	30.10.2008	BS-052
Country of origin	CA	Breed	R100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	27.03.2009
		CA	DC228464

Pedigree

Sire	PGS	MARKIM THUNDER
DUDOC MR BURNS-ET		US000017144785
CA000100745543	PGD	GRANDUC MAGGIE STORM-ET
BS-047		CA000006873895
Dam	MGS	GLEN DRUMMOND INTENSIFIER-ET
NORTHERN-GLO MACINTOSH-RED		CA000006505247
US000060661280	MGD	NORTHERN-GLO RUBEN MACAROON
		US000126021619

Milk production data	SK 10/2018	Herds	42	Daug.	713	Rel.	99 %	SPI	1580
Number controls		BV		Milk		Fat	%	Prot.	%
13541				134	18	0,22	14	0,21	
								SCS	3,16
								rank	160.
								rank	761.

Type data	SHA 10/2018	Herds	8 / 3	Daug.	48	81,6	Rel.	73 %	TYPE	0,78
									rank	229.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	2,19									
Angularity	0,61									
Chest Width	-0,47									
Body Depth	-1,10									
Rump Angle	-0,52									
Rear Legs Side View	-0,11									
Foot Angle	1,39									
Fore Udder Attachment	0,43									
Front Teat Placement	-0,50									
Teat Length	-0,25									
Rear Udder Height	0,69									
Rear Udder Width	-0,23									
Central Ligament	-0,33									
Udder Depth	1,38									
Rump Width	0,46									
Rear Legs Rear View	0,41									
Rear Teat Placement	-0,01									
Locomotion	-1,48									
Body Condition	-1,96									

daught. average

87,3	Frame	1,75
81,9	Dairy Strength	-0,10
83,3	Feet & Legs	0,17
77,9	Udder	0,20
	SHI	78,9
	rank	167.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
COGENT TWIST-ET	GB000000631308	19.09.2005	PEL-051
Country of origin	GB	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	31.01.2006
		NL	137421

Pedigree

Sire	PGS	CAROL PRELUDE MTOTO-ET
PICSTON SHOTTLE-ET		IT006001001962
GB000000598172	PGD	CONDON AERO SHARON
PEL-033		CA000005373153
Dam	MGS	LOOKING MAJOR-ET
COGENT MAJOR TEX		NL000175038880
GB000010263512	MGD	COGENT WINCHESTER TEX-ET
		GB000009798897

Milk production data	SK 10/2018	Herds	23	Daug.	426	Rel.	98 %	SPI	4499
Number controls		BV		Milk		Fat	%	rank	9.
7416				594		60	0,61	SCS	2,96
						32	0,26	rank	505.

Type data	SHA 10/2018	Herds	34 / 11	Daug.	202	81,6	Rel.	92 %	TYPE	0,78
								rank	230.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	1,33									
Angularity	0,12									
Chest Width	-0,08									
Body Depth	0,34									
Rump Angle	3,20									
Rear Legs Side View	0,36									
Foot Angle	0,03									
Fore Udder Attachment	0,94									
Front Teat Placement	0,74									
Teat Length	0,92									
Rear Udder Height	-0,35									
Rear Udder Width	-0,39									
Central Ligament	0,08									
Udder Depth	0,03									
Rump Width	1,34									
Rear Legs Rear View	-0,62									
Rear Teat Placement	-0,30									
Locomotion	0,11									
Body Condition	0,57									

daught. average

85,7 **Frame** **1,13**

81,6 **Dairy Strength** **0,16**

82,5 **Feet & Legs** **-0,21**

79,3 **Udder** **0,82**

SHI **166,9**

rank 21.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
ELECTRIC-ET	DE000662367856	10.02.2004	ELN-018
Country of origin	DE	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	12.07.2004
		DE	04/39095

Pedigree

Sire	PGS	EMPRISE BELL ELTON
REGANCREST ELTON DURHAM-ET		US000001912270
US000002250783	PGD	SNOW-N DENISES DELLIA
		US000012895802
Dam	MGS	MARCREST ENCORE
BUDJON-JK ENCORE ELECTRA-ET		US000002048702
US000121326223	MGD	KRULL BROKER ELEGANCE
		US000015395294

Milk production data	SK 10/2018	Herds	36	Daug.	170	Rel.	96 %	SPI	-1881
Number controls		BV		Milk		Fat		rank	898.
2878				-313		-25	-0,26	SCS	3,60
						-12	-0,06	rank	1184.

Type data	SHA 10/2018	Herds	20 / 8	Daug.	73	80,1	Rel.	84 %	TYPE	0,78
								rank	231.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,88									
Angularity	-0,32									
Chest Width	0,36									
Body Depth	1,32									
Rump Angle	-0,65									
Rear Legs Side View	2,48									
Foot Angle	-0,12									
Fore Udder Attachment	0,59									
Front Teat Placement	0,33									
Teat Length	0,84									
Rear Udder Height	-0,24									
Rear Udder Width	0,17									
Central Ligament	0,99									
Udder Depth	0,57									
Rump Width	1,13									
Rear Legs Rear View	-1,37									
Rear Teat Placement	0,45									
Locomotion	1,96									
Body Condition	0,58									

daught. average

83,5 **Frame** **0,96**

79,8 **Dairy Strength** **0,57**

80,5 **Feet & Legs** **0,17**

78,4 **Udder** **0,32**

SHI **-25,6**

rank 570.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
EM-JO GRANADA-ET	CZ000114472761	24.08.2002	MTA-001
Country of origin	CZ	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	09.12.2002
		CSK	271102

Pedigree

Sire	PGS	LUTZ-MEADOWS E MANDEL-ET
MANAT-ET		US000002119526
DE002261530135	PGD	IMPERIAL SPLENDORS STYLE
MNL-004		US000013633539
Dam	MGS	RICECREST EMERSON-ET
RICECREST EMERSON ELYSE-ET		US000002271271
US000129882761	MGD	RICECREST LUKE LORI-ET
		US000015626470

Milk production data	SK 10/2018	Herds	27	Daug.	82	Rel.	91 %	SPI	1742
Number controls		BV		Milk	Fat	%	Prot.	%	rank
1612				338	17	0,06	13	0,04	SCS
									rank
									147.
									407.

Type data	SHA 10/2018	Herds	8 / 6	Daug.	26	78,3	Rel.	68 %	TYPE	0,77
									rank	232.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,05									
Angularity	1,43									
Chest Width	-1,12									
Body Depth	-0,31									
Rump Angle	-0,79									
Rear Legs Side View	0,26									
Foot Angle	1,62									
Fore Udder Attachment	1,34									
Front Teat Placement	0,65									
Teat Length	-1,03									
Rear Udder Height	0,52									
Rear Udder Width	1,36									
Central Ligament	0,58									
Udder Depth	0,63									
Rump Width	0,15									
Rear Legs Rear View	-0,43									
Rear Teat Placement	0,91									
Locomotion	0,54									
Body Condition	-2,22									

daught. average

81,5	Frame	-0,13
78,3	Dairy Strength	0,87
78,8	Feet & Legs	1,10
76,5	Udder	0,61
	SHI	83,3
	rank	151.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
MARCEL RED	FR005996024475	10.12.1996	MRC-001

Country of origin	FR	Breed	R100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	16.04.1997
			NL

Pedigree

Sire	PGS	TO-MAR BLACKSTAR-ET	
LOOSLEA BSTAR MARCEL-ET		US000001929410	CHR-002
US000002138315	PGD	STOOKEY ENHANCER MONICA-RED-ET	
		US000012012699	
Dam	MGS	SINGING-BROOK N-BOY MASCOT-ET	
SHADY-LAWN-U NANCY-ET		US000002020049	NBY-011
US000015173486	MGD	SHADY-LAWN-U LICORICE RED	
		US000011882992	

Milk production data	SK 10/2018	Herds	115	Daug.	1764	Rel.	99 %	SPI	-475
Number controls		BV		Milk		Fat		rank	561.
35889				-12		-9	-0,18	SCS	3,31
						-3	-0,07	rank	961.

Type data	SHA 10/2018	Herds	38 / 15	Daug.	349	77,8	Rel.	96 %	TYPE	0,77
								rank	233.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-1,09									
Angularity	0,51									
Chest Width	0,39									
Body Depth	1,20									
Rump Angle	-2,08									
Rear Legs Side View	0,67									
Foot Angle	-1,55									
Fore Udder Attachment	-0,04									
Front Teat Placement	-1,22									
Teat Length	0,83									
Rear Udder Height	1,17									
Rear Udder Width	2,45									
Central Ligament	1,42									
Udder Depth	-0,75									
Rump Width	-0,49									
Rear Legs Rear View	-0,19									
Rear Teat Placement	-0,56									
Locomotion	0,89									
Body Condition	0,16									

daught. average

79,1	Frame	-1,00
78,8	Dairy Strength	1,21
77,5	Feet & Legs	-0,76
76,8	Udder	2,04
	SHI	16,4
	rank	389.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
RIDGE-HEIGHTS ORN TRAVEL-ET	US000060913940	28.04.2002	HUN-004
Country of origin	US	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	18.07.2003
		USA	DNA

Pedigree

Sire **PGS** AMELDIN II PONTIAC HUNTER-323
ANDACRES HUNTER ORION
US000002294563
US000002094527 PTC-010

PGD ANDACRES LEADMAN OREO
US000014779973

Dam **MGS** STARTMORE RUDOLPH-ET
RIDGE-HEIGHTS TRAVELER
US000018062853
CA000005470579 ARS-015

MGD RIDGGE-HEIGHTS HEAVEN
US000014210771

Milk production data	SK 10/2018	Herds	34	Daug.	81	Rel.	92 %	SPI	689
Number controls		BV		Milk		Fat		rank	330.
1763				173		17	0,17	SCS	2,44
						-0	-0,12	rank	58.

Type data	SHA 10/2018	Herds	8 / 7	Daug.	15	79,2	Rel.	56 %	TYPE	0,77
								rank	234.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	1,26									
Angularity	-0,02									
Chest Width	1,53									
Body Depth	-0,51									
Rump Angle	-1,14									
Rear Legs Side View	-1,40									
Foot Angle	1,16									
Fore Udder Attachment	1,24									
Front Teat Placement	0,06									
Teat Length	-0,00									
Rear Udder Height	0,41									
Rear Udder Width	0,30									
Central Ligament	0,39									
Udder Depth	3,05									
Rump Width	-0,65									
Rear Legs Rear View	-1,15									
Rear Teat Placement	-0,36									
Locomotion	0,02									
Body Condition	1,31									

daught. average

82,1 **Frame** **1,31**

79,5 **Dairy Strength** **0,06**

78,5 **Feet & Legs** **0,34**

77,9 **Udder** **0,18**

SHI **51,5**

rank 256.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
SHAWNEE-ET	DE001402951395	11.10.2006	PEL-034
Country of origin	DE	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	19.01.2007
		DE	07/170

Pedigree

Sire	PGS	CAROL PRELUDE MTOTO-ET
PICSTON SHOTTLE-ET		IT006001001962
GB000000598172	PGD	CONDON AERO SHARON
PEL-033		CA000005373153
Dam	MGS	QUALITY FUTURE LAD
E MADLEIN		CA000005871356
SE003717101116	MGD	QA FELIC
		SE000004100231

Milk production data	SK 10/2018	Herds	14	Daug.	76	Rel.	91 %	SPI	-1790
Number controls		BV		Milk	Fat	%	Prot.	%	rank
1593				-444	-13	0,06	-13	0,02	SCS
									rank
									108.

Type data	SHA 10/2018	Herds	14 / 5	Daug.	31	80,9	Rel.	69 %	TYPE	0,76
									rank	235.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,66									
Angularity	0,88									
Chest Width	-0,12									
Body Depth	0,22									
Rump Angle	0,42									
Rear Legs Side View	0,59									
Foot Angle	-1,15									
Fore Udder Attachment	0,45									
Front Teat Placement	-0,08									
Teat Length	0,95									
Rear Udder Height	1,41									
Rear Udder Width	-0,10									
Central Ligament	0,93									
Udder Depth	1,30									
Rump Width	0,48									
Rear Legs Rear View	0,54									
Rear Teat Placement	0,59									
Locomotion	0,55									
Body Condition	0,17									

daught. average

84,5	Frame	0,81
81,3	Dairy Strength	0,99
81,4	Feet & Legs	-0,12
78,6	Udder	0,52
	SHI	-23,7
	rank	564.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
K-STAR LATROY-ET	US000069304279	12.04.2010	MED-053

Country of origin	US	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	17.12.2010
		US	M10071381

Pedigree

Sire	PGS	O-BEE MANFRED JUSTICE-ET	
LONG-LANGS OMAN OMAN-ET		US000122358313	MED-012
US000135746776	PGD	WINNING-WAY MARCI-ET	
		US000130677626	
Dam	MGS	JENNY-LOU MRSHL TOYSTORY-ET	
LACLAR TOYSTORY LATOYA-ET		US000060372887	BW-053
US000138293624	MGD	LACLAR STORMTC LASTELLA-ET	
		US000134970262	

Milk production data	SK 10/2018	Herds	4	Daug.	85	Rel.	86 %	SPI	1004
Number controls		BV		Milk		Fat	%	Prot.	%
554				192	0	-0,14	11	0,11	SCS
									rank
									2,07
									rank
									...

Type data	SHA 10/2018	Herds	9 / 4	Daug.	50	82,2	Rel.	74 %	TYPE	0,75
									rank	236.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	1,50									
Angularity	0,25									
Chest Width	-0,29									
Body Depth	-0,39									
Rump Angle	0,14									
Rear Legs Side View	-0,95									
Foot Angle	-0,55									
Fore Udder Attachment	1,24									
Front Teat Placement	1,70									
Teat Length	-1,58									
Rear Udder Height	0,84									
Rear Udder Width	-0,86									
Central Ligament	0,14									
Udder Depth	1,89									
Rump Width	0,13									
Rear Legs Rear View	-0,62									
Rear Teat Placement	1,38									
Locomotion	1,34									
Body Condition	-0,87									

daught. average	86,1	Frame	1,23
	81,4	Dairy Strength	-0,54
	83,1	Feet & Legs	0,79
	80,2	Udder	0,44
		SHI	60,4
		rank	228.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
JK EDER MARIO-ET	NL000713493052	14.04.2012	MNA-021
Country of origin	NL	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	14.06.2012
		DE	12/7685

Pedigree

Sire	PGS	VEAZLAND MARION-ET
BOMAZ MARION EMERALD 648-ET		US000130153294
US000062297934	PGD	BOMAZ LYNCH 2411
		US000060413680
Dam	MGS	ENSENADA TABOO PLANET-ET
A-L-H MICA-ET		US000060597003
NL000570437569		BS-050
	MGD	HENDEL SHOTTLE MICA 2144-ET
		US000062284766

Milk production data	SK 10/2018	Herds	8	Daug.	39	Rel.	76 %	SPI	116
Number controls		BV		Milk		Fat		rank	...
236				-111		10	0,25	SCS	2,59
						0	0,07	rank	...

Type data	SHA 10/2018	Herds	5 / 2	Daug.	16	82,6	Rel.	50 %	TYPE	0,75
								rank	237.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,21									
Angularity	0,28									
Chest Width	0,83									
Body Depth	-0,76									
Rump Angle	0,76									
Rear Legs Side View	0,37									
Foot Angle	0,06									
Fore Udder Attachment	1,31									
Front Teat Placement	1,53									
Teat Length	-0,65									
Rear Udder Height	0,64									
Rear Udder Width	-0,09									
Central Ligament	0,59									
Udder Depth	0,79									
Rump Width	0,64									
Rear Legs Rear View	-0,31									
Rear Teat Placement	1,56									
Locomotion	1,83									
Body Condition	0,45									

daught. average

84,4 **Frame** **0,06**

81,7 **Dairy Strength** **0,28**

84,4 **Feet & Legs** **0,92**

81,4 **Udder** **0,66**

SHI **33,5**

rank 320.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
HUN VAJHATI ZSOLDOS MTOTO-ET	HU003220129672	03.01.2001	PEL-019
Country of origin	HU	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	04.04.2001
		HUN	24548/01

Pedigree

Sire _____ **PGS** RONNYBROOK PRELUDE-ET
CAROL PRELUDE MTOTO-ET CA000000392457 **STB-016**
IT006001001962 _____ **PGD** BLACKSTAR BETSY-ET
US000014459466

Dam _____ **MGS** NORRIELAKE CLEITUS LUKE-TWIN
SUMMERSHADE ICEBRAK LUKE US000002071864 **CLE-005**
CA000006202511 _____ **MGD** SUMMERSHADE ILENE SCOT-ET
CA000005619306

Milk production data	SK 10/2018	Herds	35	Daug.	77	Rel.	91 %	SPI	784
Number controls		BV		Milk	Fat	%	Prot.	%	rank
1559				241	9	-0,01	3	-0,10	SCS
									rank
									1200.

Type data	SHA 10/2018	Herds	9 / 8	Daug.	26	78,5	Rel.	65 %	TYPE	0,75
									rank	238.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,64									
Angularity	1,10									
Chest Width	0,11									
Body Depth	-0,34									
Rump Angle	0,14									
Rear Legs Side View	-1,58									
Foot Angle	1,48									
Fore Udder Attachment	-1,07									
Front Teat Placement	0,80									
Teat Length	-0,15									
Rear Udder Height	-0,74									
Rear Udder Width	-0,20									
Central Ligament	0,30									
Udder Depth	-0,72									
Rump Width	-0,53									
Rear Legs Rear View	-0,17									
Rear Teat Placement	1,17									
Locomotion	2,48									
Body Condition	0,16									

daught. average

81,3 **Frame** 0,44

79,5 **Dairy Strength** 1,46

80,5 **Feet & Legs** 1,91

75,5 **Udder** -0,47

SHI 53,6

rank 249.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
PREBELL-ET	DE000416033241	23.10.2001	PEL-023
Country of origin	DE	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	12.11.2001
		DEU	01/12676

Pedigree

Sire	PGS	RONNYBROOK PRELUDE-ET
PEDANT-ET		CA000000392457
DE001021497684	PGD	EDELROSE
		DE001020888555
Dam	MGS	EMERALD-ACRES-SA TONIC-ET
ATHENE		US000002074727
DE001021467920	MGD	ALASKA
		DE001020891063

Milk production data	SK 10/2018	Herds	35	Daug.	119	Rel.	94 %	SPI	-1371
Number controls		BV		Milk		Fat	%	Prot.	%
2405				-375		-2	0,23	-12	-0,02
								SCS	2,99
								rank	777.
								rank	547.

Type data	SHA 10/2018	Herds	7 / 6	Daug.	13	78,3	Rel.	51 %	TYPE	0,75
									rank	239.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,73									
Angularity	1,73									
Chest Width	-0,37									
Body Depth	0,20									
Rump Angle	0,85									
Rear Legs Side View	-0,02									
Foot Angle	0,49									
Fore Udder Attachment	-0,04									
Front Teat Placement	-1,04									
Teat Length	-0,51									
Rear Udder Height	1,19									
Rear Udder Width	0,96									
Central Ligament	1,38									
Udder Depth	0,14									
Rump Width	-0,75									
Rear Legs Rear View	-1,42									
Rear Teat Placement	1,41									
Locomotion	-0,25									
Body Condition	-0,75									

daught. average

78,3	Frame	-0,76
79,9	Dairy Strength	1,67
77,3	Feet & Legs	-0,09
77,6	Udder	0,94
	SHI	-11,4
	rank	514.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
LIPPI-ET	NL000430249095	22.05.2006	LU-033
Country of origin	NL	Breed	R100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	30.06.2006
		NL	144280

Pedigree

Sire

LICHTBLICK-RED-ET
DE000345785578

PGS

LENTINI-ET
DE001012337003

PGD

DITTMER JUBILANT OLORE
DE001021588259

Dam

PIETJE 515
NL000355546378

MGS

BEAUTIFUL
NL000189887001

JUL-003

MGD

HUIJBEN PIETJE 514
NL000256660889

Milk production data

SK 10/2018

Herds **63**

Daug. **659**

Rel. **99 %**

SPI

-1077

Number controls

BV

Milk

Fat

%

Prot.

%

rank

708.

12820

-412

-4

0,22

-6

0,15

SCS

3,32

rank

972.

Type data

SHA 10/2018

Herds **14 / 6**

Daug. **85**

79,2

Rel. **84 %**

TYPE

0,75

rank

240.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,36									
Angularity	-0,67									
Chest Width	0,79									
Body Depth	1,42									
Rump Angle	-1,10									
Rear Legs Side View	-0,02									
Foot Angle	0,71									
Fore Udder Attachment	0,45									
Front Teat Placement	0,53									
Teat Length	-0,31									
Rear Udder Height	0,06									
Rear Udder Width	-0,64									
Central Ligament	0,93									
Udder Depth	1,41									
Rump Width	0,43									
Rear Legs Rear View	1,93									
Rear Teat Placement	-0,03									
Locomotion	-0,93									
Body Condition	0,46									

daught. average

83,4

Frame

0,60

80,7

Dairy Strength

0,49

80,0

Feet & Legs

0,37

75,9

Udder

0,55

SHI

-2,6

rank

476.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
MADAWASKA AEROSTAR	CA00000383622	25.03.1985	STB-011
Country of origin	CA	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	16.01.1986
		CAN	383622

Pedigree

Sire	PGS	ROUND OAK RAG APPLE ELEVATION
HANOVERHILL STARBUCK		US000001491007
CA000000352790	PGD	ANACRES ASTRONAUT IVANHOE
		US000008018046
Dam	MGS	CLINTON-CAMP MAJESTY
MADAWASKA SHADY		CA000000333473
CA000003511527	MGD	MADAWASKA STEPHANIE
		CA000003152374

Milk production data	SK 10/2018	Herds	68	Daug.	333	Rel.	99 %	SPI	-534
Number controls		BV		Milk		Fat	%	Prot.	%
6113				-57		-4	-0,05	-5	-0,08
								SCS	3,13
								rank	578.
								rank	715.

Type data	SHA 10/2018	Herds	22 / 16	Daug.	51	77,5	Rel.	93 %	TYPE	0,74
									rank	241.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,57									
Angularity	1,22									
Chest Width	-0,56									
Body Depth	-0,56									
Rump Angle	-0,61									
Rear Legs Side View	-1,05									
Foot Angle	-0,51									
Fore Udder Attachment	-0,51									
Front Teat Placement	-0,58									
Teat Length	0,98									
Rear Udder Height	1,31									
Rear Udder Width	0,59									
Central Ligament	0,65									
Udder Depth	-0,31									
Rump Width	-0,71									
Rear Legs Rear View	0,86									
Rear Teat Placement	0,45									
Locomotion	0,40									
Body Condition	-0,27									

daught. average

79,8	Frame	0,18
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75,0	Dairy Strength	1,31
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78,4	Feet & Legs	0,38
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77,0	Udder	0,65
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	SHI	13,6
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rank 405.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
JOSY	DE000113196426	19.12.2000	BES-003
Country of origin	DE	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	16.02.2001
		DEU	1/3010

Pedigree

Sire	PGS	BESNE-BUCK
JOCKO BESN		FR004486041658
FR005694028588	PGD	GAIA
		FR005691017484
Dam	MGS	EASTLAND CASH
WILMA 21		NL000775328514
DE000111011058	MGD	ORNELIA 15
		DE001015211905

SUB-005

Milk production data	SK 10/2018	Herds	34	Daug.	87	Rel.	93 %	SPI	1074
Number controls		BV		Milk		Fat		rank	257.
2195				53		19	0,31	SCS	3,57
						7	0,12	rank	1173.

Type data	SHA 10/2018	Herds	9 / 8	Daug.	21	78,9	Rel.	64 %	TYPE	0,73
								rank	242.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,66									
Angularity	0,55									
Chest Width	-1,00									
Body Depth	-1,72									
Rump Angle	-0,46									
Rear Legs Side View	-1,10									
Foot Angle	0,29									
Fore Udder Attachment	1,01									
Front Teat Placement	-0,91									
Teat Length	-0,41									
Rear Udder Height	2,03									
Rear Udder Width	2,09									
Central Ligament	1,18									
Udder Depth	1,88									
Rump Width	-1,00									
Rear Legs Rear View	1,52									
Rear Teat Placement	0,30									
Locomotion	1,99									
Body Condition	0,18									

daught. average

80,3	Frame	-0,30
76,8	Dairy Strength	-1,10
80,0	Feet & Legs	1,04
78,6	Udder	1,26
	SHI	61,8
	rank	223.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
HYLLTOP PRESLEY-RED-ET	CA000009781382	23.02.2008	BS-057
Country of origin	CA	Breed	R100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	28.10.2008
		US	DC218588

Pedigree

Sire	PGS	MARKIM THUNDER
DUDOC MR BURNS-ET		US000017144785
CA000100745543	PGD	GRANDUC MAGGIE STORM-ET
BS-047		CA000006873895
Dam	MGS	GEN-I-BEQ SALTO-ET
LORKA SALTO PIATA-RED-ET		CA000009243546
CA000103127001	MGD	DUDOC JLT PONTAGE-ET
		CA000009286558

Milk production data	SK 10/2018	Herds	49	Daug.	799	Rel.	98 %	SPI	1316
Number controls		BV		Milk		Fat	%	rank	211.
10615				68		21	0,33	SCS	3,02
						10	0,17	rank	586.

Type data	SHA 10/2018	Herds	33 / 12	Daug.	174	80,9	Rel.	90 %	TYPE	0,73
								rank	243.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	1,71									
Angularity	0,26									
Chest Width	0,60									
Body Depth	0,44									
Rump Angle	1,33									
Rear Legs Side View	-0,46									
Foot Angle	0,94									
Fore Udder Attachment	0,01									
Front Teat Placement	-0,17									
Teat Length	-1,65									
Rear Udder Height	-0,37									
Rear Udder Width	-0,74									
Central Ligament	-1,15									
Udder Depth	0,52									
Rump Width	2,04									
Rear Legs Rear View	0,10									
Rear Teat Placement	-0,67									
Locomotion	-2,49									
Body Condition	0,12									

daught. average

85,4	Frame	1,99
81,8	Dairy Strength	0,62
82,2	Feet & Legs	-0,21
77,6	Udder	-0,41
	SHI	69,0
	rank	197.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
TOMLU OMAN DOTSON-ET	US000135691067	19.06.2004	MED-017

Country of origin	US	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	20.01.2005
		US	HU2005002792

Pedigree

Sire	PGS	HA-HO CUBBY MANFRED-ET
O-BEE MANFRED JUSTICE-ET		US000002183007
US000122358313	PGD	MEIER-MEADOWS EL JEZEBEL-ET
MED-012		US000015459080
Dam	MGS	REGANCREST ELTON DURHAM-ET
TOMLU DURHAM DOT		US000002250783
US000129764377	MGD	TOMLU STORM DOTTIE
		US000018043666

Milk production data	SK 10/2018	Herds	14	Daug.	189	Rel.	96 %	SPI	4396
Number controls		BV		Milk		Fat	%	rank	11.
3887				1251		19	-0,46	SCS	3,35
						33	-0,10	rank	1011.

Type data	SHA 10/2018	Herds	35 / 7	Daug.	154	80,9	Rel.	91 %	TYPE	0,72
								rank	244.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,96									
Angularity	0,37									
Chest Width	0,07									
Body Depth	-0,04									
Rump Angle	0,40									
Rear Legs Side View	-2,02									
Foot Angle	1,67									
Fore Udder Attachment	0,24									
Front Teat Placement	0,71									
Teat Length	0,21									
Rear Udder Height	-1,22									
Rear Udder Width	-0,31									
Central Ligament	-0,83									
Udder Depth	-0,38									
Rump Width	0,26									
Rear Legs Rear View	0,58									
Rear Teat Placement	-0,76									
Locomotion	1,06									
Body Condition	-0,21									

daught. average

83,9	Frame	0,85
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80,4	Dairy Strength	0,32
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83,9	Feet & Legs	2,12
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78,1	Udder	-0,41
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	SHI	161,3
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rank 25.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
LENNY	NL000486734617	28.05.2007	BW-040
Country of origin	NL	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	02.01.2008
		NL	165837

Pedigree

Sire	PGS	MARA-THON BW MARSHALL-ET TV
JENNY-LOU MRSHL TOYSTORY-ET		US000002290977
US000060372887	PGD	JENNY-LOU PATRON TOYANE
BW-053		US000017313307
Dam	MGS	REGANCREST ELTON DURHAM-ET
MARKWELL DURHAM FLORRI-ET		US000002250783
US000060445555	MGD	MARKWELL PRELUDE ROZLYN-ET
		US000015802794

Milk production data	SK 10/2018	Herds	35	Daug.	140	Rel.	95 %	SPI	182
Number controls		BV		Milk		Fat	%	rank	427.
2881				71		-6	-0,17	4	0,03
								SCS	3,08
								rank	663.

Type data	SHA 10/2018	Herds	18 / 10	Daug.	46	80,0	Rel.	77 %	TYPE	0,71
								rank	245.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,60									
Angularity	-0,62									
Chest Width	0,78									
Body Depth	2,14									
Rump Angle	0,01									
Rear Legs Side View	-0,33									
Foot Angle	0,34									
Fore Udder Attachment	-0,11									
Front Teat Placement	-0,78									
Teat Length	0,43									
Rear Udder Height	0,05									
Rear Udder Width	0,31									
Central Ligament	0,13									
Udder Depth	0,50									
Rump Width	0,65									
Rear Legs Rear View	1,33									
Rear Teat Placement	0,76									
Locomotion	0,46									
Body Condition	0,34									

daught. average

84,8 **Frame** **1,12**

81,1 **Dairy Strength** **0,83**

81,5 **Feet & Legs** **0,73**

76,1 **Udder** **-0,17**

SHI **34,0**

rank 318.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
KINGS-RANSOM ERDMAN CRI-ET	US000065801539	22.02.2009	BS-066
Country of origin	US	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	20.04.2009
		US	M09051829

Pedigree

Sire	PGS	ROSE-BAUM TABOO-ET
ENSENADA TABOO PLANET-ET		US000017121203
US000060597003	PGD	PLUSHANSKI AMEL PATTY-ET
BS-050		US000130161039
Dam	MGS	RAMOS
KINGS-RANSOM RAMOS EKKY-ET		DE000341485350
US000061624353	MGD	KINGS-RANSOM BULLET EUNICE
		US000126402153

Milk production data	SK 10/2018	Herds	8	Daug.	149	Rel.	92 %	SPI	2863
Number controls		BV		Milk		Fat	%	Prot.	%
1180				729		20	-0,13	20	-0,05
								SCS	2,42
								rank	...
								rank	...

Type data	SHA 10/2018	Herds	11 / 4	Daug.	46	81,4	Rel.	73 %	TYPE	0,71
									rank	246.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,39									
Angularity	2,05									
Chest Width	-0,10									
Body Depth	-0,48									
Rump Angle	0,09									
Rear Legs Side View	0,22									
Foot Angle	-1,56									
Fore Udder Attachment	0,76									
Front Teat Placement	-0,03									
Teat Length	-1,30									
Rear Udder Height	1,08									
Rear Udder Width	1,64									
Central Ligament	-0,13									
Udder Depth	-0,19									
Rump Width	-1,95									
Rear Legs Rear View	0,63									
Rear Teat Placement	0,73									
Locomotion	1,06									
Body Condition	-1,16									

daught. average

83,3 **Frame** **-0,49**

81,9 **Dairy Strength** **1,21**

82,2 **Feet & Legs** **-0,49**

79,8 **Udder** **1,29**

SHI **114,7**

rank 85.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
D&D POT ARROW PAEDER-RED-ET	US000066086571	28.06.2009	JRD-003

Country of origin	US	Breed	R100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	21.05.2010
		US	M10065464

Pedigree

Sire	PGS	JA-BOB JORDAN-RED-ET
SURE-VIEW ARROW-RED-ET		US000017378279
US000134742751	PGD	SURE-VIEW RUDLF ASPIRIN-ET
		US000017314216
Dam	MGS	KEYSTONE POTTER
MI-RO-ZE POTTER PEBBLES-ET		US000128367894
US000052761814	MGD	MI-RO-ZE RUDOLPH MURPHY
		US000130570639

Milk production data	SK 10/2018	Herds	10	Daug.	97	Rel.	90 %	SPI	-1148
Number controls		BV		Milk		Fat		rank	725.
1505				-297		-13	-0,05	SCS	2,52
						-6	0,07	rank	90.

Type data	SHA 10/2018	Herds	6 / 2	Daug.	28	80,9	Rel.	63 %	TYPE	0,71
								rank	247.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	1,20									
Angularity	-1,46									
Chest Width	0,60									
Body Depth	-0,80									
Rump Angle	1,37									
Rear Legs Side View	-1,38									
Foot Angle	0,97									
Fore Udder Attachment	2,71									
Front Teat Placement	1,18									
Teat Length	-0,43									
Rear Udder Height	-0,14									
Rear Udder Width	-0,71									
Central Ligament	-1,15									
Udder Depth	2,27									
Rump Width	0,92									
Rear Legs Rear View	0,24									
Rear Teat Placement	-0,24									
Locomotion	-0,19									
Body Condition	1,40									

daught. average

86,1	Frame	1,28
80,1	Dairy Strength	-1,42
83,7	Feet & Legs	0,51
77,3	Udder	0,54
	SHI	-6,3
	rank	489.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
DG LXR SUPERCLASS	NL000611137630	31.12.2012	MED-059
Country of origin	NL	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	13.05.2013
		DE	13/6750

Pedigree

Sire	PGS	LONG-LANGS OMAN OMAN-ET
GENERATIONS LEXOR-ET		US000135746776
CA000011098658	PGD	COMESTAR GOLDWYN LILAC
		CA000103455285
Dam	MGS	CHARLESDALE SUPERSTITION-ET
ROSE SUPERSHOT		US000062065919
DE000536745399	MGD	RC CLASSIC
		DE000580590447

Milk production data	SK 10/2018	Herds	7	Daug.	78	Rel.	83 %	SPI	-1168
Number controls		BV	Milk	Fat	%	Prot.	%	rank	...
410			-436	-8	0,17	-6	0,18	SCS	2,19
								rank	...

Type data	SHA 10/2018	Herds	18 / 6	Daug.	42	82,2	Rel.	69 %	TYPE	0,71
								rank	248.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	1,73									
Angularity	0,91									
Chest Width	-0,76									
Body Depth	-0,30									
Rump Angle	-0,82									
Rear Legs Side View	1,29									
Foot Angle	-0,07									
Fore Udder Attachment	0,61									
Front Teat Placement	0,99									
Teat Length	-0,06									
Rear Udder Height	0,20									
Rear Udder Width	-1,28									
Central Ligament	2,31									
Udder Depth	0,95									
Rump Width	-1,40									
Rear Legs Rear View	-0,16									
Rear Teat Placement	0,70									
Locomotion	0,27									
Body Condition	-1,70									

daught. average

85,8	Frame	0,94
81,5	Dairy Strength	0,15
83,1	Feet & Legs	0,03
80,2	Udder	0,45
	SHI	-6,9
	rank	492.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
BY-MY BLITZ CADET-ET	US000060182858	04.05.2002	EMY-009
Country of origin	US	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	16.04.2007
		US	M07025753

Pedigree

Sire	PGS	MJR BLACKSTAR EMORY-ET
FUSTEAD EMORY BLITZ-ET		US000002114601
US000017013604	PGD	FUSTEAD TESK BEV
		US000014947858
Dam	MGS	KENJO PRESCOTT
BY-MY PRESCOTT CASSIE		US000002140171
US000017206003	MGD	BY-MY BLACKSTAR SAMANTHA
		US000014295778

Milk production data	SK 10/2018	Herds	27	Daug.	771	Rel.	99 %	SPI	992
Number controls		BV		Milk	Fat	%	Prot.	rank	281.
16108				534	3	-0,31	3	SCS	2,52
								rank	88.

Type data	SHA 10/2018	Herds	76 / 13	Daug.	471	81,2	Rel.	97 %	TYPE	0,71
								rank	249.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,91									
Angularity	0,90									
Chest Width	0,00									
Body Depth	0,62									
Rump Angle	0,68									
Rear Legs Side View	0,28									
Foot Angle	-0,43									
Fore Udder Attachment	1,87									
Front Teat Placement	-0,48									
Teat Length	0,34									
Rear Udder Height	1,51									
Rear Udder Width	-0,32									
Central Ligament	-0,48									
Udder Depth	1,84									
Rump Width	-0,36									
Rear Legs Rear View	-1,23									
Rear Teat Placement	-0,45									
Locomotion	-1,31									
Body Condition	-0,14									

daught. average

84,5	Frame	0,94
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81,4	Dairy Strength	1,22
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81,5	Feet & Legs	-1,36
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79,2	Udder	0,46
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	SHI	58,2
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rank 233.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
CLAYNOOK LODI RED-ET	CA00008964520	06.01.2008	BS-049
Country of origin	CA	Breed	R100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	22.05.2008
		CA	DC207916

Pedigree

Sire	PGS	MARKIM THUNDER
DUDOC MR BURNS-ET		US000017144785
CA000100745543	PGD	GRANDUC MAGGIE STORM-ET
BS-047		CA000006873895
Dam	MGS	LADINO PARK TALENT-IMP-ET
COMESTAR LAUSINTIA TALENT-ET		AU000000930377
CA000102482531	MGD	COMESTAR LAUSINDRA CONVINCER-ET
		CA000009194908

Milk production data	SK 10/2018	Herds	32	Daug.	235	Rel.	96 %	SPI	-1204
Number controls		BV		Milk		Fat	%	rank	736.
4419				-319		-12	-0,01	SCS	2,87
						-7	0,07	rank	376.

Type data	SHA 10/2018	Herds	7 / 3	Daug.	14	81,1	Rel.	50 %	TYPE	0,71
								rank	250.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	1,81									
Angularity	1,27									
Chest Width	-2,15									
Body Depth	-0,74									
Rump Angle	-0,05									
Rear Legs Side View	-0,05									
Foot Angle	0,11									
Fore Udder Attachment	0,67									
Front Teat Placement	0,68									
Teat Length	-0,85									
Rear Udder Height	1,07									
Rear Udder Width	1,02									
Central Ligament	0,21									
Udder Depth	1,62									
Rump Width	-0,53									
Rear Legs Rear View	0,42									
Rear Teat Placement	0,07									
Locomotion	-1,71									
Body Condition	-2,88									

daught. average

86,0	Frame	1,16
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81,4	Dairy Strength	-0,05
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81,6	Feet & Legs	-0,33
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78,3	Udder	0,98
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	SHI	-8,0
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rank 498.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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Bull name	Registration number	Birth date	State Register
DIAMOND-OAK FLINT-ET	US000132967761	20.04.2002	EMY-008
Country of origin	US	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	22.03.2006
		US	2514491

Pedigree

Sire	PGS	MJR BLACKSTAR EMORY-ET
FUSTEAD EMORY BLITZ-ET		US000002114601
US000017013604	PGD	FUSTEAD TESK BEV
		US000014947858
Dam	MGS	STARTMORE RUDOLPH-ET
ASKEW RUDOLPH AMANDA-ET		CA000005470579
US000018058458	MGD	DIAMONT-OAKMAFTON-ET
		US000015112160

Milk production data	SK 10/2018	Herds	22	Daug.	306	Rel.	98 %	SPI	-209
Number controls		BV		Milk		Fat	%	Prot.	%
5922				232	-3	-0,22	-7	-0,30	SCS
									rank
									499.
									rank
									487.

Type data	SHA 10/2018	Herds	38 / 11	Daug.	123	80,1	Rel.	89 %	TYPE	0,71
									rank	251.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	1,20									
Angularity	0,95									
Chest Width	-0,82									
Body Depth	-0,27									
Rump Angle	1,11									
Rear Legs Side View	0,45									
Foot Angle	0,41									
Fore Udder Attachment	0,21									
Front Teat Placement	-1,28									
Teat Length	-0,74									
Rear Udder Height	0,79									
Rear Udder Width	0,28									
Central Ligament	-0,46									
Udder Depth	0,69									
Rump Width	-1,23									
Rear Legs Rear View	2,13									
Rear Teat Placement	-0,33									
Locomotion	-0,73									
Body Condition	-1,05									

daught. average

83,8	Frame	0,75
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80,6	Dairy Strength	0,29
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81,3	Feet & Legs	0,30
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77,5	Udder	0,30
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	SHI	22,0
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rank 362.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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Bull name	Registration number	Birth date	State Register
CAVA-LANES DOTSON DR D-ET	US000140499111	19.01.2010	MED-052
Country of origin	US	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	09.09.2010
		US	M10068421

Pedigree

Sire	PGS	O-BEE MANFRED JUSTICE-ET
TOMLU OMAN DOTSON-ET		US000122358313
US000135691067		MED-012
MED-017	PGD	TOMLU DURHAM DOT
		US000129764377
Dam	MGS	BRAEDALE GOLDWYN-ET
MS-CAVA-LANES GOLD DEBRA-ET		CA000010705608
US000137761089		GAD-002
	MGD	REGANCREST-JDV DOREE-ET
		US000060602189

Milk production data	SK 10/2018	Herds	2	Daug.	53	Rel.	78 %	SPI	708
Number controls		BV		Milk	Fat	%	Prot.	%	rank
239				103	5	0,01	7	0,07	SCS
									rank
									...

Type data	SHA 10/2018	Herds	5 / 2	Daug.	28	80,9	Rel.	65 %	TYPE	0,70
									rank	252.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,39									
Angularity	0,22									
Chest Width	-0,79									
Body Depth	-0,17									
Rump Angle	0,23									
Rear Legs Side View	-0,29									
Foot Angle	0,52									
Fore Udder Attachment	1,30									
Front Teat Placement	0,40									
Teat Length	-0,99									
Rear Udder Height	0,29									
Rear Udder Width	-0,64									
Central Ligament	-1,17									
Udder Depth	0,13									
Rump Width	-0,28									
Rear Legs Rear View	-0,28									
Rear Teat Placement	-0,78									
Locomotion	0,78									
Body Condition	-0,95									

daught. average

83,9	Frame	0,14
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79,6	Dairy Strength	-0,21
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82,9	Feet & Legs	1,16
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78,7	Udder	0,43
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	SHI	49,4
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rank 265.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
LEXVOLD DEMAND HOMER-ET	US000050453235	19.06.1999	DED-002
Country of origin	US	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	30.11.1999
		USA	IG256585A

Pedigree

Sire	PGS	ROTHROCK TRADITION LEADMAN
PAULO-BRO RTL DEMAND TCG-ET	US000001983348	TDN-004
US000002193272	PGD	PAULO-BRO MARK DELIGHT 3206-ET
	US000012798676	
Dam	MGS	MAIZEFIELD BELLWOOD-ET
LEXVOLD BELLWOOD HO-HO-ET	US000002103297	MEW-004
US000015971369	MGD	LEXVOLD BLACKSTAR POPPYB-ET
	US000014250458	

Milk production data	SK 10/2018	Herds	39	Daug.	101	Rel.	93 %	SPI	2237
Number controls		BV		Milk		Fat		%	Prot.
1973				577		24		0,01	12
								-0,11	SCS
									2,89
									rank
									99.
									rank
									417.

Type data	SHA 10/2018	Herds	16 / 10	Daug.	48	77,9	Rel.	76 %	TYPE	0,69
									rank	253.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,48									
Angularity	1,41									
Chest Width	-1,29									
Body Depth	-0,09									
Rump Angle	-0,51									
Rear Legs Side View	-0,01									
Foot Angle	0,54									
Fore Udder Attachment	-1,08									
Front Teat Placement	-0,81									
Teat Length	1,56									
Rear Udder Height	0,68									
Rear Udder Width	0,87									
Central Ligament	0,73									
Udder Depth	-0,55									
Rump Width	-0,58									
Rear Legs Rear View	-0,94									
Rear Teat Placement	-0,24									
Locomotion	-0,36									
Body Condition	-1,47									

daught. average

79,3	Frame	0,03
77,8	Dairy Strength	1,16
77,8	Feet & Legs	0,12
77,1	Udder	0,60
	SHI	95,2
	rank	126.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
TESIL-ET	SK000046811853	18.03.1995	TES-005
Country of origin	SK	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	

Pedigree

Sire	PGS	S-W-D VALIANT
TESK-HOLM VALIANT ROCKIE		US000001650414
US000001841366	PGD	HOUVALE APOLLO GAIL
VAL-016		US000008985852
Dam	MGS	LEKKER IVANHOE BELL JESSE-ET
RUANN JESSE LORELEI 88207-ET		US000001842389
US0000013350496	MGD	RUANN GOLDEN NUGGET LASS
		US0000010532369

Milk production data	SK 10/2018	Herds	44	Daug.	144	Rel.	95 %	SPI	-1556
Number controls		BV		Milk		Fat	%	Prot.	%
2936				-381		-9	0,10	-12	-0,01
								SCS	3,33
								rank	828.
								rank	989.

Type data	SHA 10/2018	Herds	14 / 9	Daug.	21	77,7	Rel.	70 %	TYPE	0,69
									rank	254.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,32									
Angularity	-0,53									
Chest Width	1,81									
Body Depth	0,25									
Rump Angle	1,81									
Rear Legs Side View	-1,02									
Foot Angle	1,54									
Fore Udder Attachment	-0,62									
Front Teat Placement	0,36									
Teat Length	1,06									
Rear Udder Height	-0,12									
Rear Udder Width	0,24									
Central Ligament	1,23									
Udder Depth	0,32									
Rump Width	0,69									
Rear Legs Rear View	1,02									
Rear Teat Placement	-0,59									
Locomotion	-0,84									
Body Condition	0,83									

daught. average

80,6	Frame	0,75
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73,5	Dairy Strength	0,01
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80,6	Feet & Legs	1,29
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77,1	Udder	0,18
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	SHI	-19,1
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rank 551.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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Bull name	Registration number	Birth date	State Register
EMERALD-ACR-SA T-VISION-ET	US000129655028	19.01.2000	ELN-003
Country of origin	US	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	07.09.2000
		USA	IG264123A

Pedigree

Sire	PGS	EMPRISE BELL ELTON
WA-DEL CONVINCER-ET		US000001912270
US000002249055	PGD	WA-DEL CLEITUS CINDY-ET
ELN-002		US000013372706
Dam	MGS	LUTZ-MEADOWS E MANDEL-ET
EMERALD-ACR-SA TOOT-ET		US000002119526
US000017077105	MGD	EMERALD-ACR-SA TULIP-ET
		US000014738810

Milk production data	SK 10/2018	Herds	40	Daug.	90	Rel.	92 %	SPI	569
Number controls		BV		Milk		Fat		rank	354.
1780				212		5	-0,07	SCS	3,60
						2	-0,10	rank	1190.

Type data	SHA 10/2018	Herds	18 / 12	Daug.	31	78,3	Rel.	69 %	TYPE	0,69
								rank	255.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,55									
Angularity	1,34									
Chest Width	-1,26									
Body Depth	-0,88									
Rump Angle	-1,45									
Rear Legs Side View	0,13									
Foot Angle	0,64									
Fore Udder Attachment	-0,06									
Front Teat Placement	1,09									
Teat Length	-0,86									
Rear Udder Height	0,04									
Rear Udder Width	-0,03									
Central Ligament	0,54									
Udder Depth	0,39									
Rump Width	-1,55									
Rear Legs Rear View	0,13									
Rear Teat Placement	3,07									
Locomotion	1,21									
Body Condition	-1,47									

daught. average

80,5	Frame	-0,22
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78,7	Dairy Strength	0,79
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78,4	Feet & Legs	1,08
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76,8	Udder	0,59
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	SHI	44,9
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rank 280.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
SIEMERS LEADING DICTATOR-ET	US000002171645	12.06.1991	LAD-011

Country of origin	US	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	25.11.1991
		USA	IG162595C

Pedigree

Sire	PGS	SWEET-HAVEN TRADITION
ROTHROCK TRADITION LEADMAN		US000001682485
US000001983348	PGD	WALKUP VALIANT LOU ELLA
TDN-004		US000010930744
Dam	MGS	CARLIN-M IVANHOE BELL
BUDJON BELL DEMAND		US000001667366
US0000011784688	MGD	BUDJON SEXATION ANGIE
		US000010920264

Milk production data	SK 10/2018	Herds	85	Daug.	892	Rel.	99 %	SPI	1578
Number controls		BV		Milk		Fat	%	rank	162.
18647				339		15	0,02	SCS	3,60
								rank	1189.

Type data	SHA 10/2018	Herds	76 / 30	Daug.	414	77,6	Rel.	96 %	TYPE	0,69
								rank	256.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	1,30									
Angularity	1,19									
Chest Width	-0,18									
Body Depth	-0,74									
Rump Angle	1,06									
Rear Legs Side View	-0,82									
Foot Angle	-0,47									
Fore Udder Attachment	0,26									
Front Teat Placement	0,21									
Teat Length	0,49									
Rear Udder Height	0,18									
Rear Udder Width	-1,08									
Central Ligament	1,41									
Udder Depth	1,47									
Rump Width	1,83									
Rear Legs Rear View	-0,96									
Rear Teat Placement	0,52									
Locomotion	-1,97									
Body Condition	-0,71									

daught. average	80,9	Frame	1,05
	76,4	Dairy Strength	1,20
	77,0	Feet & Legs	-0,81
	76,9	Udder	0,32
		SHI	75,2
		rank	176.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
KED JUROR-ET	US000002124357	01.01.1990	BS-017
Country of origin	US	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	20.07.1990
		USA	IG142021B

Pedigree

Sire	PGS	CAL-CLARK BOARD CHAIRMAN
TO-MAR BLACKSTAR-ET		US000001723741
US000001929410	PGD	TO-MAR WAYNE HAY
CHR-002		US000009804790
Dam	MGS	WALKWAY CHIEF MARK
KED MARK JUSTINE		US000001773417
US000012750091	MGD	KED SEXATION JASMINE
		US000012146429

Milk production data	SK 10/2018	Herds	53	Daug.	316	Rel.	98 %	SPI	-774
Number controls		BV		Milk		Prot.		rank	636.
6125				-104	-2	0,03	-9	SCS	3,05
								rank	627.

Type data	SHA 10/2018	Herds	38 / 18	Daug.	77	77,0	Rel.	88 %	TYPE	0,68
								rank	257.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	1,01									
Angularity	0,14									
Chest Width	0,85									
Body Depth	1,42									
Rump Angle	0,00									
Rear Legs Side View	1,57									
Foot Angle	-0,48									
Fore Udder Attachment	0,60									
Front Teat Placement	2,25									
Teat Length	1,10									
Rear Udder Height	-0,48									
Rear Udder Width	-0,46									
Central Ligament	-0,09									
Udder Depth	0,88									
Rump Width	1,25									
Rear Legs Rear View	-2,13									
Rear Teat Placement	0,75									
Locomotion	-1,05									
Body Condition	-0,60									

daught. average

80,8 **Frame** **1,39**

75,2 **Dairy Strength** **1,09**

75,3 **Feet & Legs** **-1,65**

76,6 **Udder** **0,44**

SHI **4,0**

rank 449.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
BLOK-BROS LOUIS-ET	US000017085075	07.06.1995	MNL-002
Country of origin	US	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	18.10.1996
		USA	381027

Pedigree

Sire	PGS	EXELS S-W-D EAGLE
LUTZ-MEADOWS E MANDEL-ET		US000001858047
US000002119526	PGD	LUTZ-MEADOWS MARK MEDLEY-ET
		US000012593031
Dam	MGS	TO-MAR BLACKSTAR-ET
BLOK-BROS BS VI LONNIE-ET		US000001929410
US000014050266	MGD	TWIN-OAKES BELL VICKI
		US000011539078

Milk production data	SK 10/2018	Herds	11	Daug.	117	Rel.	94 %	SPI	8
Number controls		BV		Milk		Prot.		rank	464.
2363				-112	7	0,20	-0	SCS	3,61
								rank	1193.

Type data	SHA 10/2018	Herds	5 / 4	Daug.	16	78,5	Rel.	57 %	TYPE	0,68
								rank	258.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,05									
Angularity	0,48									
Chest Width	-0,55									
Body Depth	1,80									
Rump Angle	-1,02									
Rear Legs Side View	0,31									
Foot Angle	1,00									
Fore Udder Attachment	-0,41									
Front Teat Placement	0,07									
Teat Length	0,72									
Rear Udder Height	-0,35									
Rear Udder Width	-0,21									
Central Ligament	1,00									
Udder Depth	0,10									
Rump Width	0,98									
Rear Legs Rear View	0,85									
Rear Teat Placement	-0,28									
Locomotion	1,16									
Body Condition	-0,82									

daught. average

82,0	Frame	0,26
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78,2	Dairy Strength	0,80
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80,7	Feet & Legs	0,97
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75,9	Udder	0,19
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	SHI	27,5
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rank 335.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
TABLEAU	DE000768555470	26.05.2004	SOM-030
Country of origin	DE	Breed	R100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	03.08.2004
		DE	04/39747

Pedigree

Sire	PGS	MAUGHLIN STORM-ET
LADINO PARK TALENT-IMP-ET		CA000005457798
AU000000930377	PGD	MARKWELL LEADER ROSE-ET
		US000015804313
Dam	MGS	FABER RED-ET
DOLDE 91		DE000340174036
DE000768156501	MGD	DOLORES
		DE000767817919

Milk production data	SK 10/2018	Herds	69	Daug.	1775	Rel.	99 %	SPI	-1505
Number controls		BV		Milk		Fat	%	rank	815.
31827				-335		-32	-0,39	SCS	2,60
						-3	0,17	rank	128.

Type data	SHA 10/2018	Herds	65 / 14	Daug.	576	80,7	Rel.	97 %	TYPE	0,68
								rank	259.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,69									
Angularity	1,03									
Chest Width	-1,61									
Body Depth	-0,73									
Rump Angle	1,29									
Rear Legs Side View	-0,84									
Foot Angle	0,41									
Fore Udder Attachment	0,89									
Front Teat Placement	1,02									
Teat Length	-1,18									
Rear Udder Height	2,26									
Rear Udder Width	0,65									
Central Ligament	1,19									
Udder Depth	0,87									
Rump Width	-1,95									
Rear Legs Rear View	-0,67									
Rear Teat Placement	0,73									
Locomotion	0,08									
Body Condition	-1,65									

daught. average

82,0	Frame	-1,14
81,3	Dairy Strength	-0,34
82,0	Feet & Legs	0,46
79,0	Udder	2,19
	SHI	-18,2
	rank	546.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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Bull name	Registration number	Birth date	State Register
TEXUS	DE000348555246	05.03.2005	SOM-014
Country of origin	DE	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	26.05.2005
		DE	05/37616

Pedigree

Sire	PGS	MAUGHLIN STORM-ET
HARTLINE TITANIC-ET		CA000005457798
US000123066734	PGD	DOCO LEADMAN TENACIOUS
SOM-007		US000014734618
Dam	MGS	BONATUS
PENNY 16		DE001021098657
DE000342409876	MGD	PARADE
		DE001021207126

Milk production data	SK 10/2018	Herds	26	Daug.	88	Rel.	92 %	SPI	-1162
Number controls		BV		Milk		Fat	%	rank	730.
1461				-422		-3	0,24	SCS	2,47
							-7	rank	75.
							0,13		

Type data	SHA 10/2018	Herds	6 / 5	Daug.	11	78,2	Rel.	50 %	TYPE	0,68
								rank	260.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	1,33									
Angularity	0,58									
Chest Width	-1,87									
Body Depth	-1,11									
Rump Angle	-0,47									
Rear Legs Side View	-1,10									
Foot Angle	1,43									
Fore Udder Attachment	-0,31									
Front Teat Placement	1,12									
Teat Length	0,25									
Rear Udder Height	1,71									
Rear Udder Width	0,67									
Central Ligament	-0,54									
Udder Depth	0,21									
Rump Width	-0,79									
Rear Legs Rear View	1,58									
Rear Teat Placement	0,03									
Locomotion	0,23									
Body Condition	-0,98									

daught. average

82,8	Frame	0,36
77,5	Dairy Strength	-0,44
78,8	Feet & Legs	1,24
75,7	Udder	0,48
	SHI	-7,9
	rank	497.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

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Bull name	Registration number	Birth date	State Register
SYNERGY ALTAJENKINS	US000064410464	22.11.2007	BW-056
Country of origin	US	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	30.10.2008
		US	MO8045245

Pedigree

Sire	PGS	MARA-THON BW MARSHALL-ET TV
REGANCREST-HHF MAC-ET		US000002290977
US000060540164	PGD	REGANCREST RUDOLPH DENA-ET
		US000017391080
Dam	MGS	PICSTON SHOTTLE-ET
APPLOUIS SHOTTLE JOSIE-ET		GB000000598172
US000062499253	MGD	APPLOUIS GARTER JOY-ET
		US000133505719

Milk production data	SK 10/2018	Herds	21	Daug.	784	Rel.	98 %	SPI	1263
Number controls		BV		Milk		Fat		rank	220.
9533				444		7	-0,18	SCS	2,43
						7	-0,14	rank	57.

Type data	SHA 10/2018	Herds	21 / 6	Daug.	189	81,3	Rel.	91 %	TYPE	0,67
								rank	261.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	1,20									
Angularity	0,78									
Chest Width	-0,54									
Body Depth	0,20									
Rump Angle	0,54									
Rear Legs Side View	-0,05									
Foot Angle	0,25									
Fore Udder Attachment	1,80									
Front Teat Placement	0,98									
Teat Length	-0,34									
Rear Udder Height	0,73									
Rear Udder Width	-1,78									
Central Ligament	0,60									
Udder Depth	2,43									
Rump Width	-1,35									
Rear Legs Rear View	0,59									
Rear Teat Placement	0,49									
Locomotion	0,40									
Body Condition	-0,93									

daught. average

84,7 **Frame** **0,92**

81,9 **Dairy Strength** **0,41**

83,1 **Feet & Legs** **0,83**

78,5 **Udder** **-0,03**

SHI **65,0**

rank 213.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
UFM-DUBS OLEGANT-ET	US000062658255	22.08.2006	BW-049
Country of origin	US	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	23.04.2007
		US	M07026152

Pedigree

Sire	PGS	MARA-THON BW MARSHALL-ET TV
HONEYCREST ELEGANT-ET		US000002290977
US000130629351	PGD	HONEYCREST PATRON TANYA-ET
		US000018001494
Dam	MGS	O-BEE MANFRED JUSTICE-ET
UFM-DUBS OROY		US000122358313
US000135675834	MGD	UFM-DUBS EROY
		US000133313891

Milk production data	SK 10/2018	Herds	59	Daug.	1916	Rel.	99 %	SPI	2625
Number controls		BV		Milk		Prot.		rank	68.
33578				771	10	-0,33	20	SCS	2,55
								rank	104.

Type data	SHA 10/2018	Herds	170 / 27	Daug.	928	81,5	Rel.	98 %	TYPE	0,67
								rank	262.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	2,20									
Angularity	2,03									
Chest Width	-1,84									
Body Depth	-2,47									
Rump Angle	2,98									
Rear Legs Side View	0,03									
Foot Angle	-0,23									
Fore Udder Attachment	1,00									
Front Teat Placement	1,10									
Teat Length	-0,47									
Rear Udder Height	1,91									
Rear Udder Width	0,22									
Central Ligament	0,36									
Udder Depth	2,37									
Rump Width	-1,62									
Rear Legs Rear View	0,37									
Rear Teat Placement	0,23									
Locomotion	0,16									
Body Condition	-1,65									

daught. average

85,6	Frame	1,01
81,2	Dairy Strength	-0,53
82,5	Feet & Legs	-0,14
79,2	Udder	0,64
	SHI	106,0
	rank	99.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
MEDIANO-ET	DE000000668765	28.08.1998	MEO-001
Country of origin	DE	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	09.11.1998
		DEU	98/12636

Pedigree

Sire	PGS	OSDEL-ENDEAVOR BOVA CUBBY
JO-WAL CUBBY METRO-ET	US000001986164	BA-002
US000002191266	PGD	JO-WAL CLEITUS MACEY-ET
	US000013463545	
Dam	MGS	NORRIELAKE CLEITUS LUKE-TWIN
SNICKERS 52	US000002071864	CLE-005
DE000576396525	MGD	STEFF 42
	DE000728046209	

Milk production data	SK 10/2018	Herds	44	Daug.	90	Rel.	92 %	SPI	-486
Number controls		BV		Milk	Fat	%	Prot.	%	rank
1779				-169	1	0,13	-4	0,02	SCS
									rank
									564.
									2,76
									rank
									250.

Type data	SHA 10/2018	Herds	14 / 13	Daug.	29	78,1	Rel.	65 %	TYPE	0,67
									rank	263.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,33									
Angularity	-0,74									
Chest Width	0,86									
Body Depth	0,56									
Rump Angle	-0,68									
Rear Legs Side View	0,55									
Foot Angle	1,12									
Fore Udder Attachment	0,67									
Front Teat Placement	0,18									
Teat Length	0,61									
Rear Udder Height	-0,12									
Rear Udder Width	0,23									
Central Ligament	-1,27									
Udder Depth	0,92									
Rump Width	-0,18									
Rear Legs Rear View	0,94									
Rear Teat Placement	-1,24									
Locomotion	-0,94									
Body Condition	0,22									

daught. average

80,5	Frame	0,60
76,5	Dairy Strength	-0,22
79,5	Feet & Legs	1,54
76,8	Udder	-0,11
	SHI	12,2
	rank	411.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
SBS LUKE LUSK-ET	SK000070007852	04.04.1996	LU-007
Country of origin	SK	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	24.10.1996
		SVK	0218/19

Pedigree

Sire	PGS	BIS-MAY TRADITION CLEITUS
NORRIELAKE CLEITUS LUKE-TWIN		US000001879085
US000002071864		CLE-003
CLE-005	PGD	NORRIELAKE VALIANT CHEER-ET
		US000012365669
Dam	MGS	BIS-MAY TRADITION CLEITUS
RIPVALLEY CLEITUS RITZY		US000001879085
US000013783492		CLE-003
	MGD	RIPVALLEY BOOTNECK REBA
		US000011747043

Milk production data	SK 10/2018	Herds	68	Daug.	479	Rel.	98 %	SPI	-858
Number controls		BV		Milk		Fat		rank	652.
10386				-141		-9	-0,08	SCS	3,13
						-7	-0,05	rank	726.

Type data	SHA 10/2018	Herds	21 / 17	Daug.	101	77,2	Rel.	88 %	TYPE	0,67
								rank	264.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,12									
Angularity	0,15									
Chest Width	0,73									
Body Depth	1,44									
Rump Angle	0,72									
Rear Legs Side View	-1,70									
Foot Angle	2,32									
Fore Udder Attachment	-0,66									
Front Teat Placement	0,13									
Teat Length	-0,82									
Rear Udder Height	-1,49									
Rear Udder Width	-0,53									
Central Ligament	0,18									
Udder Depth	-0,61									
Rump Width	0,75									
Rear Legs Rear View	1,45									
Rear Teat Placement	-0,30									
Locomotion	-0,23									
Body Condition	1,60									

daught. average

80,4	Frame	0,16
76,5	Dairy Strength	0,78
78,3	Feet & Legs	2,69
75,5	Udder	-0,32
	SHI	1,0
	rank	458.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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Bull name	Registration number	Birth date	State Register
KINGS-RANSOM DONAIRO-ET	US000061488652	29.06.2004	ELL-006
Country of origin	US	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	14.04.2005
		CA	HU2005004888

Pedigree

Sire	PGS	ETAZON LORD LILY-ET NL000780180664
MOET LOOKOUT-ET GB000000587438	PGD	MOET SLOCUM KIZZY A-ET GB000008905109
Dam	MGS	CAROL PRELUDE MTOTO-ET IT006001001962
PEN-COL MTOTO DIMA-ET US000060082221	MGD	PEN-COL COMMOTION DEANNA US000015880851

Milk production data	SK 10/2018	Herds	59	Daug.	1475	Rel.	99 %	SPI	2696
Number controls		BV		Milk		Fat		rank	63.
32090				1077		7	-0,55	SCS	2,49
								rank	82.

Type data	SHA 10/2018	Herds	56 / 18	Daug.	351	80,8	Rel.	96 %	TYPE	0,67
								rank	265.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,05									
Angularity	0,32									
Chest Width	-0,86									
Body Depth	-2,18									
Rump Angle	0,51									
Rear Legs Side View	-0,81									
Foot Angle	-0,59									
Fore Udder Attachment	1,80									
Front Teat Placement	0,07									
Teat Length	-0,29									
Rear Udder Height	1,76									
Rear Udder Width	1,49									
Central Ligament	0,48									
Udder Depth	0,91									
Rump Width	-1,13									
Rear Legs Rear View	1,08									
Rear Teat Placement	0,75									
Locomotion	1,53									
Body Condition	-0,79									

daught. average

83,8	Frame	-0,56
80,4	Dairy Strength	-1,34
82,4	Feet & Legs	0,72
78,8	Udder	2,05
	SHI	108,0
	rank	95.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
CANYON-BREEZE ALASKA-ET	US000062494312	08.03.2005	LUS-013

Country of origin	US	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	04.05.2006
		CA	DC161562

Pedigree

Sire	PGS	LUKAS
LAUDAN-ET		DE001012104370
DE000578448776	PGD	BRISANZ 1
		DE000576302497
Dam	MGS	MARA-THON BW MARSHALL-ET TV
CANYON-BREEZE MAR ADDISON		US000002290977
US000060760433	MGD	CANYON-BREEZE STRM ASHES-ET
		US000129869193

Milk production data	SK 10/2018	Herds	13	Daug.	128	Rel.	94 %	SPI	311
Number controls		BV		Milk		Fat	%	rank	397.
2410				354		-23	-0,65	7	-0,09
								SCS	2,90
								rank	431.

Type data	SHA 10/2018	Herds	6 / 3	Daug.	20	80,3	Rel.	59 %	TYPE	0,66
								rank	266.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	1,31									
Angularity	0,69									
Chest Width	-0,54									
Body Depth	-1,54									
Rump Angle	0,53									
Rear Legs Side View	-1,58									
Foot Angle	0,96									
Fore Udder Attachment	0,42									
Front Teat Placement	1,46									
Teat Length	-1,28									
Rear Udder Height	0,55									
Rear Udder Width	0,37									
Central Ligament	0,22									
Udder Depth	1,00									
Rump Width	0,78									
Rear Legs Rear View	1,30									
Rear Teat Placement	1,50									
Locomotion	-0,22									
Body Condition	-0,95									

daught. average

84,6	Frame	1,05
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79,3	Dairy Strength	-0,29
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82,1	Feet & Legs	0,87
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77,9	Udder	0,39
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	SHI	35,9
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rank 314.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
EXPLOZ	FR008562703856	25.01.2009	BW-043
Country of origin	FR	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	08.07.2010
		FR	F/S 527006

Pedigree

Sire	PGS	SILDAHL BW DUTCH BOY-ET
TARTARE		US000017058140
FR003523841620	PGD	ROMANCE 64
		FR003523841564
Dam	MGS	PICSTON SHOTTLE-ET
BELLE		GB000000598172
FR008562703528	MGD	ULTIME
		FR008562703111

Milk production data	SK 10/2018	Herds	15	Daug.	95	Rel.	91 %	SPI	505
Number controls		BV		Milk	Fat	%	Prot.	%	rank
1794				-201	15	0,42	6	0,27	SCS
									rank
									360.
									818.

Type data	SHA 10/2018	Herds	8 / 4	Daug.	52	79,7	Rel.	75 %	TYPE	0,66
									rank	267.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,72									
Angularity	-0,08									
Chest Width	0,76									
Body Depth	0,02									
Rump Angle	1,23									
Rear Legs Side View	0,18									
Foot Angle	1,15									
Fore Udder Attachment	-0,57									
Front Teat Placement	-0,72									
Teat Length	-0,63									
Rear Udder Height	0,39									
Rear Udder Width	0,62									
Central Ligament	-0,04									
Udder Depth	-0,73									
Rump Width	0,76									
Rear Legs Rear View	-0,18									
Rear Teat Placement	-0,76									
Locomotion	0,76									
Body Condition	0,44									

daught. average

83,3	Frame	-0,37
80,7	Dairy Strength	0,29
80,8	Feet & Legs	1,05
76,9	Udder	0,84
	SHI	41,6
	rank	291.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
MONUMENT KENETH-ET	US000062229995	23.05.2004	FOM-027

Country of origin	US	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	19.04.2005
		CA	DC137687

Pedigree

Sire	PGS	SHEN-VAL NV LM FORMATION-ET
STOUDER MORTY-ET		US000002163822 LAD-009
US000017349617	PGD	CRACIN AEROSTAR MELISSA
FOM-004		US000015172400
Dam	MGS	REGANCREST ELTON DURHAM-ET
DERONDA DURHAM JESSIE		US000002250783
US000131791710	MGD	WILCOXVIEW LEE JAMIE-ET
		US000128620841

Milk production data	SK 10/2018	Herds	12	Daug.	285	Rel.	97 %	SPI	874
Number controls		BV		Milk		Fat	%	rank	298.
5144				418		1	-0,28	4	-0,18
								SCS	2,84
								rank	350.

Type data	SHA 10/2018	Herds	6 / 2	Daug.	34	80,1	Rel.	69 %	TYPE	0,66
								rank	268.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,13									
Angularity	1,53									
Chest Width	-1,01									
Body Depth	0,22									
Rump Angle	-0,47									
Rear Legs Side View	0,37									
Foot Angle	0,40									
Fore Udder Attachment	0,35									
Front Teat Placement	0,68									
Teat Length	-0,69									
Rear Udder Height	0,65									
Rear Udder Width	-0,22									
Central Ligament	0,62									
Udder Depth	0,36									
Rump Width	-0,16									
Rear Legs Rear View	-2,18									
Rear Teat Placement	0,95									
Locomotion	0,54									
Body Condition	-0,49									

daught. average

84,6	Frame	0,07
82,3	Dairy Strength	1,09
81,3	Feet & Legs	0,43
76,3	Udder	0,44
	SHI	52,7
	rank	252.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
WESLEY	DE000111477614	28.03.1998	WNL-001
Country of origin	DE	Breed	R100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	15.05.1998
		DEU	98/6831

Pedigree

Sire STRATHAIRE SOUTHWIND LUKE-ET
AU000A00007327

PGS SOUTHWIND BELL OF BAR-LEE
US000001964484 **BEL-001**

PGD INS CHARITY
AU000000462731

Dam VIKTORIA 61
DE000110084416

MGS MAIZEFIELD BELLWOOD-ET
US000002103297 **MEW-004**

MGD RESI 29
DE000107872738

Milk production data	SK 10/2018	Herds	139	Daug.	3186	Rel.	99 %	SPI	-1236
Number controls		BV		Milk		Fat		rank	740.
63502				-344		-9	0,07	SCS	2,77
						-8	0,06	rank	265.

Type data	SHA 10/2018	Herds	57 / 23	Daug.	439	78,2	Rel.	97 %	TYPE	0,65
								rank	269.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,34					■				
Angularity	-0,34					■				
Chest Width	0,19						■			
Body Depth	1,43							■		
Rump Angle	-0,39					■				
Rear Legs Side View	0,28						■			
Foot Angle	0,71							■		
Fore Udder Attachment	-0,23					■				
Front Teat Placement	-0,95								■	
Teat Length	1,87									■
Rear Udder Height	0,44						■			
Rear Udder Width	1,63									■
Central Ligament	0,12									■
Udder Depth	-0,48					■				
Rump Width	0,61								■	
Rear Legs Rear View	0,42								■	
Rear Teat Placement	0,47								■	
Locomotion	0,97									■
Body Condition	0,13									■

daught. average

80,5 **Frame** **-0,09**

78,8 **Dairy Strength** **0,31**

79,1 **Feet & Legs** **1,21**

76,3 **Udder** **0,59**

SHI **-11,1**

rank 511.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

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Bull name	Registration number	Birth date	State Register
LADYS-MANOR AURORA	US000137002937	17.10.2005	GAD-004
Country of origin	US	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	17.08.2006
		CA	DC167897

Pedigree

Sire	PGS	SHOREMAR JAMES
BRAEDALE GOLDWYN-ET		CA000005902195
CA000010705608	PGD	BRAEDALE BALER TWINE-ET
GAD-002		CA000006860888
Dam	MGS	CALBRETT-I H H CHAMPION-ET
LADYS-MANOR AURELIA-ET		CA000006961162
US000061521961	MGD	LADYS-MANOR AUTUMN
		US000060093782
		RUH-002

Milk production data	SK 10/2018	Herds	29	Daug.	669	Rel.	99 %	SPI	-773
Number controls		BV		Milk		Fat	%	Prot.	%
12848				-304	2	0,26	-6	0,07	rank
									634.
								SCS	2,80
								rank	314.

Type data	SHA 10/2018	Herds	32 / 8	Daug.	195	80,1	Rel.	92 %	TYPE	0,65
									rank	270.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,48									
Angularity	1,54									
Chest Width	-1,26									
Body Depth	-0,63									
Rump Angle	0,61									
Rear Legs Side View	-0,14									
Foot Angle	0,50									
Fore Udder Attachment	0,41									
Front Teat Placement	0,46									
Teat Length	-1,02									
Rear Udder Height	1,52									
Rear Udder Width	0,78									
Central Ligament	0,14									
Udder Depth	0,90									
Rump Width	-1,25									
Rear Legs Rear View	0,05									
Rear Teat Placement	0,44									
Locomotion	0,82									
Body Condition	-1,28									

daught. average

83,0	Frame	0,02
80,9	Dairy Strength	0,45
81,0	Feet & Legs	0,44
77,8	Udder	0,78
	SHI	2,9
	rank	454.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
CHARTROISE STEFAN	DE00000669392	09.09.1999	DEC-001
Country of origin	NL	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	25.08.2000
		NLD	247484357

Pedigree

Sire	PGS	HOW-EL-ACRES KIRK BELLMAN-ET
PEN-COL DECISION-ET		US000001874634
US000002217212	PGD	PEN-COL BLACKSTAR DOLLY-ET
		US000014299930
Dam	MGS	ETAZON JIMTOWN
STEFFY		NL000960250666
NL000180978609	MGD	TIDY-BROOK SPICY-ET
		US000015352615

Milk production data	SK 10/2018	Herds	43	Daug.	104	Rel.	94 %	SPI	561
Number controls		BV		Milk		Fat		rank	356.
2236				187		-17	-0,46	12	0,13
								SCS	3,33
								rank	986.

Type data	SHA 10/2018	Herds	20 / 13	Daug.	36	78,3	Rel.	70 %	TYPE	0,65
								rank	271.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,77									
Angularity	0,95									
Chest Width	0,95									
Body Depth	0,05									
Rump Angle	-2,48									
Rear Legs Side View	-0,12									
Foot Angle	-0,78									
Fore Udder Attachment	0,45									
Front Teat Placement	0,09									
Teat Length	1,31									
Rear Udder Height	1,10									
Rear Udder Width	0,46									
Central Ligament	-1,09									
Udder Depth	0,13									
Rump Width	0,07									
Rear Legs Rear View	0,53									
Rear Teat Placement	-0,46									
Locomotion	0,71									
Body Condition	-0,33									

daught. average

79,1	Frame	-0,53
79,3	Dairy Strength	1,65
77,8	Feet & Legs	0,20
77,5	Udder	0,75
	SHI	43,0
	rank	287.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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Bull name	Registration number	Birth date	State Register
WA-DEL MYSTIQUE-ET	US000002118527	07.11.1989	BS-016
Country of origin	US	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	19.10.1990
		USA	IG14562

Pedigree

Sire	PGS	CAL-CLARK BOARD CHAIRMAN
TO-MAR BLACKSTAR-ET		US000001723741
US000001929410	PGD	TO-MAR WAYNE HAY
CHR-002		US000009804790
Dam	MGS	WALKWAY CHIEF MARK
VALHALLA MARK MITZY-ET		US000001773417
US000012677418	MGD	HUBERVIEW BELL KRISTEEN
		US000010930484

Milk production data	SK 10/2018	Herds	52	Daug.	317	Rel.	98 %	SPI	-1265
Number controls		BV		Milk		Fat		rank	749.
5804				-287		-5	0,10	SCS	2,79
						-11	-0,06	rank	299.

Type data	SHA 10/2018	Herds	16 / 12	Daug.	40	77,4	Rel.	79 %	TYPE	0,64
								rank	272.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,65									
Angularity	-0,62									
Chest Width	1,68									
Body Depth	2,51									
Rump Angle	-0,16									
Rear Legs Side View	0,50									
Foot Angle	-0,18									
Fore Udder Attachment	0,80									
Front Teat Placement	0,34									
Teat Length	-1,67									
Rear Udder Height	-1,47									
Rear Udder Width	-0,37									
Central Ligament	0,84									
Udder Depth	-0,27									
Rump Width	-0,28									
Rear Legs Rear View	0,12									
Rear Teat Placement	1,47									
Locomotion	-0,29									
Body Condition	-0,81									

daught. average

81,9	Frame	1,12
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74,8	Dairy Strength	0,46
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77,6	Feet & Legs	-0,49
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76,4	Udder	0,48
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	SHI	-12,6
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rank 519.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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Bull name	Registration number	Birth date	State Register
RICH-BANKS HE-MAN-ET	US000066800610	01.11.2009	MED-049
Country of origin	US	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	21.05.2010
		US	M10065450

Pedigree

Sire LONG-LANGS OMAN OMAN-ET
US000135746776

PGS O-BEE MANFRED JUSTICE-ET
US000122358313 **MED-012**

PGD WINNING-WAY MARCI-ET
US000130677626

Dam COOKIECUTTER GOLD HARBOR-ET
US000062914712

MGS BRAEDALE GOLDWYN-ET
CA000010705608 **GAD-002**

MGD MS KINGS-RNSM CHAMP HALEY-ET
US000061624280

Milk production data	SK 10/2018	Herds	19	Daug.	278	Rel.	95 %	SPI	2174
Number controls		BV		Milk		Fat	%	rank	103.
1748				609		-0	-0,41	21	0,03
								SCS	2,58
								rank	117.

Type data	SHA 10/2018	Herds	17 / 7	Daug.	125	81,7	Rel.	87 %	TYPE	0,64
								rank	273.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	1,60									
Angularity	0,06									
Chest Width	-0,01									
Body Depth	-0,15									
Rump Angle	0,09									
Rear Legs Side View	-0,61									
Foot Angle	0,15									
Fore Udder Attachment	1,47									
Front Teat Placement	0,16									
Teat Length	0,77									
Rear Udder Height	0,14									
Rear Udder Width	-1,78									
Central Ligament	0,95									
Udder Depth	1,66									
Rump Width	0,18									
Rear Legs Rear View	-1,81									
Rear Teat Placement	0,53									
Locomotion	0,64									
Body Condition	0,16									

daught. average

86,6 **Frame** **1,26**

81,2 **Dairy Strength** **-0,40**

82,9 **Feet & Legs** **0,22**

78,7 **Udder** **0,17**

SHI **91,0**

rank 133.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
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Bull name	Registration number	Birth date	State Register
FLEURY MATHYS-ET	CA000103439288	29.11.2005	GAD-008
Country of origin	CA	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	19.09.2006
		CA	DC169248

Pedigree

Sire	PGS	SHOREMAR JAMES
BRAEDALE GOLDWYN-ET		CA000005902195
CA000010705608	PGD	BRAEDALE BALER TWINE-ET
GAD-002		CA000006860888
Dam	MGS	RICECREST EMERSON-ET
FLUERY EMERSON MELINE-ET		US000002271271
CA000009306493	MGD	WILLSONA MEGABUCK MAXINE-ET
		CA000006716287

Milk production data	SK 10/2018	Herds	42	Daug.	746	Rel.	99 %	SPI	-279
Number controls		BV		Milk		Fat	%	Prot.	%
12887				-195	0	0,14	-0	0,12	SCS
									rank
									517.
									rank
									2,79
									rank
									291.

Type data	SHA 10/2018	Herds	32 / 8	Daug.	135	81,3	Rel.	89 %	TYPE	0,63
									rank	274.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,99									
Angularity	0,45									
Chest Width	-0,38									
Body Depth	-1,47									
Rump Angle	0,33									
Rear Legs Side View	0,58									
Foot Angle	0,13									
Fore Udder Attachment	1,97									
Front Teat Placement	0,27									
Teat Length	-0,40									
Rear Udder Height	0,76									
Rear Udder Width	-0,56									
Central Ligament	0,98									
Udder Depth	1,69									
Rump Width	-0,42									
Rear Legs Rear View	0,97									
Rear Teat Placement	0,94									
Locomotion	1,22									
Body Condition	-0,54									

daught. average

84,9	Frame	0,62
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81,5	Dairy Strength	-0,45
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83,0	Feet & Legs	0,59
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78,5	Udder	0,61
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	SHI	16,7
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rank 387.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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Bull name	Registration number	Birth date	State Register
ALTAGEN TACTICAL-ET	CA000007104267	03.11.1997	FOM-001

Country of origin	CA	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	27.03.1998
		CAN	414479

Pedigree

Sire	PGS	ROTHROCK TRADITION LEADMAN
SHEN-VAL NV LM FORMATION-ET	US000001983348	TDN-004
US000002163822	PGD	SHEN-VAL MARK FAY
LAD-009	US000013008118	
Dam	MGS	MAIZEFIELD BELLWOOD-ET
HARTLINE BELLWOOD TABBY-ET	US000002103297	MEW-004
US000015922743	MGD	DOCOCASCOT TOTAL-ET
	US000014908037	

Milk production data	SK 10/2018	Herds	56	Daug.	119	Rel.	94 %	SPI	1535
Number controls		BV		Milk	Fat	%	Prot.	%	rank
2256				548	10	-0,20	8	-0,19	SCS
									rank
									169.
									823.

Type data	SHA 10/2018	Herds	14 / 12	Daug.	26	78,2	Rel.	67 %	TYPE	0,63
									rank	275.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,54									
Angularity	-0,07									
Chest Width	0,25									
Body Depth	-1,12									
Rump Angle	1,10									
Rear Legs Side View	1,11									
Foot Angle	1,18									
Fore Udder Attachment	-0,78									
Front Teat Placement	-0,84									
Teat Length	0,87									
Rear Udder Height	1,81									
Rear Udder Width	1,44									
Central Ligament	-0,64									
Udder Depth	-0,78									
Rump Width	0,66									
Rear Legs Rear View	0,73									
Rear Teat Placement	0,23									
Locomotion	-0,68									
Body Condition	-0,13									

daught. average	80,3	Frame	0,26
	76,2	Dairy Strength	-0,03
	80,1	Feet & Legs	0,89
	77,1	Udder	0,25
		SHI	71,4
		rank	192.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
SAHARA S PRELUDE	NL000848765101	01.11.1994	PEL-008
Country of origin	NL	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	..

Pedigree

Sire	PGS	HANOVERHILL STARBUCK CA000000352790
RONNYBROOK PRELUDE-ET CA000000392457 STB-016	PGD	KELLYS-VIEW GLENDELL KELCO US000009739109
Dam	MGS	THONYMA SECRET US000001856904
SHADE-E-LANE-C,SAHARA-ET US000013753806	MGD	CONANT-ACRES-JY SWD,SABRA-ET US000012072536

Milk production data	SK 10/2018	Herds	121	Daug.	649	Rel.	99 %	SPI	-1391
Number controls		BV		Milk		Fat		rank	781.
12822				-290		-8	0,06	SCS	3,50
						-12	-0,08	rank	1143.

Type data	SHA 10/2018	Herds	17 / 12	Daug.	33	78,2	Rel.	74 %	TYPE	0,63
								rank	276.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	1,21									
Angularity	0,38									
Chest Width	1,37									
Body Depth	1,03									
Rump Angle	1,14									
Rear Legs Side View	-0,62									
Foot Angle	0,97									
Fore Udder Attachment	-2,44									
Front Teat Placement	-0,83									
Teat Length	-1,12									
Rear Udder Height	-1,20									
Rear Udder Width	0,27									
Central Ligament	0,31									
Udder Depth	-1,54									
Rump Width	0,21									
Rear Legs Rear View	1,24									
Rear Teat Placement	-0,69									
Locomotion	1,70									
Body Condition	-0,17									

daught. average

82,1	Frame	1,50
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77,9	Dairy Strength	1,25
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78,7	Feet & Legs	1,77
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76,0	Udder	-1,44
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	SHI	-16,9
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rank 539.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
CARTHAGE	FR000340927514	08.01.2007	MNA-015
Country of origin	FR	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	14.06.2007
		FR	F/S 398035

Pedigree

Sire	PGS	ETAZON ADDISON-ET
VEAZLAND MARION-ET		NL000839380546
US000130153294	PGD	VEAZLAND FORMATION MISSA-ET
		US000017346766
Dam	MGS	HIDDEN-VIEW BEST
VERYBEST		US000123645630
FR000340574121	MGD	TOP
		FR000340352722

Milk production data	SK 10/2018	Herds	57	Daug.	424	Rel.	98 %	SPI	1996
Number controls		BV		Milk		Fat	%	rank	125.
8406				388	11	-0,08	18	0,11	SCS
								rank	1161.

Type data	SHA 10/2018	Herds	50 / 20	Daug.	171	80,2	Rel.	91 %	TYPE	0,62
								rank	277.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,71									
Angularity	-0,04									
Chest Width	-0,34									
Body Depth	-0,97									
Rump Angle	-0,35									
Rear Legs Side View	-0,28									
Foot Angle	1,66									
Fore Udder Attachment	0,01									
Front Teat Placement	-0,15									
Teat Length	0,53									
Rear Udder Height	1,19									
Rear Udder Width	1,59									
Central Ligament	0,04									
Udder Depth	-0,12									
Rump Width	0,11									
Rear Legs Rear View	-0,89									
Rear Teat Placement	-0,11									
Locomotion	-1,16									
Body Condition	-0,63									

daught. average

83,6	Frame	0,46
80,1	Dairy Strength	-0,79
81,3	Feet & Legs	0,46
78,0	Udder	0,97
	SHI	85,0
	rank	146.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
BONS-HOLSTEINS BLICKPOINT	NL000434991309	16.06.2006	LU-032

Country of origin	NL	Breed	R100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	08.11.2006
		NL	149129

Pedigree

Sire	PGS	LENTINI-ET
LICHTBLICK-RED-ET		DE001012337003
DE000345785578	PGD	DITTMER JUBILANT OLORE
		DE001021588259
Dam	MGS	INDIANHEAD RED-MARKER-ET
BONS-HOLSTEINS AALTJE 51		US000002284915
NL000343162016	MGD	BONS-HOLSTEINS AALTJE 46
		NL000215358912

Milk production data	SK 10/2018	Herds	33	Daug.	112	Rel.	93 %	SPI	-2443
Number controls		BV		Milk	Fat	%	Prot.	%	rank
2034				-545	-24	-0,08	-16	0,02	SCS
									rank
									1022.
									950.

Type data	SHA 10/2018	Herds	6 / 4	Daug.	11	78,8	Rel.	48 %	TYPE	0,62
									rank	278.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,90									
Angularity	0,42									
Chest Width	-0,01									
Body Depth	-0,53									
Rump Angle	-1,39									
Rear Legs Side View	0,75									
Foot Angle	1,10									
Fore Udder Attachment	-0,82									
Front Teat Placement	0,79									
Teat Length	-0,46									
Rear Udder Height	0,21									
Rear Udder Width	-0,60									
Central Ligament	-0,16									
Udder Depth	0,60									
Rump Width	1,02									
Rear Legs Rear View	1,23									
Rear Teat Placement	0,10									
Locomotion	-0,24									
Body Condition	-0,61									

daught. average

83,0	Frame	0,80
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79,8	Dairy Strength	0,40
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80,1	Feet & Legs	0,50
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75,9	Udder	0,27
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	SHI	-49,0
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rank 658.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
OSTRETIN JOYALIST	CZ000513609053	18.06.2005	COK-002
Country of origin	CZ	Breed	R100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	25.04.2006
		CZ	0600832

Pedigree

Sire	PGS	WELLS MASCOT CORKY-ET
POSAL CORKY ROYALIST		US000002203438
IT771043001212	PGD	POSAL FACTOR QUEEN
		IT007700029450
Dam	MGS	GRANDUC TRIBUTE
OSTRETIN PETRA 6		CA000006873798
CZ000004192953	MGD	OSTRETIN PETRA 3-ET
		CZ000112128506

Milk production data	SK 10/2018	Herds	82	Daug.	1660	Rel.	99 %	SPI	310
Number controls	BV	Milk	Fat	%	Prot.	%	rank		398.
34294		-55	-3	-0,03	7	0,19	SCS	2,80	rank
									303.

Type data	SHA 10/2018	Herds	35 / 10	Daug.	267	80,2	Rel.	94 %	TYPE	0,62
									rank	279.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,53									
Angularity	0,45									
Chest Width	0,02									
Body Depth	0,59									
Rump Angle	-0,53									
Rear Legs Side View	1,02									
Foot Angle	0,61									
Fore Udder Attachment	0,75									
Front Teat Placement	-0,15									
Teat Length	-0,30									
Rear Udder Height	0,10									
Rear Udder Width	0,18									
Central Ligament	0,23									
Udder Depth	0,19									
Rump Width	-0,63									
Rear Legs Rear View	2,15									
Rear Teat Placement	0,09									
Locomotion	1,41									
Body Condition	-0,93									

daught. average

82,6	Frame	-0,38
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81,6	Dairy Strength	0,73
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82,1	Feet & Legs	1,43
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77,3	Udder	0,49
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SHI	34,0
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rank 317.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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 e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
DIEPENHOEK ALTAFIGHTER	NL000387902773	30.07.2004	MED-024

Country of origin	NL	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	03.12.2004
		NL	120459

Pedigree

Sire	PGS	HA-HO CUBBY MANFRED-ET
O-BEE MANFRED JUSTICE-ET		US000002183007
US000122358313	PGD	MEIER-MEADOWS EL JEZEBEL-ET
MED-012		US000015459080
Dam	MGS	DIXIE-LEE AARON-ET
DEN DOGGE LIZARONY		US000002265005
NL000289345205	MGD	DEN DOGGE ELT-LIZA
		NL000168719954

Milk production data	SK 10/2018	Herds	24	Daug.	321	Rel.	96 %	SPI	3101
Number controls		BV		Milk		Fat	%	Prot.	%
4411				601	24	0,01	25	0,12	
								SCS	2,89
								rank	40.
								rank	411.

Type data	SHA 10/2018	Herds	12 / 2	Daug.	25	81,4	Rel.	65 %	TYPE	0,62
									rank	280.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,19									
Angularity	-0,40									
Chest Width	0,27									
Body Depth	0,45									
Rump Angle	-0,26									
Rear Legs Side View	-1,19									
Foot Angle	0,52									
Fore Udder Attachment	-0,82									
Front Teat Placement	1,64									
Teat Length	1,14									
Rear Udder Height	-0,90									
Rear Udder Width	1,28									
Central Ligament	0,69									
Udder Depth	-0,95									
Rump Width	-0,18									
Rear Legs Rear View	1,20									
Rear Teat Placement	-0,02									
Locomotion	0,58									
Body Condition	0,18									

daught. average

83,6	Frame	0,22
81,2	Dairy Strength	-0,17
83,4	Feet & Legs	0,97
79,4	Udder	0,61
	SHI	118,1
	rank	74.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
COMESTAR REVOLUTION ETM	CA000006388683	07.07.1995	LID-006
Country of origin	CA	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	20.10.1995
		CAN	BT360324

Pedigree

Sire	PGS	S-W-D VALIANT
A TOWNSON LINDY-ET		US000001650414
CA000000382748	PGD	TOWNSON ELEVATION LINDY
		US000008721357
Dam	MGS	PUGET-SOUND SHEIK
COMESTAR LAURIE SHEIK-ET		CA000000327279
CA0000004425038	MGD	ELYSA ANTHONY LEA
		CA000003628269

Milk production data	SK 10/2018	Herds	26	Daug.	326	Rel.	98 %	SPI	113
Number controls		BV		Milk		Fat	%	Prot.	%
6910				-16	6	0,11	-0	-0,01	rank
									440.
								SCS	3,05
								rank	620.

Type data	SHA 10/2018	Herds	5 / 4	Daug.	50	78,9	Rel.	77 %	TYPE	0,61
									rank	281.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,09									
Angularity	0,90									
Chest Width	-1,06									
Body Depth	0,53									
Rump Angle	0,63									
Rear Legs Side View	0,82									
Foot Angle	-1,58									
Fore Udder Attachment	-0,06									
Front Teat Placement	0,24									
Teat Length	-0,22									
Rear Udder Height	1,65									
Rear Udder Width	2,74									
Central Ligament	-0,15									
Udder Depth	-0,49									
Rump Width	-0,43									
Rear Legs Rear View	0,47									
Rear Teat Placement	0,74									
Locomotion	-1,26									
Body Condition	-1,23									

daught. average

80,8	Frame	0,09
79,3	Dairy Strength	0,88
76,5	Feet & Legs	-1,30
79,0	Udder	1,46
	SHI	27,9
	rank	330.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
SIR ROCKIE AARON-ET	US000002203292	22.07.1992	TES-008
Country of origin	US	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	14.05.1993
		USA	IG183964A

Pedigree

Sire	PGS	S-W-D VALIANT
TESK-HOLM VALIANT ROCKIE		US000001650414
US000001841366	PGD	HOUVALE APOLLO GAIL
VAL-016		US000008985852
Dam	MGS	WALKWAY CHIEF MARK
ANNZIBAR MARK ADELL		US000001773417
US0000013043469	MGD	ANNZIBAR BELL,ADALAIDE
		US0000011386871

Milk production data	SK 10/2018	Herds	24	Daug.	274	Rel.	98 %	SPI	2044
Number controls		BV		Milk		Fat	%	rank	116.
6079				666		20	-0,10	9	-0,23
								SCS	2,89
								rank	414.

Type data	SHA 10/2018	Herds	12 / 7	Daug.	26	78,0	Rel.	72 %	TYPE	0,61
								rank	282.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,41									
Angularity	-0,37									
Chest Width	0,95									
Body Depth	1,69									
Rump Angle	-0,08									
Rear Legs Side View	-0,21									
Foot Angle	-0,48									
Fore Udder Attachment	0,08									
Front Teat Placement	-0,38									
Teat Length	-0,08									
Rear Udder Height	0,01									
Rear Udder Width	0,24									
Central Ligament	-0,61									
Udder Depth	0,15									
Rump Width	1,84									
Rear Legs Rear View	0,19									
Rear Teat Placement	0,18									
Locomotion	-1,29									
Body Condition	0,46									

daught. average

80,5 **Frame** **0,98**

76,5 **Dairy Strength** **0,44**

77,9 **Feet & Legs** **-0,26**

77,4 **Udder** **0,30**

SHI **86,1**

rank 144.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
STEEPLEHIGH-I C C RIDLER	CA000006817117	06.06.1997	RUH-008

Country of origin	CA	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	17.10.1997
		CAN	BT404561

Pedigree

Sire	PGS	MADAWASKA AEROSTAR	
STARTMORE RUDOLPH-ET		CA000000383622	STB-011
CA000005470579	PGD	STARTMORE RACHELLE-ET	
ARS-015		CA000004324253	
Dam	MGS	MARK CJ GILBROOK GRAND-ET	
CHERRY CREST GRAND CANYON		CA000000393207	WLK-023
CA000006019089	MGD	CHERRY CREST CRIMSON	
		CA000004392108	

Milk production data	SK 10/2018	Herds	23	Daug.	182	Rel.	95 %	SPI	-1467
Number controls		BV		Milk		Fat	%	Prot.	%
3024				-406		4	0,39	-16	-0,08
								SCS	2,87
								rank	375.

Type data	SHA 10/2018	Herds	8 / 5	Daug.	31	79,5	Rel.	70 %	TYPE	0,61
									rank	283.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,58									
Angularity	1,42									
Chest Width	-0,42									
Body Depth	-0,28									
Rump Angle	0,76									
Rear Legs Side View	0,50									
Foot Angle	-1,74									
Fore Udder Attachment	0,19									
Front Teat Placement	-0,45									
Teat Length	1,08									
Rear Udder Height	0,51									
Rear Udder Width	-0,81									
Central Ligament	0,58									
Udder Depth	0,41									
Rump Width	-0,18									
Rear Legs Rear View	0,74									
Rear Teat Placement	-0,80									
Locomotion	0,90									
Body Condition	-0,98									

daught. average	82,4	Frame	0,43
	80,5	Dairy Strength	1,60
	79,8	Feet & Legs	-0,39
	77,4	Udder	0,04
		SHI	-19,8
		rank	553.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
SMRECANY AARON STANO	SK000002497984	07.02.2001	LU-019
Country of origin	SK	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	

Pedigree

Sire	PGS	NORRIELAKE CLEITUS LUKE-TWIN
DIXIE-LEE AARON-ET		US000002071864
US000002265005	PGD	DIXIE-LEE ASPEN-ET
LU-009		US000014889171
Dam	MGS	LOGANWAY NED BOY BELLE BANG-ET
SK000044225904		US000002009256
	MGD	SANNI 96
		DE001020981762

Milk production data	SK 10/2018	Herds	174	Daug.	3646	Rel.	99 %	SPI	-863
Number controls		BV		Milk		Fat		rank	653.
69081				-10		-14	-0,20	SCS	3,09
						-5	-0,06	rank	683.

Type data	SHA 10/2018	Herds	77 / 27	Daug.	480	79,0	Rel.	97 %	TYPE	0,61
								rank	284.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,04									
Angularity	-0,63									
Chest Width	1,14									
Body Depth	-0,30									
Rump Angle	0,44									
Rear Legs Side View	-1,41									
Foot Angle	0,91									
Fore Udder Attachment	0,05									
Front Teat Placement	-0,20									
Teat Length	-0,57									
Rear Udder Height	0,06									
Rear Udder Width	0,46									
Central Ligament	0,18									
Udder Depth	0,34									
Rump Width	2,26									
Rear Legs Rear View	0,79									
Rear Teat Placement	0,05									
Locomotion	0,63									
Body Condition	0,67									

daught. average

82,5	Frame	0,48
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79,6	Dairy Strength	-0,16
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79,9	Feet & Legs	1,30
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76,6	Udder	0,35
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	SHI	-1,7
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rank 471.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
KERNDT EMEY ELITE-ET	US000207497878	18.02.2004	MED-016
Country of origin	US	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	27.09.2004
		CA	DC126126

Pedigree

Sire	PGS	HA-HO CUBBY MANFRED-ET
O-BEE MANFRED JUSTICE-ET		US000002183007
US000122358313	PGD	MEIER-MEADOWS EL JEZEBEL-ET
MED-012		US000015459080
Dam	MGS	RICECREST EMERSON-ET
KERNDT MATTIE EMEY-ET		US000002271271
US000207182897	MGD	KERNDT MEXIE REMARK MATTIE
		US000017045274

Milk production data	SK 10/2018	Herds	58	Daug.	1083	Rel.	99 %	SPI	907
Number controls		BV		Milk		Fat	%	rank	295.
23433				181		-2	-0,17	11	0,11
								SCS	3,38
								rank	1041.

Type data	SHA 10/2018	Herds	57 / 19	Daug.	384	80,2	Rel.	96 %	TYPE	0,61
								rank	285.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,19									
Angularity	-0,61									
Chest Width	1,05									
Body Depth	0,92									
Rump Angle	-1,07									
Rear Legs Side View	-0,67									
Foot Angle	0,41									
Fore Udder Attachment	0,17									
Front Teat Placement	2,21									
Teat Length	-0,38									
Rear Udder Height	-0,74									
Rear Udder Width	-0,23									
Central Ligament	0,74									
Udder Depth	0,12									
Rump Width	0,76									
Rear Legs Rear View	-0,28									
Rear Teat Placement	0,72									
Locomotion	-0,27									
Body Condition	0,93									

daught. average

84,2	Frame	0,21
81,3	Dairy Strength	0,34
81,5	Feet & Legs	0,67
77,0	Udder	0,53
	SHI	51,7
	rank	254.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
HUYBEN S RED DEVIL	NL000343663689	28.09.2002	MNA-018
Country of origin	NL	Breed	R100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	04.04.2003
		NL	90498

Pedigree

Sire	PGS	ETAZON ADDISON-ET
ETEZON LAS VEGAS		NL000839380546
NL000262872096	PGD	MARIONETT-ET
		FR003596064948
Dam	MGS	SUBLIEM TULIP RED
HUIJBEN PIETJE 514		NL000815222426
NL000256660889	MGD	ALM PIETJE 513
		NL000139312058

NIK-001

Milk production data	SK 10/2018	Herds	46	Daug.	1024	Rel.	99 %	SPI	-493
Number controls		BV		Milk		Prot.		rank	567.
18645				-230	2	0,21	-4	SCS	3,39
								rank	1047.

Type data	SHA 10/2018	Herds	33 / 9	Daug.	295	79,7	Rel.	95 %	TYPE	0,61
								rank	286.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,28									
Angularity	-0,25									
Chest Width	0,11									
Body Depth	-0,52									
Rump Angle	-0,04									
Rear Legs Side View	-0,68									
Foot Angle	0,59									
Fore Udder Attachment	0,04									
Front Teat Placement	1,53									
Teat Length	0,10									
Rear Udder Height	0,22									
Rear Udder Width	1,98									
Central Ligament	-1,05									
Udder Depth	-0,26									
Rump Width	0,90									
Rear Legs Rear View	1,24									
Rear Teat Placement	1,79									
Locomotion	1,19									
Body Condition	-0,03									

daught. average

83,8	Frame	0,39
80,4	Dairy Strength	-0,61
81,1	Feet & Legs	1,51
76,7	Udder	0,54
	SHI	9,4
	rank	426.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
MERATO	DE000000830332	20.08.1995	STY-003
Country of origin	DE	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	15.11.1995
		DEU	95/12377

Pedigree

Sire	PGS	TRI-TOWN STEADY SPIPPER
LONDONDALE MERRILL-ET		US000001829401
US000002076121	PGD	LONDONDALE MODEL FORD
		US000011797524
Dam	MGS	MADAWASKA AEROSTAR
AFRIKA		CA000000383622
DE001015240015	MGD	ANERIKA
		DE001015106586

Milk production data	SK 10/2018	Herds	91	Daug.	1911	Rel.	99 %	SPI	34
Number controls		BV		Milk		Fat		rank	456.
38307				-46		10	0,21	SCS	3,30
								rank	945.

Type data	SHA 10/2018	Herds	22 / 11	Daug.	166	78,2	Rel.	91 %	TYPE	0,61
								rank	287.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,70									
Angularity	-0,60									
Chest Width	0,35									
Body Depth	1,41									
Rump Angle	-1,19									
Rear Legs Side View	-0,61									
Foot Angle	1,53									
Fore Udder Attachment	0,69									
Front Teat Placement	-1,50									
Teat Length	-0,47									
Rear Udder Height	0,48									
Rear Udder Width	2,42									
Central Ligament	-1,89									
Udder Depth	-1,26									
Rump Width	0,93									
Rear Legs Rear View	2,94									
Rear Teat Placement	-0,74									
Locomotion	1,38									
Body Condition	1,31									

daught. average

79,5	Frame	-0,45
78,0	Dairy Strength	-0,17
79,4	Feet & Legs	2,67
77,1	Udder	0,55
	SHI	25,3
	rank	345.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
DYNAMIT	CZ000104793181	10.01.1999	BES-001
Country of origin	CZ	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	09.02.2000
		CSK	4752/27

Pedigree

Sire	PGS	HANOVERHILL STARBUCK
BESNE-BUCK		CA000000352790
FR004486041658	PGD	LENTILLE 835
		FR004485001325
Dam	MGS	BERLIOZ
		FR003586049301
CZ000091354161	MGD	90278/161
		FR004993013204

Milk production data	SK 10/2018	Herds	44	Daug.	109	Rel.	94 %	SPI	-303
Number controls		BV		Milk		Fat		rank	523.
2367				-64		-1	0,01	SCS	2,88
						-3	-0,03	rank	389.

Type data	SHA 10/2018	Herds	6 / 5	Daug.	21	77,7	Rel.	59 %	TYPE	0,60
								rank	288.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	1,50									
Angularity	-0,18									
Chest Width	0,93									
Body Depth	0,22									
Rump Angle	-0,14									
Rear Legs Side View	-0,73									
Foot Angle	-0,93									
Fore Udder Attachment	-1,07									
Front Teat Placement	0,66									
Teat Length	0,24									
Rear Udder Height	-1,34									
Rear Udder Width	-1,37									
Central Ligament	0,40									
Udder Depth	-0,24									
Rump Width	1,46									
Rear Legs Rear View	0,84									
Rear Teat Placement	0,14									
Locomotion	0,55									
Body Condition	0,64									

daught. average

81,0	Frame	1,85
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76,2	Dairy Strength	0,39
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78,9	Feet & Legs	0,19
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76,1	Udder	-0,46
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	SHI	14,9
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rank 398.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
ANDERSTRUP MASSEY EVAN	DK003345101832	20.03.2013	PEL-061

Country of origin	DK	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	31.03.2014
		DE	14/5888

Pedigree

Sire	PGS	MASCOL-ET
CO-OP BOSSIDE MASSEY-ET		DE000578891748
US000063026939		PEL-031
PEL-052	PGD	COYNE-FARMS YELENA CRI-ET
		US000061376428
Dam	MGS	LONG-LANGS OMAN OMAN-ET
HOOD MOM EVELYN-ET		US000135746776
DK003001001743	MGD	TRAMILDA-N BAXTER EMILY-ET
		US000139232811

Milk production data	SK 10/2018	Herds	10	Daug.	66	Rel.	82 %	SPI	1760
Number controls		BV		Milk		Fat		%	
343				615	-2	-0,43	15	-0,09	SCS
									rank
									143.
									rank
									27.

Type data	SHA 10/2018	Herds	5 / 3	Daug.	11	81,6	Rel.	50 %	TYPE	0,60
									rank	289.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,05									
Angularity	-0,21									
Chest Width	0,20									
Body Depth	-0,10									
Rump Angle	-1,69									
Rear Legs Side View	-1,45									
Foot Angle	0,29									
Fore Udder Attachment	1,80									
Front Teat Placement	1,05									
Teat Length	0,37									
Rear Udder Height	0,53									
Rear Udder Width	-0,82									
Central Ligament	-0,32									
Udder Depth	2,18									
Rump Width	0,81									
Rear Legs Rear View	1,50									
Rear Teat Placement	0,82									
Locomotion	0,41									
Body Condition	0,76									

daught. average

83,4	Frame	-0,40
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80,8	Dairy Strength	-0,26
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83,9	Feet & Legs	0,78
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79,8	Udder	0,53
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	SHI	77,0
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rank 171.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
D BANKER	DK000000247111	26.08.2002	JUX-006
Country of origin	DK	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	22.01.2003
		DK	237604

Pedigree

Sire	PGS	KED JUROR-ET	
V BOJER		US000002124357	BS-017
DK000000238068	PGD	JELSTRUP ARES NICO	
		DK003110600747	
Dam	MGS	BRABANT STAR PATRON-ET	
		US000002160458	BS-034
DK005243501697	MGD	DEN DOGGE BEL LETTA	
		NL000841023002	

Milk production data	SK 10/2018	Herds	3	Daug.	65	Rel.	88 %	SPI	2092
Number controls		BV		Milk		Fat	%	Prot.	%
1191				519	11	-0,17	17	0,01	SCS
									rank
									...
									rank
									...

Type data	SHA 10/2018	Herds	6 / 1	Daug.	48	79,7	Rel.	73 %	TYPE	0,60
									rank	290.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,59									
Angularity	0,56									
Chest Width	-0,07									
Body Depth	0,82									
Rump Angle	1,00									
Rear Legs Side View	4,10									
Foot Angle	-1,59									
Fore Udder Attachment	0,25									
Front Teat Placement	1,35									
Teat Length	0,66									
Rear Udder Height	0,62									
Rear Udder Width	0,75									
Central Ligament	1,28									
Udder Depth	0,28									
Rump Width	0,62									
Rear Legs Rear View	-0,96									
Rear Teat Placement	-0,32									
Locomotion	-0,44									
Body Condition	-0,42									

daught. average

83,6	Frame	0,86
79,7	Dairy Strength	0,73
78,0	Feet & Legs	-1,82
78,6	Udder	1,01
	SHI	86,9
	rank	143.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
VEEMAN-DAIRY PAW RANGER-ET	US000018058022	04.12.1997	PAW-001

Country of origin	US	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	26.08.2002
		USA	DNA

Pedigree

Sire	PGS	MADAWASKA AEROSTAR CA000000383622
PARKER AERO WADE-ET US000002182318 ARS-020	PGD	PARKER MARK AMARA-ET US000012714936
Dam	MGS	EXRANCO THOR US000001883228
SCIENTIFIC THOR ROSELYN-ET US000015178107	MGD	HANOVERHILL TONY RAE CA000004309495

Milk production data	SK 10/2018	Herds	164	Daug.	4363	Rel.	99 %	SPI	-346
Number controls		BV		Milk		Fat		rank	531.
80004				-93		-4	-0,02	SCS	3,57
								rank	1177.

Type data	SHA 10/2018	Herds	153 / 40	Daug.	1440	79,0	Rel.	99 %	TYPE	0,59
								rank	291.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,19									
Angularity	-0,08									
Chest Width	-0,15									
Body Depth	-1,07									
Rump Angle	1,71									
Rear Legs Side View	0,99									
Foot Angle	-0,32									
Fore Udder Attachment	1,06									
Front Teat Placement	0,17									
Teat Length	0,49									
Rear Udder Height	1,04									
Rear Udder Width	1,19									
Central Ligament	0,49									
Udder Depth	-0,54									
Rump Width	-0,87									
Rear Legs Rear View	0,11									
Rear Teat Placement	1,17									
Locomotion	1,00									
Body Condition	-0,65									

daught. average

81,7	Frame	-0,03
78,7	Dairy Strength	-0,50
78,4	Feet & Legs	0,13
78,1	Udder	1,41
	SHI	13,3
	rank	406.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
REGEL BACHELOR	US000061690982	17.05.2005	LUS-015
Country of origin	US	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	11.01.2006
		CA	DC153985

Pedigree

Sire	PGS	LUKAS
LAUDAN-ET		DE001012104370
DE000578448776	PGD	BRISANZ 1
		DE000576302497
Dam	MGS	COMESTAR STORMATIC-ET
REGEL STORMATIC BEATA		CA000006947936
US000060425611	MGD	B-V REGEL RUDWOOD BEA
		US000128772258

Milk production data	SK 10/2018	Herds	27	Daug.	460	Rel.	98 %	SPI	769
Number controls		BV		Milk		Fat	%	rank	312.
8543				198	2	-0,11	7	SCS	3,00
								rank	573.

Type data	SHA 10/2018	Herds	16 / 5	Daug.	71	80,9	Rel.	80 %	TYPE	0,59
								rank	292.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,54									
Angularity	1,95									
Chest Width	-0,02									
Body Depth	0,39									
Rump Angle	-1,53									
Rear Legs Side View	0,58									
Foot Angle	-0,24									
Fore Udder Attachment	0,11									
Front Teat Placement	-0,76									
Teat Length	0,18									
Rear Udder Height	0,22									
Rear Udder Width	0,08									
Central Ligament	0,21									
Udder Depth	0,00									
Rump Width	-0,40									
Rear Legs Rear View	1,00									
Rear Teat Placement	-0,61									
Locomotion	-0,95									
Body Condition	-1,28									

daught. average

84,2	Frame	0,44
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82,7	Dairy Strength	1,94
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82,0	Feet & Legs	-0,53
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77,7	Udder	0,17
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	SHI	46,6
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rank 274.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
EKPS 12	DK000000245861	19.04.2002	JUX-003

Country of origin	DK	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	15.07.2002
		DNK	234615

Pedigree

Sire	PGS	KED JUROR-ET	
SUMMERSHADE INQUIRER		US000002124357	BS-017
CA000006483076	PGD	SUMMERSHADE ILENE SCOT-ET	
JUX-002		CA000005619306	
Dam	MGS	LUKAS	
		DE001012104370	
DK003754601980	MGD		DK003754601659

Milk production data	SK 10/2018	Herds	44	Daug.	127	Rel.	94 %	SPI	-107
Number controls		BV		Milk		Fat	%	Prot.	%
2585				-30		-2	-0,02	-0	0,01
								SCS	3,92
								rank	1265.

Type data	SHA 10/2018	Herds	11 / 9	Daug.	22	79,0	Rel.	64 %	TYPE	0,59
									rank	293.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,24									
Angularity	1,07									
Chest Width	-0,63									
Body Depth	0,80									
Rump Angle	0,50									
Rear Legs Side View	-0,87									
Foot Angle	1,05									
Fore Udder Attachment	0,32									
Front Teat Placement	0,40									
Teat Length	0,79									
Rear Udder Height	-0,20									
Rear Udder Width	-0,00									
Central Ligament	0,07									
Udder Depth	-0,38									
Rump Width	-0,49									
Rear Legs Rear View	-0,57									
Rear Teat Placement	0,03									
Locomotion	-0,41									
Body Condition	-1,23									

daught. average

82,1	Frame	0,05
80,3	Dairy Strength	1,21
79,1	Feet & Legs	0,18
76,8	Udder	0,30
	SHI	20,2
	rank	373.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
LUX ET	DE000015217337	29.09.1992	LAD-002
Country of origin	DE	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	15.03.1993
		DEU	93/4314

Pedigree

Sire	PGS	SWEET-HAVEN TRADITION
ROTHROCK TRADITION LEADMAN		US000001682485
US000001983348	PGD	WALKUP VALIANT LOU ELLA
TDN-004		US000010930744
Dam	MGS	FISHER-PLACE MANDINGO-ET
ILMANDY		US000001810969
DE000045546646	MGD	ILSA
		DE000503388641

Milk production data	SK 10/2018	Herds	37	Daug.	120	Rel.	94 %	SPI	-1979
Number controls		BV		Milk		Fat	%	Prot.	%
2583				-623		-1	0,28	-13	0,15
								SCS	2,64
								rank	154.

Type data	SHA 10/2018	Herds	13 / 8	Daug.	27	76,7	Rel.	66 %	TYPE	0,58
									rank	294.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,07									
Angularity	-0,05									
Chest Width	0,66									
Body Depth	0,19									
Rump Angle	0,13									
Rear Legs Side View	-0,57									
Foot Angle	1,69									
Fore Udder Attachment	-0,31									
Front Teat Placement	-0,14									
Teat Length	-0,56									
Rear Udder Height	0,13									
Rear Udder Width	-0,49									
Central Ligament	1,09									
Udder Depth	0,41									
Rump Width	-0,22									
Rear Legs Rear View	-0,73									
Rear Teat Placement	0,56									
Locomotion	-1,33									
Body Condition	-0,39									

daught. average

77,6	Frame	0,15
75,0	Dairy Strength	0,75
77,6	Feet & Legs	0,47
76,7	Udder	0,52
	SHI	-36,4
	rank	615.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
CROCKETT-ACRES ENVOY-ET	US000135340224	08.03.2003	FOM-030

Country of origin	US	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	09.05.2008
		CA	DC206968

Pedigree

Sire	PGS	SHEN-VAL NV LM FORMATION-ET
OPSAL FINLEY-ET		US000002163822 LAD-009
US000120780521	PGD	DE-SU OPSAL ETHAN FIONA-ET
		US000015788871
Dam	MGS	CAROL PRELUDE MTOTO-ET
CROCKETT-ACRES MTOTO ELLY-ET		IT006001001962
US000207184095	MGD	WAUREGAN RUDOLPH ELLY MAE-ET
		CA000006931116

Milk production data	SK 10/2018	Herds	10	Daug.	101	Rel.	93 %	SPI	-558
Number controls		BV		Milk		Fat		rank	581.
1485				-89		-12	-0,17	SCS	3,05
						-2	0,01	rank	628.

Type data	SHA 10/2018	Herds	7 / 1	Daug.	28	79,8	Rel.	64 %	TYPE	0,58
								rank	295.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,14									
Angularity	1,07									
Chest Width	-0,48									
Body Depth	-0,36									
Rump Angle	-1,32									
Rear Legs Side View	2,61									
Foot Angle	-0,35									
Fore Udder Attachment	0,86									
Front Teat Placement	0,79									
Teat Length	-0,28									
Rear Udder Height	0,58									
Rear Udder Width	0,54									
Central Ligament	0,63									
Udder Depth	0,83									
Rump Width	0,60									
Rear Legs Rear View	-0,93									
Rear Teat Placement	0,78									
Locomotion	0,58									
Body Condition	-1,06									

daught. average

84,5	Frame	0,29
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80,9	Dairy Strength	0,42
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79,5	Feet & Legs	-0,34
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77,0	Udder	0,81
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	SHI	6,3
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rank 442.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
COMESTAR LORETTO-ET	CA000006225584	25.10.1994	LU-010
Country of origin	CA	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	16.02.1995
		CAN	341659

Pedigree

Sire	PGS	BIS-MAY TRADITION CLEITUS
NORRIELAKE CLEITUS LUKE-TWIN	US000001879085	CLE-003
US000002071864	PGD	NORRIELAKE VALIANT CHEER-ET
CLE-005	US000012365669	
Dam	MGS	HANOVERHILL RAIDER-ET
COMESTAR LAURANA RAIDER-ET	CA000000390409	
CA000005757129	MGD	COMESTAR LAURA BLACK-ET
	CA000005319783	

Milk production data	SK 10/2018	Herds	39	Daug.	387	Rel.	98 %	SPI	613
Number controls		BV		Milk		Fat	%	Prot.	%
8085				398		-1	-0,30	1	-0,23
								SCS	3,31
								rank	343.
								rank	958.

Type data	SHA 10/2018	Herds	17 / 10	Daug.	64	77,9	Rel.	85 %	TYPE	0,58
									rank	296.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-1,06									
Angularity	0,33									
Chest Width	-0,28									
Body Depth	-0,30									
Rump Angle	-1,06									
Rear Legs Side View	0,13									
Foot Angle	0,64									
Fore Udder Attachment	0,53									
Front Teat Placement	1,41									
Teat Length	0,17									
Rear Udder Height	0,00									
Rear Udder Width	-0,09									
Central Ligament	0,26									
Udder Depth	-0,45									
Rump Width	0,87									
Rear Legs Rear View	1,92									
Rear Teat Placement	1,01									
Locomotion	-0,72									
Body Condition	-0,52									

daught. average

78,9 **Frame** -1,07

78,0 **Dairy Strength** 0,55

77,9 **Feet & Legs** 1,29

77,3 **Udder** 1,06

SHI 41,5

rank 292.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
LAMISTO-ET	DE000348590633	04.02.2005	LUS-009
Country of origin	DE	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	13.04.2005
		DE	05/37188

Pedigree

Sire	PGS	LUKAS	
LAUDAN-ET		DE001012104370	
DE000578448776	PGD	BRISANZ 1	
		DE000576302497	
Dam	MGS	STARTMORE RUDOLPH-ET	ARS-015
FARADIBA		CA000005470579	
DE000343987816	MGD	FABIOLA	
		DE001021260022	

Milk production data	SK 10/2018	Herds	15	Daug.	36	Rel.	85 %	SPI	-738
Number controls		BV		Milk		Fat	%	Prot.	%
734				64	-16	-0,36	-6	-0,18	SCS
									rank
									624.
									rank
									409.

Type data	SHA 10/2018	Herds	9 / 5	Daug.	14	78,7	Rel.	53 %	TYPE	0,58
									rank	297.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,18									
Angularity	2,11									
Chest Width	-0,41									
Body Depth	0,12									
Rump Angle	-1,23									
Rear Legs Side View	-0,83									
Foot Angle	-0,70									
Fore Udder Attachment	-0,51									
Front Teat Placement	1,38									
Teat Length	-0,81									
Rear Udder Height	0,59									
Rear Udder Width	-0,27									
Central Ligament	1,21									
Udder Depth	0,60									
Rump Width	-1,42									
Rear Legs Rear View	-0,21									
Rear Teat Placement	1,08									
Locomotion	-0,02									
Body Condition	-1,64									

daught. average

81,4	Frame	-0,48
80,6	Dairy Strength	1,92
76,4	Feet & Legs	-0,53
77,6	Udder	0,84
	SHI	0,8
	rank	460.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
SH SURANY HUNTER TITAN-ET	SK000070473858	05.03.1997	HUN-001
Country of origin SK		Breed	H100
Distributor		Herdbook	HA
		Paternity	

Pedigree

Sire	PGS	ART ACRES BELL PONTIAC-ET
AMELDIN II PONTIAC HUNTER-323		US000001878472 PTC-001
US000002094527	PGD	FAIR-HILL ROTATE HONEY-ET
PTC-010		US000012680667
Dam	MGS	SINGING-BROOK N-BOY MASCOT-ET
LOOK-UP MASCOT SOPHIA-ET		US000002020049 NBY-011
US000014826522	MGD	LONG-HAVEN SOUTH SUGAR-ET
		US000014145056

Milk production data	SK 10/2018	Herds	52	Daug.	158	Rel.	95 %	SPI	-720
Number controls		BV		Milk		Fat	%	Prot.	%
3015				-9		-11	-0,22	-6	-0,14
								SCS	3,45
								rank	1107.

Type data	SHA 10/2018	Herds	9 / 6	Daug.	23	77,7	Rel.	65 %	TYPE	0,57
									rank	298.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	1,68									
Angularity	-0,49									
Chest Width	0,89									
Body Depth	1,41									
Rump Angle	0,93									
Rear Legs Side View	-0,37									
Foot Angle	1,39									
Fore Udder Attachment	-0,89									
Front Teat Placement	0,99									
Teat Length	0,48									
Rear Udder Height	-1,30									
Rear Udder Width	-1,32									
Central Ligament	1,09									
Udder Depth	-0,40									
Rump Width	-0,06									
Rear Legs Rear View	-0,06									
Rear Teat Placement	-0,17									
Locomotion	0,07									
Body Condition	-0,09									

daught. average

82,4	Frame	1,94
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75,5	Dairy Strength	0,24
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77,3	Feet & Legs	0,27
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76,5	Udder	-0,40
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	SHI	1,2
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rank 457.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
BELFAST GANGSTER-ET	CA00000390998	08.10.1986	STB-017
Country of origin	CA	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	

Pedigree

Sire	PGS	ROUND OAK RAG APPLE ELEVATION
HANOVERHILL STARBUCK		US000001491007
CA000000352790	PGD	ANACRES ASTRONAUT IVANHOE
		US000008018046
Dam	MGS	BRIARWOOD CHIEFTAIN
BELFAST CHIEFTAIN TOPSY		CA000000308045
CA0000003130299	MGD	BELFAST TRIUNE PROVINCIAL
		CA000002771580

Milk production data	SK 10/2018	Herds	175	Daug.	2766	Rel.	99 %	SPI	-3082
Number controls		BV		Milk		Fat		rank	1144.
47462				-643		-27	-0,05	SCS	3,76
						-23	-0,08	rank	1239.

Type data	SHA 10/2018	Herds	30 / 17	Daug.	99	76,8	Rel.	88 %	TYPE	0,57
								rank	299.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,56									
Angularity	-0,55									
Chest Width	-0,09									
Body Depth	1,74									
Rump Angle	-0,19									
Rear Legs Side View	1,33									
Foot Angle	-0,60									
Fore Udder Attachment	-0,28									
Front Teat Placement	-0,71									
Teat Length	1,07									
Rear Udder Height	0,51									
Rear Udder Width	0,88									
Central Ligament	0,72									
Udder Depth	-1,01									
Rump Width	0,87									
Rear Legs Rear View	-0,46									
Rear Teat Placement	-0,42									
Locomotion	-0,77									
Body Condition	-0,45									

daught. average

80,3 **Frame** **0,80**

73,6 **Dairy Strength** **0,09**

76,6 **Feet & Legs** **-0,58**

76,7 **Udder** **0,62**

SHI **-70,0**

rank 732.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
LOCKER-LANE RW BALAAM-ET	US000137909270	03.11.2006	BW-050
Country of origin	US	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	25.01.2007
		US	M07022988

Pedigree

Sire	PGS	MARA-THON BW MARSHALL-ET TV
JENNY-LOU MRSHL TOYSTORY-ET		US000002290977
US000060372887	PGD	JENNY-LOU PATRON TOYANE
BW-053		US000017313307
Dam	MGS	COMESTAR OUTSIDE-ET
LOCKER-LANE OUTSIDE BABE-ET		CA000006026421
US000134513191	MGD	LOCKER-LANE RULPH BRITTANY
		US000121752150

Milk production data	SK 10/2018	Herds	15	Daug.	161	Rel.	94 %	SPI	1287
Number controls		BV		Milk		Fat	%	rank	215.
2804				415		11	-0,10	6	-0,14
								SCS	2,42
								rank	55.

Type data	SHA 10/2018	Herds	17 / 7	Daug.	43	81,4	Rel.	74 %	TYPE	0,57
									rank	300.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,42									
Angularity	0,31									
Chest Width	0,52									
Body Depth	0,92									
Rump Angle	1,89									
Rear Legs Side View	-0,12									
Foot Angle	-0,26									
Fore Udder Attachment	0,65									
Front Teat Placement	0,77									
Teat Length	1,40									
Rear Udder Height	-0,20									
Rear Udder Width	-0,44									
Central Ligament	0,92									
Udder Depth	0,58									
Rump Width	-0,22									
Rear Legs Rear View	0,37									
Rear Teat Placement	0,97									
Locomotion	-1,73									
Body Condition	0,57									

daught. average

84,8 **Frame** **0,54**

82,0 **Dairy Strength** **0,63**

81,9 **Feet & Legs** **-0,81**

79,0 **Udder** **0,79**

SHI **61,5**

rank 225.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
ZIMMERVIEW SHOTTLE JT-ET	US000062510183	19.11.2005	PEL-043

Country of origin	US	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	23.06.2006
		US	M06017498

Pedigree

Sire	PGS	CAROL PRELUDE MTOTO-ET
PICSTON SHOTTLE-ET		IT006001001962
GB000000598172	PGD	CONDON AERO SHARON
PEL-033		CA000005373153
Dam	MGS	J-MOR ELTON GRANGER-ET
ZIMMERVIEW GRANGER SOUP-ET		US000002283503
US000132036599	MGD	BERBEE-M ELVIN SULKY-ET
		US000015469615

Milk production data	SK 10/2018	Herds	47	Daug.	940	Rel.	99 %	SPI	3233
Number controls		BV		Milk	Fat	%	Prot.	%	rank
17130				836	25	-0,13	22	-0,09	SCS
									rank
									278.

Type data	SHA 10/2018	Herds	42 / 18	Daug.	247	80,8	Rel.	93 %	TYPE	0,56
									rank	301.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,42									
Angularity	1,16									
Chest Width	-0,83									
Body Depth	-0,84									
Rump Angle	1,64									
Rear Legs Side View	1,42									
Foot Angle	-0,58									
Fore Udder Attachment	1,65									
Front Teat Placement	1,31									
Teat Length	0,58									
Rear Udder Height	0,93									
Rear Udder Width	-0,23									
Central Ligament	1,30									
Udder Depth	1,26									
Rump Width	-0,08									
Rear Legs Rear View	-1,09									
Rear Teat Placement	1,11									
Locomotion	-0,06									
Body Condition	-1,12									

daught. average

84,3	Frame	0,11
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81,5	Dairy Strength	0,11
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81,1	Feet & Legs	-1,09
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78,5	Udder	1,35
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	SHI	119,9
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rank 70.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
FIR-RIDGE PLANET PLUTO-ET	US003005027108	08.12.2008	BS-068

Country of origin	US	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	31.07.2009
		US	M09055474

Pedigree

Sire	PGS	ROSE-BAUM TABOO-ET	
ENSENADA TABOO PLANET-ET		US000017121203	
US000060597003	PGD	PLUSHANSKI AMEL PATTY-ET	
BS-050		US000130161039	
Dam	MGS	O-BEE MANFRED JUSTICE-ET	
FIR-RIDGE OMAN PEG 4510		US000122358313	MED-012
US000061540837	MGD	FIR-RIDGE BLITZ PEG 3883	
		US000060942092	

Milk production data	SK 10/2018	Herds	7	Daug.	92	Rel.	87 %	SPI	1438
Number controls		BV		Milk		Fat	%	Prot.	%
554				279	7	-0,08	13	0,09	SCS
									rank
									...
									rank
									...

Type data	SHA 10/2018	Herds	6 / 1	Daug.	42	80,8	Rel.	72 %	TYPE	0,55
									rank	302.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,24									
Angularity	-0,31									
Chest Width	1,26									
Body Depth	0,39									
Rump Angle	-0,08									
Rear Legs Side View	1,32									
Foot Angle	0,55									
Fore Udder Attachment	1,49									
Front Teat Placement	1,39									
Teat Length	-1,19									
Rear Udder Height	-0,30									
Rear Udder Width	-1,11									
Central Ligament	0,50									
Udder Depth	1,59									
Rump Width	2,13									
Rear Legs Rear View	-0,67									
Rear Teat Placement	1,50									
Locomotion	1,05									
Body Condition	0,63									

daught. average

85,2	Frame	0,82
79,9	Dairy Strength	0,11
83,4	Feet & Legs	0,39
77,8	Udder	0,15
	SHI	65,5
	rank	210.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
GLAMOUR CARLO-ET	GB915250411682	15.01.2013	MGL-001
Country of origin	GB	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	11.10.2013
		UK	B212623

Pedigree

Sire	PGS	COYNE-FARMS DORCY-ET
MOUNTFIELD SSI DCY MOGUL-ET		US000139005002
US003006972816	PGD	MOUNTFIELD MARSH MAXINE-ET
LU-052		US000062784081
Dam	MGS	ROYLANE SOCRA ROBUST-ET
LARCREST CARLIN-ET		US000064966739
US000070119345	MGD	LARCREST COMET-ETS
		US000053766363

Milk production data	SK 10/2018	Herds	56	Daug.	1212	Rel.	99 %	SPI	2471
Number controls		BV		Milk		Fat	%	rank	81.
8827				312		43	0,54	SCS	2,83
						14	0,07	rank	339.

Type data	SHA 10/2018	Herds	105 / 30	Daug.	514	82,0	Rel.	96 %	TYPE	0,55
								rank	303.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-1,16									
Angularity	-0,26									
Chest Width	0,20									
Body Depth	0,68									
Rump Angle	-0,41									
Rear Legs Side View	-0,30									
Foot Angle	0,27									
Fore Udder Attachment	1,80									
Front Teat Placement	-0,01									
Teat Length	-1,01									
Rear Udder Height	1,36									
Rear Udder Width	0,89									
Central Ligament	-1,08									
Udder Depth	0,90									
Rump Width	-0,05									
Rear Legs Rear View	-0,16									
Rear Teat Placement	0,79									
Locomotion	1,42									
Body Condition	0,55									

daught. average

83,7	Frame	-0,91
81,7	Dairy Strength	0,08
83,5	Feet & Legs	0,75
80,5	Udder	1,35
	SHI	96,7
	rank	121.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
GENOS INTEREST-ET	CZ000035438071	08.03.2004	FOM-026

Country of origin	CZ	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	11.06.2004
		CZ	0400676

Pedigree

Sire	PGS	SHEN-VAL NV LM FORMATION-ET
OPSALE FINLEY-ET		US000002163822 LAD-009
US000120780521	PGD	DE-SU OPSAL ETHAN FIONA-ET
		US000015788871
Dam	MGS	DIXIE-LEE AARON-ET
GENOS NORA		US000002265005 LU-009
CZ000120101709	MGD	US MASAL TERESA BELLWOOD
		US000017056814

Milk production data	SK 10/2018	Herds	30	Daug.	406	Rel.	98 %	SPI	2013
Number controls		BV		Milk		Fat	%	Prot.	%
7967				468	14	-0,08	15	0,01	SCS
									rank
									122.
									rank
									959.

Type data	SHA 10/2018	Herds	17 / 9	Daug.	132	80,3	Rel.	89 %	TYPE	0,55
									rank	304.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	1,19									
Angularity	1,07									
Chest Width	-1,13									
Body Depth	-1,06									
Rump Angle	-1,59									
Rear Legs Side View	-1,10									
Foot Angle	1,91									
Fore Udder Attachment	0,59									
Front Teat Placement	-0,05									
Teat Length	1,41									
Rear Udder Height	0,05									
Rear Udder Width	-0,10									
Central Ligament	0,33									
Udder Depth	0,55									
Rump Width	0,16									
Rear Legs Rear View	0,26									
Rear Teat Placement	1,51									
Locomotion	-0,94									
Body Condition	-1,72									

daught. average	85,2	Frame	0,66
	81,0	Dairy Strength	-0,27
	81,8	Feet & Legs	1,23
	76,7	Udder	0,08
		SHI	82,5
		rank	154.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
DELIAL	FR005644501696	05.03.1999	DED-001
Country of origin	FR	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	02.08.1999
		FRA	5644501696

Pedigree

Sire	PGS	ROTHROCK TRADITION LEADMAN
PAULO-BRO RTL DEMAND TCG-ET	US000001983348	TDN-004
US000002193272	PGD	PAULO-BRO MARK DELIGHT 3206-ET
	US000012798676	
Dam	MGS	SKALSUMER SUNNY BOY-ET
IDEALE	NL000311651443	
FR005693018800	MGD	DAYLIGHT
	FR005688039444	

Milk production data	SK 10/2018	Herds	45	Daug.	92	Rel.	93 %	SPI	2544
Number controls		BV		Milk	Fat	%	Prot.	%	rank
1731				667	16	-0,17	18	-0,05	SCS
									rank
									75.
									983.

Type data	SHA 10/2018	Herds	19 / 14	Daug.	35	77,7	Rel.	70 %	TYPE	0,54
									rank	305.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,27									
Angularity	1,81									
Chest Width	-0,56									
Body Depth	-0,79									
Rump Angle	0,19									
Rear Legs Side View	-0,53									
Foot Angle	-0,29									
Fore Udder Attachment	-0,48									
Front Teat Placement	-1,27									
Teat Length	0,19									
Rear Udder Height	1,38									
Rear Udder Width	1,69									
Central Ligament	1,08									
Udder Depth	-0,65									
Rump Width	0,92									
Rear Legs Rear View	0,54									
Rear Teat Placement	-0,10									
Locomotion	-0,06									
Body Condition	-1,40									

daught. average

79,0	Frame	-0,50
78,0	Dairy Strength	1,58
78,0	Feet & Legs	0,38
76,8	Udder	0,49
	SHI	98,5
	rank	119.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
JORRIELAKE	FR005994022703	27.10.1994	LU-008

Country of origin	FR	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	07.10.1995
		FRA	951733

Pedigree

Sire	PGS	BIS-MAY TRADITION CLEITUS
NORRIELAKE CLEITUS LUKE-TWIN		US000001879085
US000002071864		CLE-003
CLE-005	PGD	NORRIELAKE VALIANT CHEER-ET
		US000012365669
Dam	MGS	TO-MAR BLACKSTAR-ET
SHEY-LAND BLACKST KARLA ET		US000001929410
US000013894019		CHR-002
	MGD	KREST-VIEW ROTATE KELLY ET
		US000012780131

Milk production data	SK 10/2018	Herds	224	Daug.	4922	Rel.	99 %	SPI	1286
Number controls		BV		Milk		Fat	%	Prot.	%
96643				511	1	-0,33	9	-0,15	SCS
									rank
									218.
									rank
									1074.

Type data	SHA 10/2018	Herds	236 / 58	Daug.	1549	78,0	Rel.	99 %	TYPE	0,54
									rank	306.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,57									
Angularity	0,81									
Chest Width	-0,83									
Body Depth	-0,78									
Rump Angle	0,28									
Rear Legs Side View	-0,30									
Foot Angle	1,42									
Fore Udder Attachment	0,06									
Front Teat Placement	0,42									
Teat Length	-1,35									
Rear Udder Height	0,26									
Rear Udder Width	0,53									
Central Ligament	1,71									
Udder Depth	-1,33									
Rump Width	0,44									
Rear Legs Rear View	1,04									
Rear Teat Placement	0,57									
Locomotion	-1,02									
Body Condition	-1,41									

daught. average	79,4	Frame	-0,72
	77,8	Dairy Strength	0,39
	78,7	Feet & Legs	1,59
	77,2	Udder	0,95
		SHI	60,4
		rank	229.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
SKALSUMER BOAZ	NL000414571903	28.03.2005	LUS-010
Country of origin	NL	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	26.07.2006
		NL	145366

Pedigree

Sire	PGS	LUKAS
LANCELOT-ET		DE001012104370
DE000578194407	PGD	DINA
LUS-011		DE001015276447
Dam	MGS	OLMO PRELUDE TUGOLO
SKALSUMER PIETJE 604		IT000908017670
NL000263772317	MGD	SKALSUMER PIETJE 513
		NL000194165811

Milk production data	SK 10/2018	Herds	28	Daug.	83	Rel.	92 %	SPI	706
Number controls		BV		Milk		Fat	%	Prot.	%
1395				-168		20	0,49	6	0,25
								SCS	2,98
								rank	327.
								rank	537.

Type data	SHA 10/2018	Herds	8 / 6	Daug.	24	79,1	Rel.	65 %	TYPE	0,53
									rank	307.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	1,52									
Angularity	-0,23									
Chest Width	0,62									
Body Depth	-0,73									
Rump Angle	0,31									
Rear Legs Side View	-0,23									
Foot Angle	0,69									
Fore Udder Attachment	0,34									
Front Teat Placement	1,08									
Teat Length	1,44									
Rear Udder Height	-0,03									
Rear Udder Width	1,05									
Central Ligament	-0,87									
Udder Depth	-0,37									
Rump Width	-0,12									
Rear Legs Rear View	-1,40									
Rear Teat Placement	-0,08									
Locomotion	-0,28									
Body Condition	1,10									

daught. average

85,6	Frame	1,44
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79,1	Dairy Strength	-0,41
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78,0	Feet & Legs	0,39
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76,2	Udder	0,04
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	SHI	42,7
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rank 288.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
HOLBRA PAULO	NL000488250432	16.08.2007	LU-044

Country of origin	NL	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	27.09.2007
		NL	162197

Pedigree

Sire	PGS	LEXVOLD LUKE HERSHEL-ET	
SANDY-VALLEY BOLTON-ET		US000002294436	LU-013
US000131823833	PGD	SANDY-VALLEY BLESSING-ET	
		US000128824973	
Dam	MGS	O-BEE MANFRED JUSTICE-ET	
HOLBRA PAULA		US000122358313	MED-012
NL000430248852	MGD	HOLBRA PETRA	
		NL000373346811	

Milk production data	SK 10/2018	Herds	20	Daug.	100	Rel.	91 %	SPI	2921
Number controls		BV		Milk		Fat		%	
1714				454	33	0,26	22	0,15	
								SCS	3,20
								rank	50.
								rank	820.

Type data	SHA 10/2018	Herds	35 / 13	Daug.	65	82,2	Rel.	79 %	TYPE	0,53
									rank	308.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,20									
Angularity	-0,53									
Chest Width	1,10									
Body Depth	1,11									
Rump Angle	-0,53									
Rear Legs Side View	0,90									
Foot Angle	0,72									
Fore Udder Attachment	1,42									
Front Teat Placement	1,44									
Teat Length	1,17									
Rear Udder Height	-0,33									
Rear Udder Width	-0,43									
Central Ligament	-0,63									
Udder Depth	0,94									
Rump Width	0,78									
Rear Legs Rear View	-0,63									
Rear Teat Placement	0,64									
Locomotion	-0,56									
Body Condition	1,09									

daught. average	84,9	Frame	0,48
	82,4	Dairy Strength	0,43
	83,8	Feet & Legs	0,34
	79,9	Udder	0,24
		SHI	109,2
		rank	93.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
HANOVERHILL LIEUTENANT	CA00000400665	16.03.1989	STB-012
Country of origin	CA	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	08.06.1990
		CAN	400665

Pedigree

Sire	PGS	ROUND OAK RAG APPLE ELEVATION
HANOVERHILL STARBUCK		US000001491007
CA000000352790	PGD	ANACRES ASTRONAUT IVANHOE
		US000008018046
Dam	MGS	MARSHFIELD ELEVATION TONY
HANOVERHILL CHIEF T LULU		US000001626813
CA000004100574	MGD	HANOVER-HILL CHIEF LULU
		US000010393552

Milk production data	SK 10/2018	Herds	20	Daug.	90	Rel.	93 %	SPI	-689
Number controls		BV		Milk		Fat		rank	613.
1679				-158		-8	-0,05	SCS	3,49
						-4	0,02	rank	1130.

Type data	SHA 10/2018	Herds	5 / 4	Daug.	11	77,9	Rel.	67 %	TYPE	0,53
								rank	309.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,12									
Angularity	0,25									
Chest Width	0,94									
Body Depth	0,31									
Rump Angle	0,34									
Rear Legs Side View	0,09									
Foot Angle	0,81									
Fore Udder Attachment	-1,15									
Front Teat Placement	-0,44									
Teat Length	0,81									
Rear Udder Height	0,77									
Rear Udder Width	0,17									
Central Ligament	0,65									
Udder Depth	-0,76									
Rump Width	-0,53									
Rear Legs Rear View	-0,62									
Rear Teat Placement	0,02									
Locomotion	1,00									
Body Condition	0,14									

daught. average

79,2	Frame	0,34
75,0	Dairy Strength	0,82
78,6	Feet & Legs	0,86
78,5	Udder	0,04
	SHI	0,4
	rank	464.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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Bull name	Registration number	Birth date	State Register
COMESTAR LADNER-ET	CA000103455300	20.02.2006	GAD-011

Country of origin	CA	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	27.06.2006
		CA	DC164554

Pedigree

Sire	PGS	SHOREMAR JAMES	
BRAEDALE GOLDWYN-ET		CA000005902195	
CA000010705608	PGD	BRAEDALE BALER TWINE-ET	
GAD-002		CA000006860888	
Dam	MGS	CALBRETT-I H H CHAMPION-ET	
COMESTAR LAUSINADIA CHAMPION-ET		CA000006961162	RUH-002
CA000101760541	MGD	COMESTAR LAUSINA STORM	
		CA000006951750	

Milk production data	SK 10/2018	Herds	11	Daug.	230	Rel.	96 %	SPI	-900
Number controls		BV		Milk		Fat	%	rank	669.
3820				-75		-6	-0,07	SCS	3,12
						-1	-0,17	rank	706.

Type data	SHA 10/2018	Herds	9 / 2	Daug.	78	80,4	Rel.	82 %	TYPE	0,53
								rank	310.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,56									
Angularity	0,88									
Chest Width	-1,27									
Body Depth	-1,57									
Rump Angle	0,64									
Rear Legs Side View	-0,51									
Foot Angle	-0,37									
Fore Udder Attachment	1,54									
Front Teat Placement	0,84									
Teat Length	-0,67									
Rear Udder Height	2,22									
Rear Udder Width	0,03									
Central Ligament	0,94									
Udder Depth	1,50									
Rump Width	-1,15									
Rear Legs Rear View	-0,60									
Rear Teat Placement	0,71									
Locomotion	1,05									
Body Condition	-1,44									

daught. average	83,9	Frame	-0,33
	80,7	Dairy Strength	-0,41
	80,7	Feet & Legs	0,17
	78,4	Udder	1,37
		SHI	-6,0
		rank	487.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
ART-ACRES MTOTO DOUG 444-ET	US000060077538	17.02.2000	PEL-030

Country of origin	US	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	29.10.2004
		US	IMMGN 6543C

Pedigree

Sire	PGS	RONNYBROOK PRELUDE-ET
CAROL PRELUDE MTOTO-ET		CA000000392457
IT006001001962	PGD	BLACKSTAR BETSY-ET
		US000014459466
		STB-016
Dam	MGS	MJR BLACKSTAR EMORY-ET
ART-ACRES EMORY K KAY-ET		US000002114601
US000017010637	MGD	ART- ACRES AEROSTAR KAY K-ET
		US000014899290

Milk production data	SK 10/2018	Herds	82	Daug.	1609	Rel.	99 %	SPI	1232
Number controls		BV		Milk		Fat	%	rank	230.
34543				579		2	-0,35	SCS	2,78
								rank	287.

Type data	SHA 10/2018	Herds	125 / 26	Daug.	624	79,8	Rel.	98 %	TYPE	0,53
								rank	311.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,19									
Angularity	-0,36									
Chest Width	0,69									
Body Depth	0,70									
Rump Angle	-0,81									
Rear Legs Side View	0,44									
Foot Angle	-0,63									
Fore Udder Attachment	0,18									
Front Teat Placement	0,58									
Teat Length	-0,42									
Rear Udder Height	-0,11									
Rear Udder Width	1,37									
Central Ligament	0,38									
Udder Depth	-1,13									
Rump Width	1,27									
Rear Legs Rear View	-0,14									
Rear Teat Placement	0,90									
Locomotion	0,74									
Body Condition	0,58									

daught. average

82,6	Frame	0,14
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80,3	Dairy Strength	0,38
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80,1	Feet & Legs	-0,42
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78,0	Udder	0,83
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	SHI	58,2
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rank 234.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
MARS BRANDUS	NL000362231311	30.06.2003	RMB-001

Country of origin	NL	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	29.09.2003
		NLD	104502

Pedigree

Sire	PGS	NEWHOUSE RONALD
REMBRANDT		NL000777430664
NL000162272824	PGD	JANNA 209
		NL000612462346
Dam	MGS	DELTA NOVALIS
FROUKJE 277		NL000817118723
NL000226625548	MGD	FROUKJE 219
		NL000838621088

Milk production data	SK 10/2018	Herds	34	Daug.	76	Rel.	90 %	SPI	995
Number controls		BV		Milk		Prot.		rank	278.
1574				-218	26	0,66	9	SCS	3,08
								rank	661.

Type data	SHA 10/2018	Herds	13 / 10	Daug.	21	79,0	Rel.	58 %	TYPE	0,53
								rank	312.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,52									
Angularity	0,92									
Chest Width	-0,12									
Body Depth	-0,99									
Rump Angle	-1,67									
Rear Legs Side View	0,95									
Foot Angle	0,89									
Fore Udder Attachment	0,57									
Front Teat Placement	1,25									
Teat Length	-0,16									
Rear Udder Height	1,24									
Rear Udder Width	2,19									
Central Ligament	-1,17									
Udder Depth	1,12									
Rump Width	0,34									
Rear Legs Rear View	-0,64									
Rear Teat Placement	-0,69									
Locomotion	-0,72									
Body Condition	-0,61									

daught. average

80,5	Frame	-0,52
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79,5	Dairy Strength	0,60
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78,0	Feet & Legs	-0,12
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78,0	Udder	0,77
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	SHI	51,1
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rank 257.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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Bull name	Registration number	Birth date	State Register
RIDGE-STAR JAMMER-ET	US000130247861	06.06.2000	MNA-017

Country of origin	US	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	22.02.2005
		US	IMMGN 21319A

Pedigree

Sire	PGS	BIS-MAY S-E-L MOUNTAIN-ET	
DE-KA-ACRES MOUNT EARL-ET		US000002070579	RAY-002
US000002261692	PGD	ROCKY-VU ELTON EDNA ELI-ET	
		US000014189172	
Dam	MGS	ZIELLAND ZEBO	
RIDGE-STAR ZEBO JOYOUS		US000002137511	MEW-003
US000015867999	MGD	RIDGE-STAR LEADMAN JULIE-ET	
		US000014244258	

Milk production data	SK 10/2018	Herds	12	Daug.	347	Rel.	98 %	SPI	1288
Number controls		BV		Milk		Fat	%	Prot.	%
6824				241	15	0,09	9	0,02	SCS
									rank
									214.
									rank
									364.

Type data	SHA 10/2018	Herds	28 / 4	Daug.	236	81,3	Rel.	93 %	TYPE	0,52
									rank	313.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	1,09									
Angularity	0,07									
Chest Width	-1,18									
Body Depth	-1,68									
Rump Angle	2,02									
Rear Legs Side View	-0,82									
Foot Angle	0,05									
Fore Udder Attachment	1,56									
Front Teat Placement	0,89									
Teat Length	-1,01									
Rear Udder Height	0,83									
Rear Udder Width	0,14									
Central Ligament	0,72									
Udder Depth	1,33									
Rump Width	-1,33									
Rear Legs Rear View	1,06									
Rear Teat Placement	1,73									
Locomotion	0,08									
Body Condition	-0,23									

daught. average	83,8	Frame	0,32
	79,4	Dairy Strength	-1,57
	83,0	Feet & Legs	0,51
	80,0	Udder	1,21
		SHI	59,8
		rank	230.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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Bull name	Registration number	Birth date	State Register
CREYHORST CLOR 2	NL000143254005	25.08.1995	ORK-001
Country of origin	NL	Breed	R87,5 M12,5
Distributor	INSEMAS s.r.o.	Herdbook	HB
		Paternity	14.04.1997
		NL	24105

Pedigree

Sire	PGS	ORKAN
CLARA S ORKAN RED		DE001004565147
NL000283076619	PGD	CLARA 36
		NL000281006676
Dam	MGS	PIGEONWOOD RED-ET
BETJE 50		NL000953840847
NL000782551886	MGD	BETJE 44
		NL000960711372

Milk production data	SK 10/2018	Herds	46	Daug.	568	Rel.	99 %	SPI	-683
Number controls		BV		Milk		Fat	%	rank	611.
11344				-395		0	0,30	SCS	2,97
						-2	0,23	rank	523.

Type data	SHA 10/2018	Herds	13 / 4	Daug.	108	78,8	Rel.	87 %	TYPE	0,52
								rank	314.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,87									
Angularity	0,32									
Chest Width	0,46									
Body Depth	0,22									
Rump Angle	0,08									
Rear Legs Side View	-0,88									
Foot Angle	-0,09									
Fore Udder Attachment	1,39									
Front Teat Placement	0,88									
Teat Length	-1,39									
Rear Udder Height	0,74									
Rear Udder Width	1,78									
Central Ligament	0,41									
Udder Depth	-0,55									
Rump Width	-1,41									
Rear Legs Rear View	-0,69									
Rear Teat Placement	-0,87									
Locomotion	-1,02									
Body Condition	1,26									

daught. average

81,8	Frame	-0,72
79,6	Dairy Strength	0,65
80,0	Feet & Legs	0,12
76,4	Udder	1,17
	SHI	0,3
	rank	466.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

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Bull name	Registration number	Birth date	State Register
GEMIDGE	FR005991023330	02.12.1991	BEL-020
Country of origin	FR	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	10.09.1998
		FR	92051273.1

Pedigree

Sire	PGS	CARLIN-M IVANHOE BELL
SOUTHWIND BELL OF BAR-LEE		US000001667366
US000001964484	PGD	SOUTHWIND VALIANT NAOMA-ET
BEL-001		US000011489023
Dam	MGS	WHITTIER-FARMS NED BOY
QUIETCOVE-PEG NB MIDGE-ET		US000001806201
US000012871367	MGD	ERIC-DEW MARS MARCY
		US000010191243

Milk production data	SK 10/2018	Herds	296	Daug.	5570	Rel.	99 %	SPI	898
Number controls		BV		Milk		Fat	%	Prot.	%
114380				205		4	-0,08	8	0,03
								SCS	3,73
								rank	1234.

Type data	SHA 10/2018	Herds	151 / 51	Daug.	1400	77,5	Rel.	99 %	TYPE	0,52
									rank	315.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,26									
Angularity	-0,66									
Chest Width	1,25									
Body Depth	1,28									
Rump Angle	-0,12									
Rear Legs Side View	-0,23									
Foot Angle	-1,09									
Fore Udder Attachment	0,77									
Front Teat Placement	0,73									
Teat Length	-1,61									
Rear Udder Height	0,19									
Rear Udder Width	0,23									
Central Ligament	0,25									
Udder Depth	-0,18									
Rump Width	0,29									
Rear Legs Rear View	0,67									
Rear Teat Placement	0,32									
Locomotion	-0,00									
Body Condition	0,97									

daught. average

80,4	Frame	0,63
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76,3	Dairy Strength	0,20
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77,4	Feet & Legs	-0,82
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76,8	Udder	0,79
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	SHI	47,9
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rank 272.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

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Bull name	Registration number	Birth date	State Register
WELCOME GENOMICS-ET	US000064519111	22.05.2008	EMY-025
Country of origin	US	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	20.04.2009
		US	M09051803

Pedigree

Sire	PGS	FUSTEAD EMORY BLITZ-ET
EMERALD-ACR-SA T-BAXTER		US000017013604
US000132973942	PGD	EMERALD-ACR-SA T-MALLORY-ET
EMY-019		US000130227821
Dam	MGS	BO-IRISH ALTON-ET
WELCOME ALTON GINNI-ET		US000131102143
US000062851367	MGD	WELCOME ORION GINETTE
		US000060512217

Milk production data	SK 10/2018	Herds	14	Daug.	89	Rel.	89 %	SPI	4597
Number controls		BV		Milk		Fat		rank	6.
1205				1046		47	0,10	SCS	2,53
						29	-0,07	rank	94.

Type data	SHA 10/2018	Herds	17 / 8	Daug.	40	81,1	Rel.	70 %	TYPE	0,52
								rank	316.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	1,31									
Angularity	1,09									
Chest Width	-0,97									
Body Depth	-0,32									
Rump Angle	0,72									
Rear Legs Side View	0,49									
Foot Angle	0,39									
Fore Udder Attachment	-0,44									
Front Teat Placement	0,16									
Teat Length	1,91									
Rear Udder Height	0,83									
Rear Udder Width	0,48									
Central Ligament	1,84									
Udder Depth	-0,26									
Rump Width	-1,22									
Rear Legs Rear View	0,29									
Rear Teat Placement	0,50									
Locomotion	-1,67									
Body Condition	-1,70									

daught. average

85,0	Frame	0,83
81,2	Dairy Strength	0,28
81,4	Feet & Legs	-0,27
78,8	Udder	0,46
	SHI	159,3
	rank	28.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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Bull name	Registration number	Birth date	State Register
WINDY-KNOLL-VIEW PHOENIX-ET	US000062968892	15.03.2006	GAD-003

Country of origin	US	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	13.10.2006
		US	M06020327

Pedigree

Sire	PGS	SHOREMAR JAMES
BRAEDALE GOLDWYN-ET		CA000005902195
CA000010705608	PGD	BRAEDALE BALER TWINE-ET
GAD-002		CA000006860888
Dam	MGS	COMESTAR OUTSIDE-ET
WINDY-KNOLL-VIEW PLEDGE-ET		CA000006026421
US000132816010	MGD	WINDY-KNOLL-VIEW PROMIS-ET
		US000018049401

Milk production data	SK 10/2018	Herds	18	Daug.	230	Rel.	97 %	SPI	-1722
Number controls		BV		Milk		Fat		rank	866.
4710				-512		-1	0,19	SCS	2,70
						-12	0,10	rank	199.

Type data	SHA 10/2018	Herds	28 / 13	Daug.	138	80,3	Rel.	89 %	TYPE	0,51
								rank	317.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	1,80									
Angularity	1,30									
Chest Width	-2,07									
Body Depth	-2,19									
Rump Angle	1,33									
Rear Legs Side View	-0,53									
Foot Angle	0,01									
Fore Udder Attachment	1,34									
Front Teat Placement	-0,03									
Teat Length	-0,05									
Rear Udder Height	1,45									
Rear Udder Width	0,29									
Central Ligament	0,45									
Udder Depth	1,92									
Rump Width	-1,26									
Rear Legs Rear View	-0,02									
Rear Teat Placement	0,24									
Locomotion	0,20									
Body Condition	-1,74									

daught. average

84,8	Frame	0,78
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80,0	Dairy Strength	-1,05
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81,0	Feet & Legs	0,08
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77,9	Udder	0,79
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	SHI	-31,3
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rank 593.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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Bull name	Registration number	Birth date	State Register
BLACKLAND	FR004509626937	01.09.2006	MNA-014
Country of origin	FR	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	26.06.2007
		FR	F/S401050

Pedigree

Sire	PGS	ETAZON ADDISON-ET	
VEAZLAND MARION-ET		NL000839380546	
US000130153294	PGD	VEAZLAND FORMATION MISSA-ET	
		US000017346766	
Dam	MGS	O-BEE MANFRED JUSTICE-ET	
VOLKA EHB		US000122358313	MED-012
FR004509624743	MGD	SAMBA EHB	
		FR004509621468	

Milk production data	SK 10/2018	Herds	63	Daug.	597	Rel.	99 %	SPI	3162
Number controls		BV		Milk		Fat		rank	35.
11921				747		28	-0,03	SCS	3,25
								rank	884.

Type data	SHA 10/2018	Herds	46 / 16	Daug.	183	80,1	Rel.	92 %	TYPE	0,51
								rank	318.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,73									
Angularity	-1,80									
Chest Width	2,85									
Body Depth	1,78									
Rump Angle	0,65									
Rear Legs Side View	-1,77									
Foot Angle	0,95									
Fore Udder Attachment	-1,44									
Front Teat Placement	1,94									
Teat Length	1,48									
Rear Udder Height	-1,60									
Rear Udder Width	1,75									
Central Ligament	-0,22									
Udder Depth	-2,59									
Rump Width	3,30									
Rear Legs Rear View	1,05									
Rear Teat Placement	1,29									
Locomotion	1,45									
Body Condition	1,66									

daught. average

85,1	Frame	1,76
80,2	Dairy Strength	-0,03
82,7	Feet & Legs	1,68
76,3	Udder	-1,21
	SHI	115,9
	rank	81.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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Bull name	Registration number	Birth date	State Register
RICHESSÉ STONEHAM-ET	CA000006264421	24.10.1994	LEP-004
Country of origin	CA	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	25.04.1995
		CAN	346901

Pedigree

Sire	PGS	HANOVER-HILL INSPIRATION
HALDREY LEADERSHIP		CA000000363162
CA000000397763	PGD	HALDREY SHEIK NANCY
		CA000003514340
Dam	MGS	MEADOLAKE JUBILANT-ET
GOLOISE STORA JUBILANT		CA000000376455
CA000004766707	MGD	GOLOISE SUBY STARBUCK
		CA000004447973

Milk production data	SK 10/2018	Herds	30	Daug.	281	Rel.	97 %	SPI	-1242
Number controls		BV		Milk		Fat		rank	741.
5437				-487		-7	0,22	SCS	2,87
								rank	374.

Type data	SHA 10/2018	Herds	20 / 10	Daug.	88	78,3	Rel.	85 %	TYPE	0,51
								rank	319.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	1,85									
Angularity	0,55									
Chest Width	-1,02									
Body Depth	0,41									
Rump Angle	-1,41									
Rear Legs Side View	0,19									
Foot Angle	1,43									
Fore Udder Attachment	-0,53									
Front Teat Placement	0,71									
Teat Length	-1,22									
Rear Udder Height	-1,17									
Rear Udder Width	-1,35									
Central Ligament	1,05									
Udder Depth	0,48									
Rump Width	0,45									
Rear Legs Rear View	-1,18									
Rear Teat Placement	0,62									
Locomotion	-0,87									
Body Condition	-0,27									

daught. average

82,1	Frame	1,40
78,6	Dairy Strength	0,44
77,6	Feet & Legs	0,42
76,7	Udder	-0,58
	SHI	-16,9
	rank	538.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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Bull name	Registration number	Birth date	State Register
ROEVER-ET	DE000661348097	15.10.1999	ROS-004

Country of origin	DE	Breed	R100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	20.01.2000
		DEU	00/1231

Pedigree

Sire	PGS	MADAWASKA AEROSTAR
ROELS		CA000000383622
DE000101645705	PGD	NORDWIND 22
		DE000107482151
Dam	MGS	ANTHEM
JASMIN 1614		CA000000382582
DE000660021368	MGD	IVONNE 132
		DE000660021370

Milk production data	SK 10/2018	Herds	83	Daug.	1218	Rel.	99 %	SPI	-954
Number controls		BV		Milk		Fat		rank	682.
26191				-151		-18	-0,25	SCS	3,81
						-4	0,01	rank	1251.

Type data	SHA 10/2018	Herds	32 / 14	Daug.	352	78,2	Rel.	96 %	TYPE	0,51
								rank	320.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	1,00									
Angularity	1,11									
Chest Width	0,03									
Body Depth	0,09									
Rump Angle	0,20									
Rear Legs Side View	-2,32									
Foot Angle	0,98									
Fore Udder Attachment	-0,72									
Front Teat Placement	-2,51									
Teat Length	1,49									
Rear Udder Height	-0,01									
Rear Udder Width	-0,41									
Central Ligament	-0,33									
Udder Depth	-0,12									
Rump Width	0,26									
Rear Legs Rear View	0,41									
Rear Teat Placement	-0,66									
Locomotion	0,90									
Body Condition	-0,16									

daught. average

81,8	Frame	1,02
79,0	Dairy Strength	1,44
79,1	Feet & Legs	1,52
75,4	Udder	-1,23
	SHI	-8,3
	rank	500.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
CORBEIL DELCO	CA000005296742	18.11.1990	JUB-013
Country of origin	CA	Breed	R100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	08.08.1991
		CAN	253182

Pedigree

Sire	PGS	HANOVER-HILL TRIPLE THREAT-RED
MEADOLAKE JUBILANT-ET		US000001629391
CA000000376455	PGD	CASS RIDGE R MAPLE JAZZ
		CA000003003616
Dam	MGS	DESLACS ROCKMAN LYNMACK
CORBEIL LYNMACK DESIREE		CA000000333391
CA000003615945	MGD	CORBEIL TONDRA DINA
		CA000003376836

Milk production data	SK 10/2018	Herds	140	Daug.	1765	Rel.	99 %	SPI	-1459
Number controls		BV		Milk		Fat		rank	800.
34979				-341		-1	0,05	SCS	3,47
						-11	-0,02	rank	1120.

Type data	SHA 10/2018	Herds	13 / 7	Daug.	77	76,4	Rel.	87 %	TYPE	0,51
								rank	321.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,87									
Angularity	-1,78									
Chest Width	0,97									
Body Depth	1,64									
Rump Angle	0,62									
Rear Legs Side View	-0,07									
Foot Angle	-0,68									
Fore Udder Attachment	-0,07									
Front Teat Placement	0,69									
Teat Length	-0,56									
Rear Udder Height	0,99									
Rear Udder Width	0,90									
Central Ligament	-0,27									
Udder Depth	-0,66									
Rump Width	-0,46									
Rear Legs Rear View	0,52									
Rear Teat Placement	0,44									
Locomotion	0,17									
Body Condition	1,69									

daught. average

80,1	Frame	1,15
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72,7	Dairy Strength	-1,42
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77,3	Feet & Legs	0,32
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76,0	Udder	0,64
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	SHI	-23,7
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rank 565.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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Bull name	Registration number	Birth date	State Register
ZAEMSLACH JUNO	NL000394346135	16.03.2005	MED-013
Country of origin	NL	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	28.06.2005
		NL	128382

Pedigree

Sire	PGS	HA-HO CUBBY MANFRED-ET US000002183007
O-BEE MANFRED JUSTICE-ET US000122358313 MED-012	PGD	MEIER-MEADOWS EL JEZEBEL-ET US000015459080
Dam	MGS	ETAZON ADDISON-ET NL000839380546
SJOUKJE 18 NL000287540877	MGD	SJOUKJE 14 NL000224638373

Milk production data	SK 10/2018	Herds	35	Daug.	251	Rel.	97 %	SPI	1573
Number controls	5361	BV		Milk	96	Fat	23	%	0,35
		Prot.	13	%	0,20	rank		SCS	2,81
						rank			322.

Type data	SHA 10/2018	Herds	13 / 9	Daug.	29	79,2	Rel.	72 %	TYPE	0,51
								rank		322.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,41									
Angularity	-1,32									
Chest Width	1,54									
Body Depth	1,42									
Rump Angle	0,12									
Rear Legs Side View	-0,78									
Foot Angle	0,83									
Fore Udder Attachment	0,31									
Front Teat Placement	-0,29									
Teat Length	0,29									
Rear Udder Height	-1,08									
Rear Udder Width	-0,90									
Central Ligament	-0,70									
Udder Depth	0,27									
Rump Width	0,32									
Rear Legs Rear View	0,29									
Rear Teat Placement	-0,47									
Locomotion	1,72									
Body Condition	1,41									

daught. average

82,3	Frame	1,04
79,6	Dairy Strength	-0,08
79,6	Feet & Legs	1,47
76,9	Udder	-0,77
	SHI	67,7
	rank	202.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

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Bull name	Registration number	Birth date	State Register
J-P-J-F NASSAU-ET	US000002138545	19.07.1990	TG-001
Country of origin	US	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	08.03.1991
		USA	IG151670A

Pedigree

Sire	PGS	MARSHFIELD ELEVATION TONY
OPPERMAN TONG-ET		US000001626813
US000001918191	PGD	OPPERMAN CHIEF AMY SHELSEA
		US000009115116
Dam	MGS	ARLINDA ROTATE
MISS CROCKETT R NATASHA-ET		US000001697572
US0000012951528	MGD	NFL-B CROCKETT FARMS ROSIE-ET
		US0000012314043

Milk production data	SK 10/2018	Herds	54	Daug.	462	Rel.	98 %	SPI	-1671
Number controls		BV		Milk		Fat		rank	855.
8621				-293		-9	0,03	SCS	2,81
						-16	-0,16	rank	324.

Type data	SHA 10/2018	Herds	17 / 13	Daug.	66	77,6	Rel.	84 %	TYPE	0,50
								rank	323.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,49					■				
Angularity	0,78						■			
Chest Width	-0,19					■				
Body Depth	-0,47					■				
Rump Angle	-0,74					■				
Rear Legs Side View	0,55						■			
Foot Angle	0,18						■			
Fore Udder Attachment	0,49						■			
Front Teat Placement	0,53						■			
Teat Length	-0,90					■				
Rear Udder Height	0,63						■			
Rear Udder Width	-0,19					■				
Central Ligament	0,61						■			
Udder Depth	0,68						■			
Rump Width	0,57						■			
Rear Legs Rear View	-0,12							■		
Rear Teat Placement	-1,48					■				
Locomotion	0,49							■		
Body Condition	-0,02									

daught. average

79,3	Frame	-0,46
75,7	Dairy Strength	0,99
78,4	Feet & Legs	0,64
77,3	Udder	0,65
	SHI	-30,4
	rank	588.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
MARYLINE RADICAL-ET	US000135733208	19.05.2004	PAW-003
Country of origin	US	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	20.01.2005
		USA	HU2005002790

Pedigree

Sire	PGS	PARKER AERO WADE-ET
MIL-JOY WADE VIXEN-ET		US000002182318
US000121883236		ARS-020
	PGD	MIL-JOY MASCOT VALENTINO-ET
		US000015147760
Dam	MGS	REGANCREST ELTON DURHAM-ET
MARYLINE DURHAM OREO-ET		US000002250783
US000131118454		
	MGD	MARYLINE KJUROR SAMMY-ET
		US000017061622

Milk production data	SK 10/2018	Herds	32	Daug.	103	Rel.	93 %	SPI	-476	
Number controls		BV		Milk		Fat	%	Prot.	%	
2044				16	-18	-0,36	-0	-0,02		
									rank	562.
									SCS	3,09
									rank	687.

Type data	SHA 10/2018	Herds	17 / 11	Daug.	37	79,1	Rel.	71 %	TYPE	0,50	
										rank	324.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,60									
Angularity	0,91									
Chest Width	-0,72									
Body Depth	-1,31									
Rump Angle	0,04									
Rear Legs Side View	0,01									
Foot Angle	-0,60									
Fore Udder Attachment	0,74									
Front Teat Placement	0,88									
Teat Length	-1,16									
Rear Udder Height	1,14									
Rear Udder Width	-0,46									
Central Ligament	-0,62									
Udder Depth	1,05									
Rump Width	-0,90									
Rear Legs Rear View	0,88									
Rear Teat Placement	0,13									
Locomotion	2,31									
Body Condition	-0,34									

daught. average

80,8	Frame	0,10
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79,0	Dairy Strength	0,59
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80,2	Feet & Legs	1,20
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77,7	Udder	-0,19
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	SHI	5,5
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rank 443.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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Bull name	Registration number	Birth date	State Register
RONELEE SUPER DEAN-ET	US000140969366	03.11.2010	AML-007
Country of origin	US	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	29.07.2011
		US	M11079079

Pedigree

Sire _____ **PGS** END-ROAD PVF BOLIVER-ET
CHARLESDALE SUPERSTITION-ET
US000062065919
AML-004 **PGD** CHARLESDALE SWEET STAR
US000133701030

Dam _____ **MGS** JENNY-LOU MRSHL TOYSTORY-ET
RONELEE TOYSTORY DARVA
US000138151278 **MGD** RONELEE OUTSIDE DABBLE-ET
US000134644585 **BW-053**

Milk production data	SK 10/2018	Herds	24	Daug.	378	Rel.	97 %	SPI	3700
Number controls		BV		Milk		Fat	%	rank	23.
5850				1103		8	-0,54	SCS	2,39
						30	-0,08	rank	41.

Type data	SHA 10/2018	Herds	54 / 11	Daug.	184	81,8	Rel.	91 %	TYPE	0,49
								rank	325.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,23									
Angularity	0,96									
Chest Width	0,35									
Body Depth	0,01									
Rump Angle	0,01									
Rear Legs Side View	-0,71									
Foot Angle	-0,23									
Fore Udder Attachment	1,39									
Front Teat Placement	0,71									
Teat Length	0,55									
Rear Udder Height	1,36									
Rear Udder Width	0,02									
Central Ligament	-0,35									
Udder Depth	2,09									
Rump Width	-0,23									
Rear Legs Rear View	-0,39									
Rear Teat Placement	0,19									
Locomotion	-0,83									
Body Condition	-0,02									

daught. average

84,8	Frame	0,23
81,9	Dairy Strength	0,77
82,5	Feet & Legs	-0,50
79,8	Udder	0,50
	SHI	131,2
	rank	50.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

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Bull name	Registration number	Birth date	State Register
HARTLINE AEROSTAR THEO	US000002246936	26.12.1993	ARS-024
Country of origin	Distributor	Breed	H100
US	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	03.10.1994
		USA	IG202464C

Pedigree

Sire	PGS	HANOVERHILL STARBUCK
MADAWASKA AEROSTAR	CA000000352790	
CA000000383622	PGD	MADAWASKA SHADY
STB-011	CA0000003511527	
Dam	MGS	ROTHROCK TRADITION LEADMAN
DOCO LEADMAN TENACIOUS	US000001983348	TDN-004
US000014734618	MGD	DOCO MARK TRISHA-ET
	US000013740002	

Milk production data	SK 10/2018	Herds	36	Daug.	293	Rel.	97 %	SPI	4
Number controls		BV		Milk		Fat		rank	466.
5603				113		-6	-0,21	SCS	3,40
						0	-0,07	rank	1058.

Type data	SHA 10/2018	Herds	30 / 13	Daug.	113	78,6	Rel.	88 %	TYPE	0,49
								rank	326.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,76									
Angularity	1,03									
Chest Width	-1,15									
Body Depth	-2,20									
Rump Angle	0,46									
Rear Legs Side View	-1,49									
Foot Angle	0,89									
Fore Udder Attachment	-0,08									
Front Teat Placement	0,20									
Teat Length	1,63									
Rear Udder Height	0,80									
Rear Udder Width	0,45									
Central Ligament	0,62									
Udder Depth	0,17									
Rump Width	-1,41									
Rear Legs Rear View	-0,12									
Rear Teat Placement	1,17									
Locomotion	-0,36									
Body Condition	0,39									

daught. average

81,5	Frame	0,09
78,7	Dairy Strength	-0,00
78,6	Feet & Legs	0,63
77,2	Udder	0,82
	SHI	19,6
	rank	378.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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Bull name	Registration number	Birth date	State Register
WA-DEL RICE HOLMAN-ET	US000135488612	10.04.2004	MED-021
Country of origin	US	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	15.02.2005
		US	M05003199

Pedigree

Sire	PGS	HA-HO CUBBY MANFRED-ET US000002183007
O-BEE MANFRED JUSTICE-ET US000122358313 MED-012	PGD	MEIER-MEADOWS EL JEZEBEL-ET US000015459080
Dam	MGS	CAROL PRELUDE MTOTO-ET IT006001001962
DARLAWN MTOTO HONIBEA US000127898487	MGD	DARLAWN RUDOLPH HERA-ET US000017362271

Milk production data	SK 10/2018	Herds	7	Daug.	171	Rel.	96 %	SPI	3074
Number controls		BV		Milk		Fat	%	Prot.	%
3703				852	20	-0,21	21	-0,11	SCS
									rank
									...
									rank
									...

Type data	SHA 10/2018	Herds	15 / 3	Daug.	148	80,6	Rel.	90 %	TYPE	0,48
									rank	327.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,72									
Angularity	-0,70									
Chest Width	0,45									
Body Depth	-0,66									
Rump Angle	0,00									
Rear Legs Side View	-0,61									
Foot Angle	0,37									
Fore Udder Attachment	1,35									
Front Teat Placement	1,83									
Teat Length	-0,57									
Rear Udder Height	-0,19									
Rear Udder Width	-0,06									
Central Ligament	-0,14									
Udder Depth	1,02									
Rump Width	1,26									
Rear Legs Rear View	-0,13									
Rear Teat Placement	0,59									
Locomotion	0,51									
Body Condition	0,01									

daught. average

84,9	Frame	0,66
80,6	Dairy Strength	-0,75
81,2	Feet & Legs	0,23
78,3	Udder	0,75
	SHI	112,0
	rank	88.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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Bull name	Registration number	Birth date	State Register
SHOREMAR MAGNITUDE-ET	CA000006058482	28.03.1994	PEL-005
Country of origin	CA	Breed	H100
Distributor	Kanada	Herdbook	HA
		Paternity	

Pedigree

Sire	PGS	HANOVERHILL STARBUCK
RONNYBROOK PRELUDE-ET		CA000000352790
CA000000392457	PGD	KELLYS-VIEW GLENDELL KELCO
STB-016		US000009739109
Dam	MGS	A TOWNSON LINDY-ET
SHOREMAR LINDY MAGGIE		CA000000382748
CA000005280005	MGD	MEADOW BRIDGE MEGAN-ET
		CA000004244417

Milk production data	SK 10/2018	Herds	60	Daug.	471	Rel.	98 %	SPI	-600
Number controls		BV		Milk		Fat	%	rank	593.
8441				-36		-5	-0,07	Prot.	rank
							-7	SCS	3,00
							-0,13	rank	559.

Type data	SHA 10/2018	Herds	10 / 8	Daug.	21	77,7	Rel.	74 %	TYPE	0,48
								rank	328.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,39									
Angularity	-0,09									
Chest Width	-0,62									
Body Depth	0,12									
Rump Angle	0,70									
Rear Legs Side View	-0,68									
Foot Angle	-0,74									
Fore Udder Attachment	-0,26									
Front Teat Placement	0,40									
Teat Length	-0,64									
Rear Udder Height	-0,01									
Rear Udder Width	-0,03									
Central Ligament	-0,83									
Udder Depth	-0,34									
Rump Width	1,25									
Rear Legs Rear View	1,07									
Rear Teat Placement	-0,18									
Locomotion	0,91									
Body Condition	0,00									

daught. average

80,3	Frame	0,42
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76,4	Dairy Strength	0,30
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78,0	Feet & Legs	0,37
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76,7	Udder	0,06
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	SHI	1,0
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rank 459.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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Bull name	Registration number	Birth date	State Register
ELBERT	NL000102846203	27.09.1993	LAD-003

Country of origin	NL	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	20.10.1994
		NLD	861432

Pedigree

Sire	PGS	SWEET-HAVEN TRADITION
ROTHROCK TRADITION LEADMAN		US000001682485
US000001983348	PGD	WALKUP VALIANT LOU ELLA
TDN-004		US000010930744
Dam	MGS	WHITTIER-FARMS NED BOY
ODYSSEY ELVIRA		US000001806201
US000013005023	MGD	DREAMSTR ELIZA
		US000010989762

Milk production data	SK 10/2018	Herds	79	Daug.	432	Rel.	98 %	SPI	-998
Number controls		BV		Milk		Fat		rank	694.
8976				-250		-4	0,10	SCS	2,87
						-9	-0,02	rank	381.

Type data	SHA 10/2018	Herds	11 / 11	Daug.	17	77,2	Rel.	65 %	TYPE	0,47
								rank	329.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,06									
Angularity	1,10									
Chest Width	-0,49									
Body Depth	-0,03									
Rump Angle	-0,04									
Rear Legs Side View	-0,33									
Foot Angle	1,32									
Fore Udder Attachment	-0,80									
Front Teat Placement	-0,22									
Teat Length	-0,65									
Rear Udder Height	0,10									
Rear Udder Width	0,27									
Central Ligament	0,09									
Udder Depth	0,26									
Rump Width	-0,45									
Rear Legs Rear View	1,62									
Rear Teat Placement	1,53									
Locomotion	-0,77									
Body Condition	-1,20									

daught. average

79,0	Frame	-0,04
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75,6	Dairy Strength	1,49
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79,2	Feet & Legs	1,09
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76,2	Udder	-0,00
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	SHI	-11,1
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rank 512.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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Bull name	Registration number	Birth date	State Register
KOEPON 7799 KAPO	NL000722777996	07.10.2011	MED-031

Country of origin	NL	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	19.04.2012
		NL	409450

Pedigree

Sire	PGS	O-BEE MANFRED JUSTICE-ET
BADGER-BLUFF FANNY FREDDIE		US000122358313
US000060996956		MED-012
	PGD	BADGER-BLUFF FLO FANNY-TW
		US000051854015
Dam	MGS	ENSENADA TABOO PLANET-ET
DONNANVIEW A PLANET SOLO		US000060597003
CA000009889488		BS-050
	MGD	BELFAST M GOLDWYN SHELLY-ET
		CA000103506685

Milk production data	SK 10/2018	Herds	99	Daug.	2290	Rel.	99 %	SPI	3914
Number controls		BV		Milk		Fat	%	rank	18.
30651				792	35	0,07	29	SCS	2,73
								rank	228.

Type data	SHA 10/2018	Herds	124 / 37	Daug.	645	81,3	Rel.	97 %	TYPE	0,47
								rank	330.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	1,07									
Angularity	0,91									
Chest Width	-0,62									
Body Depth	-0,94									
Rump Angle	-1,12									
Rear Legs Side View	1,30									
Foot Angle	-0,92									
Fore Udder Attachment	0,61									
Front Teat Placement	0,61									
Teat Length	-0,48									
Rear Udder Height	0,37									
Rear Udder Width	0,82									
Central Ligament	0,13									
Udder Depth	0,73									
Rump Width	0,45									
Rear Legs Rear View	-0,75									
Rear Teat Placement	1,14									
Locomotion	0,59									
Body Condition	-0,70									

daught. average

85,0	Frame	0,71
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81,2	Dairy Strength	0,05
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82,1	Feet & Legs	-1,00
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78,9	Udder	0,54
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	SHI	136,9
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rank 42.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
BERT	FR005376969715	12.11.2006	BES-013

Country of origin	FR	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	09.01.2007
		FR	F/S 374626

Pedigree

Sire	PGS	JOCKO BESN
JEFFERSON-ET		FR005694028588
DE000347023457	PGD	HEITA
		DE001012346409
Dam	MGS	NEGUNDO
UMA 618		FR002997001110
FR005376969618	MGD	DHM RAMINE
		FR005383280291

Milk production data	SK 10/2018	Herds	30	Daug.	110	Rel.	93 %	SPI	32
Number controls		BV		Milk		Fat		rank	458.
2278				253		-15	-0,46	2	-0,14
								SCS	2,69
								rank	188.

Type data	SHA 10/2018	Herds	17 / 9	Daug.	47	79,5	Rel.	75 %	TYPE	0,47
								rank	331.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	1,44									
Angularity	-1,07									
Chest Width	0,02									
Body Depth	-1,51									
Rump Angle	1,85									
Rear Legs Side View	-1,72									
Foot Angle	1,10									
Fore Udder Attachment	0,51									
Front Teat Placement	-0,52									
Teat Length	-0,32									
Rear Udder Height	1,08									
Rear Udder Width	0,73									
Central Ligament	1,30									
Udder Depth	1,17									
Rump Width	0,60									
Rear Legs Rear View	-1,53									
Rear Teat Placement	-0,30									
Locomotion	-0,55									
Body Condition	0,19									

daught. average

83,9	Frame	1,15
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78,2	Dairy Strength	-1,84
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79,8	Feet & Legs	0,04
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77,9	Udder	0,81
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	SHI	19,9
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rank 376.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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Bull name	Registration number	Birth date	State Register
BLACK JET 2	NL000160750210	29.04.1995	JED-002
Country of origin	NL	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	08.12.1995
		NLD	019501759010

Pedigree

Sire	PGS	ARLINDA ROTATE
JUNIPER ROTATE JED-ET		US000001697572
US000002040728	PGD	HURL-FOUR TRADITION JACKY
		US000011997469
Dam	MGS	TO-MAR BLACKSTAR-ET
MISS BLACKSTAR ACCLAIM-ET		US000001929410
US000014261100	MGD	CONANT-ACRES MARK ANNA
		US000012830996
		CHR-002

Milk production data	SK 10/2018	Herds	50	Daug.	169	Rel.	96 %	SPI	-2615
Number controls		BV		Milk		Fat		rank	1057.
2934				-633		-13	0,23	SCS	3,46
								rank	1115.

Type data	SHA 10/2018	Herds	17 / 12	Daug.	29	76,4	Rel.	72 %	TYPE	0,47
								rank	332.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,11									
Angularity	0,21									
Chest Width	0,10									
Body Depth	1,00									
Rump Angle	1,08									
Rear Legs Side View	1,82									
Foot Angle	-0,68									
Fore Udder Attachment	0,14									
Front Teat Placement	1,40									
Teat Length	0,75									
Rear Udder Height	0,18									
Rear Udder Width	-0,05									
Central Ligament	-0,12									
Udder Depth	-0,32									
Rump Width	2,27									
Rear Legs Rear View	-0,65									
Rear Teat Placement	-0,15									
Locomotion	0,31									
Body Condition	-0,96									

daught. average

78,3	Frame	0,28
73,9	Dairy Strength	0,72
75,9	Feet & Legs	-0,95
76,9	Udder	0,89
	SHI	-60,1
	rank	694.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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Bull name	Registration number	Birth date	State Register
CHARPENTIER BELIEVABLE-ET	CA000102578759	02.06.2004	SOM-017
Country of origin	CA	Breed	R100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	24.02.2005
		CA	DC134536

Pedigree

Sire	PGS	MAUGHLIN STORM-ET
LADINO PARK TALENT-IMP-ET		CA000005457798
AU000000930377	PGD	MARKWELL LEADER ROSE-ET
		US000015804313
Dam	MGS	STBVQ RUBENS-ET
GRANDUC BELIEVE RUBENS-ET		CA000005844883
CA000007255624	MGD	GRANDUC AMY MILESTONE-ET
		CA000006226354

Milk production data	SK 10/2018	Herds	25	Daug.	123	Rel.	93 %	SPI	-4626
Number controls		BV		Milk		Fat	%	rank	1327.
2163				-1084		-46	-0,12	SCS	4,07
								rank	1276.

Type data	SHA 10/2018	Herds	12 / 3	Daug.	27	79,8	Rel.	64 %	TYPE	0,47
								rank	333.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,30									
Angularity	-1,47									
Chest Width	1,07									
Body Depth	-0,01									
Rump Angle	0,61									
Rear Legs Side View	-0,25									
Foot Angle	1,68									
Fore Udder Attachment	1,17									
Front Teat Placement	1,10									
Teat Length	0,80									
Rear Udder Height	0,99									
Rear Udder Width	0,02									
Central Ligament	-0,68									
Udder Depth	1,16									
Rump Width	-0,40									
Rear Legs Rear View	-0,57									
Rear Teat Placement	-0,37									
Locomotion	-1,05									
Body Condition	0,92									

daught. average

83,8	Frame	0,18
79,5	Dairy Strength	-1,00
81,0	Feet & Legs	-0,12
77,1	Udder	1,19
	SHI	-120,8
	rank	820.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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Bull name	Registration number	Birth date	State Register
Q G TIFANO-ET	NL000124882964	01.11.1994	PEL-009
Country of origin	NL	Breed	H100
Distributor	Holstein, Holandsko	Herdbook	HA
		Paternity	

Pedigree

Sire	PGS	HANOVERHILL STARBUCK CA000000352790
RONNYBROOK PRELUDE-ET CA000000392457 STB-016	PGD	KELLYS-VIEW GLENDELL KELCO US000009739109
Dam	MGS	BIS-MAY TRADITION CLEITUS US000001879085 CLE-003
DELTA TIFFANI NL000317665767	MGD	WALKUP VALIANT LOU ELLA US000010930744

Milk production data	SK 10/2018	Herds	61	Daug.	189	Rel.	96 %	SPI	-1700
Number controls		BV		Milk		Fat		rank	860.
3533				-481		-5	0,27	SCS	3,30
						-14	0,02	rank	948.

Type data	SHA 10/2018	Herds	8 / 8	Daug.	12	77,0	Rel.	57 %	TYPE	0,47
								rank	334.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,94									
Angularity	0,15									
Chest Width	-0,23									
Body Depth	0,81									
Rump Angle	2,38									
Rear Legs Side View	-0,24									
Foot Angle	-0,35									
Fore Udder Attachment	-1,03									
Front Teat Placement	-0,67									
Teat Length	-1,76									
Rear Udder Height	0,39									
Rear Udder Width	0,08									
Central Ligament	0,87									
Udder Depth	-0,63									
Rump Width	1,13									
Rear Legs Rear View	-0,54									
Rear Teat Placement	1,13									
Locomotion	0,86									
Body Condition	-0,35									

daught. average

79,2 **Frame** **0,82**

74,6 **Dairy Strength** **0,97**

76,1 **Feet & Legs** **0,44**

77,1 **Udder** **-0,36**

SHI **-32,6**

rank 598.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
BEUKENHOF 360 SEDAN	NL000484935263	22.06.2007	ORK-004
Country of origin	NL	Breed	R100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	10.10.2007
		NL	159467

Pedigree

Sire	PGS	CREYHORST CLOR 2
LOWLANDS FABIAN		NL000143254005
NL000336388427	PGD	FLORA
		NL000256086612
Dam	MGS	LADINO PARK TALENT-IMP-ET
BEUKENHOF ANITA 14		AU000000930377
NL000429133422	MGD	BEUKENHOF ANITA 6
		NL000361731360

Milk production data	SK 10/2018	Herds	39	Daug.	703	Rel.	98 %	SPI	206
Number controls		BV		Milk		Fat		rank	422.
11110				-139		3	0,15	SCS	3,22
								rank	842.

Type data	SHA 10/2018	Herds	18 / 6	Daug.	99	81,1	Rel.	84 %	TYPE	0,46
								rank	335.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,40					■				
Angularity	-0,25					■				
Chest Width	-0,14									
Body Depth	0,75						■			
Rump Angle	-0,09									
Rear Legs Side View	0,43						■			
Foot Angle	0,19						■			
Fore Udder Attachment	0,60							■		
Front Teat Placement	0,43							■		
Teat Length	-0,50					■				
Rear Udder Height	0,69							■		
Rear Udder Width	0,44							■		
Central Ligament	0,27							■		
Udder Depth	0,58							■		
Rump Width	0,58							■		
Rear Legs Rear View	0,81								■	
Rear Teat Placement	0,07									
Locomotion	0,16									
Body Condition	0,08									

daught. average

83,3	Frame	-0,02
82,1	Dairy Strength	0,02
82,8	Feet & Legs	0,24
78,7	Udder	0,74
	SHI	24,6
	rank	348.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
FARON-ET	DE001402401541	05.11.2004	FBE-007
Country of origin	DE	Breed	R100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	28.11.2004
		DE	04/5011

Pedigree

Sire	PGS	RENOWN FACTOR-ET
FABER RED-ET		US000002129913
DE000340174036	PGD	LORELEY 12
		DE001021135253
Dam	MGS	STBVQ RUBENS-ET
IZE ROUL 01		CA000005844883
FR005232470991	MGD	GALA ROUGE
		FR000891010301

Milk production data	SK 10/2018	Herds	49	Daug.	305	Rel.	97 %	SPI	103
Number controls		BV		Milk		Fat	%	Prot.	%
6049				-1		1	0,01	1	0,02
								rank	446.
								SCS	3,29
								rank	926.

Type data	SHA 10/2018	Herds	18 / 8	Daug.	62	79,3	Rel.	82 %	TYPE	0,46
									rank	336.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,43									
Angularity	0,93									
Chest Width	-0,06									
Body Depth	0,43									
Rump Angle	-0,85									
Rear Legs Side View	-0,18									
Foot Angle	-0,70									
Fore Udder Attachment	1,70									
Front Teat Placement	0,04									
Teat Length	-1,22									
Rear Udder Height	0,65									
Rear Udder Width	0,47									
Central Ligament	-0,54									
Udder Depth	1,17									
Rump Width	-0,26									
Rear Legs Rear View	0,43									
Rear Teat Placement	-0,51									
Locomotion	-0,36									
Body Condition	0,22									

daught. average

81,5	Frame	-0,42
81,1	Dairy Strength	1,00
80,3	Feet & Legs	-0,42
76,7	Udder	0,73
	SHI	21,4
		rank 363.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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Bull name	Registration number	Birth date	State Register
GRASH EXPENSIVE	NL000166423558	24.12.1996	SAC-002

Country of origin	NL	Breed	R100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	06.05.1998
		NLD	166423558

Pedigree

Sire	PGS	MADAWASKA AEROSTAR
SPACE		CA000000383622
NL000775256486	PGD	INGRID
ARS-007		DE000107140159
Dam	MGS	MEADOLAKE JUBILANT-ET
MOHOEVE SONNI 41		CA000000376455
NL000857062484	MGD	MOHOEVE SONNI 15
		NL000516553724

Milk production data	SK 10/2018	Herds	63	Daug.	125	Rel.	94 %	SPI	-1783
Number controls		BV		Milk		Fat		rank	878.
2553				-366		-18	-0,08	SCS	3,49
						-12	-0,03	rank	1135.

Type data	SHA 10/2018	Herds	5 / 4	Daug.	13	77,5	Rel.	53 %	TYPE	0,45
								rank	337.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,30									
Angularity	0,43									
Chest Width	-1,18									
Body Depth	0,31									
Rump Angle	-2,43									
Rear Legs Side View	-1,94									
Foot Angle	0,71									
Fore Udder Attachment	0,46									
Front Teat Placement	0,68									
Teat Length	0,86									
Rear Udder Height	0,06									
Rear Udder Width	0,82									
Central Ligament	1,12									
Udder Depth	-0,56									
Rump Width	-1,41									
Rear Legs Rear View	0,98									
Rear Teat Placement	-0,51									
Locomotion	0,18									
Body Condition	0,19									

daught. average

79,1	Frame	-0,79
75,5	Dairy Strength	-0,18
77,9	Feet & Legs	0,49
77,5	Udder	1,15
	SHI	-35,6
	rank	609.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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Bull name	Registration number	Birth date	State Register
SHAWN-ET	NL000760058497	23.11.2013	SRE-003
Country of origin	NL	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	09.01.2014
		DE	13/18787

Pedigree

Sire	PGS	ROYLANE SOCRA ROBUST-ET	
SEAGULL-BAY SUPERSIRE-ET		US000064966739	
US000069981349	PGD	AMMON-PEACHEY SHAUNA-ET	
EMY-028		US000066228178	
Dam	MGS	CHARLESDALE SUPERSTITION-ET	
SHERAY 2		US000062065919	AML-004
NL000932869388	MGD	UFM-DUBS SHERAY-ET	
		US000062658242	

Milk production data	SK 10/2018	Herds	8	Daug.	100	Rel.	86 %	SPI	2186
Number controls		BV		Milk		Fat		rank	...
419				664		10	-0,27	SCS	2,28
						16	-0,10	rank	...

Type data	SHA 10/2018	Herds	5 / 2	Daug.	10	81,8	Rel.	42 %	TYPE	0,45
								rank	338.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,81									
Angularity	0,51									
Chest Width	-0,61									
Body Depth	-1,07									
Rump Angle	-0,53									
Rear Legs Side View	-0,52									
Foot Angle	1,17									
Fore Udder Attachment	2,23									
Front Teat Placement	0,56									
Teat Length	-0,35									
Rear Udder Height	0,65									
Rear Udder Width	-1,61									
Central Ligament	0,94									
Udder Depth	1,93									
Rump Width	-0,48									
Rear Legs Rear View	0,22									
Rear Teat Placement	1,13									
Locomotion	0,87									
Body Condition	-0,42									

daught. average

84,3	Frame	0,35
80,9	Dairy Strength	-0,02
84,9	Feet & Legs	1,06
79,8	Udder	0,03
	SHI	84,1
	rank	147.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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Bull name	Registration number	Birth date	State Register
SILKY EVERETT-ET	CA000006414808	16.09.1995	MNL-006
Country of origin	CA	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	29.08.2001
		CAN	BT366210

Pedigree

Sire	PGS	EXELS S-W-D EAGLE
LUTZ-MEADOWS E MANDEL-ET		US000001858047
US000002119526	PGD	LUTZ-MEADOWS MARK MEDLEY-ET
		US000012593031
Dam	MGS	MADAWASKA AEROSTAR
JEANRI AEROSTAR CONNIE		CA000000383622
CA000005361334	MGD	COLDSPRINGS MARK FANCY-ET
		CA000004387189

Milk production data	SK 10/2018	Herds	33	Daug.	448	Rel.	98 %	SPI	-1327
Number controls		BV		Milk		Fat	%	Prot.	%
9589				-317		-9	0,06	-10	-0,01
								rank	761.
								SCS	3,05
								rank	621.

Type data	SHA 10/2018	Herds	6 / 5	Daug.	31	79,0	Rel.	70 %	TYPE	0,45
									rank	339.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,50									
Angularity	0,85									
Chest Width	-1,36									
Body Depth	-0,45									
Rump Angle	-1,14									
Rear Legs Side View	0,07									
Foot Angle	-1,02									
Fore Udder Attachment	1,08									
Front Teat Placement	0,41									
Teat Length	0,61									
Rear Udder Height	0,33									
Rear Udder Width	1,01									
Central Ligament	1,02									
Udder Depth	0,64									
Rump Width	0,81									
Rear Legs Rear View	-0,59									
Rear Teat Placement	1,92									
Locomotion	0,83									
Body Condition	-0,89									

daught. average

80,7	Frame	-0,94
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79,7	Dairy Strength	0,50
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77,6	Feet & Legs	0,17
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78,6	Udder	1,24
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	SHI	-21,9
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rank 557.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
LOT-O-ROK OMAN JAKE-ET	US000061643016	10.04.2004	MED-019

Country of origin	US	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	31.01.2005
		US	M05002781

Pedigree

Sire	PGS	HA-HO CUBBY MANFRED-ET
O-BEE MANFRED JUSTICE-ET		US000002183007
US000122358313	PGD	MEIER-MEADOWS EL JEZEBEL-ET
MED-012		US000015459080
Dam	MGS	MARA-THON BW MARSHALL-ET TV
LOT-O-ROK MARSHAL GISELE		US000002290977
US000060440918	MGD	STOUDER AARON MAYLENE-ET
		US000060085496

Milk production data	SK 10/2018	Herds	22	Daug.	525	Rel.	99 %	SPI	3112
Number controls		BV		Milk		Fat		rank	38.
12119				554		29	0,13	SCS	2,90
								rank	430.

Type data	SHA 10/2018	Herds	54 / 10	Daug.	300	80,7	Rel.	95 %	TYPE	0,45
								rank	340.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,13									
Angularity	-0,13									
Chest Width	0,53									
Body Depth	1,02									
Rump Angle	-1,04									
Rear Legs Side View	-0,61									
Foot Angle	-0,81									
Fore Udder Attachment	1,46									
Front Teat Placement	1,52									
Teat Length	-0,13									
Rear Udder Height	0,03									
Rear Udder Width	-0,19									
Central Ligament	-0,48									
Udder Depth	0,72									
Rump Width	-0,34									
Rear Legs Rear View	-1,40									
Rear Teat Placement	-0,27									
Locomotion	0,69									
Body Condition	0,61									

daught. average

83,3	Frame	0,02
80,9	Dairy Strength	0,52
81,3	Feet & Legs	-0,56
78,9	Udder	0,87
	SHI	111,9
	rank	89.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
ZELIV ICHANT	CZ000050561061	09.04.2004	PAW-005
Country of origin	CZ	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	26.08.2004
		CZ	0400957

Pedigree

Sire	PGS	PARKER AERO WADE-ET
ALTAGEN-I MERCHANT-ET		US000002182318
CA000007104235	PGD	PASEN BELLWOOD MATRON-ET
		US000015847175
Dam	MGS	ETAZON ADDISON-ET
		NL000839380546
CZ000125522204	MGD	CZ000079443264

Milk production data	SK 10/2018	Herds	18	Daug.	226	Rel.	94 %	SPI	1485
Number controls		BV		Milk		Fat	%	rank	176.
2260				449		-0	-0,32	SCS	3,27
						14	-0,01	rank	901.

Type data	SHA 10/2018	Herds	8 / 3	Daug.	20	81,4	Rel.	55 %	TYPE	0,45
								rank	341.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,82									
Angularity	-0,26									
Chest Width	1,15									
Body Depth	0,60									
Rump Angle	0,72									
Rear Legs Side View	-0,70									
Foot Angle	-0,12									
Fore Udder Attachment	0,33									
Front Teat Placement	0,76									
Teat Length	1,52									
Rear Udder Height	0,70									
Rear Udder Width	0,76									
Central Ligament	-0,40									
Udder Depth	0,18									
Rump Width	-0,95									
Rear Legs Rear View	1,22									
Rear Teat Placement	-0,06									
Locomotion	1,66									
Body Condition	1,20									

daught. average

83,8	Frame	-0,45
81,7	Dairy Strength	0,31
82,8	Feet & Legs	0,75
79,1	Udder	0,35
	SHI	62,8
	rank	219.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
WIZZARD-ET	DE000347213836	15.12.2000	CES-010
Country of origin	DE	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	18.10.2001
		DE	01/11557

Pedigree

Sire	PGS	ETAZON CELSIUS-ET
DELTA WEBSTER		NL000460508522
NL000159659261	PGD	ETAZON MAONTRAY-ET
		NL000461998375
Dam	MGS	EASTLAND CASH
ZOTTE 34		NL000775328514
DE000341117002	MGD	ZOTELL
		DE001015221114

SUB-005

Milk production data	SK 10/2018	Herds	23	Daug.	341	Rel.	98 %	SPI	1775
Number controls		BV		Milk		Fat		rank	141.
7848				116		36	0,57	SCS	3,61
						10	0,12	rank	1191.

Type data	SHA 10/2018	Herds	37 / 10	Daug.	140	80,1	Rel.	89 %	TYPE	0,45
								rank	342.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,37									
Angularity	0,49									
Chest Width	-0,40									
Body Depth	-0,87									
Rump Angle	-0,30									
Rear Legs Side View	0,30									
Foot Angle	-0,14									
Fore Udder Attachment	1,68									
Front Teat Placement	1,62									
Teat Length	-1,17									
Rear Udder Height	0,11									
Rear Udder Width	-0,63									
Central Ligament	-0,33									
Udder Depth	0,97									
Rump Width	-0,30									
Rear Legs Rear View	0,84									
Rear Teat Placement	1,43									
Locomotion	2,48									
Body Condition	-0,20									

daught. average

83,6	Frame	-0,40
80,7	Dairy Strength	-0,11
82,1	Feet & Legs	1,18
77,1	Udder	0,63
	SHI	71,5
	rank	191.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
ORIGIN	DE000576536679	30.08.1995	EV-019
Country of origin	DE	Breed	R100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	04.10.1995
		DEU	95/12338

Pedigree

Sire	PGS	ORKAN
OREGON		DE001004565147
DE000505639209	PGD	LEILA
		DE000505458742
Dam	MGS	DICHARL SOROCCO TRISTAN
EDELWEISS		US000001900232
DE001013310857	MGD	EDEL 21
		DE001013249740

Milk production data	SK 10/2018	Herds	110	Daug.	1447	Rel.	99 %	SPI	-1879
Number controls		BV		Milk		Fat	%	rank	896.
31417				-754		6	0,74	SCS	2,67
								rank	170.

Type data	SHA 10/2018	Herds	32 / 11	Daug.	175	78,0	Rel.	91 %	TYPE	0,44
								rank	343.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	1,17									
Angularity	-1,30									
Chest Width	-0,29									
Body Depth	-0,66									
Rump Angle	0,81									
Rear Legs Side View	1,28									
Foot Angle	0,80									
Fore Udder Attachment	0,91									
Front Teat Placement	0,15									
Teat Length	-0,64									
Rear Udder Height	-0,08									
Rear Udder Width	-1,43									
Central Ligament	0,42									
Udder Depth	1,64									
Rump Width	-1,59									
Rear Legs Rear View	-0,76									
Rear Teat Placement	-0,09									
Locomotion	-0,84									
Body Condition	0,27									

daught. average

81,5	Frame	0,91
77,3	Dairy Strength	-1,57
78,7	Feet & Legs	-0,49
76,3	Udder	0,97
	SHI	-38,9
	rank	629.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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Bull name	Registration number	Birth date	State Register
LEW-ET	DE001015215049	14.01.1992	LAD-010
Country of origin	DE	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	02.07.1997
		SVK	9302817

Pedigree

Sire	PGS	SWEET-HAVEN TRADITION
ROTHROCK TRADITION LEADMAN		US000001682485
US000001983348	PGD	WALKUP VALIANT LOU ELLA
TDN-004		US000010930744
Dam	MGS	HANOVERHILL STARBUCK
DORIS 48		CA000000352790
DE001015122226	MGD	DOLLITA 105
		DE001004581489

Milk production data	SK 10/2018	Herds	13	Daug.	125	Rel.	95 %	SPI	1922
Number controls		BV		Milk		Fat	%	rank	132.
2658				505		20	-0,00	11	-0,11
								SCS	3,23
								rank	856.

Type data	SHA 10/2018	Herds	6 / 5	Daug.	42	77,4	Rel.	73 %	TYPE	0,44
								rank	344.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,71									
Angularity	0,49									
Chest Width	1,48									
Body Depth	1,36									
Rump Angle	-1,06									
Rear Legs Side View	-1,38									
Foot Angle	1,15									
Fore Udder Attachment	-2,52									
Front Teat Placement	-1,28									
Teat Length	4,09									
Rear Udder Height	-0,04									
Rear Udder Width	0,29									
Central Ligament	0,57									
Udder Depth	-0,99									
Rump Width	-0,68									
Rear Legs Rear View	-1,34									
Rear Teat Placement	0,84									
Locomotion	-0,53									
Body Condition	-0,05									

daught. average

82,1	Frame	0,89
77,3	Dairy Strength	1,69
78,5	Feet & Legs	0,86
74,6	Udder	-0,88
	SHI	75,5
	rank	175.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
HUN ALCSI VENDEG CONVINCER-ET	HU003213626166	04.03.2000	ELN-006

Country of origin	HU	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	31.08.2000
		HUN	24242/00

Pedigree

Sire	PGS	EMPRISE BELL ELTON	
WA-DEL CONVINCER-ET		US000001912270	
US000002249055	PGD	WA-DEL CLEITUS CINDY-ET	
ELN-002		US000013372706	
Dam	MGS	SHOREMAR MASON-ET	LID-001
SUMMERSHADE ILENE MASON		CA000005279989	
CA000006655180	MGD	SUMMERSHADE ILENE SCOT-ET	
		CA000005619306	

Milk production data	SK 10/2018	Herds	30	Daug.	67	Rel.	90 %	SPI	33
Number controls		BV		Milk		Fat	%	rank	457.
1445				157		1	-0,11	Prot.	3
							-0,18	SCS	3,08
								rank	658.

Type data	SHA 10/2018	Herds	7 / 7	Daug.	14	77,7	Rel.	57 %	TYPE	0,43
								rank	345.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,65									
Angularity	0,25									
Chest Width	-1,04									
Body Depth	-1,25									
Rump Angle	-0,21									
Rear Legs Side View	0,27									
Foot Angle	-1,31									
Fore Udder Attachment	-0,09									
Front Teat Placement	1,86									
Teat Length	-0,01									
Rear Udder Height	-0,22									
Rear Udder Width	-0,17									
Central Ligament	0,34									
Udder Depth	0,67									
Rump Width	0,09									
Rear Legs Rear View	-1,63									
Rear Teat Placement	1,80									
Locomotion	0,61									
Body Condition	-0,56									

daught. average	80,1	Frame	0,33
	77,3	Dairy Strength	0,25
	77,6	Feet & Legs	-0,45
	76,7	Udder	0,68
		SHI	18,3
		rank	382.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
DE-SU FREDDIE DENIM 646-ET	US000068656227	15.10.2009	MED-054

Country of origin	US	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	23.08.2008
		US	M10067786

Pedigree

Sire	PGS	O-BEE MANFRED JUSTICE-ET
BADGER-BLUFF FANNY FREDDIE	US000122358313	MED-012
US000060996956	PGD	BADGER-BLUFF FLO FANNY-TW
	US000051854015	
Dam	MGS	NORZ-HILL FORM WIZARD-ET
KINGS-RANSOM WIZARD SALU-ET	US000120754720	FOM-011
US000061624310	MGD	PEN-COL MTOTO DIMA-ET
	US000060082221	

Milk production data	SK 10/2018	Herds	5	Daug.	55	Rel.	78 %	SPI	2989
Number controls	BV	Milk	Fat	%	Prot.	%	rank	SCS	2,91
219		524	29	0,14	23	0,13	rank

Type data	SHA 10/2018	Herds	5 / 2	Daug.	33	81,9	Rel.	66 %	TYPE	0,43
									rank	346.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,46									
Angularity	-0,15									
Chest Width	0,56									
Body Depth	-0,27									
Rump Angle	1,47									
Rear Legs Side View	-0,94									
Foot Angle	0,62									
Fore Udder Attachment	0,85									
Front Teat Placement	-0,90									
Teat Length	0,04									
Rear Udder Height	0,13									
Rear Udder Width	-0,96									
Central Ligament	-0,09									
Udder Depth	0,88									
Rump Width	0,42									
Rear Legs Rear View	1,06									
Rear Teat Placement	-1,41									
Locomotion	0,46									
Body Condition	0,97									

daught. average

86,5	Frame	0,83
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81,3	Dairy Strength	-0,29
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84,2	Feet & Legs	0,54
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79,0	Udder	-0,02
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SHI	107,4
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rank 96.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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Bull name	Registration number	Birth date	State Register
BONHILL WARRIOR	NL000420284466	18.05.2005	SOG-009

Country of origin	NL	Breed	R100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	03.05.2006
		NL	142196

Pedigree

Sire	PGS	KOERIER 114
TACO		NL000846833002
NL000255707705	PGD	SABINA 15
		NL000144490477
Dam	MGS	NEWHOUSE RONALD
BONHILL WARSI 1		NL000777430664
NL000222577788	MGD	BONHILL WARSI
		NL000174476236

Milk production data	SK 10/2018	Herds	25	Daug.	88	Rel.	93 %	SPI	-1528
Number controls		BV		Milk	Fat	%	Prot.	%	rank
1787				-663	-10	0,31	-5	0,38	SCS
									rank
									566.

Type data	SHA 10/2018	Herds	5 / 4	Daug.	13	78,0	Rel.	54 %	TYPE	0,43
									rank	347.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,92									
Angularity	-1,31									
Chest Width	1,59									
Body Depth	1,63									
Rump Angle	-0,57									
Rear Legs Side View	-0,58									
Foot Angle	-1,51									
Fore Udder Attachment	-0,73									
Front Teat Placement	0,63									
Teat Length	2,38									
Rear Udder Height	-0,31									
Rear Udder Width	1,79									
Central Ligament	-1,11									
Udder Depth	-2,21									
Rump Width	0,98									
Rear Legs Rear View	1,97									
Rear Teat Placement	-0,88									
Locomotion	1,52									
Body Condition	2,55									

daught. average

83,3	Frame	1,63
79,2	Dairy Strength	-0,02
79,5	Feet & Legs	0,29
73,8	Udder	-0,57
	SHI	-28,9
	rank	585.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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Bull name	Registration number	Birth date	State Register
LOWLANDS LEOLA	NL000425917132	15.11.2005	SNR-006
Country of origin	NL	Breed	R100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	02.06.2006
		NL	140498

Pedigree

Sire	PGS	DELTA SPARTA
DELTA CANVAS		NL000137409985
NL000288458773	PGD	DELTA CANBERRA
		NL000141317243
Dam	MGS	LIGHTNING
JOSEFIEN 13		NL000170475222
NL000337514155	MGD	JOSEFIEN 8
		NL000193308927

Milk production data	SK 10/2018	Herds	19	Daug.	184	Rel.	95 %	SPI	1855
Number controls		BV		Milk		Prot.		rank	136.
3654				219	23	0,26	14	SCS	3,62
								rank	1196.

Type data	SHA 10/2018	Herds	6 / 2	Daug.	32	81,8	Rel.	66 %	TYPE	0,43
								rank	348.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	1,08									
Angularity	-0,13									
Chest Width	-0,97									
Body Depth	-0,46									
Rump Angle	2,38									
Rear Legs Side View	-0,76									
Foot Angle	0,35									
Fore Udder Attachment	0,82									
Front Teat Placement	-0,25									
Teat Length	-0,64									
Rear Udder Height	1,30									
Rear Udder Width	1,79									
Central Ligament	-1,65									
Udder Depth	-0,23									
Rump Width	-0,47									
Rear Legs Rear View	1,33									
Rear Teat Placement	-0,60									
Locomotion	0,67									
Body Condition	0,12									

daught. average

85,4	Frame	0,83
81,9	Dairy Strength	-0,97
84,8	Feet & Legs	0,61
78,5	Udder	0,45
	SHI	73,0
	rank	185.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
HARDSCRABBLE MOE GOODY-ET	US000060857594	09.07.2002	MUR-002
Country of origin	US	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	10.04.2003
		US	IG011225A

Pedigree

Sire	PGS	LUTZ-MEADOWS E MANDEL-ET
MURANDA MANDEL MOE-ET		US000002119526
US000002286327	PGD	LAURA-LE TESK MARY-ET
		US000014814683
Dam	MGS	FUSTEAD LEADMAN CHARM-ET
HARDSCRABBLE CHARM GEM-TW		US000002162948
US000121899912	MGD	HARDSCRABBLE GEMSTONE
		US000015684701

Milk production data	SK 10/2018	Herds	18	Daug.	218	Rel.	96 %	SPI	1634
Number controls		BV		Milk		Fat	%	rank	157.
4165				373		3	-0,21	16	0,09
								SCS	3,00
								rank	572.

Type data	SHA 10/2018	Herds	7 / 4	Daug.	26	80,0	Rel.	66 %	TYPE	0,42
								rank	349.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-1,01									
Angularity	1,20									
Chest Width	-0,87									
Body Depth	-0,28									
Rump Angle	-0,18									
Rear Legs Side View	-0,40									
Foot Angle	-1,24									
Fore Udder Attachment	-0,35									
Front Teat Placement	-0,95									
Teat Length	0,66									
Rear Udder Height	0,84									
Rear Udder Width	1,36									
Central Ligament	1,46									
Udder Depth	-0,39									
Rump Width	0,47									
Rear Legs Rear View	1,21									
Rear Teat Placement	0,98									
Locomotion	0,71									
Body Condition	-0,51									

daught. average

82,9	Frame	-0,80
80,9	Dairy Strength	0,30
79,1	Feet & Legs	0,29
78,4	Udder	1,20
	SHI	66,2
	rank	209.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
AEROSTAR	DE000021171499	02.05.1992	ARS-002
Country of origin	DE	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	

Pedigree

Sire	PGS	HANOVERHILL STARBUCK
MADAWASKA AEROSTAR	CA000000352790	
CA000000383622	PGD	MADAWASKA SHADY
STB-011	CA0000003511527	
Dam	MGS	WHITTIER-FARMS NED BOY
GERLINDE	US000001806201	
DE001020613638	MGD	GENIA
	DE001020332310	

Milk production data	SK 10/2018	Herds	268	Daug.	2438	Rel.	99 %	SPI	-1479
Number controls		BV		Milk		Fat		rank	806.
48914				-375		-11	0,05	SCS	2,96
						-10	0,03	rank	500.

Type data	SHA 10/2018	Herds	51 / 32	Daug.	167	76,6	Rel.	94 %	TYPE	0,42
								rank	350.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,10									
Angularity	0,37									
Chest Width	1,33									
Body Depth	1,84									
Rump Angle	-1,35									
Rear Legs Side View	-0,93									
Foot Angle	-0,05									
Fore Udder Attachment	-0,42									
Front Teat Placement	-0,87									
Teat Length	0,18									
Rear Udder Height	0,03									
Rear Udder Width	-0,71									
Central Ligament	0,71									
Udder Depth	0,09									
Rump Width	0,33									
Rear Legs Rear View	-0,35									
Rear Teat Placement	-0,04									
Locomotion	-0,50									
Body Condition	1,34									

daught. average

78,7	Frame	0,56
74,8	Dairy Strength	1,89
77,5	Feet & Legs	-0,46
76,1	Udder	-0,17
	SHI	-27,7
	rank	579.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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 e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
SHOREMAR JAVELIN-ET	CA000006234440	15.09.1994	PEL-007
Country of origin	CA	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	

Pedigree

Sire	PGS	HANOVERHILL STARBUCK
RONNYBROOK PRELUDE-ET		CA000000352790
CA000000392457	PGD	KELLYS-VIEW GLENDELL KELCO
STB-016		US000009739109
Dam	MGS	MEADOLAKE JUBILANT-ET
HORIZON JOY		CA000000376455
CA000005156088	MGD	A JA-BOB MARK HEAVENLY JOY
		US000012340765

Milk production data	SK 10/2018	Herds	62	Daug.	346	Rel.	98 %	SPI	-2615
Number controls		BV		Milk		Fat	%	Prot.	%
6395				-746		-9	0,40	-21	0,06
								SCS	3,13
								rank	1058.
								rank	716.

Type data	SHA 10/2018	Herds	5 / 5	Daug.	11	78,1	Rel.	60 %	TYPE	0,42
									rank	351.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,30									
Angularity	0,03									
Chest Width	0,59									
Body Depth	0,10									
Rump Angle	-0,11									
Rear Legs Side View	-1,41									
Foot Angle	0,27									
Fore Udder Attachment	-0,73									
Front Teat Placement	-0,27									
Teat Length	-0,21									
Rear Udder Height	0,43									
Rear Udder Width	0,21									
Central Ligament	1,54									
Udder Depth	-0,34									
Rump Width	1,34									
Rear Legs Rear View	0,62									
Rear Teat Placement	-0,12									
Locomotion	1,06									
Body Condition	0,66									

daught. average

82,1	Frame	0,46
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75,0	Dairy Strength	0,66
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78,8	Feet & Legs	0,46
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77,3	Udder	0,04
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	SHI	-61,9
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rank 702.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
BRAEDALE PAGEWIRE-ET	CA000008641364	18.03.2002	JUX-008

Country of origin	CA	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	19.08.2002
		CA	DC76595

Pedigree

Sire	PGS	KED JUROR-ET	
SUMMERSHADE INQUIRER		US000002124357	BS-017
CA000006483076	PGD	SUMMERSHADE ILENE SCOT-ET	
JUX-002		CA000005619306	
Dam	MGS	MAUGHLIN STORM-ET	
BRAEDALE BALER TWINE-ET		CA000005457798	
CA000006860888	MGD	BRAEDALE GYPSY GRAND	
		CA000005912235	

Milk production data	SK 10/2018	Herds	8	Daug.	116	Rel.	94 %	SPI	1372
Number controls		BV		Milk		Fat	%	Prot.	%
2295				285	4	-0,14	14	0,09	SCS
									3,13
									rank
									...
									rank
									...

Type data	SHA 10/2018	Herds	12 / 4	Daug.	37	79,8	Rel.	74 %	TYPE	0,42
									rank	352.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	1,55									
Angularity	1,00									
Chest Width	-2,40									
Body Depth	-2,72									
Rump Angle	0,75									
Rear Legs Side View	0,84									
Foot Angle	0,75									
Fore Udder Attachment	2,31									
Front Teat Placement	1,08									
Teat Length	-1,07									
Rear Udder Height	2,51									
Rear Udder Width	0,37									
Central Ligament	1,66									
Udder Depth	2,44									
Rump Width	-0,77									
Rear Legs Rear View	-2,85									
Rear Teat Placement	0,76									
Locomotion	-0,92									
Body Condition	-2,28									

daught. average

85,1	Frame	0,47
79,3	Dairy Strength	-1,20
78,9	Feet & Legs	-0,92
77,7	Udder	1,60
	SHI	58,2
	rank	232.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
BEAUCOISE KARUSO	CA000005394257	30.01.1991	LID-004
Country of origin	CA	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	29.11.1991
		CAN	262740

Pedigree

Sire	PGS	S-W-D VALIANT
A TOWNSON LINDY-ET		US000001650414
CA000000382748	PGD	TOWNSON ELEVATION LINDY
		US000008721357
Dam	MGS	BIS-MAY TRADITION CLEITUS
BEAUCOISE CLEIT KRISTIN-ET		US000001879085
CA0000004755611	MGD	BEAUCOISE STARBRIGHT KABA
		CA000003828902
		CLE-003

Milk production data	SK 10/2018	Herds	107	Daug.	941	Rel.	99 %	SPI	-1753
Number controls		BV		Milk		Fat		rank	869.
19644				-288		-16	-0,11	SCS	3,27
						-14	-0,13	rank	900.

Type data	SHA 10/2018	Herds	26 / 15	Daug.	126	76,7	Rel.	90 %	TYPE	0,42
								rank	353.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,86									
Angularity	0,96									
Chest Width	-0,61									
Body Depth	0,40									
Rump Angle	0,92									
Rear Legs Side View	0,63									
Foot Angle	0,17									
Fore Udder Attachment	-0,08									
Front Teat Placement	-2,11									
Teat Length	-1,52									
Rear Udder Height	0,91									
Rear Udder Width	0,18									
Central Ligament	1,26									
Udder Depth	0,75									
Rump Width	1,58									
Rear Legs Rear View	1,16									
Rear Teat Placement	-0,32									
Locomotion	-0,93									
Body Condition	-1,03									

daught. average

79,5	Frame	0,82
74,2	Dairy Strength	1,40
78,5	Feet & Legs	0,33
75,6	Udder	-0,57
	SHI	-36,1
	rank	611.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
LYSTEL CHICAGO-ET	CA000006780958	01.06.1997	FOM-003
Country of origin	CA	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	07.07.1997
		CAN	398671

Pedigree

Sire	PGS	ROTHROCK TRADITION LEADMAN
SHEN-VAL NV LM FORMATION-ET	US000001983348	TDN-004
US000002163822	PGD	SHEN-VAL MARK FAY
LAD-009	US000013008118	
Dam	MGS	DUREGAL ASTRE STARBUCK ET
GRANDUC CARLA ASTRE-ET	CA000000392405	STB-015
CA000005931847	MGD	CLOVERLANDS SKYLAR CHERRY-RED
	CA000004807321	

Milk production data	SK 10/2018	Herds	50	Daug.	759	Rel.	99 %	SPI	367
Number controls		BV		Milk		Fat	%	rank	387.
15880				482		-3	-0,39	Prot.	3,72
						-3	-0,37	SCS	rank 1232.

Type data	SHA 10/2018	Herds	25 / 11	Daug.	175	78,5	Rel.	92 %	TYPE	0,42
								rank	354.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,34									
Angularity	1,76									
Chest Width	-0,39									
Body Depth	1,21									
Rump Angle	1,59									
Rear Legs Side View	1,56									
Foot Angle	-1,21									
Fore Udder Attachment	-0,19									
Front Teat Placement	1,19									
Teat Length	-0,10									
Rear Udder Height	0,98									
Rear Udder Width	1,39									
Central Ligament	-0,26									
Udder Depth	-1,49									
Rump Width	0,26									
Rear Legs Rear View	-1,15									
Rear Teat Placement	0,22									
Locomotion	-2,19									
Body Condition	-0,98									

daught. average

81,0	Frame	-0,16
80,2	Dairy Strength	2,43
77,2	Feet & Legs	-2,33
77,0	Udder	0,72
	SHI	27,8
	rank	331.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
MEGA FANATIC-ET	NL000239484673	12.09.1998	TUL-002
Country of origin NL		Breed	R100
Distributor		Herdbook	HA
		Paternity	

Pedigree

Sire	PGS	DOMAR NIGHTHAWK CA000005004326
SUBLIEM TULIP RED NL000815222426 NIK-001	PGD	BATENBURG BAT TINA 824 NL000458657432
Dam	MGS	EVREUX CLE-ET FR003789007571
ELLENA CLE-ET DE000577049496	MGD	ELENA DE001015201284

Milk production data	SK 10/2018	Herds 135	Daug. 1463	Rel. 99 %	SPI	725
Number controls	BV	Milk	Fat	%	Prot.	%
28951		-182	29	0,68	3	0,19
					SCS	3,58
					rank	1179.

Type data	SHA 10/2018	Herds 23 / 10	Daug. 168	77,6	Rel. 92 %	TYPE	0,42
						rank	355.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-1,14									
Angularity	0,24									
Chest Width	0,11									
Body Depth	2,02									
Rump Angle	-0,82									
Rear Legs Side View	1,39									
Foot Angle	-0,71									
Fore Udder Attachment	0,71									
Front Teat Placement	1,62									
Teat Length	-1,03									
Rear Udder Height	1,65									
Rear Udder Width	2,57									
Central Ligament	-0,94									
Udder Depth	-1,13									
Rump Width	-0,12									
Rear Legs Rear View	0,18									
Rear Teat Placement	1,74									
Locomotion	-0,84									
Body Condition	-0,58									

daught. average

79,7	Frame	-0,89
78,4	Dairy Strength	1,07
77,3	Feet & Legs	-1,34
76,4	Udder	1,47
	SHI	38,5
	rank	307.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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Bull name	Registration number	Birth date	State Register
DOBRONIN RUSTY-ET	CZ000809561061	23.12.2012	AML-012
Country of origin	CZ	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	20.02.2013
		CZ	1300625

Pedigree

Sire	PGS	CHARLESDALE SUPERSTITION-ET
AMMON-PEACHEY MITCH-ET	US000062065919	AML-004
US000066618972	PGD	PINE-TREE MARTHA SHEEN-ET
	US000062443682	
Dam	MGS	BOSSIDE ALTAROSS-ET
DOBRONIN MARTA 33	US000062085114	
CZ000436218961	MGD	DOBRONIN MARTA 14
	CZ000363206961	

Milk production data	SK 10/2018	Herds	27	Daug.	452	Rel.	97 %	SPI	3503
Number controls		BV		Milk		Fat	%	Prot.	%
3367				847	22	-0,18	27	0,01	SCS
									rank
									27.
									rank
									11.

Type data	SHA 10/2018	Herds	17 / 10	Daug.	81	81,1	Rel.	81 %	TYPE	0,41
									rank	356.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,92									
Angularity	-1,50									
Chest Width	1,47									
Body Depth	1,66									
Rump Angle	-2,08									
Rear Legs Side View	0,42									
Foot Angle	0,09									
Fore Udder Attachment	0,19									
Front Teat Placement	0,94									
Teat Length	0,32									
Rear Udder Height	-2,45									
Rear Udder Width	-1,21									
Central Ligament	-0,15									
Udder Depth	0,83									
Rump Width	1,57									
Rear Legs Rear View	0,41									
Rear Teat Placement	0,20									
Locomotion	0,95									
Body Condition	1,77									

daught. average

85,8	Frame	1,45
80,7	Dairy Strength	-0,20
82,7	Feet & Legs	0,46
78,1	Udder	-0,61
	SHI	122,0
	rank	67.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
ECONOM	CZ000115881769	02.10.2000	MNA-013
Country of origin	CZ	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	20.09.2001
		CZ	63801

Pedigree

Sire	PGS	BIS-MAY S-E-L MOUNTAIN-ET
ETAZON ADDISON-ET		US000002070579
NL000839380546	PGD	TIDY-BROOK ELTON STEPH-ET
		US000014080279
Dam	MGS	HA-HO CUBBY MANFRED-ET
CARTERS-CORNER MAN ABBY-ET		US000002183007
US000124690923	MGD	NEU-WAY PATRON ALLIE-ET
		US000017216847

Milk production data	SK 10/2018	Herds	13	Daug.	178	Rel.	96 %	SPI	3119
Number controls		BV		Milk		Fat	%	Prot.	%
3048				1044	12	-0,46	21	-0,21	
								SCS	3,18
								rank	37.
								rank	790.

Type data	SHA 10/2018	Herds	24 / 6	Daug.	153	78,6	Rel.	91 %	TYPE	0,41
									rank	357.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,34									
Angularity	-0,53									
Chest Width	1,51									
Body Depth	0,92									
Rump Angle	0,64									
Rear Legs Side View	-0,67									
Foot Angle	1,60									
Fore Udder Attachment	-0,89									
Front Teat Placement	1,48									
Teat Length	-0,45									
Rear Udder Height	-0,51									
Rear Udder Width	1,53									
Central Ligament	-1,25									
Udder Depth	-2,39									
Rump Width	0,79									
Rear Legs Rear View	0,39									
Rear Teat Placement	-0,27									
Locomotion	2,07									
Body Condition	1,58									

daught. average

81,9	Frame	0,16
79,0	Dairy Strength	0,16
78,6	Feet & Legs	2,44
76,7	Udder	-0,56
	SHI	110,3
	rank	91.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
KICK-IT-UP AMO-ET	US000121066224	05.10.1997	RUH-010
Country of origin	US	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	01.12.1998
		CAN	BTIG247145A

Pedigree

Sire	PGS	MADAWASKA AEROSTAR	
STARTMORE RUDOLPH-ET		CA000000383622	STB-011
CA000005470579	PGD	STARTMORE RACHELLE-ET	
ARS-015		CA000004324253	
Dam	MGS	MAIZEFIELD BELLWOOD-ET	
ROBTHOM AMORETTA-ET		US000002103297	MEW-004
US000015949022	MGD	ROBTHOM AMBER MASCOT-ET	
		US000015046711	

Milk production data	SK 10/2018	Herds	27	Daug.	407	Rel.	98 %	SPI	1339
Number controls		BV		Milk	Fat	%	Prot.	%	rank
7510				442	9	-0,15	8	-0,13	SCS
									rank
									202.
									2,42
									rank
									54.

Type data	SHA 10/2018	Herds	22 / 7	Daug.	106	78,7	Rel.	88 %	TYPE	0,40
									rank	358.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	2,32									
Angularity	-0,02									
Chest Width	0,11									
Body Depth	-0,29									
Rump Angle	-0,16									
Rear Legs Side View	0,19									
Foot Angle	-0,49									
Fore Udder Attachment	-0,02									
Front Teat Placement	-0,95									
Teat Length	0,04									
Rear Udder Height	0,45									
Rear Udder Width	0,42									
Central Ligament	-1,62									
Udder Depth	0,66									
Rump Width	-0,05									
Rear Legs Rear View	-0,92									
Rear Teat Placement	-0,48									
Locomotion	-0,35									
Body Condition	0,50									

daught. average	83,9	Frame	1,93
	78,6	Dairy Strength	-0,02
	78,6	Feet & Legs	-0,89
	76,3	Udder	-0,32
		SHI	56,5
		rank	241.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
STOLZER ET	DE000015226846	01.06.1992	STU-001
Country of origin	DE	Breed	H100
Distributor		Herdbook	HA
		Paternity	

Pedigree

Sire	PGS	WALKWAY CHIEF MARK
ROC-HIL-VAL MARK STUFFY-ET		US000001773417
US000002018457	PGD	ROC-HIL-VAL GLENDELL SABRA
		US000009091084
Dam	MGS	S-W-D VALIANT
MISS TL		US000001650414
DE001015133860	MGD	MEIKE
		DE001004584758

Milk production data	SK 10/2018	Herds	34	Daug.	105	Rel.	93 %	SPI	-2071
Number controls		BV		Milk		Fat		rank	937.
2220				-463		-18	-0,01	SCS	3,02
						-15	-0,01	rank	589.

Type data	SHA 10/2018	Herds	8 / 6	Daug.	25	75,4	Rel.	62 %	TYPE	0,40
								rank	359.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,44									
Angularity	0,05									
Chest Width	1,50									
Body Depth	1,73									
Rump Angle	0,78									
Rear Legs Side View	0,96									
Foot Angle	-0,61									
Fore Udder Attachment	0,10									
Front Teat Placement	-0,05									
Teat Length	0,06									
Rear Udder Height	-2,23									
Rear Udder Width	-0,71									
Central Ligament	-0,62									
Udder Depth	-0,86									
Rump Width	1,02									
Rear Legs Rear View	-0,96									
Rear Teat Placement	0,13									
Locomotion	-0,04									
Body Condition	-0,66									

daught. average

77,4	Frame	1,11
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73,2	Dairy Strength	1,81
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76,2	Feet & Legs	-0,62
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75,2	Udder	-0,42
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	SHI	-46,6
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rank 650.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

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Bull name	Registration number	Birth date	State Register
LA PRESENTATION WINDOWS-ET	CA000009098171	31.01.1999	WIT-004

Country of origin	CA	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	13.08.1999
		CAN	BT440811

Pedigree

Sire	PGS	MADAWASKA AEROSTAR	
LADYS-MANOR WINCHESTER-ET		CA000000383622	STB-011
US000002205082	PGD	LADYS-MANOR TOP GUN JEMINI-ET	
		US000013586096	
Dam	MGS	COMBINATION SUPERSIRE	
LA PRESENTATION DAUREL-ET		CA000000400935	VAL-018
CA000006338056	MGD	NAKINA BLACKSTAR JENNY-ET	
		CA000005140365	

Milk production data	SK 10/2018	Herds	82	Daug.	1674	Rel.	99 %	SPI	-158
Number controls		BV		Milk		Fat	%	rank	489.
33146				122		-3	-0,15	SCS	3,18
						-4	-0,17	rank	788.

Type data	SHA 10/2018	Herds	58 / 20	Daug.	355	78,5	Rel.	96 %	TYPE	0,38
								rank	360.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,02									
Angularity	-0,32									
Chest Width	0,40									
Body Depth	0,13									
Rump Angle	2,63									
Rear Legs Side View	0,80									
Foot Angle	-1,57									
Fore Udder Attachment	1,55									
Front Teat Placement	0,18									
Teat Length	-1,07									
Rear Udder Height	1,97									
Rear Udder Width	0,23									
Central Ligament	0,74									
Udder Depth	1,44									
Rump Width	0,43									
Rear Legs Rear View	0,15									
Rear Teat Placement	1,75									
Locomotion	-1,49									
Body Condition	0,11									

daught. average

82,5	Frame	0,20
79,0	Dairy Strength	-0,04
76,7	Feet & Legs	-2,04
77,0	Udder	1,42
	SHI	10,6
	rank	420.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

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Bull name	Registration number	Birth date	State Register
MEADOW BRIDGE PHANTOM-ET	CA000006130768	25.06.1994	JED-001
Country of origin	CA	Breed	H100
Distributor		Herdbook	HA
		Paternity	

Pedigree

Sire	PGS	ARLINDA ROTATE
JUNIPER ROTATE JED-ET		US000001697572
US000002040728	PGD	HURL-FOUR TRADITION JACKY
		US000011997469
Dam	MGS	TO-MAR BLACKSTAR-ET
MEADOW BRIDGE STAR MILLY-ET		US000001929410
CA000005393685	MGD	MEADOW BRIDGE MILLICENT
		CA000004273422

Milk production data	SK 10/2018	Herds	43	Daug.	325	Rel.	98 %	SPI	-483
Number controls		BV		Milk		Fat		rank	563.
6162				-346		14	0,54	SCS	2,60
						-6	0,10	rank	126.

Type data	SHA 10/2018	Herds	10 / 5	Daug.	58	77,9	Rel.	80 %	TYPE	0,38
								rank	361.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,18									
Angularity	1,42									
Chest Width	-1,33									
Body Depth	1,42									
Rump Angle	-1,59									
Rear Legs Side View	0,94									
Foot Angle	-0,79									
Fore Udder Attachment	-0,25									
Front Teat Placement	0,40									
Teat Length	1,13									
Rear Udder Height	0,29									
Rear Udder Width	0,39									
Central Ligament	-0,47									
Udder Depth	0,85									
Rump Width	0,75									
Rear Legs Rear View	2,77									
Rear Teat Placement	0,31									
Locomotion	-0,24									
Body Condition	-1,03									

daught. average

80,0	Frame	-0,08
79,1	Dairy Strength	1,76
78,4	Feet & Legs	-0,50
76,1	Udder	0,38
	SHI	0,7
	rank	461.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

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Bull name	Registration number	Birth date	State Register
JENORVI	FR005994009420	16.06.1994	OS-001
Country of origin	FR	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	07.07.1999
		FRA	574875

Pedigree

Sire	PGS	WHITTIER-FARMS NED BOY
ART-ACRES NED BOY OSCAR-ET		US000001806201
US000002035598	PGD	ART-ACRES KAY O-ET
		US000011105756
Dam	MGS	BIS-MAY TRADITION CLEITUS
WA-DEL CLEITUS CINDY-ET		US000001879085
US000013372706	MGD	NOR-VI VALOR ZADA
		US000011407557
		CLE-003

Milk production data	SK 10/2018	Herds	158	Daug.	1869	Rel.	99 %	SPI	86
Number controls		BV		Milk		Fat		rank	448.
35830				-63		12	0,26	SCS	2,76
						-2	-0,01	rank	253.

Type data	SHA 10/2018	Herds	81 / 31	Daug.	426	78,0	Rel.	96 %	TYPE	0,38
								rank	362.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,15									
Angularity	-0,95									
Chest Width	0,57									
Body Depth	0,62									
Rump Angle	0,64									
Rear Legs Side View	0,50									
Foot Angle	0,42									
Fore Udder Attachment	-0,31									
Front Teat Placement	-0,18									
Teat Length	-0,63									
Rear Udder Height	0,82									
Rear Udder Width	1,14									
Central Ligament	-1,20									
Udder Depth	-0,66									
Rump Width	-0,08									
Rear Legs Rear View	1,58									
Rear Teat Placement	0,21									
Locomotion	1,15									
Body Condition	0,63									

daught. average

80,3	Frame	0,30
77,0	Dairy Strength	-0,56
78,6	Feet & Legs	1,53
77,0	Udder	0,08
	SHI	17,9
	rank	385.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

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Bull name	Registration number	Birth date	State Register
ARKTOS	BE000242336845	25.07.2000	LU-018
Country of origin	BE	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	18.08.2000
		DEU	00/10719

Pedigree

Sire	PGS	NORRIELAKE CLEITUS LUKE-TWIN
DIXIE-LEE AARON-ET		US000002071864
US000002265005	PGD	DIXIE-LEE ASPEN-ET
LU-009		US000014889171
Dam	MGS	MAIZEFIELD BELLWOOD-ET
BUTTERCUP		US000002103297
NL000177546462	MGD	RON-NAN CUBBY BARB
		US000014644009

Milk production data	SK 10/2018	Herds	36	Daug.	92	Rel.	92 %	SPI	18
Number controls		BV		Milk		Fat	%	rank	463.
1853				222		-9	-0,33	SCS	2,92
						-1	-0,16	rank	447.

Type data	SHA 10/2018	Herds	11 / 9	Daug.	23	78,0	Rel.	65 %	TYPE	0,38
								rank	363.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,37									
Angularity	-1,11									
Chest Width	-0,40									
Body Depth	-0,72									
Rump Angle	-0,69									
Rear Legs Side View	-1,75									
Foot Angle	2,28									
Fore Udder Attachment	0,75									
Front Teat Placement	0,81									
Teat Length	1,02									
Rear Udder Height	-0,91									
Rear Udder Width	-0,73									
Central Ligament	1,46									
Udder Depth	-0,35									
Rump Width	0,33									
Rear Legs Rear View	1,57									
Rear Teat Placement	0,40									
Locomotion	1,67									
Body Condition	0,03									

daught. average

80,3	Frame	0,12
76,6	Dairy Strength	-1,32
80,3	Feet & Legs	2,51
76,3	Udder	0,01
	SHI	15,8
	rank	393.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

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Bull name	Registration number	Birth date	State Register
SURE-VIEW AUDACITY-RED-ET	US000062018616	25.03.2005	SOM-031
Country of origin	US	Breed	R100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	26.01.2006
		CA	DC155049

Pedigree

Sire	PGS	MAUGHLIN STORM-ET
LADINO PARK TALENT-IMP-ET		CA000005457798
AU000000930377	PGD	MARKWELL LEADER ROSE-ET
		US000015804313
Dam	MGS	MARA-THON BW MARSHALL-ET TV
SURE-VIEW MARSHALL ALLEY-ET		US000002290977
US000131671155	MGD	SURE-VIEW RUDLF ASPIRIN-ET
		US000017314216

Milk production data	SK 10/2018	Herds	23	Daug.	128	Rel.	93 %	SPI	202
Number controls		BV		Milk		Fat		rank	424.
2296				-104		5	0,16	SCS	2,71
								rank	213.

Type data	SHA 10/2018	Herds	5 / 2	Daug.	22	81,3	Rel.	60 %	TYPE	0,38
								rank	364.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,29									
Angularity	1,36									
Chest Width	-1,92									
Body Depth	-1,00									
Rump Angle	1,05									
Rear Legs Side View	0,31									
Foot Angle	-0,16									
Fore Udder Attachment	1,57									
Front Teat Placement	0,02									
Teat Length	0,20									
Rear Udder Height	2,41									
Rear Udder Width	-0,01									
Central Ligament	-1,20									
Udder Depth	0,90									
Rump Width	-1,62									
Rear Legs Rear View	0,04									
Rear Teat Placement	-1,32									
Locomotion	-0,24									
Body Condition	-2,68									

daught. average

84,2	Frame	-0,29
82,9	Dairy Strength	0,07
83,1	Feet & Legs	-0,22
78,1	Udder	1,00
	SHI	21,2
	rank	365.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

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Bull name	Registration number	Birth date	State Register
SILDAHL BW DUTCH BOY-ET	US000017058140	19.06.1996	BW-016

Country of origin	US	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	27.11.1996
		USA	IG227996A

Pedigree

Sire	PGS	ARLINDA MELWOOD-ET
MAIZEFIELD BELLWOOD-ET		US000001879149
US000002103297	PGD	BREN-WAY BELL BETSY
MEW-004		US000012052401
Dam	MGS	SILDAHL LASER-ET
BALLAND LASER DUTCHESS-TW		US000002115255
US000014911435	MGD	BALLAND INSPIRATION ARLENE
		US000013875857

Milk production data	SK 10/2018	Herds	66	Daug.	936	Rel.	99 %	SPI	2953
Number controls		BV		Milk		Fat	%	rank	47.
19976				851		14	-0,30	SCS	2,76
								rank	258.

Type data	SHA 10/2018	Herds	77 / 25	Daug.	471	78,8	Rel.	97 %	TYPE	0,38
								rank	365.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	1,28									
Angularity	0,50									
Chest Width	-1,85									
Body Depth	0,03									
Rump Angle	2,31									
Rear Legs Side View	-0,59									
Foot Angle	1,21									
Fore Udder Attachment	0,13									
Front Teat Placement	-0,04									
Teat Length	0,57									
Rear Udder Height	0,75									
Rear Udder Width	0,95									
Central Ligament	-2,12									
Udder Depth	-0,25									
Rump Width	-1,22									
Rear Legs Rear View	-0,21									
Rear Teat Placement	-1,66									
Locomotion	0,29									
Body Condition	-1,26									

daught. average

81,8	Frame	0,52
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78,9	Dairy Strength	-0,17
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78,9	Feet & Legs	0,97
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77,3	Udder	-0,07
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	SHI	104,2
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rank 107.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

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Bull name	Registration number	Birth date	State Register
GRAF-ACRES MORRELL-ET	US000062071128	24.06.2004	MED-022
Country of origin	US	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	28.09.2005
		US	M05009139

Pedigree

Sire	PGS	HA-HO CUBBY MANFRED-ET	
O-BEE MANFRED JUSTICE-ET		US000002183007	
US000122358313	PGD	MEIER-MEADOWS EL JEZEBEL-ET	
MED-012		US000015459080	
Dam	MGS	STARTMORE RUDOLPH-ET	
VAR-BROS RUDOLPH MARTA-ET		CA000005470579	ARS-015
US000120419524	MGD	END-ROAD BLCKSTAR MONA-ET	
		US000014414752	

Milk production data	SK 10/2018	Herds	40	Daug.	1218	Rel.	99 %	SPI	2663
Number controls		BV		Milk		Fat	%	Prot.	%
23803				721		17	-0,19	19	-0,08
								SCS	2,15
								rank	10.

Type data	SHA 10/2018	Herds	61 / 11	Daug.	437	81,0	Rel.	96 %	TYPE	0,38
									rank	366.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,50									
Angularity	0,12									
Chest Width	0,52									
Body Depth	-0,87									
Rump Angle	-0,36									
Rear Legs Side View	0,01									
Foot Angle	0,93									
Fore Udder Attachment	0,08									
Front Teat Placement	0,14									
Teat Length	-0,32									
Rear Udder Height	-0,41									
Rear Udder Width	-0,08									
Central Ligament	-0,22									
Udder Depth	0,33									
Rump Width	0,62									
Rear Legs Rear View	0,07									
Rear Teat Placement	-0,22									
Locomotion	-0,37									
Body Condition	0,37									

daught. average

84,2	Frame	0,69
80,7	Dairy Strength	-0,15
82,5	Feet & Legs	0,61
78,8	Udder	-0,10
	SHI	95,3
	rank	125.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

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Bull name	Registration number	Birth date	State Register
EM-JO FILOSOF	CZ000114093761	22.01.2001	LU-023
Country of origin	CZ	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	08.09.2001
		CSK	64701

Pedigree

Sire	PGS	NORRIELAKE CLEITUS LUKE-TWIN
DIXIE-LEE AARON-ET		US000002071864
US000002265005	PGD	DIXIE-LEE ASPEN-ET
LU-009		US000014889171
Dam	MGS	WELLS CATALYST-ET
		US000002193611
CZ000100570708	MGD	
		CZ000011976768

Milk production data	SK 10/2018	Herds	24	Daug.	80	Rel.	92 %	SPI	-887
Number controls		BV		Milk		Fat	%	rank	663.
1554				-289		-7	0,06	SCS	2,99
							-5	rank	541.
							0,10		

Type data	SHA 10/2018	Herds	6 / 5	Daug.	13	78,7	Rel.	56 %	TYPE	0,37
								rank	367.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,52									
Angularity	-0,82									
Chest Width	-0,41									
Body Depth	-0,52									
Rump Angle	0,15									
Rear Legs Side View	-1,43									
Foot Angle	2,10									
Fore Udder Attachment	0,04									
Front Teat Placement	0,07									
Teat Length	-0,53									
Rear Udder Height	-0,18									
Rear Udder Width	-0,42									
Central Ligament	0,81									
Udder Depth	0,87									
Rump Width	1,00									
Rear Legs Rear View	1,46									
Rear Teat Placement	0,69									
Locomotion	0,84									
Body Condition	-0,77									

daught. average

82,1	Frame	0,25
77,7	Dairy Strength	-0,84
80,0	Feet & Legs	1,67
76,8	Udder	0,20
	SHI	-11,9
	rank	516.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
KARNVILLA RATIO	CA000005406271	21.06.1991	ARS-010
Country of origin	CA	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	16.01.1992
		CAN	265124

Pedigree

Sire	PGS	HANOVERHILL STARBUCK
MADAWASKA AEROSTAR		CA000000352790
CA000000383622	PGD	MADAWASKA SHADY
STB-011		CA0000003511527
Dam	MGS	S-W-D VALIANT
KARNVILLA VAL REXINA,ET		US000001650414
CA0000004452674	MGD	KARNVILLA SHEIK,REXAN
		CA0000003311756

Milk production data	SK 10/2018	Herds	96	Daug.	1860	Rel.	99 %	SPI	-834
Number controls		BV		Milk		Fat	%	rank	649.
35780				-121		-7	-0,05	SCS	3,78
						-7	-0,09	rank	1246.

Type data	SHA 10/2018	Herds	64 / 19	Daug.	324	77,2	Rel.	96 %	TYPE	0,37
								rank	368.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	1,10									
Angularity	0,05									
Chest Width	-0,60									
Body Depth	-0,10									
Rump Angle	0,88									
Rear Legs Side View	-2,16									
Foot Angle	2,78									
Fore Udder Attachment	-0,60									
Front Teat Placement	-0,97									
Teat Length	1,07									
Rear Udder Height	-0,58									
Rear Udder Width	-1,01									
Central Ligament	-0,49									
Udder Depth	-0,97									
Rump Width	0,40									
Rear Legs Rear View	-0,13									
Rear Teat Placement	-0,56									
Locomotion	0,11									
Body Condition	0,59									

daught. average

80,0	Frame	0,82
75,6	Dairy Strength	-0,17
78,8	Feet & Legs	2,69
75,8	Udder	-0,99
	SHI	-10,5
	rank	508.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
STARTMORE RUDOLPH-ET	CA000005470579	17.07.1991	ARS-015
Country of origin	CA	Breed	H100
Distributor		Herdbook	HA
		Paternity	

Pedigree

Sire	PGS	HANOVERHILL STARBUCK
MADAWASKA AEROSTAR		CA000000352790
CA000000383622	PGD	MADAWASKA SHADY
STB-011		CA0000003511527
Dam	MGS	BUTLERVIEW MATTADOR
STARTMORE RACHELLE-ET		CA000000347993
CA0000004324253	MGD	STARTMORE CHANEL- ET
		CA0000003602443

Milk production data	SK 10/2018	Herds	76	Daug.	390	Rel.	98 %	SPI	866
Number controls		BV		Milk		Fat	%	rank	299.
8439				315		7	-0,10	4	-0,13
								SCS	2,81
								rank	317.

Type data	SHA 10/2018	Herds	42 / 20	Daug.	123	77,7	Rel.	93 %	TYPE	0,36
								rank	369.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	1,39									
Angularity	1,30									
Chest Width	-1,11									
Body Depth	-0,89									
Rump Angle	0,73									
Rear Legs Side View	0,13									
Foot Angle	-1,05									
Fore Udder Attachment	0,25									
Front Teat Placement	-0,79									
Teat Length	-0,72									
Rear Udder Height	1,24									
Rear Udder Width	0,18									
Central Ligament	-1,48									
Udder Depth	1,43									
Rump Width	-0,31									
Rear Legs Rear View	-0,33									
Rear Teat Placement	-0,19									
Locomotion	-0,03									
Body Condition	-1,22									

daught. average

81,3	Frame	0,76
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76,6	Dairy Strength	0,97
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77,5	Feet & Legs	-0,97
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76,7	Udder	0,13
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	SHI	40,6
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rank 295.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
BOMAZ MERCANTILE-ET	US000061166977	26.01.2003	PAW-004
Country of origin	US	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	03.05.2004
		US	IG018954C

Pedigree

Sire	PGS	PARKER AERO WADE-ET
ALTAGEN-I MERCHANT-ET		US000002182318
CA000007104235	PGD	PASEN BELLWOOD MATRON-ET
		US000015847175
Dam	MGS	LENZWAY TESK RUBYTOM ET
DALSE BOMAZ 1617		US000002184421
US000123654814	MGD	DALSE BOMAZ-1551
		US000120838747

Milk production data	SK 10/2018	Herds	13	Daug.	164	Rel.	96 %	SPI	1143
Number controls		BV		Milk		Fat	%	rank	246.
3051				679		10	-0,28	SCS	2,52
						-1	-0,43	rank	89.

Type data	SHA 10/2018	Herds	5 / 3	Daug.	13	80,5	Rel.	47 %	TYPE	0,36
								rank	370.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	1,07									
Angularity	0,78									
Chest Width	-0,41									
Body Depth	-0,78									
Rump Angle	0,11									
Rear Legs Side View	0,06									
Foot Angle	0,06									
Fore Udder Attachment	0,24									
Front Teat Placement	1,32									
Teat Length	-0,46									
Rear Udder Height	-0,49									
Rear Udder Width	-0,88									
Central Ligament	0,11									
Udder Depth	0,84									
Rump Width	-0,12									
Rear Legs Rear View	-0,05									
Rear Teat Placement	0,42									
Locomotion	1,45									
Body Condition	0,02									

daught. average

84,9	Frame	0,80
81,6	Dairy Strength	-0,15
82,7	Feet & Legs	0,79
76,8	Udder	-0,32
	SHI	48,9
	rank	267.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
Q G RUBYSTAR-ET	NL000174383657	02.02.1996	ELV-001

Country of origin	NL	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	02.08.1996
		NLD	174383657

Pedigree

Sire	PGS	MEL-EST VALIANT IROSE MELVIN
GEN-ACE PETRUM LD ELVIN		US000001818972
US000002019612	PGD	GEN-ACE BOVA MAJESTY
MIN-001		US000011895536
Dam	MGS	TESK-HOLM VALIANT ROCKIE
LENZWAY TEKS RUBYTED-ET		US000001841366
US000014655652	MGD	ROBTHOM RUBY-ET
		US000013802763

Milk production data	SK 10/2018	Herds	30	Daug.	98	Rel.	93 %	SPI	-1562
Number controls		BV		Milk		Fat		rank	829.
1686				-301		-14	-0,06	SCS	3,62
						-12	-0,06	rank	1195.

Type data	SHA 10/2018	Herds	9 / 8	Daug.	24	76,1	Rel.	62 %	TYPE	0,36
								rank	371.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,22									
Angularity	0,26									
Chest Width	-0,10									
Body Depth	1,59									
Rump Angle	-0,93									
Rear Legs Side View	0,32									
Foot Angle	-1,87									
Fore Udder Attachment	-0,67									
Front Teat Placement	-1,26									
Teat Length	0,42									
Rear Udder Height	1,98									
Rear Udder Width	2,62									
Central Ligament	-0,93									
Udder Depth	-0,15									
Rump Width	0,09									
Rear Legs Rear View	0,64									
Rear Teat Placement	-0,04									
Locomotion	-0,34									
Body Condition	-0,25									

daught. average

78,3	Frame	0,05
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74,6	Dairy Strength	0,90
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74,6	Feet & Legs	-0,62
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76,2	Udder	0,34
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	SHI	-32,6
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rank 596.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
CAROUSEL AMOS	NL000705638203	15.07.1988	AMS-001
Country of origin	NL	Breed	H100
Distributor	Holstein, Holandsko	Herdbook	HA
		Paternity	14.10.1988
		NLD	018802034010

Pedigree

Sire	PGS	OCEAN-VIEW SEXATION
FREEBROOK SEXATION AMOS		US000001672151
US000001889085	PGD	FREEBROOK ASTRO ANNA
		US000007729114
Dam	MGS	WHITTIER-FARMS NED BOY
DELTA ELLA		US000001806201
NL000703658160	MGD	THONYMA CONDUCTOR,GAZELLA
		US000009738515

Milk production data	SK 10/2018	Herds	51	Daug.	145	Rel.	95 %	SPI	-613
Number controls		BV		Milk		Fat	%	Prot.	%
3138				-193		-4	0,05	-4	0,05
								SCS	2,80
								rank	308.

Type data	SHA 10/2018	Herds	8 / 8	Daug.	11	77,2	Rel.	62 %	TYPE	0,36
									rank	372.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,97									
Angularity	0,15									
Chest Width	1,84									
Body Depth	0,46									
Rump Angle	-0,67									
Rear Legs Side View	0,40									
Foot Angle	-0,63									
Fore Udder Attachment	0,13									
Front Teat Placement	1,41									
Teat Length	0,99									
Rear Udder Height	-0,30									
Rear Udder Width	-0,31									
Central Ligament	-1,01									
Udder Depth	0,43									
Rump Width	0,13									
Rear Legs Rear View	1,18									
Rear Teat Placement	0,66									
Locomotion	0,82									
Body Condition	1,11									

daught. average

76,5	Frame	-0,40
77,5	Dairy Strength	1,21
75,6	Feet & Legs	-0,18
78,1	Udder	0,27
	SHI	-4,2
	rank	480.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
EM-JO GRATIS	CZ000114487761	04.09.2002	EMY-003
Country of origin	CZ	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	10.01.2003
		CSK	4103

Pedigree

Sire	PGS	MJR BLACKSTAR EMORY-ET
SANDY-VALLEY FORBIDDEN-ET		US000002114601
US000017011697	PGD	SANDY- VALLEY MASCOT FRAN-ET
		US000014741448
Dam	MGS	IGALE MASC
		FR004493050102
CZ000100603708	MGD	CZ000011981768

Milk production data	SK 10/2018	Herds	31	Daug.	109	Rel.	93 %	SPI	289
Number controls		BV		Milk		Fat		rank	405.
2385				230		-6	-0,28	SCS	3,21
						2	-0,11	rank	824.

Type data	SHA 10/2018	Herds	8 / 6	Daug.	37	77,9	Rel.	72 %	TYPE	0,36
								rank	373.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,90									
Angularity	1,35									
Chest Width	-1,65									
Body Depth	0,30									
Rump Angle	-0,97									
Rear Legs Side View	1,01									
Foot Angle	-0,13									
Fore Udder Attachment	-0,71									
Front Teat Placement	-0,47									
Teat Length	-1,43									
Rear Udder Height	0,83									
Rear Udder Width	1,26									
Central Ligament	1,42									
Udder Depth	-0,93									
Rump Width	-0,50									
Rear Legs Rear View	0,36									
Rear Teat Placement	0,67									
Locomotion	0,81									
Body Condition	-0,75									

daught. average

79,8	Frame	-1,26
78,6	Dairy Strength	0,73
78,1	Feet & Legs	0,33
76,2	Udder	0,89
	SHI	23,0
	rank	355.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
GRASHOEK BLUE CURACAO	NL000398853576	20.07.2004	END-002

Country of origin	NL	Breed	R100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	22.11.2005
		NL	133477

Pedigree

Sire	PGS	SCIENTIFIC ENDICOT
ERASMUS		US000017125134
DE000578615629	PGD	GLORIA
END-001		DE000576636081
Dam	MGS	LENTINI-ET
GRASHOEK BOBBIE 20		DE001012337003
NL000325526458	MGD	GRASHOEK BOBBIE 12
		NL000240326696

Milk production data	SK 10/2018	Herds	18	Daug.	49	Rel.	85 %	SPI	-2924
Number controls		BV		Milk		Fat		rank	1115.
635				-723		-18	0,19	SCS	3,76
						-22	0,00	rank	1240.

Type data	SHA 10/2018	Herds	5 / 3	Daug.	12	77,0	Rel.	48 %	TYPE	0,36
								rank	374.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	1,21									
Angularity	1,18									
Chest Width	-0,16									
Body Depth	0,49									
Rump Angle	-2,99									
Rear Legs Side View	0,65									
Foot Angle	0,62									
Fore Udder Attachment	-1,03									
Front Teat Placement	0,97									
Teat Length	0,19									
Rear Udder Height	-0,25									
Rear Udder Width	0,28									
Central Ligament	1,33									
Udder Depth	-1,30									
Rump Width	0,97									
Rear Legs Rear View	-0,36									
Rear Teat Placement	1,51									
Locomotion	-0,29									
Body Condition	-1,33									

daught. average

82,3	Frame	0,80
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79,9	Dairy Strength	1,24
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76,0	Feet & Legs	0,22
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73,6	Udder	-0,34
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	SHI	-73,9
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rank 745.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
COUL-ET	CZ000070746384	27.03.1998	ERY-002

Country of origin	CZ	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	22.04.1999
		CSK	4704/35

Pedigree

Sire	PGS	MADAWASKA AEROSTAR CA000000383622	STB-011
PEN-COL EMERY-ET US000002174868	PGD	MIKAL ROTATE EULA-ET US000013804086	
Dam	MGS	MADAWASKA AEROSTAR CA000000383622	STB-011
SIEKILA AEROSTAR LUCI US000015182875	MGD	MCKARNS MARK LUCY 773 US000012985420	

Milk production data	SK 10/2018	Herds	40	Daug.	124	Rel.	94 %	SPI	995
Number controls		BV		Milk		Fat	%	Prot.	%
2065				297	7	-0,09	6	-0,07	SCS
									rank
									280.
									rank
									587.

Type data	SHA 10/2018	Herds	12 / 8	Daug.	25	78,2	Rel.	63 %	TYPE	0,35
									rank	375.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,54									
Angularity	1,56									
Chest Width	-1,02									
Body Depth	-1,20									
Rump Angle	0,45									
Rear Legs Side View	-1,06									
Foot Angle	-0,63									
Fore Udder Attachment	0,63									
Front Teat Placement	-0,56									
Teat Length	-0,26									
Rear Udder Height	1,48									
Rear Udder Width	0,52									
Central Ligament	0,36									
Udder Depth	-0,51									
Rump Width	-1,38									
Rear Legs Rear View	-0,16									
Rear Teat Placement	-0,65									
Locomotion	-0,15									
Body Condition	-0,33									

daught. average

78,4	Frame	-0,99
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77,1	Dairy Strength	0,97
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78,4	Feet & Legs	-0,25
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78,7	Udder	1,10
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	SHI	44,1
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rank 282.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
O-BEE MANFRED JUSTICE-ET	US000122358313	08.03.1998	MED-012
Country of origin	Breed		H100
US	Herdbook		HA
Distributor	Paternity		

Pedigree

Sire	PGS	OSDEL-ENDEAVOR BOVA CUBBY
HA-HO CUBBY MANFRED-ET	US000001986164	BA-002
US000002183007	PGD	HA-HO TESK MELANIE
	US000013066986	
Dam	MGS	EMPRISE BELL ELTON
MEIER-MEADOWS EL JEZEBEL-ET	US000001912270	
US000015459080	MGD	MEIER-MEADOWS MELWOOD JACKI
	US000013751565	

Milk production data	SK 10/2018	Herds	10	Daug.	119	Rel.	97 %	SPI	5022
Number controls		BV		Milk		Fat	%	rank	4.
2661				1071		40	-0,03	38	0,09
								SCS	2,76
								rank	261.

Type data	SHA 10/2018	Herds	29 / 7	Daug.	107	79,6	Rel.	93 %	TYPE	0,35
								rank	376.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,71									
Angularity	-0,94									
Chest Width	1,62									
Body Depth	0,91									
Rump Angle	-0,02									
Rear Legs Side View	-1,58									
Foot Angle	0,92									
Fore Udder Attachment	0,73									
Front Teat Placement	1,37									
Teat Length	0,02									
Rear Udder Height	-0,84									
Rear Udder Width	-1,10									
Central Ligament	-1,24									
Udder Depth	0,68									
Rump Width	0,96									
Rear Legs Rear View	-1,74									
Rear Teat Placement	-0,89									
Locomotion	0,59									
Body Condition	1,53									

daught. average

83,8	Frame	1,13
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79,7	Dairy Streight	0,00
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80,9	Feet & Legs	0,71
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76,8	Udder	-0,64
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	SHI	165,4
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rank 22.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
CONANT-ACRES MARK DAVID-ET	US000002017277	17.06.1986	WLK-011
Country of origin	US	Breed	H100
Distributor		Herdbook	HA
		Paternity	06.03.1987
		USA	IG 92936A

Pedigree

Sire	PGS	PAWNEE FARM ARLINDA CHIEF
WALKWAY CHIEF MARK		US000001427381
US000001773417	PGD	WALKWAY MATT MAMIE
		US000008309147
Dam	MGS	S-W-D VALIANT
SATELLITE VALIANT DORA		US000001650414
US000010576905	MGD	T-HAD ELEVATION DOTTIE
		US000009603459

Milk production data	SK 10/2018	Herds	67	Daug.	696	Rel.	99 %	SPI	-1617
Number controls		BV		Milk		Fat	%	Prot.	%
14924				-474		-1	0,33	-14	0,00
								SCS	2,63
								rank	151.

Type data	SHA 10/2018	Herds	10 / 8	Daug.	50	75,7	Rel.	86 %	TYPE	0,35
									rank	377.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,57									
Angularity	-0,58									
Chest Width	1,07									
Body Depth	1,63									
Rump Angle	-0,01									
Rear Legs Side View	0,33									
Foot Angle	0,76									
Fore Udder Attachment	-0,17									
Front Teat Placement	0,08									
Teat Length	-0,33									
Rear Udder Height	-0,73									
Rear Udder Width	-0,81									
Central Ligament	-0,57									
Udder Depth	0,64									
Rump Width	2,34									
Rear Legs Rear View	0,60									
Rear Teat Placement	0,06									
Locomotion	-0,34									
Body Condition	0,46									

daught. average

76,1	Frame	1,22
72,4	Dairy Strength	0,52
77,5	Feet & Legs	0,45
76,2	Udder	-0,73
	SHI	-34,8
	rank	605.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
SILKY DIEGO	CA000006509027	12.03.1996	MNL-008
Country of origin	CA	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	04.05.1998
		CAN	376625

Pedigree

Sire	PGS	EXELS S-W-D EAGLE
LUTZ-MEADOWS E MANDEL-ET		US000001858047
US000002119526	PGD	LUTZ-MEADOWS MARK MEDLEY-ET
		US000012593031
Dam	MGS	MADAWASKA AEROSTAR
JEANRI AEROSTAR CONNIE		CA000000383622
CA000005361334	MGD	COLDSPRINGS MARK FANCY-ET
		CA000004387189

Milk production data	SK 10/2018	Herds	52	Daug.	533	Rel.	98 %	SPI	395
Number controls		BV		Milk		Fat		rank	382.
10596				174		7	0,00	SCS	3,19
						-1	-0,13	rank	804.

Type data	SHA 10/2018	Herds	19 / 10	Daug.	83	78,6	Rel.	85 %	TYPE	0,35
								rank	378.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,56									
Angularity	0,17									
Chest Width	-0,94									
Body Depth	0,24									
Rump Angle	-1,31									
Rear Legs Side View	-0,07									
Foot Angle	-0,01									
Fore Udder Attachment	1,51									
Front Teat Placement	-0,01									
Teat Length	0,92									
Rear Udder Height	-0,03									
Rear Udder Width	0,09									
Central Ligament	-0,99									
Udder Depth	0,02									
Rump Width	-0,37									
Rear Legs Rear View	0,68									
Rear Teat Placement	0,00									
Locomotion	1,65									
Body Condition	0,62									

daught. average

81,8	Frame	0,27
78,6	Dairy Strength	0,29
79,3	Feet & Legs	1,00
76,4	Udder	-0,18
	SHI	25,8
	rank	342.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
KEYSTONE POTTER	US000128367894	19.08.1999	MED-004

Country of origin	US	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	12.05.2004
		USA	9063A

Pedigree

Sire	PGS	OSDEL-ENDEAVOR BOVA CUBBY
HA-HO CUBBY MANFRED-ET	US000001986164	BA-002
US000002183007	PGD	HA-HO TESK MELANIE
	US0000013066986	
Dam	MGS	KED JUROR-ET
KEYSTONE JUROR PASTA-ET	US000002124357	BS-017
US0000017077090	MGD	KEYSTONE SOUTHWIND PIZZA
	US0000014503707	

Milk production data	SK 10/2018	Herds	53	Daug.	1080	Rel.	99 %	SPI	708
Number controls		BV		Milk		Fat		rank	325.
23892				472		-1	-0,34	1	-0,28
								SCS	2,78
								rank	289.

Type data	SHA 10/2018	Herds	136 / 26	Daug.	719	79,6	Rel.	98 %	TYPE	0,34
								rank	379.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,39									
Angularity	-0,40									
Chest Width	0,36									
Body Depth	0,22									
Rump Angle	-0,27									
Rear Legs Side View	0,05									
Foot Angle	-0,56									
Fore Udder Attachment	1,16									
Front Teat Placement	1,35									
Teat Length	1,15									
Rear Udder Height	0,71									
Rear Udder Width	0,03									
Central Ligament	0,30									
Udder Depth	1,10									
Rump Width	-0,17									
Rear Legs Rear View	1,12									
Rear Teat Placement	0,04									
Locomotion	-1,60									
Body Condition	0,04									

daught. average	81,9	Frame	-0,21
	79,5	Dairy Strength	-0,13
	79,4	Feet & Legs	-0,85
	78,5	Udder	1,18
		SHI	35,0
		rank	316.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
CHORUSIC KEKS-ET	CZ000525408021	18.09.2006	GAD-007
Country of origin	CZ	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	10.01.2007
		CZ	0700035

Pedigree

Sire	PGS	SHOREMAR JAMES
BRAEDALE GOLDWYN-ET		CA000005902195
CA000010705608	PGD	BRAEDALE BALER TWINE-ET
GAD-002		CA000006860888
Dam	MGS	FUSTEAD EMORY BLITZ-ET
KILDARE BLITZ LATOYA-ET		US000017013604
CA000008278824	MGD	KILDARE PICOLEE-ET
		CA000010501032

Milk production data	SK 10/2018	Herds	89	Daug.	2398	Rel.	99 %	SPI	482
Number controls		BV		Milk		Fat		rank	363.
41407				116		8	0,06	SCS	2,15
								rank	9.

Type data	SHA 10/2018	Herds	74 / 28	Daug.	533	80,7	Rel.	97 %	TYPE	0,34
								rank	380.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,50									
Angularity	2,74									
Chest Width	-2,26									
Body Depth	-1,74									
Rump Angle	-0,42									
Rear Legs Side View	0,67									
Foot Angle	-0,61									
Fore Udder Attachment	0,85									
Front Teat Placement	0,36									
Teat Length	-1,05									
Rear Udder Height	1,46									
Rear Udder Width	0,29									
Central Ligament	1,22									
Udder Depth	0,52									
Rump Width	-2,41									
Rear Legs Rear View	0,56									
Rear Teat Placement	0,02									
Locomotion	-0,58									
Body Condition	-2,46									

daught. average

82,9	Frame	-1,35
81,3	Dairy Strength	0,38
81,9	Feet & Legs	-0,71
78,6	Udder	1,85
	SHI	28,2
	rank	329.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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Bull name	Registration number	Birth date	State Register
BR VG NOTES-ET	CZ000539251051	10.09.2009	EMY-027

Country of origin	CZ	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	25.11.2009
		CZ	0903892

Pedigree

Sire	PGS	FUSTEAD EMORY BLITZ-ET
VELVET-VIEW-KJ SOCRATES-ET		US000017013604
US000133126053	PGD	SHER-EST PRELUDE SWEET-ET
		US000015421158
Dam	MGS	END-ROAD PVF BOLIVER-ET
COGENT BOLIVER HEAVEN-ET		US000123586443
GB160193303267	MGD	DARLAWN MARSHELL HEAVEN-ET
		US000131435032

Milk production data	SK 10/2018	Herds	18	Daug.	258	Rel.	94 %	SPI	2627
Number controls		BV		Milk		Fat	%	rank	66.
1181				809		17	-0,24	16	-0,18
								SCS	2,62
								rank	141.

Type data	SHA 10/2018	Herds	11 / 6	Daug.	56	80,4	Rel.	76 %	TYPE	0,34
								rank	381.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,24									
Angularity	1,39									
Chest Width	-0,67									
Body Depth	-0,13									
Rump Angle	-0,22									
Rear Legs Side View	0,47									
Foot Angle	-0,23									
Fore Udder Attachment	0,15									
Front Teat Placement	-0,69									
Teat Length	0,02									
Rear Udder Height	0,92									
Rear Udder Width	-0,62									
Central Ligament	1,43									
Udder Depth	0,47									
Rump Width	-2,41									
Rear Legs Rear View	-0,26									
Rear Teat Placement	0,64									
Locomotion	0,55									
Body Condition	-0,68									

daught. average

84,2	Frame	0,01
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80,8	Dairy Strength	0,92
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81,2	Feet & Legs	0,03
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78,1	Udder	0,19
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	SHI	92,8
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rank 129.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
KILDARE MENHAT-ET	CA000010810346	06.11.2001	MTA-003

Country of origin	CA	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	21.07.2006
		US	NC7149

Pedigree

Sire	PGS	LUTZ-MEADOWS E MANDEL-ET
MANAT-ET		US000002119526
DE002261530135	PGD	IMPERIAL SPLENDORS STYLE
MNL-004		US000013633539
Dam	MGS	COMESTAR LEE-ET
KILDARE PICOLEE-ET		CA000005757117
CA000010501032	MGD	KILDARE MASON PICOLIN-ET
		CA000006781434

Milk production data	SK 10/2018	Herds	15	Daug.	207	Rel.	97 %	SPI	1694
Number controls		BV		Milk		Fat	%	rank	152.
3824				250		21	0,19	SCS	3,66
						12	0,09	rank	1216.

Type data	SHA 10/2018	Herds	15 / 5	Daug.	72	78,4	Rel.	84 %	TYPE	0,34
								rank	382.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,01									
Angularity	1,25									
Chest Width	-0,82									
Body Depth	-0,21									
Rump Angle	1,90									
Rear Legs Side View	1,07									
Foot Angle	-0,18									
Fore Udder Attachment	0,08									
Front Teat Placement	-1,01									
Teat Length	-0,44									
Rear Udder Height	0,45									
Rear Udder Width	0,82									
Central Ligament	0,48									
Udder Depth	-0,25									
Rump Width	-0,66									
Rear Legs Rear View	-0,86									
Rear Teat Placement	-0,61									
Locomotion	-0,26									
Body Condition	-0,79									

daught. average

80,8	Frame	-0,16
80,2	Dairy Strength	1,10
76,8	Feet & Legs	-0,56
77,1	Udder	0,59
	SHI	64,5
	rank	214.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
RAMZ	FR002216121404	20.01.2000	MNA-011
Country of origin	FR	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	12.10.2005
		FRA	A0080548.1

Pedigree

Sire	PGS	BIS-MAY S-E-L MOUNTAIN-ET
ETAZON ADDISON-ET		US000002070579
NL000839380546	PGD	TIDY-BROOK ELTON STEPH-ET
		US000014080279
Dam	MGS	WELLS MASCOT CORKY-ET
ODILE		US000002203438
FR002298001536	MGD	MARINETTE
		FR002296001583

Milk production data	SK 10/2018	Herds	42	Daug.	736	Rel.	99 %	SPI	2506
Number controls		BV		Milk		Fat	%	rank	77.
13581				656	18	-0,13	17	SCS	3,23
								rank	858.

Type data	SHA 10/2018	Herds	67 / 16	Daug.	344	79,1	Rel.	96 %	TYPE	0,34
								rank	383.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,32									
Angularity	-1,09									
Chest Width	-0,05									
Body Depth	-0,64									
Rump Angle	0,75									
Rear Legs Side View	-1,31									
Foot Angle	0,64									
Fore Udder Attachment	1,20									
Front Teat Placement	2,18									
Teat Length	0,53									
Rear Udder Height	0,85									
Rear Udder Width	1,29									
Central Ligament	-1,39									
Udder Depth	0,50									
Rump Width	1,01									
Rear Legs Rear View	-0,43									
Rear Teat Placement	0,09									
Locomotion	2,31									
Body Condition	0,35									

daught. average

81,7	Frame	-0,19
78,3	Dairy Strength	-1,48
79,5	Feet & Legs	1,33
78,0	Udder	1,05
	SHI	89,0
	rank	136.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
RICECREST MONDAY-ET	US000002301353	23.01.1996	SIR-001

Country of origin	US	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	24.07.2000
		CAN	227743

Pedigree

Sire	PGS	KINGSTEAD VALIANT TAB
COMBINATION SUPERSIRE		CA000000369275
CA000000400935	PGD	LOVAL SHEIK JEN
VAL-018		CA000003817647
Dam	MGS	ROTHROCK TRADITION LEADMAN
RICECREST LEADMAN MANDY		US000001983348 TDN-004
US000014689202	MGD	WA-DEL RC BLCKSTR MARTHA-ET
		US000013907649

Milk production data	SK 10/2018	Herds	22	Daug.	306	Rel.	98 %	SPI	997
Number controls		BV		Milk		Fat	%	Prot.	%
6547				192	13	0,10	6	-0,01	SCS
									rank
									275.
									rank
									1000.

Type data	SHA 10/2018	Herds	16 / 8	Daug.	64	78,0	Rel.	81 %	TYPE	0,33
									rank	384.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-1,07									
Angularity	-0,08									
Chest Width	-1,37									
Body Depth	0,54									
Rump Angle	0,22									
Rear Legs Side View	0,67									
Foot Angle	-0,36									
Fore Udder Attachment	0,81									
Front Teat Placement	-0,06									
Teat Length	-1,11									
Rear Udder Height	0,63									
Rear Udder Width	1,87									
Central Ligament	-0,49									
Udder Depth	0,45									
Rump Width	1,06									
Rear Legs Rear View	1,04									
Rear Teat Placement	1,06									
Locomotion	0,06									
Body Condition	0,32									

daught. average	79,4	Frame	-0,97
	78,1	Dairy Strength	-0,15
	78,5	Feet & Legs	0,52
	77,0	Udder	1,11
		SHI	43,4
		rank	284.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
TEXEL BEAUTY PIONEER-ET	NL000522336869	17.09.2009	BS-071

Country of origin	NL	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	15.04.2011
		DE	11/35764

Pedigree

Sire	PGS	ROSE-BAUM TABOO-ET
ENSENADA TABOO PLANET-ET		US000017121203
US000060597003	PGD	PLUSHANSKI AMEL PATTY-ET
BS-050		US000130161039
Dam	MGS	PICSTON SHOTTLE-ET
HENDEL SHOTTLE MICA 2144-ET		GB000000598172
US000062284766	MGD	HENDEL DURHAM MITZI 1390
		US000060282304

Milk production data	SK 10/2018	Herds	26	Daug.	530	Rel.	97 %	SPI	2912
Number controls		BV		Milk		Fat	%	rank	52.
2801				956		8	-0,47	SCS	2,43
								rank	56.

Type data	SHA 10/2018	Herds	41 / 13	Daug.	219	81,5	Rel.	92 %	TYPE	0,33
								rank	385.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,05									
Angularity	0,92									
Chest Width	-0,27									
Body Depth	-1,17									
Rump Angle	-0,57									
Rear Legs Side View	-1,14									
Foot Angle	-0,11									
Fore Udder Attachment	1,75									
Front Teat Placement	1,54									
Teat Length	-1,40									
Rear Udder Height	0,47									
Rear Udder Width	-0,75									
Central Ligament	-0,40									
Udder Depth	1,80									
Rump Width	-0,22									
Rear Legs Rear View	0,64									
Rear Teat Placement	0,97									
Locomotion	2,29									
Body Condition	0,48									

daught. average

84,7	Frame	-0,17
81,0	Dairy Strength	-0,05
83,6	Feet & Legs	0,91
79,2	Udder	0,37
	SHI	101,0
	rank	112.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
LORDAS	DE000348825855	05.03.2005	LUS-008
Country of origin	DE	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	26.05.2005
		DE	05/37602

Pedigree

Sire	PGS	LUKAS
LAUDAN-ET		DE001012104370
DE000578448776	PGD	BRISANZ 1
		DE000576302497
Dam	MGS	MAUGHLIN STORM-ET
SANJA 275		CA000005457798
DE000343700275	MGD	SULINE
		DE001021112706

Milk production data	SK 10/2018	Herds	41	Daug.	372	Rel.	98 %	SPI	1399
Number controls		BV		Milk		Fat	%	Prot.	%
7225				354		5	-0,17	12	0,02
								SCS	3,38
								rank	193.
								rank	1036.

Type data	SHA 10/2018	Herds	29 / 12	Daug.	100	79,6	Rel.	86 %	TYPE	0,33
								rank	386.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,87									
Angularity	1,78									
Chest Width	-1,63									
Body Depth	-2,01									
Rump Angle	-1,83									
Rear Legs Side View	-0,51									
Foot Angle	0,26									
Fore Udder Attachment	0,97									
Front Teat Placement	0,22									
Teat Length	-1,29									
Rear Udder Height	1,55									
Rear Udder Width	0,58									
Central Ligament	0,41									
Udder Depth	0,40									
Rump Width	-1,16									
Rear Legs Rear View	0,66									
Rear Teat Placement	-1,07									
Locomotion	0,05									
Body Condition	-1,20									

daught. average

81,7	Frame	-1,47
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80,4	Dairy Strength	0,24
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80,9	Feet & Legs	0,36
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77,4	Udder	1,42
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	SHI	55,4
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rank 244.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
MAPEL WOOD COMMOTION-ET	CA000005897055	18.08.1993	ATE-004
Country of origin	CA	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	22.12.1993
		CAN	315917

Pedigree

Sire	PGS	HANOVERHILL STARBUCK
DUREGAL ASTRE STARBUCK ET		CA000000352790
CA000000392405	PGD	DUREGAL RIVALITY VALIANT-ET
STB-015		CA000003637287
Dam	MGS	WALKWAY CHIEF MARK
ARNELL MARK DIAMONDS-ET		US000001773417
CA000004850253	MGD	ARNELL MARQUIS DARLA
		CA000003532355

Milk production data	SK 10/2018	Herds	22	Daug.	157	Rel.	95 %	SPI	-118
Number controls		BV		Milk		Fat		rank	484.
3305				22		-2	-0,07	SCS	3,00
						-1	-0,05	rank	558.

Type data	SHA 10/2018	Herds	9 / 6	Daug.	30	78,1	Rel.	69 %	TYPE	0,33
								rank	387.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	1,46									
Angularity	0,84									
Chest Width	-0,44									
Body Depth	1,10									
Rump Angle	-0,33									
Rear Legs Side View	0,57									
Foot Angle	-1,63									
Fore Udder Attachment	-0,89									
Front Teat Placement	0,42									
Teat Length	0,41									
Rear Udder Height	-0,65									
Rear Udder Width	0,27									
Central Ligament	-0,11									
Udder Depth	0,05									
Rump Width	0,33									
Rear Legs Rear View	0,44									
Rear Teat Placement	1,55									
Locomotion	-0,45									
Body Condition	-0,93									

daught. average

82,0	Frame	1,26
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77,9	Dairy Strength	1,40
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76,8	Feet & Legs	-1,38
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76,7	Udder	-0,20
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	SHI	9,6
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rank 424.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
FOLLETO	DK000000246585	09.09.2002	JUX-005
Country of origin	Breed	H100	
DK	H100		
Distributor	Herdbook	HA	
SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	HA		
	Paternity	08.04.2003	
	DNK	239155	

Pedigree

Sire	PGS	KED JUROR-ET
ALZI JUROR FORD		US000002124357
IT003604039709	PGD	ALZI SOUTHWIND CARLA
		IT003604011441
Dam	MGS	ETAZON ADDISON-ET
		NL000839380546
DK004199600977	MGD	DK004199600830

Milk production data	SK 10/2018	Herds	35	Daug.	77	Rel.	91 %	SPI	1334
Number controls		BV		Milk	Fat	%	Prot.	%	rank
1474				317	20	0,13	5	-0,10	SCS
									rank
									204.
									2,42
									52.

Type data	SHA 10/2018	Herds	9 / 7	Daug.	21	77,9	Rel.	60 %	TYPE	0,32
									rank	388.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,20									
Angularity	0,07									
Chest Width	-0,69									
Body Depth	-1,04									
Rump Angle	2,19									
Rear Legs Side View	0,83									
Foot Angle	0,56									
Fore Udder Attachment	0,38									
Front Teat Placement	1,68									
Teat Length	-1,04									
Rear Udder Height	0,81									
Rear Udder Width	-0,20									
Central Ligament	-0,55									
Udder Depth	0,47									
Rump Width	0,29									
Rear Legs Rear View	-1,18									
Rear Teat Placement	1,58									
Locomotion	0,02									
Body Condition	-1,33									

daught. average

80,2	Frame	0,09
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77,4	Dairy Strength	-0,16
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77,8	Feet & Legs	0,17
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77,0	Udder	0,54
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	SHI	53,2
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rank 251.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
GI-HILLCREST SW ELITE	US000002170753	04.01.1991	BEL-015

Country of origin	US	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	05.02.1992
		USA	IG165414D

Pedigree

Sire	PGS	CARLIN-M IVANHOE BELL
SOUTHWIND BELL OF BAR-LEE		US000001667366
US000001964484	PGD	SOUTHWIND VALIANT NAOMA-ET
BEL-001		US000011489023
Dam	MGS	WALKWAY CHIEF MARK
GL-HILLCREST MARK 1F RHNEA		US000001773417
US000013055672	MGD	GI-HILLCREST TONY RHNEA 1F-ET
		US000012063723

Milk production data	SK 10/2018	Herds	34	Daug.	231	Rel.	97 %	SPI	-1450
Number controls		BV		Milk		Fat		rank	798.
4759				-419		-6	0,19	SCS	3,12
						-11	0,04	rank	712.

Type data	SHA 10/2018	Herds	8 / 4	Daug.	16	75,8	Rel.	64 %	TYPE	0,32
								rank	389.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,54									
Angularity	0,80									
Chest Width	-0,28									
Body Depth	-0,10									
Rump Angle	-0,06									
Rear Legs Side View	-0,95									
Foot Angle	-0,77									
Fore Udder Attachment	-1,21									
Front Teat Placement	0,16									
Teat Length	-0,05									
Rear Udder Height	-0,42									
Rear Udder Width	-0,45									
Central Ligament	1,47									
Udder Depth	-0,38									
Rump Width	1,82									
Rear Legs Rear View	-0,78									
Rear Teat Placement	-0,08									
Locomotion	0,15									
Body Condition	-0,40									

daught. average

77,9	Frame	0,54
73,7	Dairy Strength	0,59
76,6	Feet & Legs	-0,43
75,6	Udder	0,09
	SHI	-30,8
	rank	591.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
STANBRO MONEY-ET	CA000010751490	09.08.2000	ELN-015
Country of origin	CA	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	28.03.2001
		CA	DC43040

Pedigree

Sire	PGS	EMPRISE BELL ELTON
WA-DEL CONVINCER-ET		US000001912270
US000002249055	PGD	WA-DEL CLEITUS CINDY-ET
ELN-002		US000013372706
Dam	MGS	NORRIELAKE CLEITUS LUKE-TWIN
STANBRO MONALISA-ET		US000002071864 CLE-005
CA000006419278	MGD	GUERINK SOUTHWIND MARGIE-ET
		US000014545064

Milk production data	SK 10/2018	Herds	22	Daug.	299	Rel.	97 %	SPI	-558
Number controls		BV		Milk		Fat	%	Prot.	%
5418				-221	11	0,37	-8	-0,04	SCS
									rank
									582.
									rank
									914.

Type data	SHA 10/2018	Herds	11 / 7	Daug.	61	78,9	Rel.	80 %	TYPE	0,32
									rank	390.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,40									
Angularity	1,88									
Chest Width	-1,53									
Body Depth	-1,88									
Rump Angle	0,01									
Rear Legs Side View	0,04									
Foot Angle	-1,20									
Fore Udder Attachment	0,95									
Front Teat Placement	1,36									
Teat Length	-1,77									
Rear Udder Height	1,23									
Rear Udder Width	-0,07									
Central Ligament	1,60									
Udder Depth	1,33									
Rump Width	-1,04									
Rear Legs Rear View	0,14									
Rear Teat Placement	2,04									
Locomotion	-0,06									
Body Condition	-2,20									

daught. average

82,7	Frame	-0,37
80,7	Dairy Strength	0,50
77,2	Feet & Legs	-0,23
77,0	Udder	1,00
	SHI	-4,0
	rank	479.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
MAINSTREAM MANIFOLD	US000135747713	26.09.2004	MED-025

Country of origin	US	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	03.10.2005
		CA	DC147970

Pedigree

Sire	PGS	HA-HO CUBBY MANFRED-ET US000002183007
O-BEE MANFRED JUSTICE-ET US000122358313 MED-012	PGD	MEIER-MEADOWS EL JEZEBEL-ET US000015459080
Dam	MGS	MARA-THON BW MARSHALL-ET TV US000002290977
MAINSTREAM MARSH AEROINE US000131601848	MGD	MAINSTREAM EMORY HERSHEY US000128074257

Milk production data	SK 10/2018	Herds	49	Daug.	1976	Rel.	99 %	SPI	3717
Number controls		BV		Milk		Fat		rank	22.
32724				832		30	-0,04	SCS	2,92
						27	0,02	rank	460.

Type data	SHA 10/2018	Herds	75 / 14	Daug.	323	81,0	Rel.	95 %	TYPE	0,31
								rank	391.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,15									
Angularity	0,05									
Chest Width	0,32									
Body Depth	0,68									
Rump Angle	-0,72									
Rear Legs Side View	-0,66									
Foot Angle	-0,31									
Fore Udder Attachment	1,37									
Front Teat Placement	0,70									
Teat Length	1,03									
Rear Udder Height	0,54									
Rear Udder Width	-0,04									
Central Ligament	-0,89									
Udder Depth	0,57									
Rump Width	0,19									
Rear Legs Rear View	-1,64									
Rear Teat Placement	-1,06									
Locomotion	-2,29									
Body Condition	-0,34									

daught. average

84,0	Frame	0,07
81,9	Dairy Strength	0,61
81,7	Feet & Legs	-1,32
78,7	Udder	0,72
	SHI	124,4
	rank	63.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
SECAM	FR007627604539	04.12.2001	JAT-003

Country of origin	FR	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	23.01.2003
		FRA	118456

Pedigree

Sire	PGS	DELTA CLEITUS JABOT
LORAK		NL000316419721
FR001095001791	PGD	INGENUÉ
		FR001093000309
Dam	MGS	BEACHLAWN GELPRO TOBEY-ET
ODYSSEE		US000002182343
FR007698047609	MGD	SUPER NANA
		FR007697003294

Milk production data	SK 10/2018	Herds	41	Daug.	122	Rel.	94 %	SPI	1322
Number controls		BV		Milk		Prot.		rank	209.
2605				300	11	-0,03	10	SCS	2,59
								rank	124.

Type data	SHA 10/2018	Herds	13 / 9	Daug.	33	78,4	Rel.	68 %	TYPE	0,30
								rank	392.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,09									
Angularity	1,21									
Chest Width	-0,66									
Body Depth	0,19									
Rump Angle	1,18									
Rear Legs Side View	0,04									
Foot Angle	-1,06									
Fore Udder Attachment	-0,50									
Front Teat Placement	1,43									
Teat Length	0,20									
Rear Udder Height	1,85									
Rear Udder Width	1,42									
Central Ligament	0,23									
Udder Depth	-0,35									
Rump Width	-0,47									
Rear Legs Rear View	-0,68									
Rear Teat Placement	1,85									
Locomotion	-0,83									
Body Condition	-0,03									

daught. average

80,9	Frame	-0,15
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80,0	Dairy Strength	1,00
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77,2	Feet & Legs	-0,59
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77,2	Udder	0,77
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	SHI	52,0
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rank 253.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
LOUBEL DOUBLE PLAY	CA000005336993	14.03.1991	LID-003
Country of origin	CA	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	22.06.1992
		CAN	279155

Pedigree

Sire	PGS	S-W-D VALIANT
A TOWNSON LINDY-ET		US000001650414
CA000000382748	PGD	TOWNSON ELEVATION LINDY
		US000008721357
Dam	MGS	HANOVERHILL STARBUCK
DE LA PRESENTATION DEBY- ET		CA000000352790
CA000004467638	MGD	DE LA PRESENTATION ONELLE
		CA000003492620

Milk production data	SK 10/2018	Herds	18	Daug.	241	Rel.	97 %	SPI	-1543
Number controls		BV		Milk		Fat	%	Prot.	%
4435				-68	-21	-0,35	-14	-0,26	SCS
									3,51
									rank
									824.
									rank
									1144.

Type data	SHA 10/2018	Herds	10 / 5	Daug.	37	77,5	Rel.	74 %	TYPE	0,30
									rank	393.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,37									
Angularity	0,52									
Chest Width	0,59									
Body Depth	0,51									
Rump Angle	-0,18									
Rear Legs Side View	1,24									
Foot Angle	-1,70									
Fore Udder Attachment	-1,52									
Front Teat Placement	-1,12									
Teat Length	0,87									
Rear Udder Height	-0,19									
Rear Udder Width	0,24									
Central Ligament	-0,14									
Udder Depth	-0,14									
Rump Width	2,06									
Rear Legs Rear View	-0,08									
Rear Teat Placement	0,78									
Locomotion	-1,12									
Body Condition	-0,46									

daught. average

81,3	Frame	0,72
75,8	Dairy Strength	1,31
76,4	Feet & Legs	-1,48
76,7	Udder	-0,01
	SHI	-34,5
	rank	603.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
TEDESCO LACTO	CA000005346057	08.03.1991	LAD-005

Country of origin	CA	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	29.11.1991
		CAN	262739

Pedigree

Sire	PGS	SWEET-HAVEN TRADITION
ROTHROCK TRADITION LEADMAN		US000001682485
US000001983348	PGD	WALKUP VALIANT LOU ELLA
TDN-004		US000010930744
Dam	MGS	S-W-D VALIANT
O-BEE VALIANT LILA		US000001650414
CA000003951964	MGD	O-BEE ELEVATION LINDA
		US000008888474

Milk production data	SK 10/2018	Herds	98	Daug.	1227	Rel.	99 %	SPI	-1537
Number controls		BV		Milk		Fat	%	rank	821.
22207				-306		-15	-0,07	SCS	4,08
						-11	-0,04	rank	1277.

Type data	SHA 10/2018	Herds	12 / 8	Daug.	26	77,6	Rel.	77 %	TYPE	0,30
								rank	394.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,54									
Angularity	0,28									
Chest Width	0,30									
Body Depth	0,63									
Rump Angle	-0,64									
Rear Legs Side View	-0,05									
Foot Angle	0,17									
Fore Udder Attachment	-0,94									
Front Teat Placement	-0,66									
Teat Length	0,93									
Rear Udder Height	-0,01									
Rear Udder Width	0,38									
Central Ligament	1,03									
Udder Depth	-0,50									
Rump Width	1,24									
Rear Legs Rear View	-0,12									
Rear Teat Placement	0,73									
Locomotion	-1,18									
Body Condition	-0,76									

daught. average

81,2	Frame	0,61
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75,5	Dairy Strength	0,59
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77,9	Feet & Legs	0,46
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76,3	Udder	-0,25
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	SHI	-34,4
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rank 602.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
OSTERTIN MAGUA P-ET	CZ000580391053	06.10.2008	LBO-001
Country of origin	CZ	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	29.07.2010
		CZ	0901877

Pedigree

Sire	PGS	DUDOC BACCULUM-ET
AGGRAVATION LAWN BOY P-RED		CA000009104500
US000133080890		ATE-008
	PGD	AGGRAVATION BRIGITTE P-ET
		US000130237903
Dam	MGS	HICKORYMEA OTTAWA P-ET
OSTRETIN MIA 4P		US000129536035
CZ000171029953		
	MGD	OSTRETIN MIA 2-ET
		CZ000109459953

Milk production data	SK 10/2018	Herds	20	Daug.	244	Rel.	95 %	SPI	2793
Number controls		BV		Milk		Fat	%	Prot.	%
3038				629	12	-0,22	25	0,10	
								SCS	2,79
								rank	58.
								rank	292.

Type data	SHA 10/2018	Herds	14 / 4	Daug.	39	81,6	Rel.	69 %	TYPE	0,30
									rank	395.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,05									
Angularity	0,03									
Chest Width	-0,27									
Body Depth	-0,33									
Rump Angle	-0,75									
Rear Legs Side View	-0,16									
Foot Angle	-0,26									
Fore Udder Attachment	0,24									
Front Teat Placement	0,35									
Teat Length	-0,67									
Rear Udder Height	0,46									
Rear Udder Width	1,05									
Central Ligament	0,53									
Udder Depth	0,20									
Rump Width	-0,57									
Rear Legs Rear View	0,82									
Rear Teat Placement	0,67									
Locomotion	-0,52									
Body Condition	0,87									

daught. average

85,3 **Frame** **0,07**

81,2 **Dairy Strength** **-0,19**

83,6 **Feet & Legs** **-0,11**

79,3 **Udder** **0,66**

SHI **96,0**

rank 123.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
CARRON	FR008501200627	08.04.2007	LU-031
Country of origin	FR	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	21.11.2007
		FR	F/S 416815

Pedigree

Sire	PGS	LEXVOLD LUKE HERSHEL-ET
SANDY-VALLEY BOLTON-ET		US000002294436
US000131823833		LU-013
	PGD	SANDY-VALLEY BLESSING-ET
		US000128824973
Dam	MGS	OKENDO
JELTJ 0420		FR002998012650
FR008501200420		
	MGD	JELTJ 4942
		FR008562204942

Milk production data	SK 10/2018	Herds	43	Daug.	278	Rel.	97 %	SPI	713
Number controls		BV		Milk		Fat	%	Prot.	%
5727				48		20	0,33	1	-0,01
								SCS	2,68
								rank	324.
								rank	179.

Type data	SHA 10/2018	Herds	37 / 15	Daug.	101	79,9	Rel.	87 %	TYPE	0,29
									rank	396.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	1,57									
Angularity	-0,22									
Chest Width	-1,21									
Body Depth	-1,06									
Rump Angle	0,73									
Rear Legs Side View	1,98									
Foot Angle	-0,71									
Fore Udder Attachment	0,65									
Front Teat Placement	0,86									
Teat Length	-0,27									
Rear Udder Height	0,99									
Rear Udder Width	0,59									
Central Ligament	-0,30									
Udder Depth	1,09									
Rump Width	-0,48									
Rear Legs Rear View	-0,79									
Rear Teat Placement	0,42									
Locomotion	0,43									
Body Condition	-1,07									

daught. average

84,1	Frame	1,10
79,4	Dairy Strength	-1,21
80,3	Feet & Legs	-1,07
77,8	Udder	0,65
	SHI	33,2
	rank	321.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
DURANO-ET	DE001500161203	15.11.2004	ELN-013
Country of origin	DE	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	06.01.2005
		DE	04/5371

Pedigree

Sire	PGS	EMPRISE BELL ELTON
REGANCREST ELTON DURHAM-ET		US000001912270
US000002250783	PGD	SNOW-N DENISES DELLIA
		US000012895802
Dam	MGS	BOULET CHARLES-ET
MASAL CHARLES PRINCESS		CA000000395671
US000015764234	MGD	C PROVETAZ PERSEUS BROKER
		US000015368399

Milk production data	SK 10/2018	Herds	30	Daug.	85	Rel.	92 %	SPI	-2970
Number controls		BV		Milk		Fat		rank	1124.
1729				-587		-33	-0,23	SCS	3,14
						-20	-0,04	rank	735.

Type data	SHA 10/2018	Herds	6 / 6	Daug.	14	79,5	Rel.	53 %	TYPE	0,29
								rank	397.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,65									
Angularity	-0,35									
Chest Width	2,30									
Body Depth	2,40									
Rump Angle	-0,06									
Rear Legs Side View	-0,45									
Foot Angle	-0,04									
Fore Udder Attachment	0,84									
Front Teat Placement	-1,60									
Teat Length	1,23									
Rear Udder Height	-0,88									
Rear Udder Width	-0,92									
Central Ligament	-0,25									
Udder Depth	0,49									
Rump Width	2,14									
Rear Legs Rear View	0,78									
Rear Teat Placement	-0,14									
Locomotion	0,45									
Body Condition	1,88									

daught. average

85,3 **Frame** **1,65**

80,1 **Dairy Strength** **0,82**

78,8 **Feet & Legs** **0,56**

76,7 **Udder** **-0,97**

SHI **-78,0**

rank 756.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
AMBOISE	FR006115062265	13.01.2005	MED-010
Country of origin	FR	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	09.03.2005
		FR	F/S 276253

Pedigree

Sire	PGS	HA-HO CUBBY MANFRED-ET
O-BEE MANFRED JUSTICE-ET		US000002183007
US000122358313	PGD	MEIER-MEADOWS EL JEZEBEL-ET
MED-012		US000015459080
Dam	MGS	JOCKO BESN
ROLLS-EHB		FR005694028588
FR004509620370	MGD	MEIKA EHB
		FR004596001494

Milk production data	SK 10/2018	Herds	19	Daug.	67	Rel.	91 %	SPI	-784
Number controls		BV		Milk	Fat	%	Prot.	%	rank
1232				-264	-8	0,03	-3	0,11	SCS
									rank
									638.
									985.

Type data	SHA 10/2018	Herds	9 / 5	Daug.	28	78,2	Rel.	67 %	TYPE	0,28
									rank	398.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	1,74									
Angularity	-0,09									
Chest Width	1,36									
Body Depth	1,93									
Rump Angle	0,08									
Rear Legs Side View	-0,99									
Foot Angle	-0,11									
Fore Udder Attachment	-1,18									
Front Teat Placement	-0,05									
Teat Length	1,28									
Rear Udder Height	-0,76									
Rear Udder Width	-0,72									
Central Ligament	-0,13									
Udder Depth	-0,15									
Rump Width	0,31									
Rear Legs Rear View	-1,13									
Rear Teat Placement	-0,40									
Locomotion	-1,14									
Body Condition	0,54									

daught. average

85,3 **Frame** 1,97

80,4 **Dairy Strength** 0,74

75,5 **Feet & Legs** -0,51

74,8 **Udder** -1,00

SHI -12,5

rank 517.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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Bull name	Registration number	Birth date	State Register
SANDY-VALLEY DEPUTY-ET	US000062188557	09.04.2005	LUS-014
Country of origin	US	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	15.03.2006
		CA	DC158133

Pedigree

Sire	PGS	LUKAS
LAUDAN-ET		DE001012104370
DE000578448776	PGD	BRISANZ 1
		DE000576302497
Dam	MGS	COMESTAR OUTSIDE-ET
REGAN-ENGLAND DELLA 3134-ET		CA000006026421
US000061029762	MGD	REGANCREST-BDE DREAMS
		US000125492162

Milk production data	SK 10/2018	Herds	17	Daug.	527	Rel.	99 %	SPI	2372	
Number controls		BV		Milk		Fat	%	Prot.	%	
10885				699	8	-0,33	19	-0,07		
									rank	86.
									SCS	2,09
									rank	6.

Type data	SHA 10/2018	Herds	12 / 4	Daug.	37	80,8	Rel.	70 %	TYPE	0,28	
										rank	399.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,62									
Angularity	0,68									
Chest Width	-0,83									
Body Depth	-1,56									
Rump Angle	-0,82									
Rear Legs Side View	-0,06									
Foot Angle	0,30									
Fore Udder Attachment	0,47									
Front Teat Placement	1,40									
Teat Length	-1,99									
Rear Udder Height	0,30									
Rear Udder Width	-0,63									
Central Ligament	0,29									
Udder Depth	1,41									
Rump Width	-0,27									
Rear Legs Rear View	0,80									
Rear Teat Placement	0,73									
Locomotion	1,14									
Body Condition	-0,65									

daught. average

83,8	Frame	0,18
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81,0	Dairy Strength	-0,13
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82,8	Feet & Legs	0,43
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78,4	Udder	0,07
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	SHI	82,6
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rank 153.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
LATUCH ELEGANT TORO-ET	US000062711203	26.08.2006	BW-054
Country of origin	US	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	24.07.2007
		US	MO7028562

Pedigree

Sire	PGS	MARA-THON BW MARSHALL-ET TV
HONEYCREST ELEGANT-ET		US000002290977
US000130629351	PGD	HONEYCREST PATRON TANYA-ET
		US000018001494
Dam	MGS	RICECREST BOONE-ET
LATUCH BOONE TERESA		US000002296354
US000131616082	MGD	LATUCH DEMAND TRUDY
		US000127766140

Milk production data	SK 10/2018	Herds	13	Daug.	238	Rel.	95 %	SPI	2575
Number controls		BV		Milk		Fat		rank	72.
3488				557		29	0,11	SCS	2,34
						16	-0,03	rank	33.

Type data	SHA 10/2018	Herds	22 / 6	Daug.	88	81,1	Rel.	83 %	TYPE	0,28
								rank	400.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,72									
Angularity	-0,75									
Chest Width	0,00									
Body Depth	0,17									
Rump Angle	0,44									
Rear Legs Side View	-0,36									
Foot Angle	0,04									
Fore Udder Attachment	0,78									
Front Teat Placement	0,72									
Teat Length	-0,40									
Rear Udder Height	0,87									
Rear Udder Width	1,11									
Central Ligament	0,50									
Udder Depth	0,10									
Rump Width	-0,03									
Rear Legs Rear View	1,92									
Rear Teat Placement	0,62									
Locomotion	-0,65									
Body Condition	0,32									

daught. average

84,2	Frame	-0,60
80,0	Dairy Strength	-0,97
82,7	Feet & Legs	0,39
79,3	Udder	1,07
	SHI	88,7
	rank	137.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
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Bull name	Registration number	Birth date	State Register
LACOSTE	DE000345655129	17.09.2000	LU-029
Country of origin	DE	Breed	R100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	20.11.2000
		DE	00/13393

Pedigree

Sire	PGS	NORRIELAKE CLEITUS LUKE-TWIN
LENTINI-ET		US000002071864
DE001012337003	PGD	LOOSLEA BLK STAR MONIQUE-ET
		US000014122737
Dam	MGS	MALOY
MALORA 91		DE001021231602
DE000342325691	MGD	MYLADY
		DE000340406602

Milk production data	SK 10/2018	Herds	26	Daug.	310	Rel.	97 %	SPI	-1886
Number controls		BV		Milk		Fat	%	Prot.	%
5631				-550		-16	0,10	-11	0,15
								SCS	2,62
								rank	144.

Type data	SHA 10/2018	Herds	23 / 11	Daug.	104	78,4	Rel.	86 %	TYPE	0,27
									rank	401.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	1,12									
Angularity	0,57									
Chest Width	-0,71									
Body Depth	-0,18									
Rump Angle	0,11									
Rear Legs Side View	1,68									
Foot Angle	1,46									
Fore Udder Attachment	0,50									
Front Teat Placement	0,41									
Teat Length	0,86									
Rear Udder Height	-0,11									
Rear Udder Width	-1,42									
Central Ligament	0,84									
Udder Depth	1,17									
Rump Width	-0,41									
Rear Legs Rear View	-1,28									
Rear Teat Placement	1,23									
Locomotion	-2,41									
Body Condition	-1,84									

daught. average

82,8	Frame	0,74
79,3	Dairy Strength	-0,05
77,7	Feet & Legs	-0,91
75,9	Udder	0,33
	SHI	-45,9
	rank	647.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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Bull name	Registration number	Birth date	State Register
SPACE	NL000775256486	10.03.1991	ARS-007
Country of origin	NL	Breed	H100
Distributor	Novaselekt s.r.o.	Herdbook	HA
		Paternity	09.06.1992
		NLD	019201657010

Pedigree

Sire	PGS	HANOVERHILL STARBUCK
MADAWASKA AEROSTAR		CA000000352790
CA000000383622	PGD	MADAWASKA SHADY
STB-011		CA0000003511527
Dam	MGS	WALKWAY CHIEF MARK
INGRID		US000001773417
DE000107140159	MGD	117 FORTUN
		DE000105867064

Milk production data	SK 10/2018	Herds	52	Daug.	265	Rel.	97 %	SPI	-731
Number controls		BV		Milk		Fat	%	Prot.	%
5673				-141		-4	0,02	-7	-0,06
								SCS	2,82
								rank	623.
								rank	328.

Type data	SHA 10/2018	Herds	5 / 4	Daug.	15	76,5	Rel.	68 %	TYPE	0,27
									rank	402.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,09									
Angularity	0,10									
Chest Width	0,11									
Body Depth	-0,60									
Rump Angle	-1,10									
Rear Legs Side View	-2,13									
Foot Angle	0,08									
Fore Udder Attachment	0,26									
Front Teat Placement	-0,58									
Teat Length	1,73									
Rear Udder Height	-0,31									
Rear Udder Width	0,03									
Central Ligament	1,04									
Udder Depth	-0,11									
Rump Width	0,08									
Rear Legs Rear View	0,71									
Rear Teat Placement	0,53									
Locomotion	-0,55									
Body Condition	-0,08									

daught. average

79,9	Frame	0,05
71,5	Dairy Strength	-0,03
77,8	Feet & Legs	-0,01
76,5	Udder	0,63
	SHI	-11,2
	rank	513.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
FALINDO-ET	DE000346499400	09.06.2003	FBE-011
Country of origin	DE	Breed	R100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	29.09.2003
		DE	03/42041

Pedigree

Sire	PGS	RENOWN FACTOR-ET
FABER RED-ET		US000002129913
DE000340174036	PGD	LORELEY 12
		DE001021135253
Dam	MGS	BOLIANT
BELINDA 10		DE001021138096
DE001021214397	MGD	BELLA
		DE001020968533

Milk production data	SK 10/2018	Herds	54	Daug.	890	Rel.	99 %	SPI	-1404
Number controls		BV		Milk		Fat		rank	785.
17272				-485		1	0,39	SCS	3,38
								rank	1035.

Type data	SHA 10/2018	Herds	18 / 4	Daug.	129	80,6	Rel.	89 %	TYPE	0,27
								rank	403.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,30									
Angularity	2,50									
Chest Width	-0,87									
Body Depth	-1,02									
Rump Angle	-0,70									
Rear Legs Side View	-1,72									
Foot Angle	0,13									
Fore Udder Attachment	1,86									
Front Teat Placement	0,27									
Teat Length	-2,08									
Rear Udder Height	-0,30									
Rear Udder Width	-2,12									
Central Ligament	0,01									
Udder Depth	1,59									
Rump Width	-0,71									
Rear Legs Rear View	0,17									
Rear Teat Placement	0,17									
Locomotion	0,15									
Body Condition	-0,40									

daught. average

84,5	Frame	-0,06
82,3	Dairy Strength	1,32
83,1	Feet & Legs	0,51
76,6	Udder	-0,42
	SHI	-31,7
	rank	595.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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Bull name	Registration number	Birth date	State Register
WINDEMERE RIGI-ET	US000002115178	12.12.1989	BS-010
Country of origin	US	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	22.05.1990
		USA	IG139138B

Pedigree

Sire	PGS	CAL-CLARK BOARD CHAIRMAN
TO-MAR BLACKSTAR-ET		US000001723741
US000001929410	PGD	TO-MAR WAYNE HAY
CHR-002		US000009804790
Dam	MGS	ARLINDA ROTATE
WHITELEATHER ROTATE TRADITION		US000001697572
US000012773763	MGD	WHITELEATHER TRADITION SWD VAL
		US000012050171

Milk production data	SK 10/2018	Herds	106	Daug.	991	Rel.	99 %	SPI	-2304
Number controls		BV		Milk		Fat		rank	991.
18347				-640		-11	0,27	SCS	2,94
						-17	0,06	rank	485.

Type data	SHA 10/2018	Herds	27 / 19	Daug.	100	77,6	Rel.	90 %	TYPE	0,26
								rank	404.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,51									
Angularity	0,69									
Chest Width	0,19									
Body Depth	0,96									
Rump Angle	0,15									
Rear Legs Side View	0,48									
Foot Angle	-0,81									
Fore Udder Attachment	-1,52									
Front Teat Placement	-0,03									
Teat Length	1,92									
Rear Udder Height	-0,06									
Rear Udder Width	-0,17									
Central Ligament	0,73									
Udder Depth	-0,57									
Rump Width	0,32									
Rear Legs Rear View	-1,11									
Rear Teat Placement	-0,02									
Locomotion	0,43									
Body Condition	-1,54									

daught. average

80,7 **Frame** **0,57**

75,5 **Dairy Strength** **1,52**

77,2 **Feet & Legs** **-1,42**

77,5 **Udder** **0,26**

SHI **-59,0**

rank 691.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
MEDZICILIZIE MICA HILLRO ET	SK00000013853	20.04.1997	MIC-004
Country of origin SK		Breed	H100
Distributor		Herdbook	HA
		Paternity	...

Pedigree

Sire	PGS	ARLINDA MELWOOD-ET US000001879149
CMV MICA-ET US000002125714	PGD	BRIARPATCH-R MISTY-ET US000012882374
Dam	MGS	MADAWASKA AEROSTAR CA000000383622
OMTHILL AEROSTAR,SIAM-ET US000014354851	MGD	OMTHILL SAFARI SADIE,ET US000013717553

STB-011

Milk production data	SK 10/2018	Herds	38	Daug.	83	Rel.	91 %	SPI	-855
Number controls		BV		Milk		Fat		rank	651.
1298				-105		-12	-0,17	SCS	3,02
						-6	-0,06	rank	594.

Type data	SHA 10/2018	Herds	9 / 7	Daug.	12	76,6	Rel.	52 %	TYPE	0,26
								rank	405.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,27									
Angularity	0,57									
Chest Width	0,41									
Body Depth	0,55									
Rump Angle	-1,25									
Rear Legs Side View	-0,44									
Foot Angle	0,64									
Fore Udder Attachment	-0,42									
Front Teat Placement	-0,61									
Teat Length	0,44									
Rear Udder Height	-0,85									
Rear Udder Width	-0,31									
Central Ligament	-0,01									
Udder Depth	-1,01									
Rump Width	-1,27									
Rear Legs Rear View	-0,21									
Rear Teat Placement	-0,87									
Locomotion	0,42									
Body Condition	-0,11									

daught. average

79,1	Frame	0,15
76,2	Dairy Strength	1,00
77,5	Feet & Legs	1,18
75,0	Udder	-0,80
	SHI	-15,3
	rank	532.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
RIETBEN CHARGE-ET	CA000007229251	04.01.1999	MTY-002

Country of origin	CA	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	13.01.2000
		CAN	BT447146

Pedigree

Sire	PGS	TESK-HOLM VALIANT ROCKIE
RICECREST MARTY-ET	US000001841366	VAL-016
US000002231562	PGD	WA-DEL RC BLCKSTR MARTHA-ET
TES-007	US000013907649	
Dam	MGS	STARTMORE RUDOLPH-ET
BRAEDALE CHEETAH-ET	CA000005470579	ARS-015
CA000006827470	MGD	BRAEDALE GYPSY GRAND
	CA000005912235	

Milk production data	SK 10/2018	Herds	59	Daug.	1327	Rel.	99 %	SPI	-822
Number controls		BV		Milk		Fat		rank	645.
26949				-270		-2	0,15	SCS	2,72
						-6	0,05	rank	216.

Type data	SHA 10/2018	Herds	42 / 15	Daug.	256	79,5	Rel.	94 %	TYPE	0,26
								rank	406.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,57									
Angularity	0,56									
Chest Width	-1,09									
Body Depth	-1,34									
Rump Angle	0,48									
Rear Legs Side View	-0,56									
Foot Angle	-0,91									
Fore Udder Attachment	1,99									
Front Teat Placement	0,81									
Teat Length	-0,64									
Rear Udder Height	1,84									
Rear Udder Width	0,32									
Central Ligament	-0,74									
Udder Depth	1,92									
Rump Width	-1,11									
Rear Legs Rear View	0,63									
Rear Teat Placement	-0,57									
Locomotion	-0,95									
Body Condition	-0,36									

daught. average	82,6	Frame	-0,04
	79,5	Dairy Strength	-0,43
	79,5	Feet & Legs	-0,87
	78,0	Udder	1,12
		SHI	-14,4
		rank	526.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
KIVALO BLACKSTAR-ET	HU000000012523	09.04.1991	BS-042
Country of origin	HU	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	

Pedigree

Sire	PGS	CAL-CLARK BOARD CHAIRMAN
TO-MAR BLACKSTAR-ET	US000001723741	ADM-008
US000001929410	PGD	TO-MAR WAYNE HAY
CHR-002	US000009804790	
Dam	MGS	GLENAFTON ENHANCER
MERENGO	CA000000343514	
HU000601002909	MGD	MERENGO
	HU000650009118	

Milk production data	SK 10/2018	Herds	42	Daug.	821	Rel.	99 %	SPI	-91
Number controls		BV		Milk		Fat	%	Prot.	%
18088				160	1	-0,11	-5	-0,22	rank
								SCS	3,16
								rank	478.
								rank	768.

Type data	SHA 10/2018	Herds	13 / 8	Daug.	162	76,7	Rel.	92 %	TYPE	0,26
									rank	407.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,23									
Angularity	-0,81									
Chest Width	2,03									
Body Depth	0,85									
Rump Angle	0,76									
Rear Legs Side View	-0,77									
Foot Angle	-1,12									
Fore Udder Attachment	0,80									
Front Teat Placement	0,16									
Teat Length	-0,95									
Rear Udder Height	0,19									
Rear Udder Width	0,31									
Central Ligament	-0,58									
Udder Depth	-0,33									
Rump Width	1,28									
Rear Legs Rear View	-1,38									
Rear Teat Placement	0,44									
Locomotion	-1,08									
Body Condition	1,75									

daught. average

80,8 **Frame** 0,49

74,6 **Dairy Strength** 0,09

76,2 **Feet & Legs** -1,12

76,1 **Udder** 0,61

SHI 7,5

rank 439.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
WHAT-IF OLDTOWN BROCK-ET	US000017385340	12.02.1997	PAT-002
Country of origin	US	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	20.03.1998
		CAN	BT414015

Pedigree

Sire	PGS	TO-MAR BLACKSTAR-ET	
BRABANT STAR PATRON-ET		US000001929410	CHR-002
US000002160458	PGD	BRABANT NED BOY PAULA	
BS-034		US000012986269	
Dam	MGS	SINGING-BROOK N-BOY MASCOT-ET	
DIXIE-LEE BRITTON-ET		US000002020049	NBY-011
US000014929523	MGD	PRICES MELWOOD BETSY-ET	
		US000013792861	

Milk production data	SK 10/2018	Herds	27	Daug.	338	Rel.	97 %	SPI	429
Number controls		BV		Milk		Fat	%	rank	371.
5454				161		-1	-0,14	4	-0,03
								SCS	2,90
								rank	429.

Type data	SHA 10/2018	Herds	11 / 4	Daug.	66	78,5	Rel.	80 %	TYPE	0,25
								rank	408.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,62									
Angularity	-0,72									
Chest Width	-0,01									
Body Depth	0,41									
Rump Angle	-0,69									
Rear Legs Side View	1,86									
Foot Angle	-0,51									
Fore Udder Attachment	0,88									
Front Teat Placement	1,86									
Teat Length	0,07									
Rear Udder Height	0,88									
Rear Udder Width	2,06									
Central Ligament	-0,23									
Udder Depth	-0,72									
Rump Width	2,19									
Rear Legs Rear View	-1,15									
Rear Teat Placement	1,37									
Locomotion	0,07									
Body Condition	0,14									

daught. average

80,3	Frame	-0,30
78,3	Dairy Strength	-0,58
77,5	Feet & Legs	-0,97
78,3	Udder	1,32
	SHI	23,1
	rank	354.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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Bull name	Registration number	Birth date	State Register
VAJHATI ZSENGE MTOTO	HU003220133394	23.03.2001	PEL-039
Country of origin	HU	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	26.04.2001
		HU	24732/01

Pedigree

Sire	PGS	RONNYBROOK PRELUDE-ET
CAROL PRELUDE MTOTO-ET		CA000000392457
IT006001001962	PGD	BLACKSTAR BETSY-ET
		US000014459466
Dam	MGS	KED JUROR-ET
MARGO		US000002124357
HU003000286524	MGD	MARGO
		HU003000246890

Milk production data	SK 10/2018	Herds	18	Daug.	290	Rel.	98 %	SPI	-787
Number controls		BV		Milk		Prot.		rank	640.
5960				-289	5	0,29	-8	SCS	2,39
								rank	40.

Type data	SHA 10/2018	Herds	7 / 2	Daug.	49	79,7	Rel.	78 %	TYPE	0,24
								rank	409.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,31									
Angularity	1,06									
Chest Width	-0,82									
Body Depth	-2,01									
Rump Angle	-0,47									
Rear Legs Side View	-1,07									
Foot Angle	0,35									
Fore Udder Attachment	0,67									
Front Teat Placement	0,86									
Teat Length	0,47									
Rear Udder Height	0,25									
Rear Udder Width	-0,78									
Central Ligament	1,30									
Udder Depth	1,89									
Rump Width	-0,44									
Rear Legs Rear View	0,75									
Rear Teat Placement	1,51									
Locomotion	1,21									
Body Condition	0,54									

daught. average

81,8	Frame	-0,85
80,0	Dairy Strength	-0,21
82,3	Feet & Legs	0,70
77,0	Udder	0,45
	SHI	-14,0
	rank	523.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
SCOTT	FR004240419108	01.01.2001	BES-009
Country of origin	FR	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	12.07.2002
		NL	86819

Pedigree

Sire	PGS	BESNE-BUCK
JOCKO BESN		FR004486041658
FR005694028588	PGD	GAIA
		FR005691017484
Dam	MGS	FATAL
ALTAJRIORIE (ALTA OR805)		FR002290038601
NL000181186289	MGD	ORANGE
		US000015809947

Milk production data	SK 10/2018	Herds	103	Daug.	1821	Rel.	99 %	SPI	377
Number controls		BV		Milk		Fat		rank	385.
36537				125		4	-0,03	2	-0,05
								SCS	3,02
								rank	591.

Type data	SHA 10/2018	Herds	48 / 18	Daug.	354	78,9	Rel.	96 %	TYPE	0,24
								rank	410.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,44									
Angularity	-0,11									
Chest Width	0,08									
Body Depth	0,31									
Rump Angle	-2,06									
Rear Legs Side View	-0,47									
Foot Angle	0,76									
Fore Udder Attachment	0,16									
Front Teat Placement	-0,22									
Teat Length	-1,07									
Rear Udder Height	-0,02									
Rear Udder Width	0,65									
Central Ligament	0,26									
Udder Depth	-0,53									
Rump Width	0,91									
Rear Legs Rear View	-0,29									
Rear Teat Placement	-0,52									
Locomotion	1,06									
Body Condition	-0,14									

daught. average

82,5	Frame	-0,42
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80,0	Dairy Strength	0,21
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79,1	Feet & Legs	0,71
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76,6	Udder	0,39
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	SHI	21,0
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rank 367.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
PERNAY	FR002228044183	16.01.1999	MED-002
Country of origin	FR	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	21.06.2000
		FRA	742404

Pedigree

Sire	PGS	OSDEL-ENDEAVOR BOVA CUBBY
HA-HO CUBBY MANFRED-ET	US000001986164	BA-002
US000002183007	PGD	HA-HO TESK MELANIE
	US000013066986	
Dam	MGS	EMPRISE BELL ELTON
JEZABELL	US000001912270	
FR002294054938	MGD	HORTENSIA
	FR003592049420	

Milk production data	SK 10/2018	Herds	43	Daug.	95	Rel.	93 %	SPI	426
Number controls	BV	Milk	Fat	%	Prot.	%	rank		372.
1897		288	-8	-0,35	4	-0,11	SCS	3,68	rank
									1221.

Type data	SHA 10/2018	Herds	15 / 13	Daug.	30	77,6	Rel.	69 %	TYPE	0,24
									rank	411.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,20									
Angularity	-1,32									
Chest Width	0,95									
Body Depth	0,61									
Rump Angle	0,52									
Rear Legs Side View	-2,15									
Foot Angle	-0,16									
Fore Udder Attachment	-0,21									
Front Teat Placement	1,01									
Teat Length	0,91									
Rear Udder Height	-0,10									
Rear Udder Width	-0,08									
Central Ligament	0,88									
Udder Depth	0,43									
Rump Width	-0,73									
Rear Legs Rear View	0,44									
Rear Teat Placement	0,72									
Locomotion	0,61									
Body Condition	0,80									

daught. average

78,8	Frame	0,25
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75,9	Dairy Strength	-0,59
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79,3	Feet & Legs	0,39
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77,1	Udder	0,21
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SHI	22,4
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rank 357.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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Bull name	Registration number	Birth date	State Register
PAT S GOLDMINE	NL000385965426	27.02.2004	MEG-008
Country of origin	NL	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	19.08.2004
		NL	117002

Pedigree

Sire **PGS** MEADOW BRIDGE MEGABUCK
BRAEDALE GOODLUCK
CA000006790237
PGD BRAEDALE GYPSY GRAND
CA000005912235

Dam **MGS** BRABANT STAR PATRON-ET
GALAXY HEIDI
NL000217617978
US000002160458 **BS-034**
MGD SUNSHINE-D-P OSCAR PATSY-ET
US000015477842

Milk production data	SK 10/2018	Herds	25	Daug.	57	Rel.	89 %	SPI	151
Number controls		BV		Milk	Fat	%	Prot.	%	rank
1136				-117	8	0,23	1	0,10	SCS
									rank
									433.
									25.

Type data	SHA 10/2018	Herds	14 / 12	Daug.	25	79,2	Rel.	63 %	TYPE	0,23
									rank	412.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,87									
Angularity	-0,58									
Chest Width	0,84									
Body Depth	-0,32									
Rump Angle	-0,75									
Rear Legs Side View	0,11									
Foot Angle	-1,57									
Fore Udder Attachment	0,65									
Front Teat Placement	-0,39									
Teat Length	-1,07									
Rear Udder Height	0,18									
Rear Udder Width	1,21									
Central Ligament	-0,29									
Udder Depth	-0,21									
Rump Width	1,34									
Rear Legs Rear View	0,70									
Rear Teat Placement	-1,03									
Locomotion	0,63									
Body Condition	1,64									

daught. average

80,8 **Frame** -0,44

78,9 **Dairy Strength** -0,08

79,3 **Feet & Legs** -0,60

78,4 **Udder** 1,08

SHI 13,9

rank 404.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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Bull name	Registration number	Birth date	State Register
SUMMERSHADE INQUIRER	CA000006483076	20.12.1995	JUX-002
Country of origin	CA	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	13.07.2000
		CAN	M6483076

Pedigree

Sire	PGS	TO-MAR BLACKSTAR-ET	
KED JUROR-ET		US000001929410	CHR-002
US000002124357	PGD	KED MARK JUSTINE	
BS-017		US0000012750091	
Dam	MGS	SINGING-BROOK N-BOY MASCOT-ET	
SUMMERSHADE ILENE SCOT-ET		US000002020049	NBY-011
CA000005619306	MGD	SUMMERSHADE IRENA STAR-ET	
		CA000005156551	

Milk production data	SK 10/2018	Herds	51	Daug.	659	Rel.	99 %	SPI	-529
Number controls		BV		Milk		Fat	%	Prot.	%
13062				-41		-5	-0,07	-5	-0,09
								SCS	3,17
								rank	577.
								rank	774.

Type data	SHA 10/2018	Herds	36 / 17	Daug.	231	78,4	Rel.	94 %	TYPE	0,23
								rank	413.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	1,00									
Angularity	1,40									
Chest Width	-3,17									
Body Depth	-2,05									
Rump Angle	1,12									
Rear Legs Side View	1,25									
Foot Angle	0,01									
Fore Udder Attachment	0,96									
Front Teat Placement	1,82									
Teat Length	1,19									
Rear Udder Height	0,49									
Rear Udder Width	-0,64									
Central Ligament	0,51									
Udder Depth	1,28									
Rump Width	-0,66									
Rear Legs Rear View	-1,35									
Rear Teat Placement	0,71									
Locomotion	-0,14									
Body Condition	-3,29									

daught. average

80,7 **Frame** **-0,17**

78,6 **Dairy Strength** **-0,26**

78,2 **Feet & Legs** **-0,68**

77,2 **Udder** **0,85**

SHI **-6,7**

rank 491.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
VAR ETLAR	DK000000242413	20.11.1998	LUS-001
Country of origin	DK	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	23.02.1999
		DNK	203693

Pedigree

Sire	PGS	ROTHROCK TRADITION LEADMAN
LUKAS	US000001983348	TDN-004
DE001012104370	PGD	EUGENIE 2
	DE001002482030	
Dam	MGS	MADAWASKA AEROSTAR
SOLBJERG AERO ALMA	CA000000383622	STB-011
DK003931601119	MGD	DK003931600922

Milk production data	SK 10/2018	Herds	76	Daug.	1654	Rel.	99 %	SPI	176
Number controls		BV		Milk		Fat	%	Prot.	%
31561				59	3	0,01	0	-0,04	SCS
									rank
									429.
									rank
									1028.

Type data	SHA 10/2018	Herds	23 / 8	Daug.	185	79,2	Rel.	92 %	TYPE	0,23
									rank	414.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,58									
Angularity	1,78									
Chest Width	-0,88									
Body Depth	-1,13									
Rump Angle	0,73									
Rear Legs Side View	-0,96									
Foot Angle	-0,36									
Fore Udder Attachment	0,19									
Front Teat Placement	1,46									
Teat Length	-0,92									
Rear Udder Height	0,95									
Rear Udder Width	-0,19									
Central Ligament	0,06									
Udder Depth	0,43									
Rump Width	-0,74									
Rear Legs Rear View	0,45									
Rear Teat Placement	-0,53									
Locomotion	-1,29									
Body Condition	-1,04									

daught. average

82,9	Frame	0,19
80,7	Dairy Strength	0,77
79,0	Feet & Legs	-0,86
76,8	Udder	0,39
	SHI	14,5
	rank	402.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
MELINDO	NL000295615107	01.11.2002	MGN-002
Country of origin	NL	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	10.01.2003
		NLD	91106

Pedigree

Sire	PGS	ELLBANK AIRLINER-ET
SIKKEMA-STAR AIR MAGNA-ET		US000002122404
US000017044645	PGD	BELLA-J THOR MAGGIE-ET
		US000014973956
Dam	MGS	FRANKENHOF LUCKY LEO
BELINDA		NL000777133097
NL000241817470	MGD	BELINDA
		NL000164214671

Milk production data	SK 10/2018	Herds	30	Daug.	82	Rel.	92 %	SPI	-1829
Number controls		BV		Milk		Fat		rank	887.
1800				-388		-19	-0,10	SCS	2,71
						-12	-0,00	rank	211.

Type data	SHA 10/2018	Herds	9 / 7	Daug.	21	79,1	Rel.	60 %	TYPE	0,23
								rank	415.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	1,04									
Angularity	0,60									
Chest Width	-0,60									
Body Depth	-0,59									
Rump Angle	0,59									
Rear Legs Side View	0,75									
Foot Angle	0,68									
Fore Udder Attachment	0,16									
Front Teat Placement	-0,14									
Teat Length	-1,20									
Rear Udder Height	0,43									
Rear Udder Width	-0,31									
Central Ligament	0,66									
Udder Depth	0,25									
Rump Width	-1,33									
Rear Legs Rear View	-0,29									
Rear Teat Placement	0,20									
Locomotion	-0,41									
Body Condition	-1,47									

daught. average

81,2	Frame	0,66
79,6	Dairy Strength	0,08
78,6	Feet & Legs	-0,10
78,3	Udder	0,05
	SHI	-46,1
	rank	648.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
HALMAR AGENDA	US000002166874	02.03.1991	BEL-013
Country of origin	US	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	22.08.1991
		USA	IG159285A

Pedigree

Sire	PGS	CARLIN-M IVANHOE BELL
SOUTHWIND BELL OF BAR-LEE		US000001667366
US000001964484	PGD	SOUTHWIND VALIANT NAOMA-ET
BEL-001		US000011489023
Dam	MGS	ARLINDA ROTATE
HALMAR MOLLY ROTATE MARTHA		US000001697572
US000012206910	MGD	HALMAR JILL MARVEX MOLLY
		US000010706938

Milk production data	SK 10/2018	Herds	87	Daug.	1264	Rel.	99 %	SPI	103
Number controls		BV		Milk		Fat		rank	445.
23744				34		1	-0,02	SCS	3,18
								rank	801.

Type data	SHA 10/2018	Herds	25 / 11	Daug.	69	77,2	Rel.	83 %	TYPE	0,22
								rank	416.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	1,02									
Angularity	0,37									
Chest Width	-1,40									
Body Depth	-0,77									
Rump Angle	-1,74									
Rear Legs Side View	-0,51									
Foot Angle	0,31									
Fore Udder Attachment	0,57									
Front Teat Placement	-0,67									
Teat Length	-0,40									
Rear Udder Height	-0,98									
Rear Udder Width	-0,75									
Central Ligament	1,42									
Udder Depth	-0,05									
Rump Width	-1,52									
Rear Legs Rear View	0,91									
Rear Teat Placement	0,77									
Locomotion	-0,10									
Body Condition	-1,52									

daught. average

79,7 **Frame** **0,18**

75,4 **Dairy Strength** **-0,39**

77,0 **Feet & Legs** **0,15**

77,0 **Udder** **0,38**

SHI **12,1**

rank 412.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
CONANT-ACRES VALIANT JONAH	US000001994856	20.07.1985	VAL-013

Country of origin	US	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	16.06.1986
		USA	IG 83957B

Pedigree

Sire	PGS	PAWNEE FARM ARLINDA CHIEF
S-W-D VALIANT		US000001427381
US000001650414	PGD	ALLIED ADMIRAL ROSE VIVIAN
		US000006781299
Dam	MGS	SWEET-HAVEN TRADITION
CONANT-ACRES TRADITION JOAN		US000001682485
US000001164816	MGD	MAC-NOBLE MONITOR JUNE
		US000009408092

Milk production data	SK 10/2018	Herds	78	Daug.	655	Rel.	99 %	SPI	-2427
Number controls		BV		Milk		Fat		rank	1016.
12890				-603		-20	0,05	SCS	3,18
						-16	0,06	rank	800.

Type data	SHA 10/2018	Herds	11 / 8	Daug.	30	76,8	Rel.	82 %	TYPE	0,22
								rank	417.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	1,50									
Angularity	-1,44									
Chest Width	1,52									
Body Depth	0,04									
Rump Angle	0,62									
Rear Legs Side View	0,22									
Foot Angle	1,01									
Fore Udder Attachment	0,19									
Front Teat Placement	-0,22									
Teat Length	0,04									
Rear Udder Height	-0,51									
Rear Udder Width	-0,63									
Central Ligament	-0,64									
Udder Depth	1,40									
Rump Width	1,31									
Rear Legs Rear View	0,96									
Rear Teat Placement	-0,68									
Locomotion	-2,19									
Body Condition	-0,93									

daught. average

81,6	Frame	1,80
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73,3	Dairy Strength	-0,84
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78,2	Feet & Legs	0,86
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75,3	Udder	-0,91
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	SHI	-64,4
	rank	708.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
VALHALLA MARKED DESIGN-ET	US000002011399	13.04.1986	WLK-017
Country of origin	US	Breed	H100
Distributor		Herdbook	HA
		Paternity	11.08.1986
		USA	IG 85877E

Pedigree

Sire	PGS	PAWNEE FARM ARLINDA CHIEF
WALKWAY CHIEF MARK		US000001427381
US000001773417	PGD	WALKWAY MATT MAMIE
		US000008309147
Dam	MGS	STRAIGHT-PINE ELEVATION PETE
ANDYACRES EL PETE DAPHNE		US000001635843
US000010162309	MGD	ANDYACRES GAY IDEAL,DIMPLE
		US000008856135

Milk production data	SK 10/2018	Herds	74	Daug.	554	Rel.	99 %	SPI	-1898
Number controls		BV		Milk		Fat		rank	904.
12761				-532		-5	0,31	SCS	2,65
						-16	0,01	rank	163.

Type data	SHA 10/2018	Herds	14 / 12	Daug.	28	75,8	Rel.	82 %	TYPE	0,22
								rank	418.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,53									
Angularity	-1,30									
Chest Width	2,09									
Body Depth	1,21									
Rump Angle	0,01									
Rear Legs Side View	0,63									
Foot Angle	0,69									
Fore Udder Attachment	0,11									
Front Teat Placement	-0,53									
Teat Length	1,19									
Rear Udder Height	-0,64									
Rear Udder Width	-0,15									
Central Ligament	0,63									
Udder Depth	0,13									
Rump Width	-1,05									
Rear Legs Rear View	-0,75									
Rear Teat Placement	0,63									
Locomotion	1,02									
Body Condition	1,23									

daught. average

76,0	Frame	0,01
73,2	Dairy Strength	-0,07
75,9	Feet & Legs	0,14
76,9	Udder	0,31
	SHI	-48,4
	rank	656.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
KOENIG-ET	DE000577023256	15.02.1996	KOR-002
Country of origin	DE	Breed	R100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	27.03.1996
		DEU	964855

Pedigree

Sire	PGS	ORKAN
KOERIER 104		DE001004565147
NL000461733916	PGD	TRIX 149
		NL000457698339
Dam	MGS	SABBIONA PETISSO
ARIZONA		IT001305031272
DE000576213905	MGD	ADRIA 119
		DE000505161282

Milk production data	SK 10/2018	Herds	160	Daug.	2302	Rel.	99 %	SPI	-794
Number controls		BV		Milk		Fat		rank	641.
47209				-311		5	0,32	SCS	3,30
								rank	942.

Type data	SHA 10/2018	Herds	22 / 15	Daug.	174	76,6	Rel.	92 %	TYPE	0,22
								rank	419.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	1,15									
Angularity	0,42									
Chest Width	0,83									
Body Depth	2,03									
Rump Angle	0,43									
Rear Legs Side View	1,84									
Foot Angle	-1,59									
Fore Udder Attachment	-1,36									
Front Teat Placement	-0,73									
Teat Length	0,28									
Rear Udder Height	-0,87									
Rear Udder Width	-0,53									
Central Ligament	-1,02									
Udder Depth	-1,15									
Rump Width	1,81									
Rear Legs Rear View	-0,41									
Rear Teat Placement	-1,67									
Locomotion	0,19									
Body Condition	-0,99									

daught. average

80,4	Frame	1,64
77,8	Dairy Strength	1,61
76,8	Feet & Legs	-1,14
74,0	Udder	-1,27
	SHI	-15,2
	rank	530.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
KINGS-RANSOM T DOMINGO-ET	US000061488588	20.09.2003	RUH-016
Country of origin	US	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	06.07.2004
		US	IMMGN 19697A

Pedigree

Sire	PGS	STARTMORE RUDOLPH-ET
DE-MATT RUDOLPH TEAMSTER-ET		CA000005470579
US000017367125	PGD	ECHO-L MASCOT TAMI-ET
		US000015130870
Dam	MGS	CAROL PRELUDE MTOTO-ET
PEN-COL MTOTO DIMA-ET		IT006001001962
US000060082221	MGD	PEN-COL COMMOTION DEANNA
		US000015880851

Milk production data	SK 10/2018	Herds	20	Daug.	1148	Rel.	99 %	SPI	2031
Number controls		BV		Milk		Fat		rank	118.
21818				661		16	-0,16	SCS	2,08
								rank	4.

Type data	SHA 10/2018	Herds	25 / 6	Daug.	159	80,9	Rel.	91 %	TYPE	0,21
								rank	420.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,01									
Angularity	0,08									
Chest Width	-1,06									
Body Depth	-0,03									
Rump Angle	-1,52									
Rear Legs Side View	1,09									
Foot Angle	-1,29									
Fore Udder Attachment	1,75									
Front Teat Placement	0,93									
Teat Length	-1,41									
Rear Udder Height	1,28									
Rear Udder Width	0,17									
Central Ligament	-1,03									
Udder Depth	1,21									
Rump Width	-1,10									
Rear Legs Rear View	0,25									
Rear Teat Placement	0,11									
Locomotion	0,79									
Body Condition	-0,69									

daught. average

83,3	Frame	-0,24
80,5	Dairy Strength	-0,62
81,4	Feet & Legs	-0,87
79,7	Udder	1,30
	SHI	69,8
	rank	193.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
MEDZICILIZIE MICA ETAN ET	SK000062627843	10.03.1997	MIC-003
Country of origin	Breed		H100
SK	Herdbook		HA
Distributor	Paternity		19.03.1998
SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	SVK		0232/29

Pedigree

Sire	PGS	ARLINDA MELWOOD-ET
CMV MICA-ET		US000001879149
US000002125714	PGD	BRIARPATCH-R MISTY-ET
		US000012882374
Dam	MGS	TO-MAR BLACKSTAR-ET
GREEN-VALE BLACK,ETTA-ET		US000001929410
US000014269278	MGD	GREEN-VALE BO REETA,ET
		US000012875133

CHR-002

Milk production data	SK 10/2018	Herds	42	Daug.	87	Rel.	91 %	SPI	-443
Number controls		BV		Milk		Fat	%	rank	552.
1452				9		-1	-0,03	SCS	3,34
						-7	-0,16	rank	996.

Type data	SHA 10/2018	Herds	8 / 6	Daug.	11	76,8	Rel.	50 %	TYPE	0,21
								rank	421.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,76									
Angularity	-0,92									
Chest Width	0,66									
Body Depth	0,58									
Rump Angle	-0,06									
Rear Legs Side View	-0,66									
Foot Angle	2,23									
Fore Udder Attachment	-0,06									
Front Teat Placement	-0,09									
Teat Length	1,47									
Rear Udder Height	-0,41									
Rear Udder Width	-0,37									
Central Ligament	0,78									
Udder Depth	0,50									
Rump Width	0,09									
Rear Legs Rear View	-0,63									
Rear Teat Placement	-0,32									
Locomotion	0,19									
Body Condition	-0,61									

daught. average

80,5 **Frame** 0,98

72,5 **Dairy Strength** -0,15

77,3 **Feet & Legs** 0,72

76,5 **Udder** -0,51

SHI -4,9

rank 483.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
BRAEDALE ADVANTAGE-ET	CA000005853023	03.06.1993	ATE-005
Country of origin	CA	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	30.08.1993
		CAN	308909

Pedigree

Sire	PGS	HANOVERHILL STARBUCK
DUREGAL ASTRE STARBUCK ET		CA000000352790
CA000000392405	PGD	DUREGAL RIVALITY VALIANT-ET
STB-015		CA000003637287
Dam	MGS	WALKWAY CHIEF MARK
SUNNYLODGE CHIEF VICK-ET		US000001773417
CA000004466411	MGD	SUNNYLODGE ELEVATION JAN
		CA000003775829

Milk production data	SK 10/2018	Herds	19	Daug.	230	Rel.	97 %	SPI	-1604
Number controls		BV		Milk		Fat	%	rank	835.
4745				-46		-22	-0,40	SCS	2,73
						-14	-0,29	rank	223.

Type data	SHA 10/2018	Herds	11 / 5	Daug.	60	78,7	Rel.	80 %	TYPE	0,21
								rank	422.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,21									
Angularity	-0,29									
Chest Width	0,35									
Body Depth	-0,16									
Rump Angle	-0,91									
Rear Legs Side View	0,21									
Foot Angle	0,10									
Fore Udder Attachment	0,04									
Front Teat Placement	0,30									
Teat Length	0,40									
Rear Udder Height	-0,27									
Rear Udder Width	-0,10									
Central Ligament	0,55									
Udder Depth	0,62									
Rump Width	0,65									
Rear Legs Rear View	0,15									
Rear Teat Placement	1,71									
Locomotion	-1,51									
Body Condition	0,29									

daught. average

81,8	Frame	0,43
78,1	Dairy Strength	0,21
78,0	Feet & Legs	-0,89
77,6	Udder	0,33
	SHI	-40,0
	rank	636.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
CHEOPS	FR001736999000	30.01.2007	BW-033
Country of origin	FR	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	27.09.2007
		FR	F/S 409663

Pedigree

Sire	PGS	MARA-THON BW MARSHALL-ET TV
JENNY-LOU MRSHL TOYSTORY-ET		US000002290977
US000060372887	PGD	JENNY-LOU PATRON TOYANE
BW-053		US000017313307
Dam	MGS	NEGUNDO
UGANDA		FR002997001110
FR001723968089	MGD	7848 SIREN
		FR001723967848

Milk production data	SK 10/2018	Herds	41	Daug.	226	Rel.	97 %	SPI	737
Number controls	BV	Milk	Fat	%	Prot.	%	rank		317.
4186		53	18	0,28	3	0,02	SCS	2,91	rank
									436.

Type data	SHA 10/2018	Herds	37 / 18	Daug.	75	80,1	Rel.	83 %	TYPE	0,21
									rank	423.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	1,27									
Angularity	0,32									
Chest Width	-0,01									
Body Depth	-1,12									
Rump Angle	2,02									
Rear Legs Side View	0,34									
Foot Angle	-0,45									
Fore Udder Attachment	0,68									
Front Teat Placement	0,52									
Teat Length	-0,53									
Rear Udder Height	0,27									
Rear Udder Width	-0,48									
Central Ligament	-0,51									
Udder Depth	1,33									
Rump Width	0,11									
Rear Legs Rear View	0,79									
Rear Teat Placement	0,02									
Locomotion	-1,42									
Body Condition	-0,59									

daught. average

84,7	Frame	1,20
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80,4	Dairy Strength	-0,37
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80,5	Feet & Legs	-0,77
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77,3	Udder	-0,13
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SHI	30,6
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rank 325.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
WINNY-ET	NL000223717626	09.01.1999	WIT-003
Country of origin	NL	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	06.05.1999
		NLD	41708

Pedigree

Sire	PGS	MADAWASKA AEROSTAR
LADYS-MANOR WINCHESTER-ET	CA000000383622	STB-011
US000002205082	PGD	LADYS-MANOR TOP GUN JEMINI-ET
	US000013586096	
Dam	MGS	DELTA CLEITUS JABOT
JETL MABOT	NL000316419721	
FR008594024403	MGD	JELTE MASC
	FR005392024414	

Milk production data	SK 10/2018	Herds	24	Daug.	201	Rel.	96 %	SPI	154
Number controls		BV		Milk		Fat	%	Prot.	%
4162				49		-2	-0,09	2	0,01
								SCS	3,34
								rank	432.
								rank	995.

Type data	SHA 10/2018	Herds	11 / 4	Daug.	34	79,1	Rel.	71 %	TYPE	0,21
									rank	424.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,44									
Angularity	0,36									
Chest Width	-1,21									
Body Depth	-0,50									
Rump Angle	0,85									
Rear Legs Side View	0,40									
Foot Angle	0,17									
Fore Udder Attachment	-0,06									
Front Teat Placement	-0,52									
Teat Length	0,59									
Rear Udder Height	0,71									
Rear Udder Width	0,76									
Central Ligament	-0,21									
Udder Depth	-1,12									
Rump Width	0,22									
Rear Legs Rear View	-0,08									
Rear Teat Placement	-0,12									
Locomotion	1,26									
Body Condition	-0,63									

daught. average

81,3	Frame	-0,59
79,1	Dairy Strength	0,42
79,5	Feet & Legs	0,61
77,9	Udder	0,48
	SHI	13,0
	rank	407.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
MAYERLANE VISTA-ET	US000002159770	01.01.1991	LAD-006
Country of origin	US	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	28.02.1992
		CAN	268154

Pedigree

Sire	PGS	SWEET-HAVEN TRADITION
ROTHROCK TRADITION LEADMAN		US000001682485
US000001983348	PGD	WALKUP VALIANT LOU ELLA
TDN-004		US000010930744
Dam	MGS	WALKWAY CHIEF MARK
MAYERLANE VELMAS VELVET-ET		US000001773417
US000013666170	MGD	MIL-R-MOR VALIANT VELMA
		US000012154364

Milk production data	SK 10/2018	Herds	90	Daug.	1275	Rel.	99 %	SPI	1047
Number controls		BV		Milk		Fat	%	rank	263.
23950				278		12	0,02	SCS	3,06
								rank	639.

Type data	SHA 10/2018	Herds	24 / 13	Daug.	119	76,7	Rel.	89 %	TYPE	0,21
								rank	425.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,57									
Angularity	1,05									
Chest Width	0,13									
Body Depth	1,51									
Rump Angle	0,17									
Rear Legs Side View	-0,39									
Foot Angle	0,31									
Fore Udder Attachment	-2,06									
Front Teat Placement	-2,26									
Teat Length	1,06									
Rear Udder Height	0,40									
Rear Udder Width	0,15									
Central Ligament	1,45									
Udder Depth	-0,63									
Rump Width	2,04									
Rear Legs Rear View	0,26									
Rear Teat Placement	0,99									
Locomotion	-0,34									
Body Condition	-0,38									

daught. average

78,6	Frame	-0,02
76,2	Dairy Strength	1,95
77,4	Feet & Legs	0,54
75,6	Udder	-0,62
	SHI	39,9
	rank	300.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
PENANG-ET	DE001021314240	18.07.1993	PEL-014
Country of origin	DE	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	06.07.1999
		DEU	99/9253

Pedigree

Sire	PGS	HANOVERHILL STARBUCK
RONNYBROOK PRELUDE-ET		CA000000352790
CA000000392457	PGD	KELLYS-VIEW GLENDELL KELCO
STB-016		US000009739109
Dam	MGS	HANOVER-HILL INSPIRATION
MIRA		CA000000363162
DE001020686442	MGD	MIRNA
		DE001020162872

Milk production data	SK 10/2018	Herds	34	Daug.	339	Rel.	98 %	SPI	267
Number controls		BV		Milk		Fat		rank	409.
7471				-117		19	0,43	SCS	3,36
						-1	0,05	rank	1016.

Type data	SHA 10/2018	Herds	7 / 6	Daug.	53	77,9	Rel.	79 %	TYPE	0,20
								rank	426.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	1,47									
Angularity	-0,31									
Chest Width	1,27									
Body Depth	0,16									
Rump Angle	1,02									
Rear Legs Side View	-0,36									
Foot Angle	-0,82									
Fore Udder Attachment	-1,73									
Front Teat Placement	-1,20									
Teat Length	-0,22									
Rear Udder Height	-1,15									
Rear Udder Width	-0,45									
Central Ligament	0,06									
Udder Depth	-0,95									
Rump Width	0,12									
Rear Legs Rear View	-0,03									
Rear Teat Placement	-0,30									
Locomotion	0,95									
Body Condition	1,63									

daught. average

81,6	Frame	1,62
76,6	Dairy Strength	0,57
79,9	Feet & Legs	0,54
75,7	Udder	-1,31
	SHI	16,1
	rank	391.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
ONORA	FR005925358190	28.04.1998	RUH-003
Country of origin	FR	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	

Pedigree

Sire	PGS	MADAWASKA AEROSTAR
STARTMORE RUDOLPH-ET		CA000000383622
CA000005470579		STB-011
ARS-015	PGD	STARTMORE RACHELLE-ET
		CA000004324253
Dam	MGS	HIGHLIGHT MR MARK CINDER-ET
ERNLO CINDERELLA		US000002014517
US000015190188	MGD	BIRCHMONT DOE AEROSTAR-ET
		US000014548121

Milk production data	SK 10/2018	Herds	39	Daug.	113	Rel.	93 %	SPI	1387
Number controls		BV		Milk		Fat		rank	196.
2268				484		15	-0,08	SCS	2,89
						5	-0,21	rank	410.

Type data	SHA 10/2018	Herds	19 / 14	Daug.	33	77,7	Rel.	71 %	TYPE	0,20
								rank	427.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,64									
Angularity	0,57									
Chest Width	-0,11									
Body Depth	0,61									
Rump Angle	-0,17									
Rear Legs Side View	-0,77									
Foot Angle	-1,75									
Fore Udder Attachment	-0,68									
Front Teat Placement	-0,89									
Teat Length	-0,69									
Rear Udder Height	0,71									
Rear Udder Width	0,79									
Central Ligament	-1,18									
Udder Depth	-0,97									
Rump Width	1,04									
Rear Legs Rear View	0,94									
Rear Teat Placement	-0,20									
Locomotion	-0,82									
Body Condition	0,33									

daught. average

81,5 **Frame** **0,92**

77,1 **Dairy Strength** **0,93**

77,0 **Feet & Legs** **-1,43**

76,5 **Udder** **0,21**

SHI **49,7**

rank 264.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
ELWOOD-ET	NL000429467307	10.08.2007	SOG-011
Country of origin	NL	Breed	R100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	05.05.2008
		NL	173010

Pedigree

Sire	PGS	STADEL RED
ALPAR STADEL ELAYO RED-ET		DE001015240086
IT004902063469	PGD	ALPAR FACTOR VIENNA RED
		IT000401039395
Dam	MGS	PURSUIT SEPTEMBER STORM-ET
HUIJBEN RED SEPTEMBER		CA000006820564
NL000426265948	MGD	HUIJBEN PIETJE 514
		NL000256660889
		SOM-024

Milk production data	SK 10/2018	Herds	55	Daug.	1347	Rel.	99 %	SPI	2204
Number controls		BV		Milk		Fat	%	rank	101.
15080				430		14	-0,05	19	0,11
								SCS	2,45
								rank	63.

Type data	SHA 10/2018	Herds	17 / 9	Daug.	148	80,6	Rel.	89 %	TYPE	0,20
								rank	428.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,58									
Angularity	1,58									
Chest Width	-0,45									
Body Depth	-1,25									
Rump Angle	0,70									
Rear Legs Side View	-1,30									
Foot Angle	-0,17									
Fore Udder Attachment	0,49									
Front Teat Placement	-0,02									
Teat Length	-1,33									
Rear Udder Height	0,52									
Rear Udder Width	-0,07									
Central Ligament	-1,01									
Udder Depth	1,16									
Rump Width	-1,50									
Rear Legs Rear View	0,54									
Rear Teat Placement	0,38									
Locomotion	-0,88									
Body Condition	-1,04									

daught. average

83,1	Frame	-0,69
81,1	Dairy Strength	0,33
82,1	Feet & Legs	-0,21
78,4	Udder	0,90
	SHI	74,3
	rank	178.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
RELAX	DE00000397576	28.02.1995	RUT-001

Country of origin	DE	Breed	R100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	18.05.1995
		DEU	95/7633

Pedigree

Sire	PGS	HANOVERHILL RAIDER-ET
RUSTO-ET		CA000000390409
DE001021275360	PGD	LARA
		DE001021012732
Dam	MGS	TO-MAR BLACKSTAR-ET
LOGA		US000001929410
DE001021139776	MGD	LORE
		DE001015005762

Milk production data	SK 10/2018	Herds	115	Daug.	844	Rel.	99 %	SPI	-2113
Number controls		BV		Milk		Fat		%	rank 947.
18105				-575		-6		0,32	SCS 2,86
								-18	rank 367.
								-0,01	

Type data	SHA 10/2018	Herds	15 / 9	Daug.	64	76,2	Rel.	83 %	TYPE	0,20
									rank 429.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-1,23									
Angularity	1,29									
Chest Width	-1,47									
Body Depth	-0,74									
Rump Angle	-0,25									
Rear Legs Side View	0,67									
Foot Angle	-2,13									
Fore Udder Attachment	0,71									
Front Teat Placement	1,36									
Teat Length	-1,30									
Rear Udder Height	0,92									
Rear Udder Width	-1,41									
Central Ligament	1,03									
Udder Depth	1,25									
Rump Width	-1,48									
Rear Legs Rear View	2,00									
Rear Teat Placement	0,23									
Locomotion	0,35									
Body Condition	-1,10									

daught. average

76,6	Frame	-1,57
76,8	Dairy Strength	1,11
76,7	Feet & Legs	-0,51
75,6	Udder	1,41
	SHI	-55,8
	rank	682.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
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Bull name	Registration number	Birth date	State Register
TROMPETE	DE00000563403	28.06.1998	TOD-001
Country of origin	DE	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	12.08.1999
		DEU	99/1026

Pedigree

Sire **PGS** SOUTHWIND BELL OF BAR-LEE
HOLIM STANS TORNEDO-ET
NL000785532529
US000001964484 BEL-001

PGD HOLIM HEIDI ET
NL000706052396

Dam **MGS** TO-MAR HORTON-ET
TAIFUN 96
DE000108443020
US000002007299 VAO-003

MGD RIVER 11
DE000107994753

Milk production data	SK 10/2018	Herds	49	Daug.	100	Rel.	93 %	SPI	-245
Number controls		BV		Milk		Fat		rank	509.
1652				-36		1	0,03	SCS	3,34
						-3	-0,06	rank	994.

Type data	SHA 10/2018	Herds	16 / 14	Daug.	31	77,3	Rel.	67 %	TYPE	0,20
								rank	430.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,13									
Angularity	-0,84									
Chest Width	3,17									
Body Depth	3,07									
Rump Angle	-3,09									
Rear Legs Side View	0,49									
Foot Angle	-0,87									
Fore Udder Attachment	-0,23									
Front Teat Placement	-0,43									
Teat Length	-0,55									
Rear Udder Height	-1,21									
Rear Udder Width	0,04									
Central Ligament	-0,37									
Udder Depth	-1,60									
Rump Width	0,57									
Rear Legs Rear View	0,48									
Rear Teat Placement	-0,29									
Locomotion	0,61									
Body Condition	0,98									

daught. average

80,2 **Frame** **0,68**

77,3 **Dairy Strength** **0,92**

77,4 **Feet & Legs** **-0,08**

75,5 **Udder** **-0,76**

SHI **0,4**

rank 465.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
MARIUS-ET	DE000345461825	05.02.2001	PEL-027

Country of origin	DE	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	21.05.2001
		DE	01/6674

Pedigree

Sire	PGS	RONNYBROOK PRELUDE-ET
CAROL PRELUDE MTOTO-ET		CA000000392457
IT006001001962	PGD	BLACKSTAR BETSY-ET
		US000014459466
		STB-016
Dam	MGS	PEN SPRING MR C (UGELA BELL)
FIERE		US000001920807
FR007290070703	MGD	CINFORINE
		FR007287024672

Milk production data	SK 10/2018	Herds	44	Daug.	767	Rel.	99 %	SPI	264
Number controls		BV		Milk		Fat		rank	410.
17195				69		-1	-0,09	3	0,02
								SCS	2,40
								rank	46.

Type data	SHA 10/2018	Herds	15 / 8	Daug.	69	78,9	Rel.	86 %	TYPE	0,19
								rank	431.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-1,10									
Angularity	0,79									
Chest Width	0,25									
Body Depth	0,74									
Rump Angle	-0,62									
Rear Legs Side View	0,12									
Foot Angle	0,31									
Fore Udder Attachment	-1,29									
Front Teat Placement	-0,44									
Teat Length	0,58									
Rear Udder Height	-0,09									
Rear Udder Width	-0,43									
Central Ligament	2,17									
Udder Depth	-0,94									
Rump Width	0,83									
Rear Legs Rear View	0,03									
Rear Teat Placement	-0,22									
Locomotion	1,91									
Body Condition	0,19									

daught. average

81,8	Frame	-0,83
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80,3	Dairy Strength	1,22
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80,1	Feet & Legs	1,39
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76,3	Udder	-0,21
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	SHI	15,7
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rank 394.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
SWIFTER BAS	NL000835899389	25.01.1994	MAS-007
Country of origin	NL	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	30.09.1994
		NLD	019406168010

Pedigree

Sire	PGS	WHITTIER-FARMS NED BOY
SINGING-BROOK N-BOY MASCOT-ET		US000001806201
US000002020049	PGD	JACKBUILT CHAIRMAN MANDY
NBV-011		US000011356580
Dam	MGS	LEKKER VALIANT ROYALTY
CL-M ROYAL BARB		US000001821208
US000013339105	MGD	CLOVER-MATT-WEST, BRIDGET-ET
		US000011831011

Milk production data	SK 10/2018	Herds	56	Daug.	210	Rel.	96 %	SPI	-1718
Number controls		BV		Milk		Fat		rank	864.
3818				-444		-15	0,03	SCS	3,49
						-11	0,06	rank	1136.

Type data	SHA 10/2018	Herds	8 / 8	Daug.	10	77,4	Rel.	52 %	TYPE	0,19
								rank	432.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,13									
Angularity	-0,43									
Chest Width	0,15									
Body Depth	-0,19									
Rump Angle	-0,19									
Rear Legs Side View	0,84									
Foot Angle	1,52									
Fore Udder Attachment	-0,77									
Front Teat Placement	0,35									
Teat Length	0,05									
Rear Udder Height	-0,29									
Rear Udder Width	0,43									
Central Ligament	-0,01									
Udder Depth	-0,61									
Rump Width	0,91									
Rear Legs Rear View	0,31									
Rear Teat Placement	0,48									
Locomotion	0,32									
Body Condition	0,16									

daught. average

78,8	Frame	0,40
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74,5	Dairy Strength	-0,29
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79,1	Feet & Legs	0,11
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77,1	Udder	0,12
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	SHI	-44,1
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rank 643.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
MEDZICILIZIE JUROR MATIS	SK00000017853	03.05.1997	JUX-001
Country of origin SK		Breed	H100
Distributor		Herdbook	HA
		Paternity	

Pedigree

Sire	PGS	TO-MAR BLACKSTAR-ET	
KED JUROR-ET		US000001929410	CHR-002
US000002124357	PGD	KED MARK JUSTINE	
BS-017		US000012750091	
Dam	MGS	NORRIELAKE CLEITUS LUKE-TWIN	
		US000002071864	CLE-005
SK000046803823	MGD	GREEN-VALE SECRET LORNA-ET	
		US000013589093	

Milk production data	SK 10/2018	Herds	27	Daug.	451	Rel.	98 %	SPI	-777	
Number controls		BV		Milk		Fat	%	Prot.	%	
8243				-1	-11	-0,21	-7	-0,16	SCS	2,79
									rank	637.
									rank	295.

Type data	SHA 10/2018	Herds	16 / 11	Daug.	32	77,5	Rel.	71 %	TYPE	0,19
									rank	433.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,42									
Angularity	-1,55									
Chest Width	1,45									
Body Depth	1,18									
Rump Angle	1,59									
Rear Legs Side View	-0,27									
Foot Angle	1,17									
Fore Udder Attachment	1,10									
Front Teat Placement	1,02									
Teat Length	0,08									
Rear Udder Height	-0,69									
Rear Udder Width	-0,89									
Central Ligament	-0,82									
Udder Depth	0,71									
Rump Width	0,85									
Rear Legs Rear View	-0,37									
Rear Teat Placement	0,47									
Locomotion	-0,80									
Body Condition	0,85									

daught. average

80,6	Frame	0,92
74,1	Dairy Strength	-1,02
78,9	Feet & Legs	0,27
77,0	Udder	-0,25
	SHI	-15,9
	rank	534.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
CANEUF-B	FR007931261349	13.03.2007	BES-015

Country of origin	FR	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	27.02.2008
		FR	F/S 392388

Pedigree

Sire	PGS	JOCKO BESN
ROTHENEUF		FR005694028588
FR005360661767	PGD	MILENE
		FR005112757687
Dam	MGS	LAUDAN-ET
35 ASANC B		DE000578448776
FR007931261097	MGD	854SANSO B
		FR008600000854

Milk production data	SK 10/2018	Herds	44	Daug.	259	Rel.	97 %	SPI	253
Number controls		BV		Milk		Fat		rank	412.
5314				-28		1	0,02	SCS	3,16
								rank	767.

Type data	SHA 10/2018	Herds	41 / 17	Daug.	131	79,8	Rel.	89 %	TYPE	0,19
								rank	434.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,25									
Angularity	0,35									
Chest Width	-0,03									
Body Depth	-0,27									
Rump Angle	-0,78									
Rear Legs Side View	0,15									
Foot Angle	0,38									
Fore Udder Attachment	0,30									
Front Teat Placement	-0,10									
Teat Length	0,15									
Rear Udder Height	0,28									
Rear Udder Width	-0,91									
Central Ligament	-0,23									
Udder Depth	0,76									
Rump Width	-0,78									
Rear Legs Rear View	0,86									
Rear Teat Placement	-0,07									
Locomotion	-0,58									
Body Condition	-0,84									

daught. average

83,4	Frame	0,16
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81,3	Dairy Strength	0,50
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80,7	Feet & Legs	0,26
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76,7	Udder	-0,19
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	SHI	15,1
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rank 395.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
BRUMBY-ET	DE000579794200	20.05.2003	JAT-006
Country of origin	DE	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	29.12.2003
		DEU	03/46418

Pedigree

Sire	PGS	DELTA CLEITUS JABOT
MARPAR JABOT BETTY BRUCE-ET		NL000316419721
US000002291017	PGD	FUSTEAD PRELUDE BETTY-ET
		US000015152400
Dam	MGS	HOL-STIENS BE DENNIS
HHG BERRY		NL000792920438
DE000578454129	MGD	BERENICE
		DE000576498179

Milk production data	SK 10/2018	Herds	28	Daug.	65	Rel.	90 %	SPI	-327
Number controls		BV		Milk		Fat	%	rank	527.
1259				1		-4	-0,09	SCS	3,35
						-3	-0,08	rank	1006.

Type data	SHA 10/2018	Herds	12 / 8	Daug.	19	78,8	Rel.	55 %	TYPE	0,19
								rank	435.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,53									
Angularity	0,42									
Chest Width	0,68									
Body Depth	0,79									
Rump Angle	0,97									
Rear Legs Side View	-0,14									
Foot Angle	-1,07									
Fore Udder Attachment	-0,60									
Front Teat Placement	0,69									
Teat Length	1,01									
Rear Udder Height	-1,01									
Rear Udder Width	0,14									
Central Ligament	0,85									
Udder Depth	-1,06									
Rump Width	0,52									
Rear Legs Rear View	0,17									
Rear Teat Placement	-0,55									
Locomotion	-0,66									
Body Condition	0,54									

daught. average

82,6	Frame	0,99
79,7	Dairy Strength	1,14
77,5	Feet & Legs	-0,64
77,3	Udder	-0,14
	SHI	-2,4
	rank	475.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

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Bull name	Registration number	Birth date	State Register
CO-OP BOSSIDE MASSEY-ET	US000063026939	05.02.2007	PEL-052
Country of origin	US	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	11.10.2007
		US	M07031270

Pedigree

Sire	PGS	CAROL PRELUDE MTOTO-ET
MASCOL-ET		IT006001001962
DE000578891748	PGD	ELAINE
PEL-031		NL000211251345
Dam	MGS	PECKENSTEIN FORM BRET-ET
COYNE-FARMS YELENA CRI-ET		US000120745603
US000061376428	MGD	MILKWORTH MANFRAD YADDA
		US000127281274

Milk production data	SK 10/2018	Herds	19	Daug.	470	Rel.	98 %	SPI	2593
Number controls		BV		Milk		Fat		rank	71.
6567				496		17	-0,05	SCS	2,08
						23	0,14	rank	5.

Type data	SHA 10/2018	Herds	98 / 13	Daug.	363	81,9	Rel.	95 %	TYPE	0,18
								rank	436.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,35									
Angularity	-0,53									
Chest Width	1,06									
Body Depth	0,35									
Rump Angle	-1,97									
Rear Legs Side View	-0,19									
Foot Angle	-0,07									
Fore Udder Attachment	1,78									
Front Teat Placement	1,91									
Teat Length	-0,26									
Rear Udder Height	-0,03									
Rear Udder Width	-0,87									
Central Ligament	-0,41									
Udder Depth	1,95									
Rump Width	1,10									
Rear Legs Rear View	0,15									
Rear Teat Placement	1,05									
Locomotion	0,04									
Body Condition	1,29									

daught. average

85,1	Frame	0,40
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81,7	Dairy Strength	-0,01
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83,5	Feet & Legs	-0,05
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79,8	Udder	-0,05
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	SHI	85,4
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rank 145.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
MEDZICILIZIE HUNTER DAREK-ET	SK000062628843	16.03.1997	HUN-002
Country of origin	SK	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	19.03.1998
		SVK	0232/30

Pedigree

Sire	PGS	ART ACRES BELL PONTIAC-ET
AMELDIN II PONTIAC HUNTER-323		US000001878472
US000002094527	PGD	FAIR-HILL ROTATE HONEY-ET
PTC-010		US000012680667
Dam	MGS	MADAWASKA AEROSTAR
ROTHROCK AERO DARICE-ET		CA000000383622
US000014606123	MGD	HILLTOP-HANOVER-B MARK DARIA
		US000012908540

Milk production data	SK 10/2018	Herds	47	Daug.	87	Rel.	92 %	SPI	-303
Number controls		BV		Milk		Fat	%	Prot.	%
1651				-27		-1	-0,02	-4	-0,07
								SCS	3,30
								rank	522.
								rank	954.

Type data	SHA 10/2018	Herds	10 / 8	Daug.	11	76,8	Rel.	55 %	TYPE	0,18
									rank	437.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	1,14									
Angularity	0,01									
Chest Width	-0,06									
Body Depth	0,14									
Rump Angle	-1,21									
Rear Legs Side View	-1,22									
Foot Angle	0,67									
Fore Udder Attachment	0,38									
Front Teat Placement	-0,23									
Teat Length	1,20									
Rear Udder Height	-1,45									
Rear Udder Width	-1,20									
Central Ligament	0,61									
Udder Depth	0,25									
Rump Width	-2,25									
Rear Legs Rear View	2,65									
Rear Teat Placement	0,22									
Locomotion	0,67									
Body Condition	-0,03									

daught. average

80,5	Frame	0,81
74,9	Dairy Strength	-0,12
77,4	Feet & Legs	0,93
75,7	Udder	-0,50
	SHI	-2,0
	rank	473.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

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Bull name	Registration number	Birth date	State Register
ALTERVALE COMMERCE-ET	CA000008264964	30.05.2001	ELN-021

Country of origin	CA	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	04.09.2001
		CA	DC53398

Pedigree

Sire	PGS	EMPRISE BELL ELTON
RICECREST EMERSON-ET		US000001912270
US000002271271	PGD	WA-DEL RC BLCKSTR MARTHA-ET
		US000013907649
Dam	MGS	COMESTAR LEADER-ET
ALTERVALE LEADER HAPPY		CA000005319769
CA000006733736	MGD	ALTERVALE BROKER HAPPY
		CA000005985409

Milk production data	SK 10/2018	Herds	43	Daug.	766	Rel.	99 %	SPI	270
Number controls		BV		Milk		Fat	%	rank	408.
14981				-25	12	0,22	-0	0,01	SCS
								rank	673.

Type data	SHA 10/2018	Herds	26 / 9	Daug.	142	79,6	Rel.	90 %	TYPE	0,17
								rank	438.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,39									
Angularity	0,55									
Chest Width	-0,26									
Body Depth	0,31									
Rump Angle	0,38									
Rear Legs Side View	0,31									
Foot Angle	0,38									
Fore Udder Attachment	0,46									
Front Teat Placement	0,92									
Teat Length	-0,03									
Rear Udder Height	0,18									
Rear Udder Width	0,05									
Central Ligament	-0,02									
Udder Depth	0,52									
Rump Width	0,05									
Rear Legs Rear View	-1,96									
Rear Teat Placement	-0,52									
Locomotion	-2,76									
Body Condition	-0,89									

daught. average

83,4	Frame	0,45
80,9	Dairy Strength	0,67
78,9	Feet & Legs	-1,68
77,5	Udder	0,54
	SHI	15,1
	rank	396.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

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Bull name	Registration number	Birth date	State Register
MAXIMO RED-ET	DE000349946452	28.02.2005	BW-047
Country of origin	DE	Breed	R100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	07.03.2005
		DE	05/34007

Pedigree

Sire	PGS	MARA-THON BW MARSHALL-ET TV
B-HIDDENHILLS MAR MARMAX-ET		US000002290977
US000126853007	PGD	NEYER MOMENTUM MAXY-ET
BW-034		US000015361293
Dam	MGS	RICECREST MARSHALL-ET
FWS ESMERALDA		US000002297473
DE000347430679	MGD	ELLENA CLE-ET
		DE000577049496
		MNL-007

Milk production data	SK 10/2018	Herds	18	Daug.	116	Rel.	93 %	SPI	3046
Number controls		BV		Milk	Fat	%	Prot.	rank	42.
1683				685	24	-0,05	22	SCS	2,45
								rank	59.

Type data	SHA 10/2018	Herds	10 / 2	Daug.	36	81,2	Rel.	70 %	TYPE	0,17
								rank	439.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	1,44									
Angularity	0,14									
Chest Width	-1,30									
Body Depth	-0,97									
Rump Angle	-2,29									
Rear Legs Side View	0,23									
Foot Angle	0,05									
Fore Udder Attachment	0,26									
Front Teat Placement	-0,32									
Teat Length	0,15									
Rear Udder Height	1,04									
Rear Udder Width	0,96									
Central Ligament	-0,64									
Udder Depth	1,04									
Rump Width	-1,87									
Rear Legs Rear View	0,89									
Rear Teat Placement	1,05									
Locomotion	0,94									
Body Condition	-0,49									

daught. average

84,6	Frame	0,67
80,8	Dairy Strength	-1,17
83,3	Feet & Legs	0,51
78,6	Udder	0,32
	SHI	98,8
	rank	118.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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Bull name	Registration number	Birth date	State Register
VLARA LEADERSHIP ZVARTAL	SK000061255861	19.12.1995	LEP-002
Country of origin	SK	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	

Pedigree

Sire	PGS	HANOVER-HILL INSPIRATION
HALDREY LEADERSHIP		CA000000363162
CA000000397763	PGD	HALDREY SHEIK NANCY
		CA0000003514340
Dam	MGS	DELTA ROYAL HAMER
ZWARTJE 407		NL000315257043
SK000030106811	MGD	ZWARTJE 403
		NL000159208900

Milk production data	SK 10/2018	Herds	31	Daug.	58	Rel.	89 %	SPI	-2276
Number controls		BV		Milk		Fat		rank	981.
1209				-526		-1	0,20	SCS	3,30
						-20	-0,09	rank	953.

Type data	SHA 10/2018	Herds	7 / 5	Daug.	10	77,7	Rel.	46 %	TYPE	0,17
								rank	440.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,21									
Angularity	1,13									
Chest Width	-0,57									
Body Depth	-0,27									
Rump Angle	0,18									
Rear Legs Side View	-0,94									
Foot Angle	1,28									
Fore Udder Attachment	-0,08									
Front Teat Placement	-0,28									
Teat Length	-1,16									
Rear Udder Height	0,32									
Rear Udder Width	0,26									
Central Ligament	0,88									
Udder Depth	0,15									
Rump Width	0,14									
Rear Legs Rear View	-0,39									
Rear Teat Placement	-0,42									
Locomotion	-0,42									
Body Condition	0,16									

daught. average

78,7	Frame	-0,50
77,6	Dairy Strength	1,00
78,8	Feet & Legs	0,50
77,0	Udder	-0,21
	SHI	-61,7
	rank	701.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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Bull name	Registration number	Birth date	State Register
HUN PERO REJTO BELLWOOD-ET	HU003023005865	22.01.1997	BW-018
Country of origin	HU	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	02.07.1997
		HUN	14804

Pedigree

Sire	PGS	ARLINDA MELWOOD-ET
MAIZEFIELD BELLWOOD-ET		US000001879149
US000002103297	PGD	BREN-WAY BELL BETSY
MEW-004		US000012052401
Dam	MGS	HIGHLIGHT CONVERSE-ET
WINDREST CONVERSE MAXI-ET		US000002065871
US000015298875	MGD	EASTVIEW IMAGE MATTIE G-ET
		US000013991469

Milk production data	SK 10/2018	Herds	39	Daug.	1107	Rel.	99 %	SPI	1482
Number controls		BV		Milk		Fat		rank	178.
23971				323		13	0,00	SCS	3,05
								rank	623.

Type data	SHA 10/2018	Herds	11 / 4	Daug.	75	78,7	Rel.	83 %	TYPE	0,17
								rank	441.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,68									
Angularity	0,01									
Chest Width	0,18									
Body Depth	0,68									
Rump Angle	-0,59									
Rear Legs Side View	0,01									
Foot Angle	0,49									
Fore Udder Attachment	0,09									
Front Teat Placement	0,60									
Teat Length	0,48									
Rear Udder Height	-0,71									
Rear Udder Width	0,38									
Central Ligament	-0,59									
Udder Depth	-1,30									
Rump Width	2,14									
Rear Legs Rear View	-0,85									
Rear Teat Placement	0,69									
Locomotion	0,43									
Body Condition	0,81									

daught. average

81,0	Frame	-0,18
79,0	Dairy Strength	0,44
79,0	Feet & Legs	-0,01
77,1	Udder	0,10
	SHI	51,6
	rank	255.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
MANAT-ET	DE002261530135	27.08.1995	MNL-004
Country of origin	DE	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	03.05.1996
		DEU	13633539

Pedigree

Sire	PGS	EXELS S-W-D EAGLE
LUTZ-MEADOWS E MANDEL-ET		US000001858047
US000002119526	PGD	LUTZ-MEADOWS MARK MEDLEY-ET
		US0000012593031
Dam	MGS	LUTZ-BROOKVIEW BELL REX-ET
IMPERIAL SPLENDORS STYLE		US000001875896
US0000013633539	MGD	I.SPLENDOR
		US0000012974607

Milk production data	SK 10/2018	Herds	110	Daug.	1177	Rel.	99 %	SPI	597
Number controls		BV		Milk		Fat		rank	346.
22564				100		9	0,08	SCS	3,63
						3	0,00	rank	1199.

Type data	SHA 10/2018	Herds	114 / 42	Daug.	535	78,5	Rel.	97 %	TYPE	0,17
								rank	442.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,14									
Angularity	1,34									
Chest Width	-1,54									
Body Depth	-1,08									
Rump Angle	-1,13									
Rear Legs Side View	-0,11									
Foot Angle	0,65									
Fore Udder Attachment	0,84									
Front Teat Placement	-0,61									
Teat Length	-1,98									
Rear Udder Height	0,15									
Rear Udder Width	0,91									
Central Ligament	-0,21									
Udder Depth	-0,15									
Rump Width	0,50									
Rear Legs Rear View	0,12									
Rear Teat Placement	0,34									
Locomotion	1,08									
Body Condition	-1,69									

daught. average

80,7	Frame	-0,50
79,1	Dairy Strength	0,61
78,9	Feet & Legs	1,21
76,9	Udder	0,02
	SHI	24,8
	rank	346.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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Bull name	Registration number	Birth date	State Register
ANDERSTUP PLANET FAME	DK003372304505	10.09.2009	BS-055
Country of origin	DK	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	09.04.2010
		DK	149993

Pedigree

Sire	PGS	ROSE-BAUM TABOO-ET	
ENSENADA TABOO PLANET-ET		US000017121203	
US000060597003	PGD	PLUSHANSKI AMEL PATTY-ET	
BS-050		US000130161039	
Dam	MGS	O-BEE MANFRED JUSTICE-ET	
ANDERSTRUP OMAN GISA		US000122358313	MED-012
DK003372302587	MGD	GENUA-ET	
		DE001502032378	

Milk production data	SK 10/2018	Herds	93	Daug.	2243	Rel.	99 %	SPI	1681
Number controls		BV		Milk		Fat	%	rank	154.
41481				525		1	-0,33	SCS	3,09
						14	-0,05	rank	679.

Type data	SHA 10/2018	Herds	77 / 27	Daug.	389	80,9	Rel.	96 %	TYPE	0,15
								rank	443.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,31									
Angularity	0,55									
Chest Width	-0,64									
Body Depth	-1,11									
Rump Angle	-0,12									
Rear Legs Side View	-0,63									
Foot Angle	-0,20									
Fore Udder Attachment	1,38									
Front Teat Placement	1,90									
Teat Length	-2,41									
Rear Udder Height	0,44									
Rear Udder Width	-0,09									
Central Ligament	-0,51									
Udder Depth	0,98									
Rump Width	-0,57									
Rear Legs Rear View	0,30									
Rear Teat Placement	0,98									
Locomotion	1,66									
Body Condition	-0,79									

daught. average

83,3	Frame	-0,52
81,2	Dairy Strength	-0,63
82,3	Feet & Legs	0,43
78,9	Udder	0,87
	SHI	56,8
	rank	239.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
HUN PERO RONA DUSTER-ET	HU003023006471	06.04.1997	BS-045

Country of origin	HU	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	29.07.1997
		HUN	14806

Pedigree

Sire	PGS	TO-MAR BLACKSTAR-ET	
PEN-COL DUSTER-ET		US000001929410	CHR-002
US000002147486	PGD	BAYVILLE-HP SECRET DAWN	
		US000013454607	
Dam	MGS	NORRIELAKE CLEITUS LUKE-TWIN	
JUNGE LUKE SATIN-ET		US000002071864	CLE-005
US000015528407	MGD	JUNGE SOUTHWIND SPOT	
		US000014425529	

Milk production data	SK 10/2018	Herds	6	Daug.	44	Rel.	87 %	SPI	610
Number controls		BV		Milk		Fat	%	Prot.	%
1023				170		-3	-0,19	7	0,03
								SCS	2,58
								rank	...
								rank	...

Type data	SHA 10/2018	Herds	6 / 2	Daug.	33	78,7	Rel.	69 %	TYPE	0,15
									rank	444.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,11									
Angularity	-0,55									
Chest Width	0,83									
Body Depth	-1,94									
Rump Angle	-0,32									
Rear Legs Side View	-0,54									
Foot Angle	0,77									
Fore Udder Attachment	-0,24									
Front Teat Placement	1,65									
Teat Length	0,29									
Rear Udder Height	-0,34									
Rear Udder Width	-0,02									
Central Ligament	1,33									
Udder Depth	0,50									
Rump Width	-0,15									
Rear Legs Rear View	1,10									
Rear Teat Placement	1,51									
Locomotion	-0,00									
Body Condition	0,69									

daught. average	79,7	Frame	-0,12
	77,6	Dairy Strength	-0,97
	80,3	Feet & Legs	0,95
	77,9	Udder	0,24
		SHI	24,5
		rank	349.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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Bull name	Registration number	Birth date	State Register
LEVANT-ET	DE000662992184	04.04.2008	LBO-004
Country of origin	DE	Breed	R100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	13.08.2008
		DE	08/39542

Pedigree

Sire	PGS	DUDOC BACCULUM-ET
AGGRAVATION LAWN BOY P-RED		CA000009104500
US000133080890	PGD	AGGRAVATION BRIGITTE P-ET
		US000130237903
Dam	MGS	POOS STADEL CLASSIC
CAS MICHAELA		NL000248268086
DE000662733942	MGD	MICHELLE 38-ET
		DE000579888325

Milk production data	SK 10/2018	Herds	33	Daug.	473	Rel.	97 %	SPI	2006
Number controls		BV		Milk		Fat	%	rank	123.
2587				663	4	-0,36	15	SCS	3,15
								rank	746.

Type data	SHA 10/2018	Herds	8 / 6	Daug.	80	81,0	Rel.	82 %	TYPE	0,15
								rank	445.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,88									
Angularity	1,35									
Chest Width	-0,61									
Body Depth	-0,43									
Rump Angle	0,83									
Rear Legs Side View	0,45									
Foot Angle	-1,39									
Fore Udder Attachment	-0,82									
Front Teat Placement	-1,55									
Teat Length	0,34									
Rear Udder Height	0,91									
Rear Udder Width	0,28									
Central Ligament	0,47									
Udder Depth	0,18									
Rump Width	-0,34									
Rear Legs Rear View	0,37									
Rear Teat Placement	-0,21									
Locomotion	-1,41									
Body Condition	-1,20									

daught. average

85,6	Frame	0,76
81,5	Dairy Strength	0,62
81,7	Feet & Legs	-1,30
78,0	Udder	0,17
	SHI	66,6
	rank	207.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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Bull name	Registration number	Birth date	State Register
FRANCO GEN	FR007290016200	29.09.1990	BGN-001
Country of origin	FR	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	03.07.1996
		FRA	GS451888

Pedigree

Sire	PGS	CARLIN-M IVANHOE BELL US000001667366
WARDIN BELL GENE US000001887096	PGD	WARDIN KINGPIN GENIE-ET US000010082004
Dam	MGS	ARLINDA ROTATE US000001697572
BAGUE FR004486040185	MGD	CONANT-ACRES PENSTAR DAMSEL-ET US000010817244

Milk production data	SK 10/2018	Herds	21	Daug.	58	Rel.	89 %	SPI	-256
Number controls		BV		Milk		Fat		rank	512.
1202				-110		-2	0,04	SCS	3,89
						-1	0,05	rank	1260.

Type data	SHA 10/2018	Herds	6 / 5	Daug.	10	77,9	Rel.	47 %	TYPE	0,15
								rank	446.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,44									
Angularity	-0,32									
Chest Width	-0,41									
Body Depth	0,66									
Rump Angle	0,08									
Rear Legs Side View	0,35									
Foot Angle	0,97									
Fore Udder Attachment	-0,29									
Front Teat Placement	-1,09									
Teat Length	-0,01									
Rear Udder Height	0,64									
Rear Udder Width	0,87									
Central Ligament	-0,03									
Udder Depth	-0,23									
Rump Width	0,24									
Rear Legs Rear View	1,55									
Rear Teat Placement	-0,71									
Locomotion	0,02									
Body Condition	-0,37									

daught. average

80,2 **Frame** **0,47**

74,7 **Dairy Strength** **-0,25**

80,3 **Feet & Legs** **0,35**

77,2 **Udder** **0,01**

SHI **-1,8**

rank 472.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
GENIUS-ET	DE000767649726	16.06.1999	ALE-002

Country of origin	DE	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	12.10.1999
		DEU	99/12373

Pedigree

Sire	PGS	MADAWASKA AEROSTAR
OLIVEHOLME AEROLINE-ET		CA000000383622
CA000005429693	PGD	OLIVEHOLME MARK BECKY
ARS-022		CA000004630016
Dam	MGS	ESQUIMAU
GERANIU106		FR002989026154
DE000760341795	MGD	DIANE
		FR000088004884

Milk production data	SK 10/2018	Herds	41	Daug.	92	Rel.	93 %	SPI	-1335
Number controls		BV		Milk		Fat		rank	763.
2011				-273		-19	-0,18	SCS	2,79
						-7	0,03	rank	293.

Type data	SHA 10/2018	Herds	6 / 5	Daug.	10	77,1	Rel.	51 %	TYPE	0,14
								rank	447.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-1,09									
Angularity	-0,69									
Chest Width	1,48									
Body Depth	0,69									
Rump Angle	-1,14									
Rear Legs Side View	-1,27									
Foot Angle	0,38									
Fore Udder Attachment	-0,02									
Front Teat Placement	-0,85									
Teat Length	-0,06									
Rear Udder Height	-0,08									
Rear Udder Width	-0,57									
Central Ligament	0,47									
Udder Depth	0,11									
Rump Width	0,41									
Rear Legs Rear View	0,33									
Rear Teat Placement	-0,21									
Locomotion	0,58									
Body Condition	0,97									

daught. average	75,9	Frame	-0,62
	76,4	Dairy Strength	0,27
	79,3	Feet & Legs	0,57
	76,9	Udder	0,30
		SHI	-34,6
		rank	604.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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Bull name	Registration number	Birth date	State Register
FLANIS-ET	DE00000914284	07.01.1998	FLN-001
Country of origin	DE	Breed	R100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	06.02.1998
		DEU	98/2322

Pedigree

Sire	PGS	KINGLEA LEADER
MOSSYS ELM PARK FLANO RED		US000001926780
US000002153299	PGD	FANTASY
		US000010970947
Dam	MGS	FUNCTIONAL
MELANIE		US000018166499
DE000576469076	MGD	MELITTA
		DE000506016235

Milk production data	SK 10/2018	Herds	51	Daug.	135	Rel.	95 %	SPI	-2227
Number controls		BV		Milk		Prot.		rank	970.
2960				-608	-16	0,15	-15	SCS	2,72
								rank	218.

Type data	SHA 10/2018	Herds	5 / 4	Daug.	16	76,8	Rel.	54 %	TYPE	0,14
								rank	448.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-1,18									
Angularity	-1,05									
Chest Width	2,35									
Body Depth	1,37									
Rump Angle	-1,29									
Rear Legs Side View	-0,34									
Foot Angle	-0,05									
Fore Udder Attachment	0,62									
Front Teat Placement	0,73									
Teat Length	-0,40									
Rear Udder Height	-1,37									
Rear Udder Width	-0,07									
Central Ligament	-0,52									
Udder Depth	0,43									
Rump Width	-0,33									
Rear Legs Rear View	0,87									
Rear Teat Placement	-0,57									
Locomotion	0,13									
Body Condition	1,52									

daught. average

78,5	Frame	-0,41
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75,5	Dairy Strength	0,15
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78,9	Feet & Legs	0,47
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76,1	Udder	0,38
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	SHI	-61,6
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rank 700.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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Bull name	Registration number	Birth date	State Register
JERUDO-ET	DE000113878473	26.03.2003	JRM-005
Country of origin	DE	Breed	R100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	30.05.2003
		DE	03/37864

Pedigree

Sire	PGS	CLARA S ORKAN RED
JEROM		NL000283076619
NL000163374068	PGD	MADEMEKE
		NL000819471596
Dam	MGS	STARTMORE RUDOLPH-ET
ZUCHTTA 106		CA000005470579
DE000111900553	MGD	NORDWIND 22
		DE000107482151

Milk production data	SK 10/2018	Herds	24	Daug.	277	Rel.	97 %	SPI	306
Number controls		BV		Milk	Fat	%	Prot.	%	rank
5445				-197	10	0,33	5	0,24	SCS
									rank
									401.
									2,47
									rank
									74.

Type data	SHA 10/2018	Herds	14 / 5	Daug.	92	79,9	Rel.	85 %	TYPE	0,13
									rank	449.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,55									
Angularity	0,94									
Chest Width	-0,25									
Body Depth	0,34									
Rump Angle	0,99									
Rear Legs Side View	0,10									
Foot Angle	-0,19									
Fore Udder Attachment	-0,08									
Front Teat Placement	-0,83									
Teat Length	-1,92									
Rear Udder Height	-0,35									
Rear Udder Width	-0,30									
Central Ligament	-0,21									
Udder Depth	-0,56									
Rump Width	-0,37									
Rear Legs Rear View	1,49									
Rear Teat Placement	-0,42									
Locomotion	-0,66									
Body Condition	0,64									

daught. average

84,6	Frame	0,68
81,6	Dairy Strength	0,91
81,6	Feet & Legs	0,07
75,8	Udder	-0,72
	SHI	14,5
	rank	400.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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Bull name	Registration number	Birth date	State Register
BROAD COVE GOLDENGATE	CA000006387868	03.06.1995	LET-002
Country of origin	CA	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	11.05.2000
		CAN	359328

Pedigree

Sire	PGS	HANOVERHILL STARBUCK CA000000352790
HANOVERHILL LIEUTENANT CA000000400665 STB-012	PGD	HANOVERHILL CHIEF T LULU CA000004100574
Dam	MGS	ROTHROCK TRADITION LEADMAN US000001983348 TDN-004
ALTAGEN LEADMAN GOLDEN CA000005606997	MGD	A WILDT MARK GOLDIE CA000004430218

Milk production data	SK 10/2018	Herds	36	Daug.	690	Rel.	99 %	SPI	-216
Number controls		BV		Milk		Fat		rank	502.
13963				-175		-2	0,08	SCS	3,30
						1	0,14	rank	938.

Type data	SHA 10/2018	Herds	16 / 6	Daug.	52	77,5	Rel.	79 %	TYPE	0,13
								rank	450.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,78									
Angularity	-0,36									
Chest Width	0,97									
Body Depth	-0,69									
Rump Angle	1,05									
Rear Legs Side View	0,12									
Foot Angle	1,19									
Fore Udder Attachment	-0,11									
Front Teat Placement	-1,07									
Teat Length	1,95									
Rear Udder Height	0,10									
Rear Udder Width	-1,31									
Central Ligament	0,26									
Udder Depth	1,09									
Rump Width	-0,54									
Rear Legs Rear View	0,82									
Rear Teat Placement	-0,47									
Locomotion	1,08									
Body Condition	0,04									

daught. average

81,2	Frame	0,79
77,6	Dairy Strength	-0,15
77,8	Feet & Legs	1,43
75,5	Udder	-0,83
	SHI	-1,3
	rank	469.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
TALANT	FR006204807593	15.09.2002	MNA-010
Country of origin	FR	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	07.02.2003
		FRA	146962

Pedigree

Sire	PGS	BIS-MAY S-E-L MOUNTAIN-ET
JESTHER-ET		US000002070579
FR005994022699	PGD	RAY-002
		ROCKY-VU ELTON EDNA ELI-ET
		US000014189172
Dam	MGS	MAIZEFIELD BELLWOOD-ET
MAYERLANE CHERY WOOD-ET		US000002103297
US000123143781	MGD	MEW-004
		THOR CINDY
		US000014644167

Milk production data	SK 10/2018	Herds	41	Daug.	108	Rel.	93 %	SPI	-652
Number controls		BV		Milk		Prot.		rank	606.
2083				-69	-1	0,01	-8	SCS	2,97
								rank	521.

Type data	SHA 10/2018	Herds	14 / 11	Daug.	26	78,5	Rel.	66 %	TYPE	0,13
								rank	451.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,89									
Angularity	-0,44									
Chest Width	-0,04									
Body Depth	0,21									
Rump Angle	1,16									
Rear Legs Side View	0,27									
Foot Angle	-1,00									
Fore Udder Attachment	-0,65									
Front Teat Placement	0,60									
Teat Length	-1,29									
Rear Udder Height	0,12									
Rear Udder Width	1,18									
Central Ligament	0,20									
Udder Depth	-0,37									
Rump Width	-0,44									
Rear Legs Rear View	-0,30									
Rear Teat Placement	-0,95									
Locomotion	-0,18									
Body Condition	0,21									

daught. average

82,8 **Frame** **0,86**

78,1 **Dairy Strength** **-0,37**

77,4 **Feet & Legs** **-0,64**

77,5 **Udder** **0,50**

SHI **-14,5**

rank 528.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
FAGGIO-ET	DE00000912915	01.01.1996	BS-043
Country of origin	DE	Breed	R100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	07.02.1996
		DEU	96/2249

Pedigree

Sire	PGS	TO-MAR BLACKSTAR-ET
RENOWN FACTOR-ET		US000001929410
US000002129913	PGD	RENOWN ENHANCER TINSEL RED-ET
BS-009		US000013281785
Dam	MGS	E-D THOR-RED
KANADA 63		US000000012040
DE000722919921	MGD	KANONE 143
		DE000755398180

Milk production data	SK 10/2018	Herds	72	Daug.	858	Rel.	99 %	SPI	-1632
Number controls		BV	Milk	Fat	%	Prot.	%	rank	842.
17984			-580	-3	0,39	-12	0,15	SCS	3,04
								rank	611.

Type data	SHA 10/2018	Herds	11 / 4	Daug.	92	78,4	Rel.	86 %	TYPE	0,12
								rank	452.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,82									
Angularity	-0,51									
Chest Width	1,95									
Body Depth	2,74									
Rump Angle	-2,07									
Rear Legs Side View	1,14									
Foot Angle	0,67									
Fore Udder Attachment	-1,15									
Front Teat Placement	-1,54									
Teat Length	0,34									
Rear Udder Height	-0,83									
Rear Udder Width	0,62									
Central Ligament	-0,72									
Udder Depth	-1,54									
Rump Width	1,46									
Rear Legs Rear View	1,02									
Rear Teat Placement	-2,01									
Locomotion	0,72									
Body Condition	0,35									

daught. average

82,5	Frame	1,36
79,3	Dairy Strength	1,00
79,5	Feet & Legs	0,64
75,4	Udder	-1,57
	SHI	-44,3
	rank	644.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
FAMOS	IT098500179921	24.03.2002	FBE-008
Country of origin	IT	Breed	R100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	02.07.2002
		DE	02/35166

Pedigree

Sire	PGS	RENOWN FACTOR-ET
FABER RED-ET		US000002129913
DE000340174036	PGD	LORELEY 12
		DE001021135253
Dam	MGS	CASERINI LEADER TALENT RED
ROSSONERA		IT001313049327
IT001315024812	MGD	FAVORITA
		IT001313014407

Milk production data	SK 10/2018	Herds	122	Daug.	3243	Rel.	99 %	SPI	-355
Number controls		BV		Milk		Fat	%	rank	533.
67712				-100		-5	-0,04	Prot.	0,04
								SCS	3,53
								rank	1152.

Type data	SHA 10/2018	Herds	56 / 11	Daug.	528	79,2	Rel.	97 %	TYPE	0,12
									rank	453.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,28									
Angularity	0,51									
Chest Width	-0,50									
Body Depth	0,63									
Rump Angle	-0,91									
Rear Legs Side View	-0,15									
Foot Angle	-0,56									
Fore Udder Attachment	0,30									
Front Teat Placement	0,18									
Teat Length	-0,53									
Rear Udder Height	-0,50									
Rear Udder Width	-0,51									
Central Ligament	0,30									
Udder Depth	-0,06									
Rump Width	-0,15									
Rear Legs Rear View	-0,44									
Rear Teat Placement	0,24									
Locomotion	0,78									
Body Condition	0,05									

daught. average

83,0	Frame	0,21
81,0	Dairy Strength	0,57
80,0	Feet & Legs	-0,16
75,9	Udder	-0,21
	SHI	-5,9
	rank	486.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
TARIBO	DE000066240527	15.02.2005	SOM-012
Country of origin	DE	Breed	R100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	12.09.2005
		DE	05/40631

Pedigree

Sire	PGS	MAUGHLIN STORM-ET
LADINO PARK TALENT-IMP-ET		CA000005457798
AU000000930377	PGD	MARKWELL LEADER ROSE-ET
		US000015804313
Dam	MGS	RUBENS
ARRIBA 162		DE000577182316
DE000579333406	MGD	AJOLA
		DE000578991424

Milk production data	SK 10/2018	Herds	37	Daug.	460	Rel.	98 %	SPI	-2509
Number controls		BV		Milk		Fat	%	rank	1034.
8627				-611	-23	-0,00	-16	0,06	SCS
								rank	853.

Type data	SHA 10/2018	Herds	6 / 2	Daug.	19	79,2	Rel.	59 %	TYPE	0,12
								rank	454.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-1,60									
Angularity	0,41									
Chest Width	-2,14									
Body Depth	-1,74									
Rump Angle	0,81									
Rear Legs Side View	0,65									
Foot Angle	0,22									
Fore Udder Attachment	1,68									
Front Teat Placement	0,81									
Teat Length	-1,33									
Rear Udder Height	1,71									
Rear Udder Width	1,62									
Central Ligament	1,20									
Udder Depth	0,19									
Rump Width	0,06									
Rear Legs Rear View	-0,79									
Rear Teat Placement	-0,34									
Locomotion	-0,43									
Body Condition	-2,58									

daught. average

78,7	Frame	-2,07
79,5	Dairy Strength	-0,80
80,1	Feet & Legs	-0,46
78,7	Udder	2,10
	SHI	-70,9
	rank	737.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
TESON ET	SK000046809853	17.03.1995	TES-003
Country of origin	SK	Breed	H100
Distributor	Slovensko	Herdbook	HA
		Paternity	18.03.1996
		SVK	0210/14

Pedigree

Sire	PGS	S-W-D VALIANT
TESK-HOLM VALIANT ROCKIE		US000001650414
US000001841366	PGD	HOUVALE APOLLO GAIL
VAL-016		US000008985852
Dam	MGS	LEKKER IVANHOE BELL JESSE-ET
RUANN JESSE LORELEI 88207-ET		US000001842389
US000013350496	MGD	RUANN GOLDEN NUGGET LASS
		US000010532369

Milk production data	SK 10/2018	Herds	55	Daug.	191	Rel.	96 %	SPI	-1422
Number controls		BV		Milk		Prot.		rank	788.
3798				-319	-13	-0,03	-1	SCS	3,17
								rank	784.

Type data	SHA 10/2018	Herds	21 / 13	Daug.	32	77,0	Rel.	74 %	TYPE	0,12
								rank	455.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,42									
Angularity	-0,13									
Chest Width	0,41									
Body Depth	0,43									
Rump Angle	1,66									
Rear Legs Side View	-1,21									
Foot Angle	-0,09									
Fore Udder Attachment	0,10									
Front Teat Placement	-0,05									
Teat Length	1,40									
Rear Udder Height	-0,64									
Rear Udder Width	-1,00									
Central Ligament	0,19									
Udder Depth	0,70									
Rump Width	0,81									
Rear Legs Rear View	-0,33									
Rear Teat Placement	0,10									
Locomotion	-0,51									
Body Condition	0,79									

daught. average

79,5 **Frame** **0,49**

74,0 **Dairy Strength** **-0,02**

78,4 **Feet & Legs** **0,62**

76,5 **Udder** **-0,53**

SHI **-38,2**

rank 627.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
JUNIMOND-ET	DE000767909994	15.07.2000	BES-002
Country of origin	DE	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	23.10.2000
		DEU	00/12380

Pedigree

Sire	PGS	BESNE-BUCK
JOCKO BESN		FR004486041658
FR005694028588	PGD	GAIA
		FR005691017484
Dam	MGS	LA PRESENTATION LAZER
FIDJI T621		CA000005033036
DE000764662075	MGD	FINABEL 452 BL
		DE000760310707

Milk production data	SK 10/2018	Herds	41	Daug.	81	Rel.	92 %	SPI	1475
Number controls		BV		Milk		Fat		rank	179.
1862				378		9	-0,10	SCS	2,62
						11	-0,02	rank	145.

Type data	SHA 10/2018	Herds	10 / 9	Daug.	17	77,8	Rel.	59 %	TYPE	0,11
								rank	456.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,29									
Angularity	1,36									
Chest Width	-1,86									
Body Depth	-1,59									
Rump Angle	0,90									
Rear Legs Side View	0,07									
Foot Angle	-0,55									
Fore Udder Attachment	0,18									
Front Teat Placement	-0,94									
Teat Length	0,56									
Rear Udder Height	0,72									
Rear Udder Width	0,57									
Central Ligament	0,27									
Udder Depth	0,46									
Rump Width	-1,15									
Rear Legs Rear View	0,04									
Rear Teat Placement	-0,06									
Locomotion	0,56									
Body Condition	-1,35									

daught. average

78,9	Frame	-0,43
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78,6	Dairy Strength	0,28
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77,4	Feet & Legs	0,07
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77,1	Udder	0,30
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	SHI	48,9
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rank 268.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
CHANCE SOUTHWIND LB ZACK-ET	US000002156938	06.12.1990	BEL-012
Country of origin	US	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	18.06.1991
		USA	IG156601A

Pedigree

Sire	PGS	CARLIN-M IVANHOE BELL
SOUTHWIND BELL OF BAR-LEE		US000001667366
US000001964484	PGD	SOUTHWIND VALIANT NAOMA-ET
BEL-001		US000011489023
Dam	MGS	WALKWAY CHIEF MARK
LIGHT-RIDGE FAIRHIL MARK-EL		US000001773417
US000012532410	MGD	LIGHTS-RBR BELL ELLEN
		US000011258529

Milk production data	SK 10/2018	Herds	33	Daug.	217	Rel.	97 %	SPI	747
Number controls		BV		Milk		Fat		rank	316.
4578				86		10	0,10	SCS	3,00
						6	0,06	rank	571.

Type data	SHA 10/2018	Herds	26 / 15	Daug.	61	78,3	Rel.	84 %	TYPE	0,11
								rank	457.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,06									
Angularity	-0,09									
Chest Width	1,92									
Body Depth	1,94									
Rump Angle	-0,56									
Rear Legs Side View	0,58									
Foot Angle	-0,75									
Fore Udder Attachment	0,85									
Front Teat Placement	0,62									
Teat Length	-0,72									
Rear Udder Height	-1,62									
Rear Udder Width	-0,87									
Central Ligament	0,33									
Udder Depth	-0,55									
Rump Width	0,14									
Rear Legs Rear View	0,75									
Rear Teat Placement	0,34									
Locomotion	0,78									
Body Condition	0,46									

daught. average

81,4	Frame	0,70
76,4	Dairy Strength	1,02
79,1	Feet & Legs	-0,49
77,2	Udder	-0,68
	SHI	26,8
	rank	338.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
COGENT DESTINY-ET	GB000000631056	05.11.2005	PEL-055

Country of origin	GB	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	17.02.2006
		NL	138394

Pedigree

Sire	PGS	CAROL PRELUDE MTOTO-ET
PICSTON SHOTTLE-ET		IT006001001962
GB000000598172	PGD	CONDON AERO SHARON
PEL-033		CA000005373153
Dam	MGS	MARA-THON BW MARSHALL-ET TV
COGENT MARSHALL DIANA-ET		US000002290977
GB000010300261	MGD	RICECREST DECISION DIANA-ET
		US000129863852

Milk production data	SK 10/2018	Herds	44	Daug.	735	Rel.	98 %	SPI	3037
Number controls		BV		Milk		Fat	%	Prot.	%
11076				878	23	-0,18	19	-0,17	
								SCS	2,86
								rank	368.

Type data	SHA 10/2018	Herds	43 / 16	Daug.	276	81,0	Rel.	94 %	TYPE	0,10
									rank	458.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,17									
Angularity	1,75									
Chest Width	-1,99									
Body Depth	-1,83									
Rump Angle	1,85									
Rear Legs Side View	0,85									
Foot Angle	-0,93									
Fore Udder Attachment	1,23									
Front Teat Placement	0,67									
Teat Length	-1,58									
Rear Udder Height	1,67									
Rear Udder Width	0,13									
Central Ligament	0,46									
Udder Depth	0,61									
Rump Width	-1,79									
Rear Legs Rear View	-0,27									
Rear Teat Placement	0,63									
Locomotion	0,43									
Body Condition	-1,55									

daught. average	83,7	Frame	-0,92
	80,9	Dairy Strength	-0,35
	81,0	Feet & Legs	-0,55
	79,8	Udder	1,35
		SHI	95,7
		rank	124.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
R-E-W SCOOTER-ET	US000133001167	20.03.2002	BW-020
Country of origin	US	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	11.11.2002
		USA	DNA

Pedigree

Sire	PGS	MAIZEFIELD BELLWOOD-ET
SILDAHL BW DUTCH BOY-ET		US000002103297
US000017058140		MEW-004
BW-016	PGD	BALLAND LASER DUTCHESS-TW
		US000014911435
Dam	MGS	PEN-COL DUSTER-ET
SHER-EST DUSTER STARDUST-ET		US000002147486
US000017176084	MGD	SHER-EST THOR SOUP-TW
		US000014962426

Milk production data	SK 10/2018	Herds	40	Daug.	85	Rel.	92 %	SPI	1542
Number controls		BV		Milk		Fat		rank	167.
1837				360		16	0,03	SCS	2,98
								rank	539.

Type data	SHA 10/2018	Herds	12 / 9	Daug.	22	78,5	Rel.	65 %	TYPE	0,10
								rank	459.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,18									
Angularity	0,62									
Chest Width	-1,44									
Body Depth	-0,90									
Rump Angle	0,35									
Rear Legs Side View	0,43									
Foot Angle	1,64									
Fore Udder Attachment	-0,25									
Front Teat Placement	0,45									
Teat Length	-0,59									
Rear Udder Height	0,58									
Rear Udder Width	0,86									
Central Ligament	-1,39									
Udder Depth	-1,22									
Rump Width	-1,30									
Rear Legs Rear View	0,38									
Rear Teat Placement	0,10									
Locomotion	0,21									
Body Condition	-2,17									

daught. average

80,4	Frame	-0,74
78,6	Dairy Strength	-0,10
80,1	Feet & Legs	1,02
76,6	Udder	0,11
	SHI	50,4
	rank	259.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
CEDRIC RED	NL000243635278	06.12.1999	SOG-007
Country of origin	NL	Breed	R100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	01.11.2000
		NL	53998

Pedigree

Sire	PGS	STOLLBERG
STADEL RED		DE000605543976
DE001015240086	PGD	DOUBLETTE
		DE001015106572
Dam	MGS	RAILSIDE JEWEL -RED-ET
DORA 440		US000002135046
NL000206733186	MGD	DORA 416
		NL000141497639

Milk production data	SK 10/2018	Herds	78	Daug.	1356	Rel.	99 %	SPI	-1354
Number controls		BV		Milk		Fat		rank	771.
27682				-504		-7	0,24	SCS	2,93
						-7	0,20	rank	466.

Type data	SHA 10/2018	Herds	7 / 4	Daug.	32	78,7	Rel.	72 %	TYPE	0,10
								rank	460.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-1,60									
Angularity	0,62									
Chest Width	-1,10									
Body Depth	-1,23									
Rump Angle	-1,26									
Rear Legs Side View	1,17									
Foot Angle	-0,45									
Fore Udder Attachment	0,49									
Front Teat Placement	0,80									
Teat Length	-2,14									
Rear Udder Height	0,14									
Rear Udder Width	-0,08									
Central Ligament	1,63									
Udder Depth	0,54									
Rump Width	-1,47									
Rear Legs Rear View	0,68									
Rear Teat Placement	-0,09									
Locomotion	0,82									
Body Condition	-0,07									

daught. average

80,2	Frame	-1,92
79,3	Dairy Strength	-0,42
79,5	Feet & Legs	0,09
77,1	Udder	1,61
	SHI	-37,0
	rank	619.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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Bull name	Registration number	Birth date	State Register
JAMINGO-ET	DE000113393063	28.01.2002	JRM-002
Country of origin	DE	Breed	R100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	27.02.2002
		DEU	02/3052

Pedigree

Sire	PGS	CLARA S ORKAN RED
JEROM		NL000283076619
NL000163374068	PGD	MADEMEKE
		NL000819471596
Dam	MGS	SUBLIEM TULIP RED
ANNA 186		NL000815222426
DE000112123620	MGD	SONDE 186
		DE000109920108

NIK-001

Milk production data	SK 10/2018	Herds	40	Daug.	114	Rel.	94 %	SPI	113
Number controls		BV		Milk		Prot.	%	rank	441.
2510				-86	13	0,30	-2	0,01	SCS
								rank	545.

Type data	SHA 10/2018	Herds	6 / 5	Daug.	12	79,0	Rel.	53 %	TYPE	0,10
								rank	461.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,14									
Angularity	-0,11									
Chest Width	-0,05									
Body Depth	1,29									
Rump Angle	-0,08									
Rear Legs Side View	-1,08									
Foot Angle	0,84									
Fore Udder Attachment	-0,58									
Front Teat Placement	-0,25									
Teat Length	-0,59									
Rear Udder Height	-0,20									
Rear Udder Width	-0,71									
Central Ligament	0,58									
Udder Depth	-0,67									
Rump Width	-0,80									
Rear Legs Rear View	1,74									
Rear Teat Placement	-0,46									
Locomotion	-0,31									
Body Condition	1,45									

daught. average

82,0 **Frame** **0,05**

78,4 **Dairy Strength** **0,06**

79,7 **Feet & Legs** **0,12**

77,1 **Udder** **-0,23**

SHI **7,2**

rank 440.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
AGRIPA KENT GONG-ET	SK000080084859	14.04.1997	KNT-001

Country of origin	SK	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	30.01.1998
		SVK	0230/26

Pedigree

Sire	PGS	BIS-MAY TRADITION CLEITUS	
CRESCENTMEAD CLEITUS KENT-ET		US000001879085	CLE-003
US000002093675	PGD	JENNITON-R KIMBERLY-ET	
		US000011954220	
Dam	MGS	MADAWASKA AEROSTAR	
PRAIRIE-BELLE GLAMOUR-ET		CA000000383622	STB-011
US000014773162	MGD	HAYSEED ROTATE GAIETY	
		US000012893091	

Milk production data	SK 10/2018	Herds	42	Daug.	106	Rel.	93 %	SPI	-1715	
Number controls		BV		Milk		Fat	%	Prot.	%	
2047				-358	-14	-0,02	-13	-0,05	SCS	3,26
									rank	863.
									rank	899.

Type data	SHA 10/2018	Herds	7 / 6	Daug.	20	76,7	Rel.	61 %	TYPE	0,10
									rank	462.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,73									
Angularity	1,26									
Chest Width	-0,33									
Body Depth	0,49									
Rump Angle	-1,09									
Rear Legs Side View	-0,61									
Foot Angle	-0,69									
Fore Udder Attachment	0,70									
Front Teat Placement	-1,70									
Teat Length	1,57									
Rear Udder Height	-0,20									
Rear Udder Width	-1,14									
Central Ligament	0,27									
Udder Depth	-0,57									
Rump Width	-0,63									
Rear Legs Rear View	1,33									
Rear Teat Placement	0,14									
Locomotion	0,55									
Body Condition	0,12									

daught. average	76,9	Frame	-0,97
	76,3	Dairy Strength	1,57
	78,5	Feet & Legs	0,96
	75,9	Udder	-0,44
		SHI	-47,9
		rank	653.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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Bull name	Registration number	Birth date	State Register
SUBLIEM TULIP RED	NL000815222426	26.09.1992	NIK-001

Country of origin	NL	Breed	R100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	12.02.1993
		NLD	815222426

Pedigree

Sire	PGS	TO-MAR BLACKSTAR-ET	
DOMAR NIGHTHAWK		US000001929410	CHR-002
CA000005004326	PGD	DOMAR ENHANCER KIM RED	
		CA000004062945	
Dam	MGS	E-D TONTO CAVALIER	
BATENBURG BAT TINA 824		US000000022235	
NL000458657432	MGD	TINA	
		DE001015070499	

Milk production data	SK 10/2018	Herds	31	Daug.	264	Rel.	97 %	SPI	-2037
Number controls		BV		Milk		Fat	%	Prot.	%
5401				-798		4	0,73	-16	0,22
								SCS	2,93
								rank	468.

Type data	SHA 10/2018	Herds	8 / 3	Daug.	13	76,3	Rel.	70 %	TYPE	0,08
									rank	463.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-1,06									
Angularity	0,20									
Chest Width	-0,13									
Body Depth	1,02									
Rump Angle	0,29									
Rear Legs Side View	1,75									
Foot Angle	-1,92									
Fore Udder Attachment	0,14									
Front Teat Placement	2,26									
Teat Length	-1,19									
Rear Udder Height	0,98									
Rear Udder Width	1,20									
Central Ligament	-0,58									
Udder Depth	0,40									
Rump Width	-0,69									
Rear Legs Rear View	0,18									
Rear Teat Placement	1,07									
Locomotion	-1,16									
Body Condition	-0,31									

daught. average	77,5	Frame	-0,86
	74,4	Dairy Strength	0,68
	77,2	Feet & Legs	-1,77
	75,9	Udder	1,39
		SHI	-58,2
		rank	686.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells
SHA 10/2018 Type breeding values released by (Slovak Holstein Association)
Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).
SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
LA PRESENTATION AERO-ET	CA000005416805	19.05.1991	ARS-019
Country of origin	CA	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	07.10.1991
		CAN	CD 257683

Pedigree

Sire	PGS	HANOVERHILL STARBUCK
MADAWASKA AEROSTAR		CA000000352790
CA000000383622	PGD	MADAWASKA SHADY
STB-011		CA0000003511527
Dam	MGS	CAL-CLARK BOARD CHAIRMAN
DE LA PRESENTATION LIMA		US000001723741 ADM-008
CA0000004111972	MGD	DE LA PRESENTATION BRISE
		CA0000003849194

Milk production data	SK 10/2018	Herds	76	Daug.	1056	Rel.	99 %	SPI	-893
Number controls		BV		Milk		Fat	%	rank	667.
19162				-94	-7	-0,08	-9	SCS	3,45
								rank	1097.

Type data	SHA 10/2018	Herds	62 / 24	Daug.	331	77,1	Rel.	96 %	TYPE	0,07
								rank	464.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	1,35									
Angularity	0,99									
Chest Width	-0,06									
Body Depth	-0,14									
Rump Angle	0,83									
Rear Legs Side View	-0,46									
Foot Angle	0,54									
Fore Udder Attachment	-0,22									
Front Teat Placement	-1,57									
Teat Length	1,29									
Rear Udder Height	0,87									
Rear Udder Width	-0,43									
Central Ligament	-1,26									
Udder Depth	0,32									
Rump Width	-0,39									
Rear Legs Rear View	-0,63									
Rear Teat Placement	-1,81									
Locomotion	-1,49									
Body Condition	0,13									

daught. average

81,5	Frame	0,98
76,0	Dairy Strength	1,25
76,8	Feet & Legs	-0,48
75,6	Udder	-0,94
	SHI	-23,9
	rank	567.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
ROKLANE BLACKSTAR,ZEKE	US000002124369	30.11.1989	BS-026
Country of origin	US	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	13.09.1990
		USA	IG144224E

Pedigree

Sire	PGS	CAL-CLARK BOARD CHAIRMAN
TO-MAR BLACKSTAR-ET		US000001723741
US000001929410	PGD	TO-MAR WAYNE HAY
CHR-002		US000009804790
Dam	MGS	WHITTIER-FARMS NED BOY
ROKLANE NED BOY ZETA-ET		US000001806201
US0000013217283	MGD	ROKLANE MISS CONNYS BETA-ET
		US0000012516890

Milk production data	SK 10/2018	Herds	55	Daug.	414	Rel.	98 %	SPI	-1856
Number controls		BV		Milk		Fat		rank	892.
8155				-261		-21	-0,22	SCS	3,64
						-15	-0,15	rank	1209.

Type data	SHA 10/2018	Herds	24 / 15	Daug.	74	77,5	Rel.	87 %	TYPE	0,07
								rank	465.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,31									
Angularity	0,26									
Chest Width	-0,09									
Body Depth	0,44									
Rump Angle	-0,25									
Rear Legs Side View	-1,08									
Foot Angle	-0,30									
Fore Udder Attachment	-0,88									
Front Teat Placement	0,75									
Teat Length	0,80									
Rear Udder Height	-1,33									
Rear Udder Width	-1,43									
Central Ligament	1,69									
Udder Depth	-0,42									
Rump Width	-0,06									
Rear Legs Rear View	0,28									
Rear Teat Placement	-0,22									
Locomotion	0,06									
Body Condition	-0,50									

daught. average

80,0	Frame	-0,25
75,4	Dairy Strength	0,74
78,7	Feet & Legs	-0,42
76,7	Udder	0,19
	SHI	-53,1
	rank	673.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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Bull name	Registration number	Birth date	State Register
MARIELLO	DE000346122790	10.10.2001	MNL-014
Country of origin	DE	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	12.11.2001
		DEU	01/12709

Pedigree

Sire	PGS	LUTZ-MEADOWS E MANDEL-ET
RICECREST MARSHALL-ET		US000002119526
US000002297473	PGD	RICECREST SOUTHWIND KAYE-ET
MNL-007		US000014334791
Dam	MGS	ESQUIMAU
BIGA 370		FR002989026154
DE000341833851	MGD	BIGGI 327
		DE001021555412

Milk production data	SK 10/2018	Herds	31	Daug.	150	Rel.	95 %	SPI	20
Number controls		BV		Milk		Fat	%	Prot.	%
2906				127		-6	-0,20	-0	-0,09
								SCS	3,36
								rank	462.
								rank	1014.

Type data	SHA 10/2018	Herds	6 / 4	Daug.	14	79,1	Rel.	59 %	TYPE	0,07
									rank	466.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,59									
Angularity	-0,93									
Chest Width	0,23									
Body Depth	1,04									
Rump Angle	-0,60									
Rear Legs Side View	0,78									
Foot Angle	0,05									
Fore Udder Attachment	1,72									
Front Teat Placement	1,04									
Teat Length	0,22									
Rear Udder Height	0,13									
Rear Udder Width	-0,49									
Central Ligament	0,03									
Udder Depth	0,20									
Rump Width	-1,09									
Rear Legs Rear View	-0,53									
Rear Teat Placement	1,37									
Locomotion	0,56									
Body Condition	0,42									

daught. average

79,7 **Frame** **-0,45**

78,7 **Dairy Strength** **-0,64**

78,6 **Feet & Legs** **0,35**

78,9 **Udder** **0,39**

SHI **3,4**

rank 451.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
ABRAHAM BENCHMARK SVIT-ET	SK00000201854	31.12.1995	BEK-004
Country of origin	SK	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	19.12.1996
		SVK	0200/17

Pedigree

Sire	PGS	ARLINDA MELWOOD-ET
SINGING-BROOK BENCHMARK-ET		US000001879149
US000002078290	PGD	PACLAMAR MARIETTA BOWS
MEW-001		US000012178426
Dam	MGS	SINGING-BROOK N-BOY MASCOT-ET
EVER-GREEN-VIEW JELLY-ET		US000002020049 NBY-011
US000015060872	MGD	BAY-ROAD CLEITUS PLUM-ET
		US000013613699

Milk production data	SK 10/2018	Herds	32	Daug.	73	Rel.	91 %	SPI	-1448
Number controls		BV		Milk	Fat	%	Prot.	%	rank
1539				-382	-5	0,17	-12	-0,01	SCS
									rank
									797.
									323.

Type data	SHA 10/2018	Herds	8 / 6	Daug.	10	77,3	Rel.	50 %	TYPE	0,07
									rank	467.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,16									
Angularity	1,04									
Chest Width	-1,81									
Body Depth	0,39									
Rump Angle	0,00									
Rear Legs Side View	-0,41									
Foot Angle	1,53									
Fore Udder Attachment	-1,54									
Front Teat Placement	-0,89									
Teat Length	-0,69									
Rear Udder Height	-0,68									
Rear Udder Width	-0,87									
Central Ligament	1,96									
Udder Depth	0,06									
Rump Width	-0,62									
Rear Legs Rear View	0,54									
Rear Teat Placement	-0,48									
Locomotion	-0,84									
Body Condition	-0,28									

daught. average

79,1	Frame	-0,45
76,4	Dairy Strength	0,48
79,9	Feet & Legs	0,91
75,4	Udder	-0,74
	SHI	-41,0
	rank	637.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
HARNA-ET	CZ000017622061	12.10.2003	BW-022

Country of origin	CZ	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	22.12.2003
		CZ	0302399

Pedigree

Sire	PGS	MAIZEFIELD BELLWOOD-ET
MCCLOE-POND TRENT		US000002103297
US000017226843		MEW-004
BW-015	PGD	MCCLOE-POND MOUNTAIN TRIS
		US000015674637
Dam	MGS	KENJO PRESCOTT
MOROVILLE PRESCOTT BEATRICE		US000002140171
US000017164981	MGD	LUKE BETTY
		US000015475332

Milk production data	SK 10/2018	Herds	69	Daug.	878	Rel.	99 %	SPI	1440
Number controls		BV		Milk		Fat	%	rank	186.
16782				374		4	-0,18	SCS	3,39
						12	0,01	rank	1042.

Type data	SHA 10/2018	Herds	29 / 15	Daug.	206	79,8	Rel.	93 %	TYPE	0,07
								rank	468.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,89									
Angularity	-0,80									
Chest Width	0,84									
Body Depth	0,26									
Rump Angle	1,30									
Rear Legs Side View	0,44									
Foot Angle	0,88									
Fore Udder Attachment	0,12									
Front Teat Placement	-0,23									
Teat Length	-0,22									
Rear Udder Height	-0,91									
Rear Udder Width	0,01									
Central Ligament	-0,50									
Udder Depth	-0,75									
Rump Width	1,57									
Rear Legs Rear View	-0,89									
Rear Teat Placement	-0,42									
Locomotion	0,04									
Body Condition	-0,15									

daught. average

84,3	Frame	1,03
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80,6	Dairy Strength	-0,28
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81,0	Feet & Legs	0,34
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76,4	Udder	-0,79
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	SHI	46,0
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rank 275.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
BURKET-FALLS NO-NOX RED-ET	US000002208575	16.09.1992	CDR-001
Country of origin	US	Breed	R100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	08.07.1993
		USA	IG185763B

Pedigree

Sire	PGS	WALKWAY CHIEF MARK
WINE-RIDGE CONCORD-ET		US000001773417
US000002030202	PGD	DIRKSLAND JOAN
		US000010864604
Dam	MGS	TO-MAR BLACKSTAR-ET
BURKET FALLS BS SAVINA-ET		US000001929410
US000014475800	MGD	BURKET-FALLS GE SHAINA-RED-ET
		US000013413753
		CHR-002

Milk production data	SK 10/2018	Herds	13	Daug.	86	Rel.	92 %	SPI	-920
Number controls		BV		Milk	Fat	%	Prot.	%	rank
1732				-171	2	0,15	-11	-0,14	SCS
									rank
									673.
									2,78
									286.

Type data	SHA 10/2018	Herds	5 / 4	Daug.	12	75,9	Rel.	59 %	TYPE	0,06
									rank	469.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,03									
Angularity	0,62									
Chest Width	0,29									
Body Depth	1,98									
Rump Angle	-0,67									
Rear Legs Side View	-0,38									
Foot Angle	-1,33									
Fore Udder Attachment	-0,37									
Front Teat Placement	-1,69									
Teat Length	1,04									
Rear Udder Height	-0,04									
Rear Udder Width	0,72									
Central Ligament	-1,07									
Udder Depth	-0,20									
Rump Width	0,01									
Rear Legs Rear View	-0,80									
Rear Teat Placement	-0,48									
Locomotion	0,40									
Body Condition	-0,67									

daught. average

79,3	Frame	0,29
73,5	Dairy Strength	1,41
77,2	Feet & Legs	-0,98
74,5	Udder	-0,48
	SHI	-25,2
	rank	569.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

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Bull name	Registration number	Birth date	State Register
MCCLOE-POND TRENT	US000017226843	23.09.1996	BW-015
Country of origin	US	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	08.06.2001
		USA	4651

Pedigree

Sire	PGS	ARLINDA MELWOOD-ET
MAIZEFIELD BELLWOOD-ET		US000001879149
US000002103297	PGD	BREN-WAY BELL BETSY
MEW-004		US000012052401
Dam	MGS	BIS-MAY S-E-L MOUNTAIN-ET
MCCLOE-POND MOUNTAIN TRIS		US000002070579
US000015674637	MGD	MCCLOE-POND WHISTER TESS
		US000014894669

Milk production data	SK 10/2018	Herds	4	Daug.	74	Rel.	92 %	SPI	6097
Number controls		BV		Milk		Fat	%	Prot.	%
1469				1048	71	0,47	42	0,17	SCS
									rank
									...
									rank
									...

Type data	SHA 10/2018	Herds	15 / 4	Daug.	64	78,6	Rel.	83 %	TYPE	0,06
									rank	470.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	1,06									
Angularity	-0,79									
Chest Width	1,33									
Body Depth	0,08									
Rump Angle	3,19									
Rear Legs Side View	1,81									
Foot Angle	1,59									
Fore Udder Attachment	-1,21									
Front Teat Placement	0,59									
Teat Length	0,49									
Rear Udder Height	-0,89									
Rear Udder Width	0,21									
Central Ligament	0,56									
Udder Depth	-1,38									
Rump Width	1,51									
Rear Legs Rear View	-2,21									
Rear Teat Placement	-0,72									
Locomotion	-0,45									
Body Condition	0,45									

daught. average

81,9	Frame	1,26
78,8	Dairy Strength	-0,24
77,5	Feet & Legs	0,11
77,4	Udder	-0,82
	SHI	186,2
	rank	14.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

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Bull name	Registration number	Birth date	State Register
RODENBERG EMORY NEWTON-ET	US000017012161	21.03.1996	EMY-001
Country of origin	US	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	10.12.1996
		USA	IG2283318

Pedigree

Sire	PGS	TO-MAR BLACKSTAR-ET	
MJR BLACKSTAR EMORY-ET		US000001929410	CHR-002
US000002114601	PGD	MJR ROTATE ELSIE	
		US000012600262	
Dam	MGS	SINGING-BROOK N-BOY MASCOT-ET	
MARYLINE MASCOT NAN-ET		US000002020049	NBY-011
US000014912940	MGD	MARYLINE C-B GEM	
		US000011641318	

Milk production data	SK 10/2018	Herds	86	Daug.	1568	Rel.	99 %	SPI	-749
Number controls		BV		Milk		Fat	%	Prot.	%
32673				-56	-12	-0,19	-5	-0,09	rank
									627.
								SCS	2,94
								rank	486.

Type data	SHA 10/2018	Herds	83 / 29	Daug.	630	78,2	Rel.	98 %	TYPE	0,05
									rank	471.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	1,06									
Angularity	0,14									
Chest Width	-2,03									
Body Depth	-2,63									
Rump Angle	0,36									
Rear Legs Side View	-0,24									
Foot Angle	0,70									
Fore Udder Attachment	-0,83									
Front Teat Placement	0,39									
Teat Length	0,30									
Rear Udder Height	0,27									
Rear Udder Width	-0,17									
Central Ligament	1,03									
Udder Depth	0,32									
Rump Width	1,39									
Rear Legs Rear View	0,13									
Rear Teat Placement	0,37									
Locomotion	-1,32									
Body Condition	-1,02									

daught. average

81,5	Frame	0,33
77,6	Dairy Strength	-1,65
78,3	Feet & Legs	0,09
76,9	Udder	0,52
	SHI	-20,5
	rank	555.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

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Bull name	Registration number	Birth date	State Register
EASTLAND JUDGE	NL000232824803	29.08.1998	LUG-003
Country of origin	NL	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	03.12.1998
		NLD	031298

Pedigree

Sire	PGS	PEN SPRING MR C (UGELA BELL)
DELTA LUXEMBURG		US000001920807
NL000776846536	PGD	DELTA SIBERIA-ET
		NL000316418766
Dam	MGS	SKALSUMER SUNNY BOY-ET
EASTLAND GOLDA		NL000311651443
NL000775327465	MGD	EASTLAND GOLDEN ET
		NL000514152714

Milk production data	SK 10/2018	Herds	10	Daug.	90	Rel.	92 %	SPI	104
Number controls		BV		Milk		Fat		rank	444.
1829				-125		2	0,11	SCS	3,47
						4	0,16	rank	1124.

Type data	SHA 10/2018	Herds	6 / 2	Daug.	35	78,9	Rel.	70 %	TYPE	0,05
								rank	472.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,44									
Angularity	0,47									
Chest Width	-1,63									
Body Depth	-1,24									
Rump Angle	-1,28									
Rear Legs Side View	-1,52									
Foot Angle	0,82									
Fore Udder Attachment	0,06									
Front Teat Placement	0,01									
Teat Length	0,31									
Rear Udder Height	-0,42									
Rear Udder Width	0,29									
Central Ligament	0,70									
Udder Depth	0,54									
Rump Width	-1,70									
Rear Legs Rear View	1,17									
Rear Teat Placement	0,47									
Locomotion	0,54									
Body Condition	-0,77									

daught. average

78,9	Frame	-1,06
77,3	Dairy Strength	-0,08
80,5	Feet & Legs	1,10
78,7	Udder	0,21
	SHI	5,1
	rank	444.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

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Bull name	Registration number	Birth date	State Register
TIMOLEON-ET	FR005925822169	01.07.2002	MZA-001

Country of origin	FR	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	06.11.2002
		FRA	138211

Pedigree

Sire	PGS	NORRIELAKE CLEITUS LUKE-TWIN
MONZA		US000002071864
FR005996002810	PGD	SFL LEADMAN COLEEN
LU-015		US000014228152
Dam	MGS	ETAZON ADDISON-ET
RISLY		NL000839380546
FR002941264287	MGD	MONICA
		FR002996001670

Milk production data	SK 10/2018	Herds	149	Daug.	4124	Rel.	99 %	SPI	1179
Number controls		BV		Milk		Fat	%	rank	239.
84983				441		-0	-0,31	9	-0,10
								SCS	2,41
								rank	49.

Type data	SHA 10/2018	Herds	92 / 32	Daug.	706	79,5	Rel.	98 %	TYPE	0,05
								rank	473.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,83									
Angularity	0,83									
Chest Width	-0,97									
Body Depth	-1,33									
Rump Angle	1,44									
Rear Legs Side View	0,33									
Foot Angle	-0,17									
Fore Udder Attachment	0,62									
Front Teat Placement	-0,85									
Teat Length	0,14									
Rear Udder Height	0,81									
Rear Udder Width	1,04									
Central Ligament	0,16									
Udder Depth	-0,03									
Rump Width	-0,52									
Rear Legs Rear View	0,38									
Rear Teat Placement	0,53									
Locomotion	0,74									
Body Condition	-0,39									

daught. average

82,1	Frame	-1,02
80,4	Dairy Strength	-0,39
80,6	Feet & Legs	0,41
77,2	Udder	0,97
	SHI	37,4
	rank	311.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

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Bull name	Registration number	Birth date	State Register
TESMAN ET	SK000046808853	14.03.1995	TES-002
Country of origin	SK	Breed	H100
Distributor	Slovensko	Herdbook	HA
		Paternity	18.03.1996
		SVK	0210/13

Pedigree

Sire	PGS	S-W-D VALIANT
TESK-HOLM VALIANT ROCKIE		US000001650414
US000001841366	PGD	HOUVALE APOLLO GAIL
VAL-016		US000008985852
Dam	MGS	LEKKER IVANHOE BELL JESSE-ET
RUANN JESSE LORELEI 88207-ET		US000001842389
US000013350496	MGD	RUANN GOLDEN NUGGET LASS
		US000010532369

Milk production data	SK 10/2018	Herds	61	Daug.	205	Rel.	97 %	SPI	-1218
Number controls		BV		Milk		Fat	%	Prot.	%
4383				-168		-13	-0,15	-1	-0,10
								SCS	3,83
								rank	1254.

Type data	SHA 10/2018	Herds	16 / 15	Daug.	28	77,5	Rel.	73 %	TYPE	0,05
									rank	474.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	1,54									
Angularity	-0,49									
Chest Width	1,76									
Body Depth	0,08									
Rump Angle	1,79									
Rear Legs Side View	-0,62									
Foot Angle	-0,42									
Fore Udder Attachment	-1,21									
Front Teat Placement	-0,32									
Teat Length	2,22									
Rear Udder Height	-0,03									
Rear Udder Width	0,40									
Central Ligament	-1,63									
Udder Depth	-0,69									
Rump Width	0,59									
Rear Legs Rear View	-0,77									
Rear Teat Placement	-0,11									
Locomotion	-1,05									
Body Condition	-0,02									

daught. average

81,1	Frame	1,66
74,5	Dairy Strength	-0,19
78,6	Feet & Legs	-0,26
76,5	Udder	-0,84
	SHI	-34,9
	rank	606.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

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Bull name	Registration number	Birth date	State Register
KOERIER 114	NL000846833002	07.08.1993	SOG-002
Country of origin	Breed		R100
NL	Herdbook		HA
Distributor	Paternity		14.08.1998
SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	NLD		846833002

Pedigree

Sire	PGS	HANOVERHILL STARBUCK
STOLLBERG		CA000000352790
DE000605543976	PGD	ISETTA 256
		DE000754932446
Dam	MGS	E-D THOR-RED
TRIX 152 RED		US000000012040
NL000457734323	MGD	TRIX 101
		NL000452814219

Milk production data	SK 10/2018	Herds	79	Daug.	718	Rel.	99 %	SPI	-502
Number controls	BV	Milk	Fat	%	Prot.	%	rank	570.	
15957		-270	2	0,24	-3	0,12	SCS	3,56	
							rank	1166.	

Type data	SHA 10/2018	Herds	11 / 7	Daug.	103	76,4	Rel.	89 %	TYPE	0,05
							rank	475.		

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,97									
Angularity	-0,83									
Chest Width	1,79									
Body Depth	1,18									
Rump Angle	-2,24									
Rear Legs Side View	-1,52									
Foot Angle	-0,51									
Fore Udder Attachment	-0,89									
Front Teat Placement	0,44									
Teat Length	-1,01									
Rear Udder Height	-1,09									
Rear Udder Width	-0,47									
Central Ligament	-0,86									
Udder Depth	-0,17									
Rump Width	0,18									
Rear Legs Rear View	0,13									
Rear Teat Placement	-0,80									
Locomotion	1,15									
Body Condition	1,93									

daught. average

79,8	Frame	1,16
74,8	Dairy Strength	-0,02
78,0	Feet & Legs	-0,01
74,6	Udder	-0,98
	SHI	-13,3
	rank	520.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

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Bull name	Registration number	Birth date	State Register
RIMLING	FR002228044264	27.03.2000	LU-017
Country of origin	FR	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	15.02.2002
		FRA	GS791436

Pedigree

Sire	PGS	NORRIELAKE CLEITUS LUKE-TWIN
RICECREST LANTZ-ET		US000002071864
US000002266008	PGD	RICECREST SOUTHWIND KAYE-ET
LU-011		US000014334791
Dam	MGS	WELLS MASCOT CORKY-ET
OLIVIA		US000002203438
FR002298001617	MGD	MARINETTE
		FR002296001583

Milk production data	SK 10/2018	Herds	42	Daug.	87	Rel.	93 %	SPI	513
Number controls		BV		Milk	Fat	%	Prot.	%	rank
1932				143	-0	-0,11	5	0,00	SCS
									rank
									358.
									1175.

Type data	SHA 10/2018	Herds	14 / 11	Daug.	26	77,8	Rel.	67 %	TYPE	0,04
									rank	476.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,11									
Angularity	-1,73									
Chest Width	1,26									
Body Depth	0,40									
Rump Angle	0,20									
Rear Legs Side View	0,77									
Foot Angle	0,97									
Fore Udder Attachment	-0,77									
Front Teat Placement	-1,31									
Teat Length	0,61									
Rear Udder Height	-1,22									
Rear Udder Width	-0,99									
Central Ligament	3,17									
Udder Depth	-0,74									
Rump Width	-0,60									
Rear Legs Rear View	0,76									
Rear Teat Placement	0,77									
Locomotion	0,62									
Body Condition	0,37									

daught. average

80,1	Frame	0,20
76,8	Dairy Strength	-0,88
79,5	Feet & Legs	0,98
76,4	Udder	-0,00
	SHI	17,3
	rank	386.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

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Bull name	Registration number	Birth date	State Register
RAUL 1052	DK005126001240	25.10.2004	MAS-016
Country of origin	DK	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	17.11.2005
		DK	126325

Pedigree

Sire **PGS** CESAR MASCOT VALENTEIN-ET
VANEZETTI VALENTEIN RAUL-ET
IT061051012057
PGD VANZETTI FATAL XAGELLA-ET
IT000601041111

Dam **MGS** SUMMERSHADE INQUIRER
DK005126001052
CA000006483076 **JUX-002**
MGD ASLUNDGAARD LUKAS MONETTE
DK005126000807

Milk production data	SK 10/2018	Herds	50	Daug.	347	Rel.	98 %	SPI	213
Number controls		BV		Milk		Fat	%	Prot.	%
6638				-19		-1	-0,02	4	0,10
								SCS	3,48
								rank	1126.

Type data	SHA 10/2018	Herds	27 / 13	Daug.	107	79,7	Rel.	87 %	TYPE	0,04
									rank	477.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,45									
Angularity	-0,05									
Chest Width	0,32									
Body Depth	0,61									
Rump Angle	-1,07									
Rear Legs Side View	2,34									
Foot Angle	-1,13									
Fore Udder Attachment	1,86									
Front Teat Placement	1,44									
Teat Length	1,93									
Rear Udder Height	0,01									
Rear Udder Width	-0,40									
Central Ligament	1,23									
Udder Depth	1,02									
Rump Width	-0,53									
Rear Legs Rear View	-1,51									
Rear Teat Placement	1,43									
Locomotion	0,49									
Body Condition	0,27									

daught. average

82,7 **Frame** **-0,26**

79,8 **Dairy Strength** **-0,04**

79,3 **Feet & Legs** **-1,42**

78,2 **Udder** **0,94**

SHI **8,2**

rank 434.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

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Bull name	Registration number	Birth date	State Register
OL.VERANTI	NL000368472271	30.06.2004	FLN-004
Country of origin	NL	Breed	R100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	18.11.2004
		NLD	120008

Pedigree

Sire	PGS	MOSSYS ELM PARK FLANO RED
ELM-PARK AVANTI-RED		US000002153299
US000123485890	PGD	VIR-CLAR AMANDA
		US000014889840
Dam	MGS	AGRIPRIZE CADI MESA-RED-ET
VERONA		US000002252648
DE000579188714	MGD	VERA
		DE000578281086

Milk production data	SK 10/2018	Herds	27	Daug.	88	Rel.	93 %	SPI	-2086
Number controls		BV		Milk	Fat	%	Prot.	%	rank
1632				-532	-20	-0,00	-13	0,09	SCS
									rank
									942.
									190.

Type data	SHA 10/2018	Herds	6 / 4	Daug.	12	77,8	Rel.	50 %	TYPE	0,04
									rank	478.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,04									
Angularity	-0,90									
Chest Width	-0,43									
Body Depth	-0,24									
Rump Angle	-0,24									
Rear Legs Side View	0,17									
Foot Angle	-0,06									
Fore Udder Attachment	-0,44									
Front Teat Placement	1,09									
Teat Length	-0,35									
Rear Udder Height	0,41									
Rear Udder Width	0,79									
Central Ligament	-0,34									
Udder Depth	-0,56									
Rump Width	-1,24									
Rear Legs Rear View	1,69									
Rear Teat Placement	0,64									
Locomotion	-0,35									
Body Condition	-0,66									

daught. average

79,5	Frame	-0,27
76,9	Dairy Strength	-0,57
79,1	Feet & Legs	0,33
76,8	Udder	0,30
	SHI	-61,2
	rank	697.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
RICHESS STRAUSS-ET	CA00006508943	15.06.1996	CES-004
Country of origin	CA	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	27.09.1996
		CAN	BT379873

Pedigree

Sire	PGS	HOW-EL-ACRES KIRK BELLMAN-ET
ETAZON CELSIUS-ET		US000001874634
NL000460508522	PGD	WEA-LAND BELL ELLA
		US000012105357
Dam	MGS	MEADOLAKE JUBILANT-ET
GOLOISE STORA JUBILANT		CA000000376455
CA000004766707	MGD	GOLOISE SUBY STARBUCK
		CA000004447973

Milk production data	SK 10/2018	Herds	15	Daug.	232	Rel.	97 %	SPI	-1294
Number controls		BV		Milk	Fat	%	Prot.	%	rank
4392				-408	-5	0,20	-9	0,08	SCS
									rank
									755.
									809.

Type data	SHA 10/2018	Herds	5 / 3	Daug.	26	78,2	Rel.	66 %	TYPE	0,04
									rank	479.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,46									
Angularity	-0,60									
Chest Width	-0,78									
Body Depth	-0,19									
Rump Angle	-0,79									
Rear Legs Side View	-0,28									
Foot Angle	-0,12									
Fore Udder Attachment	0,02									
Front Teat Placement	0,93									
Teat Length	0,83									
Rear Udder Height	0,30									
Rear Udder Width	0,35									
Central Ligament	-1,67									
Udder Depth	-1,33									
Rump Width	-0,34									
Rear Legs Rear View	0,37									
Rear Teat Placement	0,62									
Locomotion	0,11									
Body Condition	0,03									

daught. average

81,8	Frame	0,29
76,3	Dairy Strength	-0,83
78,8	Feet & Legs	0,41
77,0	Udder	0,24
	SHI	-37,5
	rank	622.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
TOCAR	NL000243381922	08.02.2001	ORK-003
Country of origin	NL	Breed	R100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	15.08.2006
		DE	06/39299

Pedigree

Sire	PGS	CLARA S ORKAN RED
TOPINDEX REDFORD		NL000283076619
NL000141539359	PGD	TOPINDEX
		NL000858984817
Dam	MGS	FRANKENHOF LUCKY LEO
MASSIA 8533		NL000777133097
NL000244385336	MGD	MASSIA 13
		NL000863859227

Milk production data	SK 10/2018	Herds	35	Daug.	238	Rel.	96 %	SPI	3847
Number controls		BV		Milk		Fat	%	rank	21.
5095				504		43	0,39	SCS	3,21
						31	0,30	rank	828.

Type data	SHA 10/2018	Herds	8 / 5	Daug.	17	80,3	Rel.	52 %	TYPE	0,04
								rank	480.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-1,79									
Angularity	0,60									
Chest Width	0,24									
Body Depth	0,58									
Rump Angle	-1,11									
Rear Legs Side View	-1,05									
Foot Angle	-0,19									
Fore Udder Attachment	1,18									
Front Teat Placement	-0,39									
Teat Length	-0,40									
Rear Udder Height	0,45									
Rear Udder Width	0,61									
Central Ligament	-0,21									
Udder Depth	-0,52									
Rump Width	-0,05									
Rear Legs Rear View	0,97									
Rear Teat Placement	-1,62									
Locomotion	1,22									
Body Condition	1,19									

daught. average

80,5	Frame	-1,50
82,2	Dairy Strength	0,64
83,1	Feet & Legs	0,43
78,1	Udder	0,39
	SHI	117,4
	rank	76.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
FAUNUS	CZ000100965481	22.01.2001	ELN-007

Country of origin	CZ	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	18.06.2001
		CSK	4823/35

Pedigree

Sire	PGS	EMPRISE BELL ELTON
WA-DEL CONVINCER-ET		US000001912270
US000002249055	PGD	WA-DEL CLEITUS CINDY-ET
ELN-002		US000013372706
Dam	MGS	HA-HO CUBBY MANFRED-ET
CZ000005021441		US000002183007
	MGD	CZ000097279421

Milk production data	SK 10/2018	Herds	32	Daug.	98	Rel.	92 %	SPI	-833
Number controls		BV		Milk		Fat	%	Prot.	%
1853				-142	6	0,20	-12	-0,18	SCS
									rank
									648.
									rank
									775.

Type data	SHA 10/2018	Herds	7 / 6	Daug.	16	78,6	Rel.	56 %	TYPE	0,03
									rank	481.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	1,08									
Angularity	0,64									
Chest Width	-0,67									
Body Depth	-0,47									
Rump Angle	1,73									
Rear Legs Side View	0,60									
Foot Angle	0,20									
Fore Udder Attachment	-0,18									
Front Teat Placement	1,38									
Teat Length	-2,02									
Rear Udder Height	-0,22									
Rear Udder Width	-0,22									
Central Ligament	1,25									
Udder Depth	-0,32									
Rump Width	0,07									
Rear Legs Rear View	-1,48									
Rear Teat Placement	2,81									
Locomotion	-0,88									
Body Condition	-0,32									

daught. average

81,7	Frame	0,73
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78,8	Dairy Strength	0,20
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76,3	Feet & Legs	-0,49
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78,2	Udder	0,01
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	SHI	-23,8
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rank 566.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
OUR-FAVORITE D BOY GEORGE	US000132950253	04.06.2002	BW-037
Country of origin	US	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	05.12.2002
		US	636328

Pedigree

Sire	PGS	MAIZEFIELD BELLWOOD-ET	
SILDAHL BW DUTCH BOY-ET		US000002103297	MEW-004
US000017058140	PGD	BALLAND LASER DUTCHESS-TW	
BW-016		US000014911435	
Dam	MGS	WA-DEL CONVINCER-ET	
OUR-FAVORITE CONCEITED		US000002249055	ELN-002
US000129636968	MGD	OUR-FAVORITE MORGAN-ET	
		US000017361721	

Milk production data	SK 10/2018	Herds	19	Daug.	158	Rel.	95 %	SPI	4090
Number controls		BV		Milk		Fat	%	Prot.	%
3270				1147	19	-0,40	31	-0,09	SCS
									rank
									16.
									rank
									881.

Type data	SHA 10/2018	Herds	25 / 7	Daug.	67	79,9	Rel.	82 %	TYPE	0,03
									rank	482.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,90									
Angularity	0,58									
Chest Width	-0,66									
Body Depth	-0,39									
Rump Angle	1,05									
Rear Legs Side View	0,61									
Foot Angle	1,15									
Fore Udder Attachment	-0,03									
Front Teat Placement	1,11									
Teat Length	-0,06									
Rear Udder Height	-0,21									
Rear Udder Width	-0,09									
Central Ligament	-1,42									
Udder Depth	0,02									
Rump Width	-0,98									
Rear Legs Rear View	-0,24									
Rear Teat Placement	0,21									
Locomotion	-0,53									
Body Condition	-1,80									

daught. average

82,9	Frame	0,61
80,1	Dairy Strength	-0,09
81,8	Feet & Legs	0,43
77,5	Udder	-0,52
	SHI	124,5
	rank	62.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
RICECREST MARTY-ET	US000002231562	07.03.1993	TES-007

Country of origin	US	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	30.11.1993
		USA	IG191010A

Pedigree

Sire	PGS	S-W-D VALIANT
TESK-HOLM VALIANT ROCKIE		US000001650414
US000001841366	PGD	HOUVALE APOLLO GAIL
VAL-016		US000008985852
Dam	MGS	TO-MAR BLACKSTAR-ET
WA-DEL RC BLCKSTR MARTHA-ET		US000001929410
US0000013907649	MGD	VALHALLA MARK MITZY-ET
		US0000012677418

Milk production data	SK 10/2018	Herds	80	Daug.	1359	Rel.	99 %	SPI	670
Number controls		BV		Milk		Fat	%	rank	335.
26389				353		4	-0,19	1	-0,20
								SCS	2,89
								rank	415.

Type data	SHA 10/2018	Herds	136 / 35	Daug.	686	77,8	Rel.	98 %	TYPE	0,03
								rank	483.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-1,00									
Angularity	-0,52									
Chest Width	1,05									
Body Depth	0,01									
Rump Angle	-0,01									
Rear Legs Side View	0,07									
Foot Angle	-0,70									
Fore Udder Attachment	1,00									
Front Teat Placement	-0,96									
Teat Length	-0,73									
Rear Udder Height	0,72									
Rear Udder Width	0,11									
Central Ligament	0,77									
Udder Depth	0,79									
Rump Width	1,55									
Rear Legs Rear View	0,65									
Rear Teat Placement	0,34									
Locomotion	-2,60									
Body Condition	0,68									

daught. average

79,2	Frame	-0,53
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77,2	Dairy Strength	-0,29
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77,7	Feet & Legs	-0,77
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77,5	Udder	0,92
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	SHI	21,3
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rank 364.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
HOMERE	FR002292002752	13.09.1992	MAS-003
Country of origin	FR	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	07.12.1993
		FRA	GS520210

Pedigree

Sire	PGS	WHITTIER-FARMS NED BOY
SINGING-BROOK N-BOY MASCOT-ET		US000001806201
US000002020049	PGD	JACKBUILT CHAIRMAN MANDY
NBY-011		US000011356580
Dam	MGS	PEN SPRING MR C (UGELA BELL)
FUGELA		US000001920807
FR002290042321	MGD	CARLINDA
		FR002287024146

Milk production data	SK 10/2018	Herds	76	Daug.	511	Rel.	99 %	SPI	-1825
Number controls		BV		Milk		Fat	%	rank	886.
10219				-430		-17	-0,02	Prot.	0,03
								SCS	3,00
								rank	562.

Type data	SHA 10/2018	Herds	24 / 15	Daug.	81	77,4	Rel.	87 %	TYPE	0,03
								rank	484.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-1,42									
Angularity	-0,84									
Chest Width	0,09									
Body Depth	0,40									
Rump Angle	-0,09									
Rear Legs Side View	-0,93									
Foot Angle	0,54									
Fore Udder Attachment	0,40									
Front Teat Placement	2,03									
Teat Length	-0,59									
Rear Udder Height	0,44									
Rear Udder Width	0,54									
Central Ligament	0,32									
Udder Depth	-0,27									
Rump Width	-0,86									
Rear Legs Rear View	-1,33									
Rear Teat Placement	1,06									
Locomotion	-0,36									
Body Condition	0,40									

daught. average

78,8	Frame	-1,14
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75,2	Dairy Strength	-0,65
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78,2	Feet & Legs	-0,02
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77,4	Udder	1,25
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	SHI	-54,0
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rank 678.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
LUBLINA-ET	DE000578590282	25.08.1999	LOG-004
Country of origin	Breed	R100	
DE	R100		
Distributor	Herdbook	HA	
SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	HA		
	Paternity	06.10.1999	
	DEU	99/12097	

Pedigree

Sire	PGS	SHADY-LAWN-U LOGIC RED-ET
MASAL LUCKY RED-ET	US000002034426	SUN-003
US000002228267	PGD	DERRWYN CENTRA SASSY RED-ET
	US000013630917	
Dam	MGS	VIS
BATAVIA	DE000505350113	
DE000506050725	MGD	BEA
	DE000505330925	

Milk production data	SK 10/2018	Herds	45	Daug.	87	Rel.	91 %	SPI	-1886
Number controls		BV		Milk		Fat		%	
1630				-536		-5		0,30	
		Prot.				%		SCS	3,13
						-15		0,02	
								rank	900.
								rank	719.

Type data	SHA 10/2018	Herds	7 / 6	Daug.	11	77,3	Rel.	48 %	TYPE	0,02
									rank	485.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,74									
Angularity	-0,95									
Chest Width	2,60									
Body Depth	1,94									
Rump Angle	-0,11									
Rear Legs Side View	-1,13									
Foot Angle	2,11									
Fore Udder Attachment	-1,80									
Front Teat Placement	-0,76									
Teat Length	-0,27									
Rear Udder Height	-1,96									
Rear Udder Width	-0,56									
Central Ligament	-0,02									
Udder Depth	-1,20									
Rump Width	0,66									
Rear Legs Rear View	0,69									
Rear Teat Placement	-0,19									
Locomotion	-0,94									
Body Condition	2,04									

daught. average

82,3	Frame	1,65
78,1	Dairy Strength	-0,06
79,0	Feet & Legs	0,91
73,3	Udder	-1,67
	SHI	-55,9
	rank	683.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
COMESTAR CLASSIC-ET	CA000006575503	14.10.1996	BW-014
Country of origin	CA	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	13.11.1996
		CAN	382506

Pedigree

Sire	PGS	ARLINDA MELWOOD-ET
MAIZEFIELD BELLWOOD-ET		US000001879149
US000002103297	PGD	BREN-WAY BELL BETSY
MEW-004		US000012052401
Dam	MGS	HANOVERHILL RAIDER-ET
COMESTAR LAURANA RAIDER-ET		CA000000390409
CA000005757129	MGD	COMESTAR LAURA BLACK-ET
		CA000005319783

Milk production data	SK 10/2018	Herds	26	Daug.	125	Rel.	94 %	SPI	705
Number controls		BV		Milk		Fat	%	rank	328.
2718				343		-1	-0,26	SCS	3,06
						4	-0,14	rank	631.

Type data	SHA 10/2018	Herds	6 / 4	Daug.	18	78,8	Rel.	62 %	TYPE	0,02
								rank	486.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,85									
Angularity	0,01									
Chest Width	0,31									
Body Depth	0,52									
Rump Angle	1,06									
Rear Legs Side View	1,69									
Foot Angle	0,68									
Fore Udder Attachment	-1,68									
Front Teat Placement	-0,78									
Teat Length	0,75									
Rear Udder Height	-0,38									
Rear Udder Width	0,31									
Central Ligament	0,41									
Udder Depth	-0,95									
Rump Width	0,19									
Rear Legs Rear View	0,57									
Rear Teat Placement	-1,92									
Locomotion	-0,47									
Body Condition	-0,11									

daught. average

83,0	Frame	0,92
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78,2	Dairy Strength	0,20
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79,6	Feet & Legs	0,29
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76,6	Udder	-0,81
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	SHI	22,1
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rank 360.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
EASTVIEW INFLUENCE MATTIE G	US000002203306	24.09.1992	MAS-010
Country of origin	US	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	24.06.1993
		USA	IG185396D

Pedigree

Sire	PGS	WHITTIER-FARMS NED BOY
SINGING-BROOK N-BOY MASCOT-ET		US000001806201
US000002020049	PGD	JACKBUILT CHAIRMAN MANDY
NBV-011		US000011356580
Dam	MGS	TO-MAR BLACKSTAR-ET
EASTVIEW BLAK M,MATTIE G-ET		US000001929410
US000014115091	MGD	EASTVIEW MARK BELL,MATTIE G
		US000012833833

Milk production data	SK 10/2018	Herds	13	Daug.	50	Rel.	90 %	SPI	-347
Number controls		BV		Milk		Fat	%	Prot.	%
1036				-23		-4	-0,07	-3	-0,06
								SCS	3,64
								rank	532.
								rank	1210.

Type data	SHA 10/2018	Herds	12 / 5	Daug.	18	76,7	Rel.	63 %	TYPE	0,02
									rank	487.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,28									
Angularity	-0,11									
Chest Width	2,25									
Body Depth	0,96									
Rump Angle	0,09									
Rear Legs Side View	1,43									
Foot Angle	-0,02									
Fore Udder Attachment	0,11									
Front Teat Placement	1,75									
Teat Length	-1,61									
Rear Udder Height	-0,69									
Rear Udder Width	0,15									
Central Ligament	0,27									
Udder Depth	-0,37									
Rump Width	1,09									
Rear Legs Rear View	-1,44									
Rear Teat Placement	1,69									
Locomotion	0,68									
Body Condition	0,10									

daught. average

81,9 **Frame** **0,97**

75,1 **Dairy Strength** **0,67**

75,8 **Feet & Legs** **-1,01**

75,7 **Udder** **0,11**

SHI **-9,6**

rank 503.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
MARKWELL RAMSES-ET	US000018016696	04.05.1997	RUH-012
Country of origin	US	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	10.02.1998
		CAN	BTIG239784A

Pedigree

Sire	PGS	MADAWASKA AEROSTAR
STARTMORE RUDOLPH-ET		CA000000383622
CA000005470579	PGD	STARTMORE RACHELLE-ET
ARS-015		CA000004324253
Dam	MGS	TO-MAR BLACKSTAR-ET
MARKWELL BSTAR E RAVEN-ET		US000001929410
US000014435688	MGD	MARKWELL MARK ELITE
		US000012568225

Milk production data	SK 10/2018	Herds	10	Daug.	66	Rel.	90 %	SPI	-943
Number controls		BV		Milk		Fat		rank	679.
1430				-211		-15	-0,15	SCS	3,30
						-4	0,06	rank	955.

Type data	SHA 10/2018	Herds	16 / 4	Daug.	42	79,3	Rel.	76 %	TYPE	0,02
								rank	488.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,79									
Angularity	1,30									
Chest Width	-0,66									
Body Depth	-0,10									
Rump Angle	1,80									
Rear Legs Side View	0,76									
Foot Angle	-0,85									
Fore Udder Attachment	-0,99									
Front Teat Placement	-1,05									
Teat Length	0,23									
Rear Udder Height	0,18									
Rear Udder Width	-0,34									
Central Ligament	-1,22									
Udder Depth	0,37									
Rump Width	-0,40									
Rear Legs Rear View	1,02									
Rear Teat Placement	-0,59									
Locomotion	0,32									
Body Condition	-1,48									

daught. average

83,3	Frame	0,49
81,0	Dairy Strength	1,15
80,0	Feet & Legs	-0,62
76,0	Udder	-0,64
	SHI	-27,7
	rank	580.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
CLAYTOP ADDICTION RED-ET	US000017143107	24.06.1996	BSR-001

Country of origin	US	Breed	R100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	19.08.1997
		USA	IG235631A

Pedigree

Sire	PGS	TO-MAR BLACKSTAR-ET	
J-DON B STAR ADONIS-ET		US000001929410	CHR-002
US000002129672	PGD	J-DON ENHANCER PRECIOUS-RED	
		US000013371741	
Dam	MGS	MADAWASKA AEROSTAR	
SFL AEROSTAR S LESLIE-ET		CA000000383622	STB-011
US000014676117	MGD	S-F-L ENHANCER SCARLETTE-RED	
		US000013089892	

Milk production data	SK 10/2018	Herds	136	Daug.	2978	Rel.	99 %	SPI	453
Number controls	BV	Milk	Fat	%	Prot.	%	rank		368.
62985		386	0	-0,27	-1	-0,28	SCS	2,97	rank
									529.

Type data	SHA 10/2018	Herds	57 / 20	Daug.	639	77,7	Rel.	98 %	TYPE	0,02
									rank	489.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,21									
Angularity	0,65									
Chest Width	-1,52									
Body Depth	-1,66									
Rump Angle	-1,55									
Rear Legs Side View	-0,32									
Foot Angle	0,12									
Fore Udder Attachment	0,30									
Front Teat Placement	-0,36									
Teat Length	1,77									
Rear Udder Height	1,44									
Rear Udder Width	1,44									
Central Ligament	-1,41									
Udder Depth	-0,09									
Rump Width	-1,26									
Rear Legs Rear View	-1,02									
Rear Teat Placement	-0,98									
Locomotion	-0,56									
Body Condition	-0,81									

daught. average	79,1	Frame	-0,89
	77,8	Dairy Strength	-0,39
	78,3	Feet & Legs	-0,45
	76,7	Udder	1,19
		SHI	14,3
		rank	403.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
TOPSPEED DELTA SENIOR	NL000333204252	02.09.2001	SNR-003
Country of origin	NL	Breed	R100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	19.11.2001
		NL	71207

Pedigree

Sire	PGS	MARTY RED-ET
TOPINDEX MARTINUS		NL000959580420
NL000141539210	PGD	TOPINDEX 1970
		NL000783524283
Dam	MGS	ETAZON LORD LILY-ET
HOOKWOOD TOPSPEED SIENTJE		NL000780180664
NL000194119793	MGD	HOOKWOOD SIENTJE 67
		NL000783703813

Milk production data	SK 10/2018	Herds	36	Daug.	380	Rel.	98 %	SPI	623
Number controls		BV		Milk		Fat	%	Prot.	%
7532				-243		19	0,53	7	0,33
								SCS	2,93
								rank	342.
								rank	467.

Type data	SHA 10/2018	Herds	8 / 3	Daug.	41	79,7	Rel.	72 %	TYPE	0,01
								rank	490.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,07									
Angularity	-0,80									
Chest Width	0,15									
Body Depth	0,34									
Rump Angle	0,22									
Rear Legs Side View	0,61									
Foot Angle	-0,54									
Fore Udder Attachment	0,13									
Front Teat Placement	1,18									
Teat Length	-1,06									
Rear Udder Height	-0,49									
Rear Udder Width	-0,06									
Central Ligament	-0,51									
Udder Depth	-0,66									
Rump Width	-0,10									
Rear Legs Rear View	0,21									
Rear Teat Placement	-0,03									
Locomotion	2,62									
Body Condition	-0,09									

daught. average

84,0	Frame	0,30
80,5	Dairy Strength	-0,56
82,5	Feet & Legs	0,54
75,7	Udder	-0,31
	SHI	19,3
	rank	379.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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Bull name	Registration number	Birth date	State Register
LATERA BLACKSTAR PLAVCIK-ET	SK000021301055	26.08.1995	BS-029
Country of origin SK		Breed	H100
Distributor		Herdbook	HA
		Paternity	

Pedigree

Sire	PGS	CAL-CLARK BOARD CHAIRMAN
TO-MAR BLACKSTAR-ET		US000001723741
US000001929410	PGD	TO-MAR WAYNE HAY
CHR-002		US000009804790
Dam	MGS	SWEET-HAVEN TRADITION
DREAMSTREET TRAD CLEODEL-ET		US000001682485
US000012046931	MGD	FAIR-HILL FOND CLAIRE
		US000008179031

Milk production data	SK 10/2018	Herds	50	Daug.	159	Rel.	96 %	SPI	-2251
Number controls		BV		Milk		Fat		rank	977.
3060				-459		-18	-0,03	SCS	3,15
						-17	-0,08	rank	753.

Type data	SHA 10/2018	Herds	12 / 10	Daug.	20	76,9	Rel.	67 %	TYPE	0,01
								rank	491.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,56									
Angularity	-0,41									
Chest Width	0,69									
Body Depth	0,04									
Rump Angle	0,91									
Rear Legs Side View	-1,30									
Foot Angle	-1,08									
Fore Udder Attachment	-1,43									
Front Teat Placement	0,59									
Teat Length	0,65									
Rear Udder Height	0,07									
Rear Udder Width	0,63									
Central Ligament	0,89									
Udder Depth	0,78									
Rump Width	0,32									
Rear Legs Rear View	-1,06									
Rear Teat Placement	-0,42									
Locomotion	-0,61									
Body Condition	0,64									

daught. average

81,3	Frame	0,68
74,4	Dairy Strength	-0,03
76,2	Feet & Legs	-1,10
76,5	Udder	0,49
	SHI	-67,4
	rank	720.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
OTHMAN	FR007998040997	11.02.1998	BAX-001
Country of origin	FR	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	

Pedigree

Sire	PGS	ROTHROCK TRADITION LEADMAN
END-ROAD LEADMAN BARLO-ET	US000001983348	TDN-004
US000002161907	PGD	END-ROAD ROYALTY BINGO
	US000013115719	
Dam	MGS	SINGING-BROOK N-BOY MASCOT-ET
BELLE COT	US000002020049	NBY-011
FR008593024134	MGD	BELLE LISE
	FR008591024165	

Milk production data	SK 10/2018	Herds	42	Daug.	119	Rel.	94 %	SPI	240
Number controls		BV		Milk		Fat		rank	415.
2333				282		-12	-0,41	3	-0,13
								SCS	3,57
								rank	1176.

Type data	SHA 10/2018	Herds	11 / 8	Daug.	18	77,8	Rel.	56 %	TYPE	0,01
								rank	492.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,04									
Angularity	-1,70									
Chest Width	1,83									
Body Depth	0,80									
Rump Angle	-0,11									
Rear Legs Side View	1,88									
Foot Angle	2,17									
Fore Udder Attachment	-1,34									
Front Teat Placement	-0,15									
Teat Length	0,30									
Rear Udder Height	-0,63									
Rear Udder Width	-0,19									
Central Ligament	1,19									
Udder Depth	-0,14									
Rump Width	0,53									
Rear Legs Rear View	-0,76									
Rear Teat Placement	0,61									
Locomotion	-1,45									
Body Condition	0,13									

daught. average

80,7	Frame	0,50
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75,2	Dairy Strength	-1,28
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79,1	Feet & Legs	0,25
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76,8	Udder	0,01
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	SHI	7,7
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rank 437.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
SHOREMAR MILAN-ET	CA000005402550	16.04.1991	LID-002
Country of origin	CA	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	15.10.1991
		CAN	258598

Pedigree

Sire	PGS	S-W-D VALIANT
A TOWNSON LINDY-ET		US000001650414
CA000000382748	PGD	TOWNSON ELEVATION LINDY
		US000008721357
Dam	MGS	HANOVERHILL STARBUCK
MEADOW BRIDGE MEGAN-ET		CA000000352790
CA000004244417	MGD	MEADOW BRIDGE FOND MEG-ET
		CA000003339043

Milk production data	SK 10/2018	Herds	43	Daug.	435	Rel.	98 %	SPI	-2238
Number controls		BV		Milk		Fat	%	Prot.	%
8622				-442		-15	0,02	-19	-0,12
								SCS	3,40
								rank	1052.

Type data	SHA 10/2018	Herds	21 / 9	Daug.	96	77,5	Rel.	88 %	TYPE	0,01
									rank	493.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	1,70									
Angularity	-0,38									
Chest Width	0,01									
Body Depth	0,59									
Rump Angle	1,26									
Rear Legs Side View	3,63									
Foot Angle	-0,52									
Fore Udder Attachment	1,04									
Front Teat Placement	-0,33									
Teat Length	-0,34									
Rear Udder Height	0,29									
Rear Udder Width	0,14									
Central Ligament	-0,69									
Udder Depth	0,74									
Rump Width	1,99									
Rear Legs Rear View	-1,69									
Rear Teat Placement	0,34									
Locomotion	-1,82									
Body Condition	0,80									

daught. average

82,1	Frame	1,64
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75,1	Dairy Strength	-0,23
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76,3	Feet & Legs	-3,08
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77,0	Udder	0,34
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	SHI	-67,1
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rank 718.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
LANCELOT-ET	DE000578194407	09.07.1998	LUS-011
Country of origin	DE	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	20.02.2003
		DE	03/32739

Pedigree

Sire	PGS	ROTHROCK TRADITION LEADMAN
LUKAS	US000001983348	TDN-004
DE001012104370	PGD	EUGENIE 2
	DE001002482030	
Dam	MGS	EMERALD-ACRES-SA TONIC-ET
DINA	US000002074727	CLE-011
DE001015276447	MGD	DIVA 12
	DE001015217660	

Milk production data	SK 10/2018	Herds	23	Daug.	389	Rel.	98 %	SPI	1341
Number controls		BV		Milk		Fat		rank	201.
8490				96		6	0,03	SCS	3,20
						16	0,28	rank	816.

Type data	SHA 10/2018	Herds	42 / 12	Daug.	208	79,9	Rel.	94 %	TYPE	0,00
								rank	494.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,25									
Angularity	-0,99									
Chest Width	0,11									
Body Depth	-0,12									
Rump Angle	0,19									
Rear Legs Side View	-0,18									
Foot Angle	1,24									
Fore Udder Attachment	-0,31									
Front Teat Placement	-0,66									
Teat Length	1,68									
Rear Udder Height	-0,19									
Rear Udder Width	-0,29									
Central Ligament	0,72									
Udder Depth	-0,08									
Rump Width	0,02									
Rear Legs Rear View	-0,53									
Rear Teat Placement	0,46									
Locomotion	-0,80									
Body Condition	0,59									

daught. average

83,3	Frame	0,24
80,0	Dairy Strength	-0,89
81,6	Feet & Legs	0,99
77,1	Udder	-0,41
	SHI	40,5
	rank	296.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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Bull name	Registration number	Birth date	State Register
LASSE P-ET	DE000662992189	27.04.2008	LBO-003
Country of origin	DE	Breed	R100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	13.08.2008
		DE	08/39545

Pedigree

Sire	PGS	DUDOC BACCULUM-ET CA000009104500	ATE-008
AGGRAVATION LAWN BOY P-RED US000133080890	PGD	AGGRAVATION BRIGITTE P-ET US000130237903	
Dam	MGS	POOS STADEL CLASSIC NL000248268086	
CAS MICHAELA DE000662733942	MGD	MICHELLE 38-ET DE000579888325	

Milk production data	SK 10/2018	Herds	4	Daug.	85	Rel.	88 %	SPI	2246
Number controls		BV		Milk	Fat	%	Prot.	%	rank
973				377	17	0,03	20	0,15	SCS
									rank

Type data	SHA 10/2018	Herds	7 / 1	Daug.	22	80,8	Rel.	58 %	TYPE	0,00
									rank	495.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,08									
Angularity	0,17									
Chest Width	-0,24									
Body Depth	-0,49									
Rump Angle	-0,86									
Rear Legs Side View	0,02									
Foot Angle	-0,38									
Fore Udder Attachment	-0,62									
Front Teat Placement	-1,25									
Teat Length	0,51									
Rear Udder Height	0,34									
Rear Udder Width	1,99									
Central Ligament	0,96									
Udder Depth	-0,14									
Rump Width	-0,95									
Rear Legs Rear View	0,18									
Rear Teat Placement	-0,73									
Locomotion	-0,50									
Body Condition	0,24									

daught. average

83,4	Frame	-0,30
80,6	Dairy Strength	-0,28
81,6	Feet & Legs	-0,60
79,5	Udder	0,63
	SHI	67,8
	rank	200.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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Bull name	Registration number	Birth date	State Register
GARJO ELTON GABE-ET	US000002257212	13.05.1994	ELN-001
Country of origin	US	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	19.06.1995
		USA	IG211745E

Pedigree

Sire	PGS	CARLIN-M IVANHOE BELL
EMPRISE BELL ELTON		US000001667366
US000001912270	PGD	MONARCHIAL GLENDELL EFFIE
		US000010248397
Dam	MGS	SINGING-BROOK N-BOY MASCOT-ET
PRAIRIE-BELLE MAS GIN-ET		US000002020049
US000014830011	MGD	HAYSEED ROTATE GAIETY
		US000012893091

Milk production data	SK 10/2018	Herds	22	Daug.	212	Rel.	97 %	SPI	2296
Number controls		BV		Milk		Fat	%	Prot.	%
4481				532	23	0,04	14	-0,05	
								rank	92.
								SCS	3,29
								rank	934.

Type data	SHA 10/2018	Herds	17 / 10	Daug.	57	77,2	Rel.	81 %	TYPE	0,00
									rank	496.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,27									
Angularity	-0,14									
Chest Width	0,69									
Body Depth	-0,55									
Rump Angle	1,26									
Rear Legs Side View	0,10									
Foot Angle	0,72									
Fore Udder Attachment	-0,90									
Front Teat Placement	-0,16									
Teat Length	-0,70									
Rear Udder Height	-0,46									
Rear Udder Width	0,96									
Central Ligament	-1,09									
Udder Depth	-0,95									
Rump Width	0,59									
Rear Legs Rear View	0,37									
Rear Teat Placement	-0,75									
Locomotion	0,85									
Body Condition	-0,44									

daught. average

80,3	Frame	0,39
77,0	Dairy Strength	0,17
77,0	Feet & Legs	0,68
76,1	Udder	-0,40
	SHI	69,3
	rank	196.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
ART-ACRES TESK TOM,ET	US000002175306	04.09.1991	TES-006

Country of origin	US	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	28.05.1992
		USA	IG170578B

Pedigree

Sire	PGS	S-W-D VALIANT
TESK-HOLM VALIANT ROCKIE		US000001650414
US000001841366	PGD	HOUVALE APOLLO GAIL
VAL-016		US000008985852
Dam	MGS	BIS-MAY TRADITION CLEITUS
ART-ACRES CLEITUS TEX B		US000001879085 CLE-003
US0000013493468	MGD	ART-ACRES NED BOY TEX B-ET
		US0000012917769

Milk production data	SK 10/2018	Herds	16	Daug.	115	Rel.	94 %	SPI	-1016
Number controls		BV		Milk		Fat		rank	700.
2394				-262		-3	0,13	SCS	3,92
						-9	-0,02	rank	1266.

Type data	SHA 10/2018	Herds	7 / 5	Daug.	32	76,6	Rel.	71 %	TYPE	-0,00
								rank	497.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,78									
Angularity	-0,70									
Chest Width	1,01									
Body Depth	0,59									
Rump Angle	1,18									
Rear Legs Side View	-0,75									
Foot Angle	0,28									
Fore Udder Attachment	0,19									
Front Teat Placement	-0,88									
Teat Length	-0,54									
Rear Udder Height	-1,15									
Rear Udder Width	-0,82									
Central Ligament	-0,84									
Udder Depth	0,22									
Rump Width	2,32									
Rear Legs Rear View	0,29									
Rear Teat Placement	-0,55									
Locomotion	-0,33									
Body Condition	-0,54									

daught. average	80,7	Frame	1,27
	75,0	Dairy Strength	-0,53
	78,4	Feet & Legs	0,22
	74,6	Udder	-0,68
		SHI	-30,7
		rank	590.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
SANDY-VALLEY BUSHMAN-ET	US000134610106	12.05.2003	SOM-023

Country of origin	US	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	14.04.2004
		US	12680C

Pedigree

Sire	PGS	MAUGHLIN STORM-ET	
COMESTAR STORMATIC-ET		CA000005457798	
CA000006947936	PGD	COMESTAR LAUSAN BLACK	
SOM-006		CA000005319830	
Dam	MGS	MAIZEFIELD BELLWOOD-ET	
RICECREST BWOOD BRIANNE-ET		US000002103297	MEW-004
US000015731228	MGD	RICECREST SOUTHWIND KAYE-ET	
		US000014334791	

Milk production data	SK 10/2018	Herds	8	Daug.	40	Rel.	82 %	SPI	679
Number controls		BV		Milk		Fat	%	Prot.	%
622				168	2	-0,08	6	0,01	SCS
									rank
									...
									rank
									...

Type data	SHA 10/2018	Herds	12 / 3	Daug.	37	80,1	Rel.	71 %	TYPE	-0,00
									rank	498.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,65									
Angularity	0,24									
Chest Width	-2,17									
Body Depth	-1,78									
Rump Angle	-0,82									
Rear Legs Side View	-0,28									
Foot Angle	0,62									
Fore Udder Attachment	0,11									
Front Teat Placement	-0,67									
Teat Length	-0,39									
Rear Udder Height	0,69									
Rear Udder Width	0,47									
Central Ligament	0,61									
Udder Depth	0,31									
Rump Width	-1,35									
Rear Legs Rear View	0,00									
Rear Teat Placement	-0,65									
Locomotion	-0,02									
Body Condition	-1,00									

daught. average

82,5	Frame	-0,48
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78,4	Dairy Strength	-1,54
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81,7	Feet & Legs	0,30
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79,0	Udder	0,89
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	SHI	20,4
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rank 370.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
NET-A-WAY SS PAXTON-RED-ET	US000136878173	15.07.2005	SOM-032
Country of origin	US	Breed	R100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	26.11.2004
		US	M04001045

Pedigree

Sire	PGS	MAUGHLIN STORM-ET
PURSUIT SEPTEMBER STORM-ET		CA000005457798
CA000006820564	PGD	GLEN DRUMMOND SHIMMER-ET
SOM-024		CA000006185591
Dam	MGS	STARKY MERR MARATHON
NET-A-WAY MARTHON PAMONA-ET		US000002272874
US000130691709	MGD	STARSTRUCK J PENNY-RED-ET
		US000017342112

Milk production data	SK 10/2018	Herds	41	Daug.	395	Rel.	97 %	SPI	-891
Number controls		BV		Milk		Fat	%	Prot.	%
6321				-1		-15	-0,29	-7	-0,17
								SCS	2,88
								rank	665.
								rank	402.

Type data	SHA 10/2018	Herds	19 / 8	Daug.	70	80,4	Rel.	80 %	TYPE	-0,00
								rank	499.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,20									
Angularity	0,54									
Chest Width	-0,57									
Body Depth	-0,04									
Rump Angle	0,19									
Rear Legs Side View	-0,41									
Foot Angle	-0,33									
Fore Udder Attachment	-0,47									
Front Teat Placement	0,70									
Teat Length	-1,65									
Rear Udder Height	-0,51									
Rear Udder Width	-0,24									
Central Ligament	0,62									
Udder Depth	0,12									
Rump Width	0,07									
Rear Legs Rear View	0,11									
Rear Teat Placement	0,80									
Locomotion	-0,75									
Body Condition	-0,66									

daught. average

83,0	Frame	-0,18
81,8	Dairy Strength	0,09
81,7	Feet & Legs	-0,22
77,8	Udder	0,21
	SHI	-27,0
	rank	575.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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Bull name	Registration number	Birth date	State Register
SCHILLVIEW ADDISON-ET	US000066069816	02.10.2008	JUX-010
Country of origin	US	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	10.12.2009
		CA	DC245589

Pedigree

Sire	PGS	SUMMERSHADE INQUIRER
BRAEDALE PAGEWIRE-ET		CA000006483076
CA000008641364	PGD	BRAEDALE BALER TWINE-ET
JUX-008		CA000006860888
Dam	MGS	O-BEE MANFRED JUSTICE-ET
SCHILLVIEW OMAN GLISTEN-ET		US000122358313
US000052805706	MGD	SCHILLVIEW MTOTO GIFT-ET
		US000128338287

Milk production data	SK 10/2018	Herds	25	Daug.	258	Rel.	97 %	SPI	1208
Number controls		BV		Milk		Fat	%	Prot.	%
5517				175	10	0,05	11	0,10	SCS
									rank
									235.
									rank
									39.

Type data	SHA 10/2018	Herds	13 / 5	Daug.	43	79,5	Rel.	75 %	TYPE	-0,01
									rank	500.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,67									
Angularity	0,54									
Chest Width	-1,38									
Body Depth	-1,49									
Rump Angle	1,42									
Rear Legs Side View	0,59									
Foot Angle	0,02									
Fore Udder Attachment	1,62									
Front Teat Placement	0,95									
Teat Length	-1,26									
Rear Udder Height	1,59									
Rear Udder Width	-1,06									
Central Ligament	0,18									
Udder Depth	2,44									
Rump Width	-0,70									
Rear Legs Rear View	-1,12									
Rear Teat Placement	0,22									
Locomotion	0,85									
Body Condition	-0,58									

daught. average

82,3	Frame	0,05
80,3	Dairy Strength	-0,84
80,8	Feet & Legs	0,05
77,1	Udder	0,23
	SHI	36,1
	rank	313.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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Bull name	Registration number	Birth date	State Register
MALOYA LONDON-ET	CA000005424987	05.08.1991	ARS-012
Country of origin	CA	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	25.10.1991
		CAN	259739

Pedigree

Sire	PGS	HANOVERHILL STARBUCK
MADAWASKA AEROSTAR		CA000000352790
CA000000383622	PGD	MADAWASKA SHADY
STB-011		CA0000003511527
Dam	MGS	S-W-D VALIANT
COMESTAR LASS VALIANT-ET		US000001650414
CA0000004460530	MGD	ELYSA ANTHONY LEA
		CA0000003628269

Milk production data	SK 10/2018	Herds	21	Daug.	264	Rel.	97 %	SPI	-2141
Number controls		BV		Milk		Fat	%	rank	953.
5557				-269		-15	-0,10	SCS	2,76
						-21	-0,30	rank	248.

Type data	SHA 10/2018	Herds	14 / 5	Daug.	64	77,3	Rel.	82 %	TYPE	-0,01
								rank	501.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,13									
Angularity	-0,56									
Chest Width	0,20									
Body Depth	-1,61									
Rump Angle	-1,28									
Rear Legs Side View	-1,67									
Foot Angle	-1,21									
Fore Udder Attachment	-0,40									
Front Teat Placement	-1,56									
Teat Length	1,42									
Rear Udder Height	0,13									
Rear Udder Width	-0,04									
Central Ligament	0,93									
Udder Depth	0,28									
Rump Width	0,83									
Rear Legs Rear View	1,82									
Rear Teat Placement	0,13									
Locomotion	0,47									
Body Condition	0,64									

daught. average

80,9	Frame	0,24
74,0	Dairy Strength	-0,77
78,5	Feet & Legs	0,46
76,5	Udder	0,04
	SHI	-64,9
	rank	711.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
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Bull name	Registration number	Birth date	State Register
CAMEL BOY	NL000838724419	24.01.1994	MAS-006
Country of origin	NL	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	20.10.1994
		NLD	XXX

Pedigree

Sire	PGS	WHITTIER-FARMS NED BOY
SINGING-BROOK N-BOY MASCOT-ET		US000001806201
US000002020049	PGD	JACKBUILT CHAIRMAN MANDY
NBY-011		US000011356580
Dam	MGS	LUTZ-BROOKVIEW BELL REX-ET
VIR-CLAR CAMEO-ET		US000001875896
US000013436557	MGD	VIR-CLAR MISS CONCORDE-ET
		US000012308028

Milk production data	SK 10/2018	Herds	324	Daug.	4286	Rel.	99 %	SPI	672
Number controls		BV		Milk		Fat	%	Prot.	%
83721				163		10	0,06	3	-0,06
								SCS	2,77
								rank	334.
								rank	272.

Type data	SHA 10/2018	Herds	86 / 41	Daug.	453	77,3	Rel.	97 %	TYPE	-0,01
									rank	502.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,89									
Angularity	-1,04									
Chest Width	1,05									
Body Depth	1,38									
Rump Angle	0,30									
Rear Legs Side View	0,24									
Foot Angle	-1,09									
Fore Udder Attachment	0,01									
Front Teat Placement	0,25									
Teat Length	-0,68									
Rear Udder Height	0,93									
Rear Udder Width	1,67									
Central Ligament	-0,41									
Udder Depth	-0,95									
Rump Width	-0,74									
Rear Legs Rear View	-0,10									
Rear Teat Placement	-0,09									
Locomotion	0,95									
Body Condition	1,41									

daught. average

78,7	Frame	-0,53
76,2	Dairy Strength	-0,33
77,5	Feet & Legs	-0,57
77,1	Udder	0,89
	SHI	19,9
	rank	377.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
BOMAZ DONALD DUCK-ET	US000002141906	25.05.1990	BS-041

Country of origin	US	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	20.11.1990
		USA	IG146846A

Pedigree

Sire	PGS	CAL-CLARK BOARD CHAIRMAN
TO-MAR BLACKSTAR-ET	US000001723741	ADM-008
US000001929410	PGD	TO-MAR WAYNE HAY
CHR-002	US000009804790	
Dam	MGS	WHITTIER-FARMS NED BOY
BOMAZ NED BOY DYNAMIC	US000001806201	
US0000012951453	MGD	BOMAZ VALIANT DAPHNE
	US0000011268394	

Milk production data	SK 10/2018	Herds	31	Daug.	239	Rel.	97 %	SPI	-2467
Number controls		BV		Milk		Fat		rank	1029.
4920				-513		-26	-0,14	SCS	3,34
						-16	-0,01	rank	999.

Type data	SHA 10/2018	Herds	11 / 8	Daug.	28	76,9	Rel.	71 %	TYPE	-0,01
								rank	503.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,82									
Angularity	-0,46									
Chest Width	1,71									
Body Depth	1,27									
Rump Angle	-0,31									
Rear Legs Side View	-0,95									
Foot Angle	-1,39									
Fore Udder Attachment	-0,53									
Front Teat Placement	1,00									
Teat Length	-1,91									
Rear Udder Height	-1,30									
Rear Udder Width	-0,83									
Central Ligament	0,86									
Udder Depth	0,53									
Rump Width	1,76									
Rear Legs Rear View	-0,91									
Rear Teat Placement	1,37									
Locomotion	-0,48									
Body Condition	-1,15									

daught. average

82,1	Frame	1,53
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75,1	Dairy Strength	0,54
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77,7	Feet & Legs	-1,23
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74,9	Udder	-0,47
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	SHI	-74,9
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rank 748.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
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Bull name	Registration number	Birth date	State Register
BARNKAMPER SUPPORT	NL000343990114	13.07.2002	PAT-003

Country of origin	NL	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	NL 505836

Pedigree

Sire	PGS	BRABANT STAR PATRON-ET
BULLCREST PATRON SABRE	US000002160458	BS-034
US000017253930	PGD	BULLCREST 845 ROEBUCK 1235
	US000015330466	
Dam	MGS	NEWHOUSE RONALD
BARNKAMPER MARILYN 27	NL000777430664	
NL000222773324	MGD	BARNKAMPER MARILYN 5
	NL000199057513	

Milk production data	SK 10/2018	Herds	5	Daug.	48	Rel.	88 %	SPI	-995
Number controls		BV		Milk		Fat		%	Prot. %
945				-343		-6		0,12	-5 0,12
								SCS	3,65
								rank	...
								rank	...

Type data	SHA 10/2018	Herds	9 / 2	Daug.	42	79,7	Rel.	74 %	TYPE	-0,02
									rank	504.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,02									
Angularity	-0,89									
Chest Width	0,89									
Body Depth	-0,68									
Rump Angle	2,02									
Rear Legs Side View	0,55									
Foot Angle	-0,41									
Fore Udder Attachment	0,45									
Front Teat Placement	-0,60									
Teat Length	0,22									
Rear Udder Height	0,04									
Rear Udder Width	-0,39									
Central Ligament	2,53									
Udder Depth	-0,43									
Rump Width	1,70									
Rear Legs Rear View	1,30									
Rear Teat Placement	1,94									
Locomotion	0,22									
Body Condition	0,35									

daught. average

81,8	Frame	0,29
79,4	Dairy Strength	-0,87
80,9	Feet & Legs	-0,23
78,3	Udder	0,32
	SHI	-30,7
	rank	589.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
ELEK	HU00008344SR11	15.07.1984	ELK-001
Country of origin	HU	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	

Pedigree

Sire	PGS	ROUND OAK RAG APPLE ELEVATION
ELEK		US000001491007
HU000000006008	PGD	WAEFAIR MARK VIVA
		CA000002314435
Dam	MGS	KINGSTEAD WHITE ROCK
834.BIBE		US000001545281
HU00004758SR11	MGD	475.BIBE
		HU000105514111

Milk production data	SK 10/2018	Herds	62	Daug.	879	Rel.	99 %	SPI	-3322
Number controls		BV		Milk		Fat		rank	1206.
17678				-772		-25	0,10	SCS	3,15
						-25	-0,02	rank	749.

Type data	SHA 10/2018	Herds	7 / 5	Daug.	52	75,2	Rel.	76 %	TYPE	-0,02
								rank	505.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-1,22									
Angularity	0,41									
Chest Width	1,17									
Body Depth	-0,35									
Rump Angle	0,14									
Rear Legs Side View	0,08									
Foot Angle	0,78									
Fore Udder Attachment	0,28									
Front Teat Placement	-1,41									
Teat Length	0,05									
Rear Udder Height	-0,59									
Rear Udder Width	0,46									
Central Ligament	-0,26									
Udder Depth	-0,82									
Rump Width	0,41									
Rear Legs Rear View	0,80									
Rear Teat Placement	-1,20									
Locomotion	-0,41									
Body Condition	1,53									

daught. average

72,4	Frame	-0,76
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74,2	Dairy Strength	1,24
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76,7	Feet & Legs	0,84
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76,3	Udder	-0,48
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	SHI	-100,8
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rank 803.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
EM-JO GINGO	CZ000114490761	08.09.2002	MNL-017

Country of origin	CZ	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	13.03.2003
		CSK	39503

Pedigree

Sire	PGS	LUTZ-MEADOWS E MANDEL-ET
RICECREST MARSHALL-ET		US000002119526
US000002297473	PGD	RICECREST SOUTHWIND KAYE-ET
MNL-007		US000014334791
Dam	MGS	BRABANT STAR PATRON-ET
OSTRETIN ALEXIS		US000002160458
CZ000068863502	MGD	DE001021359487
		BS-034

Milk production data	SK 10/2018	Herds	24	Daug.	80	Rel.	91 %	SPI	-1660
Number controls		BV		Milk	Fat	%	Prot.	%	rank
1515				-234	-26	-0,34	-1	-0,07	SCS
									rank
									850.
									194.

Type data	SHA 10/2018	Herds	6 / 4	Daug.	22	77,9	Rel.	65 %	TYPE	-0,02
									rank	506.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,27									
Angularity	-0,08									
Chest Width	0,14									
Body Depth	0,16									
Rump Angle	-2,48									
Rear Legs Side View	0,29									
Foot Angle	-0,73									
Fore Udder Attachment	1,76									
Front Teat Placement	0,34									
Teat Length	2,30									
Rear Udder Height	0,03									
Rear Udder Width	-0,67									
Central Ligament	0,66									
Udder Depth	0,97									
Rump Width	-0,60									
Rear Legs Rear View	-0,55									
Rear Teat Placement	1,08									
Locomotion	0,07									
Body Condition	0,66									

daught. average

81,2	Frame	-0,25
77,9	Dairy Strength	-0,01
76,7	Feet & Legs	-0,77
76,7	Udder	0,67
	SHI	-50,9
	rank	670.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
LOYAL ET	DE000015206217	14.11.1991	LAD-001
Country of origin	DE	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	02.09.1992
		DEU	92/10324

Pedigree

Sire	PGS	SWEET-HAVEN TRADITION
ROTHROCK TRADITION LEADMAN		US000001682485
US000001983348	PGD	WALKUP VALIANT LOU ELLA
TDN-004		US000010930744
Dam	MGS	LUTZ-BROOKVIEW MARVEL-ET
SANTAMARIA		US000001876350
DE000015117359	MGD	MANI
		DE000013177126

Milk production data	SK 10/2018	Herds	135	Daug.	904	Rel.	99 %	SPI	-3265
Number controls		BV		Milk		Fat	%	rank	1190.
18101				-762		-27	0,03	SCS	2,49
								rank	80.

Type data	SHA 10/2018	Herds	15 / 11	Daug.	60	76,4	Rel.	86 %	TYPE	-0,02
								rank	507.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,27									
Angularity	-0,03									
Chest Width	1,32									
Body Depth	0,44									
Rump Angle	-0,89									
Rear Legs Side View	-1,56									
Foot Angle	-1,14									
Fore Udder Attachment	-1,06									
Front Teat Placement	-0,78									
Teat Length	1,23									
Rear Udder Height	-0,88									
Rear Udder Width	-1,39									
Central Ligament	0,94									
Udder Depth	-0,18									
Rump Width	0,77									
Rear Legs Rear View	0,06									
Rear Teat Placement	-0,56									
Locomotion	-0,86									
Body Condition	0,91									

daught. average

77,8	Frame	0,21
75,0	Dairy Strength	1,35
76,9	Feet & Legs	-0,49
76,0	Udder	-0,42
	SHI	-99,3
	rank	799.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
BRILLO-ET	DE000348052844	30.01.2004	BRK-001
Country of origin	DE	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	01.06.2004
		DE	04/36837

Pedigree

Sire	PGS	ETAZON TRINITY
IJSSELVLIEDT BREAKOUT		NL000799308206
NL000235387929	PGD	IJSSELVLIEDT ROZA 121
		NL000171684052
Dam	MGS	PREVAL
HOLYDAY		DE000108668889
DE000344399333	MGD	HOLDE
		DE000341803487

Milk production data	SK 10/2018	Herds	49	Daug.	802	Rel.	99 %	SPI	943
Number controls		BV		Milk		Fat	%	rank	289.
13833				-144		19	0,45	SCS	3,24
						10	0,32	rank	870.

Type data	SHA 10/2018	Herds	16 / 8	Daug.	94	80,0	Rel.	85 %	TYPE	-0,02
								rank	508.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,37									
Angularity	1,06									
Chest Width	-1,33									
Body Depth	0,11									
Rump Angle	0,48									
Rear Legs Side View	1,56									
Foot Angle	-1,13									
Fore Udder Attachment	-0,36									
Front Teat Placement	0,57									
Teat Length	-0,49									
Rear Udder Height	0,97									
Rear Udder Width	1,97									
Central Ligament	0,25									
Udder Depth	-0,57									
Rump Width	-0,64									
Rear Legs Rear View	-1,23									
Rear Teat Placement	0,54									
Locomotion	-0,64									
Body Condition	-0,93									

daught. average

83,9	Frame	0,06
81,3	Dairy Strength	0,53
80,2	Feet & Legs	-2,08
77,2	Udder	0,77
	SHI	27,5
	rank	333.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
PIRANESI	FR002942732978	25.06.1999	MAS-015
Country of origin	FR	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	15.02.2002
		FRA	GS758362

Pedigree

Sire	PGS	SINGING-BROOK N-BOY MASCOT-ET
HAIRY BREIZ		US000002020049
FR002292002618	PGD	DAIRY BREI
		FR003588026831
Dam	MGS	MAIZEFIELD BELLWOOD-ET
LARA		US000002103297
FR002995050611	MGD	HOURRA ELA
		FR002992000541

Milk production data	SK 10/2018	Herds	39	Daug.	93	Rel.	92 %	SPI	52
Number controls		BV		Milk		Fat		rank	452.
2063				74		1	-0,04	SCS	2,97
								rank	520.

Type data	SHA 10/2018	Herds	14 / 7	Daug.	20	78,6	Rel.	60 %	TYPE	-0,02
								rank	509.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,25									
Angularity	-0,99									
Chest Width	0,58									
Body Depth	0,69									
Rump Angle	-0,56									
Rear Legs Side View	-0,22									
Foot Angle	1,77									
Fore Udder Attachment	-0,75									
Front Teat Placement	-1,11									
Teat Length	1,06									
Rear Udder Height	-0,12									
Rear Udder Width	0,05									
Central Ligament	0,56									
Udder Depth	-0,70									
Rump Width	-0,18									
Rear Legs Rear View	0,52									
Rear Teat Placement	-1,75									
Locomotion	-0,00									
Body Condition	0,96									

daught. average

79,9	Frame	0,05
78,2	Dairy Strength	-0,64
79,9	Feet & Legs	0,80
77,2	Udder	-0,51
	SHI	0,6
	rank	462.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
EMERALD-ACR-SA T-DAWSON-ET	US000124003312	28.04.1998	DED-003
Country of origin	US	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	11.04.2003
		USA	568454

Pedigree

Sire	PGS	ROTHROCK TRADITION LEADMAN
PAULO-BRO RTL DEMAND TCG-ET	US000001983348	TDN-004
US000002193272	PGD	PAULO-BRO MARK DELIGHT 3206-ET
	US000012798676	
Dam	MGS	BIS-MAY S-E-L MOUNTAIN-ET
EMERALD-ACR-SA TANNICE	US000002070579	RAY-002
US000015749298	MGD	EMERALD-ACR-SA TANNA-ET
	US000014930499	

Milk production data	SK 10/2018	Herds	4	Daug.	42	Rel.	88 %	SPI	2300
Number controls		BV		Milk	Fat	%	Prot.	%	rank
915				487	20	0,01	17	0,03	SCS
									rank

Type data	SHA 10/2018	Herds	8 / 2	Daug.	37	78,3	Rel.	72 %	TYPE	-0,03
									rank	510.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,76									
Angularity	0,17									
Chest Width	0,21									
Body Depth	-2,09									
Rump Angle	0,31									
Rear Legs Side View	-0,05									
Foot Angle	1,21									
Fore Udder Attachment	0,93									
Front Teat Placement	-0,57									
Teat Length	-0,76									
Rear Udder Height	1,71									
Rear Udder Width	-0,34									
Central Ligament	0,04									
Udder Depth	2,25									
Rump Width	0,67									
Rear Legs Rear View	-0,40									
Rear Teat Placement	0,39									
Locomotion	-1,03									
Body Condition	-0,09									

daught. average

79,5	Frame	-0,65
78,1	Dairy Strength	-0,59
77,5	Feet & Legs	0,31
78,1	Udder	0,60
	SHI	68,1
	rank	199.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
LHARDYS	FR005995026637	20.11.1995	MNL-011
Country of origin	FR	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	22.07.1997
		GBR	96020173.1

Pedigree

Sire	PGS	EXELS S-W-D EAGLE
LUTZ-MEADOWS E MANDEL-ET		US000001858047
US000002119526	PGD	LUTZ-MEADOWS MARK MEDLEY-ET
		US000012593031
Dam	MGS	MADAWASKA AEROSTAR
HARDYS AEROSTAR TWILIGHT-ET		CA000000383622
US000014557960	MGD	HARDYS ROYALTY TAMARA-ET
		US000013097249

Milk production data	SK 10/2018	Herds	149	Daug.	3177	Rel.	99 %	SPI	158
Number controls		BV		Milk		Fat	%	rank	431.
64884				151		-9	-0,28	3	-0,04
								SCS	2,71
								rank	208.

Type data	SHA 10/2018	Herds	154 / 41	Daug.	1026	78,6	Rel.	99 %	TYPE	-0,03
								rank	511.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,33									
Angularity	0,62									
Chest Width	0,15									
Body Depth	0,46									
Rump Angle	-1,48									
Rear Legs Side View	-0,46									
Foot Angle	1,45									
Fore Udder Attachment	0,34									
Front Teat Placement	0,45									
Teat Length	2,03									
Rear Udder Height	-1,45									
Rear Udder Width	-1,29									
Central Ligament	-0,61									
Udder Depth	-0,74									
Rump Width	1,57									
Rear Legs Rear View	0,84									
Rear Teat Placement	0,69									
Locomotion	1,55									
Body Condition	-0,02									

daught. average

81,5	Frame	-0,12
79,5	Dairy Strength	1,08
79,5	Feet & Legs	2,27
76,2	Udder	-1,33
	SHI	3,4
	rank	452.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
COLLINS-PRIDE TS JERMIAH-ET	US000138840714	28.12.2006	BW-059

Country of origin	US	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	14.03.2008
		US	M08036771

Pedigree

Sire	PGS	MARA-THON BW MARSHALL-ET TV
JENNY-LOU MRSHL TOYSTORY-ET		US000002290977
US000060372887	PGD	JENNY-LOU PATRON TOYANE
BW-053		US000017313307
Dam	MGS	STARTMORE RUDOLPH-ET
COLLINS-PRIDE RUDOLH JASPER		CA000005470579
US000121405722	MGD	COLLINS-PRIDE B-TONE JASMAN
		US000015890224

Milk production data	SK 10/2018	Herds	6	Daug.	117	Rel.	88 %	SPI	-100
Number controls		BV		Milk		Fat		rank	...
601				-50		-1	0,01	Prot.	0,02
								SCS	2,58
								rank	...

Type data	SHA 10/2018	Herds	10 / 3	Daug.	50	80,8	Rel.	75 %	TYPE	-0,03
								rank	512.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,07									
Angularity	0,65									
Chest Width	-0,89									
Body Depth	0,26									
Rump Angle	-0,80									
Rear Legs Side View	0,30									
Foot Angle	-0,07									
Fore Udder Attachment	0,87									
Front Teat Placement	0,32									
Teat Length	0,06									
Rear Udder Height	0,44									
Rear Udder Width	-0,54									
Central Ligament	-0,46									
Udder Depth	0,67									
Rump Width	-0,70									
Rear Legs Rear View	-0,10									
Rear Teat Placement	0,95									
Locomotion	-0,77									
Body Condition	-0,93									

daught. average	84,2	Frame	-0,29
	81,5	Dairy Strength	0,25
	82,6	Feet & Legs	-0,22
	77,9	Udder	0,06
		SHI	-4,4
		rank	481.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
SLEEPY	DE000533467428	28.09.2000	MNA-005
Country of origin	DE	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	27.10.2000
		DEU	00/12521

Pedigree

Sire	PGS	BIS-MAY S-E-L MOUNTAIN-ET
ETAZON SLOGAN	US000002070579	RAY-002
NL000140915217	PGD	TIDY-BROOK ELTON STEPH-ET
	US000014080279	
Dam	MGS	DIXELLEN DESIGN
CINDEREL90	CA000005335690	ARS-014
DE000532478203	MGD	CAMPIO 2
	DE000730507804	

Milk production data	SK 10/2018	Herds	45	Daug.	131	Rel.	94 %	SPI	-1341
Number controls		BV		Milk		Fat		rank	764.
2682				-450		-1	0,13	SCS	3,10
								rank	691.

Type data	SHA 10/2018	Herds	8 / 7	Daug.	18	77,5	Rel.	55 %	TYPE	-0,04
								rank	513.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,83									
Angularity	0,11									
Chest Width	-0,33									
Body Depth	0,37									
Rump Angle	2,08									
Rear Legs Side View	0,14									
Foot Angle	-1,36									
Fore Udder Attachment	-0,44									
Front Teat Placement	0,28									
Teat Length	-1,96									
Rear Udder Height	0,24									
Rear Udder Width	0,39									
Central Ligament	-1,81									
Udder Depth	0,43									
Rump Width	-0,03									
Rear Legs Rear View	-0,46									
Rear Teat Placement	0,17									
Locomotion	0,32									
Body Condition	0,52									

daught. average

80,8 **Frame** **0,88**

78,6 **Dairy Strength** **0,04**

77,0 **Feet & Legs** **-0,26**

75,6 **Udder** **-0,24**

SHI **-41,9**

rank 639.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
CAPS MALIBOE-ET	NL000714077035	29.09.2013	OBS-002
Country of origin	NL	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	30.04.2014
		DE	14/8066

Pedigree

Sire	PGS	DE-SU OBSERVER-ET
FARNEAR-TBR-BH CASHCOIN-ET		US000065917481
US000070354884	PGD	MS CHASSITY GOLDWYN CASH-ET
		US000140175910
Dam	MGS	KED OUTSIDE JEEVES-ET
CAPS MAIRY 14		US000134438230
NL000569274188	MGD	CAPS MAIRY 4
		NL000430270273

Milk production data	SK 10/2018	Herds	12	Daug.	219	Rel.	94 %	SPI	2146
Number controls		BV		Milk	Fat	%	Prot.	%	rank
1241				574	14	-0,15	15	-0,06	SCS
									rank
									106.
									2,33
									rank
									31.

Type data	SHA 10/2018	Herds	7 / 5	Daug.	25	81,0	Rel.	57 %	TYPE	-0,04
									rank	514.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,18									
Angularity	0,10									
Chest Width	0,15									
Body Depth	-1,24									
Rump Angle	0,09									
Rear Legs Side View	-0,23									
Foot Angle	-0,27									
Fore Udder Attachment	1,25									
Front Teat Placement	-0,14									
Teat Length	-0,70									
Rear Udder Height	-0,54									
Rear Udder Width	-1,04									
Central Ligament	-0,00									
Udder Depth	1,59									
Rump Width	-0,14									
Rear Legs Rear View	-1,22									
Rear Teat Placement	-0,03									
Locomotion	0,74									
Body Condition	0,33									

daught. average

84,2	Frame	0,25
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79,3	Dairy Strength	-0,85
------	-----------------------	--------------

81,5	Feet & Legs	0,31
------	------------------------	-------------

80,1	Udder	0,03
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	SHI	63,2
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rank 218.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
AMELDIN II PONTIAC HUNTER-323	US000002094527	07.03.1989	PTC-010
Country of origin		Breed	H100
Distributor		Herdbook	HA
		Paternity	

Pedigree

Sire	PGS	CARLIN-M IVANHOE BELL US000001667366
ART ACRES BELL PONTIAC-ET US000001878472 PTC-001	PGD	ART-ACRES ELEVATION KAY US000008733981
Dam	MGS	ARLINDA ROTATE US000001697572
FAIR-HILL ROTATE HONEY-ET US000012680667	MGD	DUNREG MARS LISA HEAVEN US000010946207

Milk production data	SK 10/2018	Herds	13	Daug.	65	Rel.	93 %	SPI	1490
Number controls		BV		Milk	Fat	%	Prot.	%	rank
1333				534	13	-0,14	6	-0,21	rank
									174.
								SCS	3,29
									rank
									933.

Type data	SHA 10/2018	Herds	5 / 4	Daug.	19	78,2	Rel.	73 %	TYPE	-0,04
									rank	515.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	1,03									
Angularity	-0,47									
Chest Width	0,36									
Body Depth	0,38									
Rump Angle	-1,02									
Rear Legs Side View	-0,05									
Foot Angle	1,01									
Fore Udder Attachment	0,83									
Front Teat Placement	-0,09									
Teat Length	0,65									
Rear Udder Height	-1,28									
Rear Udder Width	-1,57									
Central Ligament	1,15									
Udder Depth	0,82									
Rump Width	-2,13									
Rear Legs Rear View	0,85									
Rear Teat Placement	-0,42									
Locomotion	0,33									
Body Condition	-0,30									

daught. average

83,1	Frame	0,86
75,8	Dairy Strength	-0,58
78,8	Feet & Legs	0,59
76,9	Udder	-0,46
	SHI	43,3
	rank	285.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
COMESTAR LEADER-ET	CA00005319769	01.11.1990	BS-027

Country of origin	CA	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	14.05.1991
		CAN	247067

Pedigree

Sire	PGS	CAL-CLARK BOARD CHAIRMAN
TO-MAR BLACKSTAR-ET		US000001723741
US000001929410	PGD	TO-MAR WAYNE HAY
CHR-002		US000009804790
Dam	MGS	PUGET-SOUND SHEIK
COMESTAR LAURIE SHEIK-ET		CA000000327279
CA000004425038	MGD	ELYSA ANTHONY LEA
		CA000003628269

Milk production data	SK 10/2018	Herds	52	Daug.	371	Rel.	98 %	SPI	-645
Number controls		BV		Milk		Fat	%	rank	604.
7767				-128		-8	-0,07	SCS	2,98
						-4	-0,00	rank	532.

Type data	SHA 10/2018	Herds	29 / 13	Daug.	157	77,4	Rel.	91 %	TYPE	-0,04
								rank	516.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,54									
Angularity	0,63									
Chest Width	-0,02									
Body Depth	1,16									
Rump Angle	-0,24									
Rear Legs Side View	-1,48									
Foot Angle	-0,49									
Fore Udder Attachment	-0,62									
Front Teat Placement	0,22									
Teat Length	-1,50									
Rear Udder Height	0,26									
Rear Udder Width	0,22									
Central Ligament	0,80									
Udder Depth	-0,49									
Rump Width	0,85									
Rear Legs Rear View	-0,73									
Rear Teat Placement	-0,52									
Locomotion	-1,66									
Body Condition	0,15									

daught. average	79,3	Frame	-0,23
	77,4	Dairy Strength	1,21
	77,0	Feet & Legs	-1,10
	76,8	Udder	0,16
		SHI	-21,1
		rank	556.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
LUCKY MIKE	NL000255749372	22.01.1999	LEO-005

Country of origin	NL	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	30.12.1999
		NL	46156

Pedigree

Sire	PGS	PEN SPRING MR C (UGELA BELL)
FRANKENHOF LUCKY LEO		US000001920807
NL000777133097	PGD	LENORA 2
		NL000509257011
Dam	MGS	ETAZON CELSIUS-ET
BEETSTER CEL J ALBERTJE		NL000460508522
NL000202437378	MGD	JABOT ALBERTJE
		NL000142232079

Milk production data	SK 10/2018	Herds	36	Daug.	724	Rel.	99 %	SPI	324
Number controls		BV		Milk		Fat	%	Prot.	%
15068				-28	0	0,01	6	0,14	
								SCS	3,42
								rank	1075.

Type data	SHA 10/2018	Herds	27 / 10	Daug.	233	79,9	Rel.	93 %	TYPE	-0,05
									rank	517.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,65									
Angularity	-0,13									
Chest Width	-1,31									
Body Depth	-0,42									
Rump Angle	0,38									
Rear Legs Side View	0,00									
Foot Angle	-0,10									
Fore Udder Attachment	0,93									
Front Teat Placement	0,99									
Teat Length	-0,18									
Rear Udder Height	0,10									
Rear Udder Width	-0,13									
Central Ligament	-0,85									
Udder Depth	0,53									
Rump Width	-1,42									
Rear Legs Rear View	2,78									
Rear Teat Placement	0,83									
Locomotion	-0,90									
Body Condition	-0,69									

daught. average

83,5	Frame	0,21
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80,2	Dairy Strength	-0,79
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80,8	Feet & Legs	-0,01
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77,6	Udder	0,22
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	SHI	7,8
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rank 436.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
MACOP-ET	DE001302490894	26.03.2005	BW-024
Country of origin	DE	Breed	R100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	30.05.2005
		DE	05/2684

Pedigree

Sire	PGS	MARA-THON BW MARSHALL-ET TV
B-HIDDENHILLS MAR MARMAX-ET		US000002290977
US000126853007	PGD	NEYER MOMENTUM MAXY-ET
BW-034		US000015361293
Dam	MGS	LENTINI-ET
BT. BEA		DE001012337003
DE001301516080	MGD	BEAUTY
		DE001300074693

Milk production data	SK 10/2018	Herds	19	Daug.	77	Rel.	92 %	SPI	-1258
Number controls		BV		Milk	Fat	%	Prot.	%	rank
1223				-253	-18	-0,18	-6	0,03	SCS
									rank
									746.
									207.

Type data	SHA 10/2018	Herds	10 / 7	Daug.	38	77,5	Rel.	72 %	TYPE	-0,05
									rank	518.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	1,17									
Angularity	-0,85									
Chest Width	1,65									
Body Depth	1,20									
Rump Angle	-0,19									
Rear Legs Side View	0,59									
Foot Angle	1,18									
Fore Udder Attachment	-0,21									
Front Teat Placement	-0,37									
Teat Length	1,23									
Rear Udder Height	-0,82									
Rear Udder Width	-1,27									
Central Ligament	-1,67									
Udder Depth	-0,28									
Rump Width	1,73									
Rear Legs Rear View	-0,66									
Rear Teat Placement	-0,44									
Locomotion	-0,58									
Body Condition	0,68									

daught. average

83,6	Frame	1,75
78,7	Dairy Strength	0,28
77,6	Feet & Legs	0,46
73,9	Udder	-1,60
	SHI	-39,9
	rank	632.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
MEDZICILIZIE ZEBO TONG-ET	SK00000031853	06.05.1997	ZEB-001
Country of origin SK		Breed	H100
Distributor		Herdbook	HA
		Paternity	

Pedigree

Sire	PGS	ARLINDA MELWOOD-ET
ZIELLAND ZEBO		US000001879149
US000002137511	PGD	ZIELLAND FUTURE HANNAH
MEW-003		US000012630224
Dam	MGS	NORRIELAKE CLEITUS LUKE-TWIN
		US000002071864 CLE-005
SK000046801823	MGD	GREEN-VALE SECRET LORNA-ET
		US000013589093

Milk production data	SK 10/2018	Herds 88	Daug. 672	Rel. 99 %	SPI	-511
Number controls	BV	Milk	Fat	%	Prot.	%
13407		-106	-8	-0,09	-2	0,02
					SCS	3,18
					rank	572.
					rank	795.

Type data	SHA 10/2018	Herds 24 / 15	Daug. 66	77,8	Rel. 80 %	TYPE	-0,05
						rank	519.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,42									
Angularity	0,17									
Chest Width	-0,33									
Body Depth	-0,13									
Rump Angle	0,90									
Rear Legs Side View	0,09									
Foot Angle	2,00									
Fore Udder Attachment	-0,81									
Front Teat Placement	-0,80									
Teat Length	0,72									
Rear Udder Height	-0,68									
Rear Udder Width	-1,69									
Central Ligament	0,44									
Udder Depth	-0,87									
Rump Width	-1,27									
Rear Legs Rear View	1,01									
Rear Teat Placement	-1,07									
Locomotion	-1,35									
Body Condition	-0,03									

daught. average

79,7	Frame	0,13
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77,9	Dairy Strength	0,09
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78,4	Feet & Legs	1,17
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76,4	Udder	-0,84
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	SHI	-17,4
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rank 543.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
V GOTTORP	DK000000245165	02.02.2001	LEP-005

Country of origin	DK	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	01.02.2002
		DK	230543

Pedigree

Sire	PGS	HALDREY LEADERSHIP
RICHESSÉ STONEHAM-ET		CA000000397763
CA000006264421	PGD	GOLOISE STORA JUBILANT
LEP-004		CA000004766707
Dam	MGS	LUKAS
ASLUNDGAARD LUKAS MONETTE		DE001012104370
DK005126000807	MGD	DK005126000644

Milk production data	SK 10/2018	Herds	6	Daug.	68	Rel.	88 %	SPI	-2331
Number controls		BV		Milk		Fat	%	Prot.	%
989				-923		-8	0,60	-13	0,40
								SCS	3,31
								rank	...
								rank	...

Type data	SHA 10/2018	Herds	5 / 1	Daug.	33	79,0	Rel.	69 %	TYPE	-0,05
									rank	520.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,61									
Angularity	-0,47									
Chest Width	0,30									
Body Depth	0,86									
Rump Angle	-2,69									
Rear Legs Side View	0,32									
Foot Angle	0,64									
Fore Udder Attachment	-0,65									
Front Teat Placement	0,77									
Teat Length	-0,79									
Rear Udder Height	-0,95									
Rear Udder Width	-1,10									
Central Ligament	1,36									
Udder Depth	0,26									
Rump Width	0,20									
Rear Legs Rear View	-1,07									
Rear Teat Placement	0,77									
Locomotion	-0,31									
Body Condition	-0,03									

daught. average

82,8	Frame	0,40
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78,7	Dairy Strength	-0,13
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79,1	Feet & Legs	0,25
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77,2	Udder	-0,49
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	SHI	-72,4
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rank 741.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
MAINSTREAM PROSPECT-ET	US000129076681	17.07.1999	WIT-005
Country of origin	US	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	23.03.2004
		USA	IMMGN 6529E

Pedigree

Sire

LADYS-MANOR WINCHESTER-ET
US000002205082

PGS

MADAWASKA AEROSTAR
CA000000383622

STB-011

PGD

LADYS-MANOR TOP GUN JEMINI-ET
US000013586096

Dam

LOOSLEA PATRON PAULA-ET
US000017321982

MGS

BRABANT STAR PATRON-ET
US000002160458

BS-034

MGD

LOOSLEA AEROSTAR LORRI-ET
US000014734188

Milk production data

SK 10/2018

Herds **52**

Daug. **929**

Rel. **99 %**

SPI

687

Number controls

BV

Milk

Fat

%

Prot.

%

rank

331.

18217

337

-2

-0,27

4

-0,13

SCS

3,69

rank

1225.

Type data

SHA 10/2018

Herds **63 / 17**

Daug. **344**

79,0

Rel. **96 %**

TYPE

-0,05

rank

521.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,46									
Angularity	2,13									
Chest Width	-2,96									
Body Depth	-1,92									
Rump Angle	1,65									
Rear Legs Side View	0,87									
Foot Angle	-1,84									
Fore Udder Attachment	-0,14									
Front Teat Placement	0,22									
Teat Length	-1,16									
Rear Udder Height	1,66									
Rear Udder Width	1,55									
Central Ligament	0,68									
Udder Depth	-0,08									
Rump Width	-1,81									
Rear Legs Rear View	0,08									
Rear Teat Placement	1,71									
Locomotion	-0,66									
Body Condition	-1,92									

daught. average

81,5

Frame

-0,59

79,4

Dairy Strength

0,37

77,8

Feet & Legs

-2,01

78,1

Udder

1,04

SHI

18,6

rank

380.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
LEOPOLD-ET	LU000898172058	15.12.2000	LU-026
Country of origin	LU	Breed	R100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	19.11.2001
		DE	01/12963

Pedigree

Sire	PGS	NORRIELAKE CLEITUS LUKE-TWIN
LENTINI-ET		US000002071864
DE001012337003	PGD	CLE-005
		LOOSLEA BLK STAR MONIQUE-ET
		US000014122737
Dam	MGS	BROOKNOOK MILESTONE-ET RED
STBVQ MILESTONE ROSA		CA000000400985
LU000098023381	MGD	HANOVERHILL STAR ROYAL ET
		CA000004323541

Milk production data	SK 10/2018	Herds	53	Daug.	754	Rel.	99 %	SPI	-5489
Number controls		BV		Milk		Fat	%	rank	1332.
13652				-1390		-50	0,06	SCS	2,93
						-34	0,26	rank	464.

Type data	SHA 10/2018	Herds	18 / 7	Daug.	106	77,6	Rel.	88 %	TYPE	-0,05
								rank	522.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,48									
Angularity	-1,51									
Chest Width	1,07									
Body Depth	0,10									
Rump Angle	-0,53									
Rear Legs Side View	-0,90									
Foot Angle	0,27									
Fore Udder Attachment	0,70									
Front Teat Placement	-0,29									
Teat Length	-0,30									
Rear Udder Height	-0,19									
Rear Udder Width	-0,94									
Central Ligament	-0,92									
Udder Depth	1,60									
Rump Width	2,23									
Rear Legs Rear View	-0,23									
Rear Teat Placement	-1,11									
Locomotion	-0,56									
Body Condition	2,59									

daught. average

81,8	Frame	0,82
77,3	Dairy Strength	-1,27
77,5	Feet & Legs	-0,01
75,7	Udder	-0,14
	SHI	-167,7
	rank	865.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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Bull name	Registration number	Birth date	State Register
LEFT-MAC CHIEF BELL,BOY	US000002115373	29.09.1989	WLK-026
Country of origin	US	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	20.07.1990
		USA	IG142021E

Pedigree

Sire	PGS	PAWNEE FARM ARLINDA CHIEF
WALKWAY CHIEF MARK		US000001427381
US000001773417	PGD	WALKWAY MATT MAMIE
		US000008309147
Dam	MGS	WHITTIER-FARMS NED BOY
LEFT-MAC ROSEBUD		US000001806201
US0000013030549	MGD	LEFT-MAC LENA BELL
		US0000011336438

Milk production data	SK 10/2018	Herds	55	Daug.	514	Rel.	99 %	SPI	-276
Number controls		BV		Milk		Prot.		rank	516.
10772				-28	1	0,04	-4	SCS	3,08
								rank	666.

Type data	SHA 10/2018	Herds	41 / 19	Daug.	152	76,5	Rel.	91 %	TYPE	-0,05
								rank	523.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,34									
Angularity	-0,26									
Chest Width	1,31									
Body Depth	1,60									
Rump Angle	0,96									
Rear Legs Side View	-0,22									
Foot Angle	-0,10									
Fore Udder Attachment	-0,54									
Front Teat Placement	-1,54									
Teat Length	0,43									
Rear Udder Height	-0,36									
Rear Udder Width	-0,60									
Central Ligament	0,16									
Udder Depth	-0,11									
Rump Width	2,44									
Rear Legs Rear View	-0,44									
Rear Teat Placement	0,34									
Locomotion	0,39									
Body Condition	0,33									

daught. average

79,2	Frame	0,41
74,8	Dairy Strength	0,64
76,8	Feet & Legs	-0,35
75,8	Udder	-0,53
	SHI	-10,5
	rank	509.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
ZIELLAND ZEBO	US000002137511	01.08.1989	MEW-003
Country of origin	US	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	..

Pedigree

Sire	PGS	ARLINDA ROTATE
ARLINDA MELWOOD-ET		US000001697572
US000001879149	PGD	ARLINDA COMBI MELODY
		US000009311697
Dam	MGS	ZIELLAND FAST FUTURE
ZIELLAND FUTURE HANNAH		US000001984153
US0000012630224	MGD	ZIELLAND JUNIPER JENNY
		US0000011884728

Milk production data	SK 10/2018	Herds	37	Daug.	181	Rel.	97 %	SPI	1753
Number controls		BV		Milk		Fat	%	Prot.	%
3765				448	20	0,04	9	-0,10	SCS
									rank
									146.
									rank
									335.

Type data	SHA 10/2018	Herds	25 / 16	Daug.	48	77,6	Rel.	83 %	TYPE	-0,06
									rank	524.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,15									
Angularity	0,38									
Chest Width	-1,31									
Body Depth	1,25									
Rump Angle	-0,28									
Rear Legs Side View	2,28									
Foot Angle	2,66									
Fore Udder Attachment	-0,72									
Front Teat Placement	-1,75									
Teat Length	0,16									
Rear Udder Height	-0,06									
Rear Udder Width	-0,89									
Central Ligament	0,11									
Udder Depth	-0,60									
Rump Width	0,01									
Rear Legs Rear View	-0,22									
Rear Teat Placement	-0,69									
Locomotion	-1,40									
Body Condition	-0,24									

daught. average

80,5	Frame	-0,10
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76,1	Dairy Strength	0,24
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79,4	Feet & Legs	1,16
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75,9	Udder	-0,66
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	SHI	50,4
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rank 260.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

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Bull name	Registration number	Birth date	State Register
RIDGE-HEIGHTS MORRIS-ET	US000002189589	06.03.1992	CB-003
Country of origin	US	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	05.11.1992
		USA	IG176556B

Pedigree

Sire	PGS	ROCKALLI SON OF BOVA
OSDEL-ENDEAVOR BOVA CUBBY		US000001665634
US000001986164	PGD	RYND-HOME VALIANT CUTIE
BA-002		US000011268725
Dam	MGS	WHITTIER-FARMS NED BOY
RIDGE-HEIGHTS NEDBOY TAMMY		US000001806201
US000012781119	MGD	RIDGE-HEIGHTS DAISY TWIN
		US000011365262

Milk production data	SK 10/2018	Herds	103	Daug.	1717	Rel.	99 %	SPI	2598
Number controls		BV		Milk		Fat		rank	69.
35782				561		32	0,17	SCS	3,28
								rank	924.

Type data	SHA 10/2018	Herds	114 / 37	Daug.	588	77,4	Rel.	98 %	TYPE	-0,06
								rank	525.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,61									
Angularity	-0,69									
Chest Width	1,13									
Body Depth	1,52									
Rump Angle	0,05									
Rear Legs Side View	-0,25									
Foot Angle	0,49									
Fore Udder Attachment	-1,27									
Front Teat Placement	-0,73									
Teat Length	-0,06									
Rear Udder Height	0,10									
Rear Udder Width	1,29									
Central Ligament	-0,51									
Udder Depth	-0,88									
Rump Width	1,22									
Rear Legs Rear View	0,14									
Rear Teat Placement	-0,25									
Locomotion	-0,46									
Body Condition	0,56									

daught. average

79,6	Frame	0,04
76,4	Dairy Strength	0,32
77,9	Feet & Legs	0,31
76,6	Udder	-0,37
	SHI	75,8
	rank	174.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

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Bull name	Registration number	Birth date	State Register
RESERVAT-ET	DE000351623203	17.06.2007	BES-018
Country of origin	DE	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	12.09.2007
		DE	07/42043

Pedigree

Sire	PGS	JOCKO BESN
ROUMARE		FR005694028588
FR002217051448	PGD	ODESSA 1270
		FR002298001828
Dam	MGS	EMINENZ-ET
ANASTASIA		DE000340055654
DE000346653529	MGD	ANABELL
		DE000341781993

Milk production data	SK 10/2018	Herds	28	Daug.	203	Rel.	96 %	SPI	1330
Number controls		BV		Milk		Prot.	%	rank	207.
4070				389	4	11	-0,03	SCS	3,04
								rank	610.

Type data	SHA 10/2018	Herds	13 / 6	Daug.	28	79,8	Rel.	63 %	TYPE	-0,07
								rank	526.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	1,10									
Angularity	1,41									
Chest Width	-1,84									
Body Depth	-1,50									
Rump Angle	0,05									
Rear Legs Side View	-0,17									
Foot Angle	-0,37									
Fore Udder Attachment	0,82									
Front Teat Placement	0,49									
Teat Length	-0,35									
Rear Udder Height	0,67									
Rear Udder Width	-0,99									
Central Ligament	-0,70									
Udder Depth	1,75									
Rump Width	-1,01									
Rear Legs Rear View	-1,17									
Rear Teat Placement	-0,19									
Locomotion	-1,39									
Body Condition	-2,13									

daught. average

83,9	Frame	0,29
80,6	Dairy Strength	-0,35
80,0	Feet & Legs	-1,20
77,0	Udder	0,27
	SHI	37,4
	rank	310.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

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Bull name	Registration number	Birth date	State Register
BOMAZ	DE000340179670	24.02.1997	BW-008
Country of origin	DE	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	26.03.1997
		DEU	97/4759

Pedigree

Sire	PGS	ARLINDA MELWOOD-ET
MAIZEFIELD BELLWOOD-ET		US000001879149
US000002103297	PGD	BREN-WAY BELL BETSY
MEW-004		US000012052401
Dam	MGS	ROTHROCK TRADITION LEADMAN
KOMTESSE		US000001983348
DE001021152429	MGD	KORDULA
		DE001020503706
		TDN-004

Milk production data	SK 10/2018	Herds	191	Daug.	3796	Rel.	99 %	SPI	840
Number controls		BV		Milk		Fat		rank	303.
72705				150		14	0,13	SCS	3,20
								rank	814.

Type data	SHA 10/2018	Herds	42 / 21	Daug.	270	77,7	Rel.	95 %	TYPE	-0,07
								rank	527.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,65									
Angularity	0,34									
Chest Width	-0,31									
Body Depth	1,16									
Rump Angle	0,46									
Rear Legs Side View	0,35									
Foot Angle	0,50									
Fore Udder Attachment	-1,02									
Front Teat Placement	-1,24									
Teat Length	1,61									
Rear Udder Height	-0,38									
Rear Udder Width	-0,60									
Central Ligament	-0,13									
Udder Depth	-0,40									
Rump Width	-1,36									
Rear Legs Rear View	-0,25									
Rear Teat Placement	-1,21									
Locomotion	-0,99									
Body Condition	0,12									

daught. average

81,2	Frame	0,48
78,7	Dairy Strength	0,74
77,2	Feet & Legs	0,09
75,6	Udder	-0,95
	SHI	22,4
	rank	356.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

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Bull name	Registration number	Birth date	State Register
OMBIS	NL000370771692	03.05.2004	MED-009
Country of origin	NL	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	04.08.2004
		NL	116530

Pedigree

Sire	PGS	HA-HO CUBBY MANFRED-ET US000002183007
O-BEE MANFRED JUSTICE-ET US000122358313 MED-012	PGD	MEIER-MEADOWS EL JEZEBEL-ET US000015459080
Dam	MGS	RICECREST BRETT-ET US000002289548
DEBBIE JO NL000322769492	MGD	REGANCREST DEBBI-JO-ET US000017320391

Milk production data	SK 10/2018	Herds	22	Daug.	69	Rel.	91 %	SPI	2015
Number controls		BV		Milk	Fat	%	Prot.	%	rank
1519				456	16	-0,04	15	0,01	SCS
									rank
									120.
									2,51
									rank
									84.

Type data	SHA 10/2018	Herds	5 / 4	Daug.	20	78,3	Rel.	63 %	TYPE	-0,07
									rank	528.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,11									
Angularity	-0,60									
Chest Width	1,30									
Body Depth	0,59									
Rump Angle	-1,01									
Rear Legs Side View	-0,87									
Foot Angle	0,86									
Fore Udder Attachment	0,15									
Front Teat Placement	0,23									
Teat Length	-0,04									
Rear Udder Height	-0,43									
Rear Udder Width	-0,66									
Central Ligament	-1,59									
Udder Depth	0,75									
Rump Width	1,32									
Rear Legs Rear View	-1,06									
Rear Teat Placement	-1,34									
Locomotion	-0,02									
Body Condition	0,70									

daught. average

83,4	Frame	0,17
79,8	Dairy Strength	-0,12
79,1	Feet & Legs	0,18
74,7	Udder	-0,43
	SHI	57,9
	rank	236.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

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Bull name	Registration number	Birth date	State Register
ALTHEO	DE001021124022	17.08.1991	ARS-016
Country of origin	DE	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	30.10.1991
		DEU	91/13879

Pedigree

Sire	PGS	HANOVERHILL STARBUCK
MADAWASKA AEROSTAR		CA000000352790
CA000000383622	PGD	MADAWASKA SHADY
STB-011		CA0000003511527
Dam	MGS	ACHIM-ET
FLOCKI 11		DE001008169690
DE001020608094	MGD	FLORA 13
		DE001020013011

Milk production data	SK 10/2018	Herds	72	Daug.	682	Rel.	99 %	SPI	-2751
Number controls		BV		Milk		Fat	%	Prot.	%
12243				-615	-22	0,02	-20	-0,03	
								SCS	3,07
								rank	1088.
								rank	643.

Type data	SHA 10/2018	Herds	14 / 8	Daug.	79	76,2	Rel.	83 %	TYPE	-0,07
									rank	529.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,14									
Angularity	-0,56									
Chest Width	2,01									
Body Depth	1,04									
Rump Angle	-0,05									
Rear Legs Side View	-0,91									
Foot Angle	-0,91									
Fore Udder Attachment	-2,13									
Front Teat Placement	-0,01									
Teat Length	2,27									
Rear Udder Height	-1,44									
Rear Udder Width	-0,40									
Central Ligament	1,26									
Udder Depth	-1,16									
Rump Width	0,45									
Rear Legs Rear View	-0,55									
Rear Teat Placement	-0,11									
Locomotion	0,09									
Body Condition	1,30									

daught. average

79,4	Frame	0,83
74,1	Dairy Strength	0,86
76,9	Feet & Legs	-1,01
75,4	Udder	-0,40
	SHI	-85,9
	rank	772.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

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Bull name	Registration number	Birth date	State Register
LIERVAL	FR005895003796	14.07.1995	DOB-003
Country of origin	FR	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	26.08.1996
		FRA	GS 604068

Pedigree

Sire	PGS	BIS-MAY TRADITION CLEITUS
DOMBINATOR-ET		US000001879085
NL000316418898		CLE-003
CLE-023	PGD	LONG-HAVEN BOVA SAMARA-ET
		US000012040197
Dam	MGS	SINGING-BROOK N-BOY MASCOT-ET
IDEE		US000002020049
FR001093000308		NBY-011
	MGD	GUIMAUVE
		FR005191001075

Milk production data	SK 10/2018	Herds	118	Daug.	1480	Rel.	99 %	SPI	28
Number controls		BV		Milk		Fat		%	rank
28335				54		3		0,01	460.
								-2	SCS
								-0,09	2,96
									rank
									503.

Type data	SHA 10/2018	Herds	44 / 22	Daug.	259	77,6	Rel.	94 %	TYPE	-0,08
									rank	530.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,02									
Angularity	0,50									
Chest Width	-0,27									
Body Depth	-0,41									
Rump Angle	0,98									
Rear Legs Side View	-0,37									
Foot Angle	-1,17									
Fore Udder Attachment	-0,16									
Front Teat Placement	-0,33									
Teat Length	-0,09									
Rear Udder Height	1,38									
Rear Udder Width	1,71									
Central Ligament	-1,91									
Udder Depth	-0,67									
Rump Width	-1,08									
Rear Legs Rear View	-0,11									
Rear Teat Placement	-0,53									
Locomotion	-1,47									
Body Condition	-0,52									

daught. average

79,3	Frame	-0,20
77,4	Dairy Strength	0,41
77,1	Feet & Legs	-0,88
77,1	Udder	0,31
	SHI	-2,3
	rank	474.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

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Bull name	Registration number	Birth date	State Register
JAGUAR JPS	FR004294001761	20.05.1994	MNA-002
Country of origin	FR	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	19.01.2001
		FRA	GS 566430

Pedigree

Sire	PGS	LEKKER VALIANT ROYALTY
BIS-MAY S-E-L MOUNTAIN-ET		US000001821208
US000002070579	PGD	BIS-MAY CHAIRMAN MERRI
RAY-002		US000011633203
Dam	MGS	RIPVALLEY SWEET-H TRAVIS-TWIN
FIRME POMM		US000001909166
FR004290002918	MGD	BENARLINDA
		FR004286009370
		TDN-003

Milk production data	SK 10/2018	Herds	17	Daug.	133	Rel.	95 %	SPI	-415
Number controls		BV		Milk		Fat	%	Prot.	%
2614				-13		-18	-0,34	1	0,03
								SCS	3,42
								rank	549.
								rank	1072.

Type data	SHA 10/2018	Herds	11 / 6	Daug.	67	78,3	Rel.	81 %	TYPE	-0,08
								rank	531.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,54									
Angularity	-0,82									
Chest Width	0,33									
Body Depth	-0,44									
Rump Angle	1,80									
Rear Legs Side View	0,87									
Foot Angle	0,56									
Fore Udder Attachment	-0,26									
Front Teat Placement	-0,28									
Teat Length	-1,23									
Rear Udder Height	0,02									
Rear Udder Width	0,69									
Central Ligament	-0,93									
Udder Depth	0,06									
Rump Width	0,39									
Rear Legs Rear View	-0,90									
Rear Teat Placement	-0,32									
Locomotion	-0,22									
Body Condition	0,45									

daught. average

81,0	Frame	0,57
76,8	Dairy Strength	-0,82
78,6	Feet & Legs	-0,20
77,6	Udder	0,08
	SHI	-15,9
	rank	533.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

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Bull name	Registration number	Birth date	State Register
GENOS KANON-ET	CZ000519715071	23.11.2006	LU-035
Country of origin	CZ	Breed	R100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	09.04.2008
		CZ	0800543

Pedigree

Sire	PGS	LENTINI-ET
LICHTBLICK-RED-ET		DE001012337003
DE000345785578	PGD	DITTMER JUBILANT OLORE
		DE001021588259
Dam	MGS	PURSUIT SEPTEMBER STORM-ET
GENOS STORMA		CA000006820564 SOM-024
CZ000120672971	MGD	WEST PORT RUBENS MARIGOLD RED
		CA000010670676

Milk production data	SK 10/2018	Herds	25	Daug.	116	Rel.	94 %	SPI	-1535
Number controls		BV		Milk		Fat	%	rank	820.
2477				-194		-26	-0,37	SCS	4,00
						-9	-0,07	rank	1272.

Type data	SHA 10/2018	Herds	7 / 3	Daug.	23	78,8	Rel.	60 %	TYPE	-0,09
								rank	532.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,55					■				
Angularity	0,25					■				
Chest Width	-0,05					■				
Body Depth	0,54					■				
Rump Angle	-0,64					■				
Rear Legs Side View	-0,57					■				
Foot Angle	0,70					■				
Fore Udder Attachment	-0,66					■				
Front Teat Placement	-0,51					■				
Teat Length	0,55					■				
Rear Udder Height	0,19					■				
Rear Udder Width	0,92					■				
Central Ligament	0,76					■				
Udder Depth	-0,57					■				
Rump Width	-0,82					■				
Rear Legs Rear View	0,47					■				
Rear Teat Placement	-0,20					■				
Locomotion	-0,70					■				
Body Condition	-0,19					■				

daught. average

81,9	Frame	-0,71
80,6	Dairy Strength	0,32
81,0	Feet & Legs	0,48
75,7	Udder	-0,05
	SHI	-49,8
	rank	668.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

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Bull name	Registration number	Birth date	State Register
FAROMIR	DE000113657937	15.03.2002	FBE-009
Country of origin	DE	Breed	R100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	14.10.2002
		DE	02/33938

Pedigree

Sire	PGS	RENOWN FACTOR-ET
FABER RED-ET		US000002129913
DE000340174036	PGD	LORELEY 12
		DE001021135253
Dam	MGS	KOERIER 104
WANDA		NL000461733916
DE000110749874	MGD	TINA
		DE000108133337

Milk production data	SK 10/2018	Herds	58	Daug.	1017	Rel.	99 %	SPI	-3042
Number controls		BV		Milk		Prot.		rank	1137.
18853				-933	-14	0,47	-21	SCS	3,08
								rank	653.

Type data	SHA 10/2018	Herds	13 / 5	Daug.	131	78,4	Rel.	89 %	TYPE	-0,10
								rank	533.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,69									
Angularity	-0,40									
Chest Width	-0,31									
Body Depth	-0,95									
Rump Angle	0,35									
Rear Legs Side View	-1,73									
Foot Angle	-0,53									
Fore Udder Attachment	0,36									
Front Teat Placement	0,03									
Teat Length	0,29									
Rear Udder Height	0,07									
Rear Udder Width	0,41									
Central Ligament	-0,03									
Udder Depth	0,07									
Rump Width	-0,13									
Rear Legs Rear View	1,95									
Rear Teat Placement	-2,30									
Locomotion	-1,35									
Body Condition	0,96									

daught. average

81,5	Frame	-0,70
79,2	Dairy Strength	-0,91
78,1	Feet & Legs	-0,44
76,7	Udder	0,85
	SHI	-95,6
	rank	791.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
CEDERWAL HARMONIZE	CA000006797081	29.03.1997	RUH-007
Country of origin	CA	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	25.08.1997
		CAN	BT401006

Pedigree

Sire	PGS	MADAWASKA AEROSTAR	
STARTMORE RUDOLPH-ET		CA000000383622	STB-011
CA000005470579	PGD	STARTMORE RACHELLE-ET	
ARS-015		CA000004324253	
Dam	MGS	SINGING-BROOK N-BOY MASCOT-ET	
CEDERWAL CHARITY MASCOT		US000002020049	NBY-011
CA000005694456	MGD	CEDERWAL CHARITY MARK	
		CA000004444679	

Milk production data	SK 10/2018	Herds	6	Daug.	48	Rel.	87 %	SPI	-1240
Number controls		BV		Milk		Fat	%	Prot.	%
949				-345		-8	0,09	-8	0,05
								SCS	3,17
								rank	...
								rank	...

Type data	SHA 10/2018	Herds	12 / 2	Daug.	39	78,7	Rel.	74 %	TYPE	-0,10
								rank	534.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,45									
Angularity	-0,15									
Chest Width	0,75									
Body Depth	1,66									
Rump Angle	-1,73									
Rear Legs Side View	1,00									
Foot Angle	-0,48									
Fore Udder Attachment	-0,90									
Front Teat Placement	0,31									
Teat Length	-1,45									
Rear Udder Height	-0,22									
Rear Udder Width	0,65									
Central Ligament	-2,10									
Udder Depth	-0,13									
Rump Width	0,03									
Rear Legs Rear View	-0,14									
Rear Teat Placement	0,69									
Locomotion	-1,01									
Body Condition	-0,86									

daught. average

82,3 **Frame** **0,42**

79,6 **Dairy Strength** **0,76**

78,1 **Feet & Legs** **-1,34**

76,7 **Udder** **-0,35**

SHI **-41,3**

rank 638.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
BENNER NEVIN	CA000006477445	04.03.1996	LU-014
Country of origin	CA	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	04.12.1996
		CAN	383847

Pedigree

Sire	PGS	BIS-MAY TRADITION CLEITUS
NORRIELAKE CLEITUS LUKE-TWIN	US000001879085	CLE-003
US000002071864	PGD	NORRIELAKE VALIANT CHEER-ET
CLE-005	US000012365669	
Dam	MGS	TO-MAR BLACKSTAR-ET
ARMADELE BLACKSTAR NAN-ET	US000001929410	CHR-002
CA000005363184	MGD	MELWOOD NED BOY NELL
	CA000004638087	

Milk production data	SK 10/2018	Herds	25	Daug.	315	Rel.	97 %	SPI	305
Number controls		BV		Milk		Fat	%	Prot.	%
5820				101		-1	-0,10	3	-0,01
								SCS	3,30
								rank	402.
								rank	939.

Type data	SHA 10/2018	Herds	11 / 8	Daug.	64	78,0	Rel.	81 %	TYPE	-0,10
									rank	535.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	1,43									
Angularity	0,35									
Chest Width	-0,52									
Body Depth	0,40									
Rump Angle	0,21									
Rear Legs Side View	1,11									
Foot Angle	-1,56									
Fore Udder Attachment	0,02									
Front Teat Placement	1,44									
Teat Length	0,69									
Rear Udder Height	-0,99									
Rear Udder Width	-0,82									
Central Ligament	2,00									
Udder Depth	-0,23									
Rump Width	-1,52									
Rear Legs Rear View	0,66									
Rear Teat Placement	0,91									
Locomotion	-2,84									
Body Condition	-1,17									

daught. average

82,3 **Frame** **0,79**

79,3 **Dairy Strength** **0,49**

75,4 **Feet & Legs** **-1,46**

76,7 **Udder** **-0,04**

SHI **5,1**

rank 445.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
NORZ-HILL FORM WIZARD-ET	US000120754720	09.07.1997	FOM-011
Country of origin	US	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	24.07.2002
		USA	18234

Pedigree

Sire	PGS	ROTHROCK TRADITION LEADMAN
SHEN-VAL NV LM FORMATION-ET	US000001983348	TDN-004
US000002163822	PGD	SHEN-VAL MARK FAY
LAD-009	US000013008118	
Dam	MGS	SINGING-BROOK BENCHMARK-ET
NORZ-HILL BENCH WINNY-ET	US000002078290	MEW-001
US000015299641	MGD	NORZ-HILL CLEITUS WINKEN-TWIN
	US000013682236	

Milk production data	SK 10/2018	Herds	4	Daug.	26	Rel.	83 %	SPI	746
Number controls		BV		Milk		Fat	%	Prot.	%
526				287	5	-0,13	3	-0,12	SCS
									rank
									...
									rank
									...

Type data	SHA 10/2018	Herds	7 / 2	Daug.	21	78,0	Rel.	64 %	TYPE	-0,11
									rank	536.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,08									
Angularity	-0,39									
Chest Width	-0,72									
Body Depth	-0,55									
Rump Angle	0,58									
Rear Legs Side View	1,15									
Foot Angle	-0,60									
Fore Udder Attachment	0,97									
Front Teat Placement	1,00									
Teat Length	0,04									
Rear Udder Height	0,30									
Rear Udder Width	-1,10									
Central Ligament	0,82									
Udder Depth	0,30									
Rump Width	0,16									
Rear Legs Rear View	-1,52									
Rear Teat Placement	0,71									
Locomotion	-1,43									
Body Condition	-0,86									

daught. average

79,7	Frame	-0,18
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78,7	Dairy Strength	-0,42
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75,9	Feet & Legs	-0,89
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77,7	Udder	0,64
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SHI	18,0
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rank 384.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
CESAR FORMATION VIVID-ET	IT000912047860	25.12.1997	FOM-006

Country of origin	IT	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	28.07.1998
		ITA	17

Pedigree

Sire	PGS	ROTHROCK TRADITION LEADMAN
SHEN-VAL NV LM FORMATION-ET	US000001983348	TDN-004
US000002163822	PGD	SHEN-VAL MARK FAY
LAD-009	US000013008118	
Dam	MGS	SOUTHWIND BELL OF BAR-LEE
BESSY	US000001964484	BEL-001
FR005990025834	MGD	DIX-JIM CHAIRMAN BESS B C
	US000011782397	

Milk production data	SK 10/2018	Herds	87	Daug.	898	Rel.	99 %	SPI	306
Number controls		BV		Milk		Fat	%	rank	400.
17432				272		-6	-0,31	SCS	3,11
						2	-0,15	rank	700.

Type data	SHA 10/2018	Herds	11 / 6	Daug.	76	78,5	Rel.	83 %	TYPE	-0,11
								rank	537.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,24									
Angularity	-1,05									
Chest Width	1,12									
Body Depth	0,07									
Rump Angle	0,37									
Rear Legs Side View	0,32									
Foot Angle	-0,07									
Fore Udder Attachment	-0,18									
Front Teat Placement	0,81									
Teat Length	-0,40									
Rear Udder Height	-0,28									
Rear Udder Width	0,99									
Central Ligament	-1,93									
Udder Depth	-0,81									
Rump Width	1,53									
Rear Legs Rear View	-1,39									
Rear Teat Placement	0,14									
Locomotion	-1,46									
Body Condition	0,76									

daught. average

81,8	Frame	0,78
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78,4	Dairy Strength	-0,53
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78,1	Feet & Legs	-1,19
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77,1	Udder	-0,23
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	SHI	4,7
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rank 447.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
FEUERBACH	DE000114151904	01.11.2002	FNN-001

Country of origin	DE	Breed	R100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	06.01.2003
		DEU	03/108

Pedigree

Sire	PGS	RENOWN FACTOR-ET
FINN		US000002129913
DE000577222755	PGD	LARISSA
		DE001020920341
Dam	MGS	MOSSYS ELM PARK FLANO RED
ALEXANDRA		US000002153299
DE000111799393	MGD	VEILCHEN
		DE000110084567

Milk production data	SK 10/2018	Herds	32	Daug.	95	Rel.	93 %	SPI	-1870
Number controls		BV		Milk	Fat	%	Prot.	%	rank
2297				-547	-8	0,26	-14	0,07	SCS
									rank
									205.

Type data	SHA 10/2018	Herds	9 / 8	Daug.	36	76,8	Rel.	71 %	TYPE	-0,12
									rank	538.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,07									
Angularity	0,03									
Chest Width	0,48									
Body Depth	-0,33									
Rump Angle	-1,02									
Rear Legs Side View	-1,24									
Foot Angle	1,20									
Fore Udder Attachment	-1,08									
Front Teat Placement	-0,35									
Teat Length	1,42									
Rear Udder Height	-0,99									
Rear Udder Width	0,22									
Central Ligament	-0,77									
Udder Depth	-0,04									
Rump Width	-0,60									
Rear Legs Rear View	0,04									
Rear Teat Placement	-0,55									
Locomotion	0,66									
Body Condition	0,44									

daught. average

79,4	Frame	0,03
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77,9	Dairy Strength	0,23
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77,8	Feet & Legs	1,11
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74,4	Udder	-0,99
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	SHI	-61,0
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rank 695.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name		Registration number	Birth date	State Register
THOR		NL000118816609	24.01.1994	PEL-003
Country of origin	NL		Breed	H100
Distributor	Holstein, Holandsko		Herdbook	HA
			Paternity	

Pedigree

Sire	PGS	HANOVERHILL STARBUCK CA000000352790
RONNYBROOK PRELUDE-ET CA000000392457 STB-016	PGD	KELLYS-VIEW GLENDELL KELCO US000009739109
Dam	MGS	EXRANCO THOR US000001883228
SIEMERS THOR TRINKET US000013571531	MGD	SIEMERS SEXATION TRICIA US000011201503

Milk production data	SK 10/2018	Herds	57	Daug.	163	Rel.	95 %	SPI	-2057
Number controls		BV		Milk		Fat		%	
2958				-535		-13		0,15	
		Prot.				%		rank	934.
						-15	0,03	SCS	2,81
								rank	320.

Type data	SHA 10/2018	Herds	7 / 6	Daug.	11	77,0	Rel.	57 %	TYPE	-0,12
								rank	539.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,45									
Angularity	-0,34									
Chest Width	0,33									
Body Depth	1,04									
Rump Angle	0,82									
Rear Legs Side View	-0,63									
Foot Angle	-0,92									
Fore Udder Attachment	-1,29									
Front Teat Placement	-0,48									
Teat Length	-1,48									
Rear Udder Height	-1,53									
Rear Udder Width	-0,33									
Central Ligament	0,32									
Udder Depth	-0,06									
Rump Width	1,54									
Rear Legs Rear View	-0,29									
Rear Teat Placement	-0,60									
Locomotion	0,53									
Body Condition	0,97									

daught. average

81,1	Frame	0,62
74,2	Dairy Strength	0,39
77,9	Feet & Legs	0,12
75,6	Udder	-0,93
	SHI	-66,7
	rank	715.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
CHANCE MASCOT LE ADAM-ET	US000002197080	13.05.1992	MAS-011
Country of origin	US	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	14.12.1992
		USA	IG177835C

Pedigree

Sire	PGS	WHITTIER-FARMS NED BOY
SINGING-BROOK N-BOY MASCOT-ET		US000001806201
US000002020049	PGD	JACKBUILT CHAIRMAN MANDY
NBV-011		US000011356580
Dam	MGS	WALKWAY CHIEF MARK
LIGHT-RIDGE FAIRHIL MARK-EL		US000001773417
US000012532410	MGD	LIGHTS-RBR BELL ELLEN
		US000011258529

Milk production data	SK 10/2018	Herds	128	Daug.	2056	Rel.	99 %	SPI	1443
Number controls		BV		Milk		Fat	%	rank	184.
43265				469		5	-0,23	SCS	3,31
						10	-0,09	rank	966.

Type data	SHA 10/2018	Herds	115 / 38	Daug.	763	77,1	Rel.	98 %	TYPE	-0,12
								rank	540.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,56									
Angularity	0,30									
Chest Width	1,07									
Body Depth	0,82									
Rump Angle	-0,10									
Rear Legs Side View	0,20									
Foot Angle	-0,17									
Fore Udder Attachment	-1,27									
Front Teat Placement	0,77									
Teat Length	0,84									
Rear Udder Height	-0,72									
Rear Udder Width	0,26									
Central Ligament	-0,76									
Udder Depth	-1,24									
Rump Width	0,71									
Rear Legs Rear View	-1,22									
Rear Teat Placement	1,81									
Locomotion	1,09									
Body Condition	-0,87									

daught. average

79,5	Frame	-0,05
76,6	Dairy Strength	1,42
76,8	Feet & Legs	-0,73
76,2	Udder	-0,45
	SHI	38,8
	rank	303.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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Bull name	Registration number	Birth date	State Register
FAME-ET	DE000579442468	23.01.2002	FBE-003
Country of origin	DE	Breed	R100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	13.03.2002
		DEU	02/3841

Pedigree

Sire	PGS	RENOWN FACTOR-ET
FABER RED-ET		US000002129913
DE000340174036	PGD	LORELEY 12
		DE001021135253
Dam	MGS	MOSSYS ELM PARK FLANO RED
ESKORTE		US000002153299
DE000577909478	MGD	ESTANA
		DE000576505981

Milk production data	SK 10/2018	Herds	119	Daug.	2333	Rel.	99 %	SPI	-312
Number controls		BV		Milk		Fat	%	Prot.	%
48384				-291		5	0,31	-1	0,18
								SCS	3,28
								rank	524.
								rank	918.

Type data	SHA 10/2018	Herds	35 / 11	Daug.	228	78,9	Rel.	93 %	TYPE	-0,12
									rank	541.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-1,10									
Angularity	0,47									
Chest Width	0,20									
Body Depth	0,03									
Rump Angle	-0,71									
Rear Legs Side View	0,01									
Foot Angle	-0,96									
Fore Udder Attachment	-0,05									
Front Teat Placement	1,14									
Teat Length	-1,71									
Rear Udder Height	-0,39									
Rear Udder Width	0,11									
Central Ligament	-0,28									
Udder Depth	-0,47									
Rump Width	0,08									
Rear Legs Rear View	1,29									
Rear Teat Placement	0,87									
Locomotion	1,20									
Body Condition	0,00									

daught. average

81,7	Frame	-0,90
80,4	Dairy Strength	0,51
80,4	Feet & Legs	0,20
76,0	Udder	0,10
	SHI	-14,3
	rank	525.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
LARIX	NL000370378587	19.04.2004	FBE-006
Country of origin	NL	Breed	R100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	14.06.2005
		NL	128020

Pedigree

Sire	PGS	RENOWN FACTOR-ET
FABER RED-ET		US000002129913
DE000340174036	PGD	LORELEY 12
		DE001021135253
Dam	MGS	CLIFFORD
RITA 23		BE095701333078
NL000216650415	MGD	RITA 15
		NL000118347130

Milk production data	SK 10/2018	Herds	25	Daug.	74	Rel.	90 %	SPI	-2709
Number controls		BV		Milk	Fat	%	Prot.	%	rank
1319				-842	-23	0,20	-15	0,29	SCS
									rank
									1079.
									1275.

Type data	SHA 10/2018	Herds	9 / 6	Daug.	21	77,3	Rel.	60 %	TYPE	-0,12
									rank	542.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	1,22									
Angularity	0,76									
Chest Width	-1,39									
Body Depth	-0,66									
Rump Angle	1,29									
Rear Legs Side View	-0,07									
Foot Angle	-1,08									
Fore Udder Attachment	1,05									
Front Teat Placement	-1,77									
Teat Length	-1,27									
Rear Udder Height	0,36									
Rear Udder Width	-0,65									
Central Ligament	-0,62									
Udder Depth	0,94									
Rump Width	-0,21									
Rear Legs Rear View	0,48									
Rear Teat Placement	-1,49									
Locomotion	-0,31									
Body Condition	-0,15									

daught. average

82,2	Frame	0,78
77,4	Dairy Strength	-0,22
77,0	Feet & Legs	-0,38
75,0	Udder	-0,19
	SHI	-86,6
	rank	774.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
ADENAUER-ET	DE00000669752	24.04.2000	MNA-004
Country of origin	DE	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	15.06.2000
		DEU	00/7898

Pedigree

Sire	PGS	BIS-MAY S-E-L MOUNTAIN-ET
ETAZON ADDISON-ET	US000002070579	RAY-002
NL000839380546	PGD	TIDY-BROOK ELTON STEPH-ET
	US000014080279	
Dam	MGS	ETAZON CELSIUS-ET
LOOKING 20	NL000460508522	
NL000146837126	MGD	LOOKING 3
	NL000782821169	

Milk production data	SK 10/2018	Herds	52	Daug.	133	Rel.	94 %	SPI	-282
Number controls		BV		Milk		Fat	%	rank	518.
2870				107		-19	-0,42	1	-0,05
								SCS	2,85
								rank	354.

Type data	SHA 10/2018	Herds	16 / 12	Daug.	39	77,5	Rel.	72 %	TYPE	-0,12
								rank	543.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,44									
Angularity	-0,60									
Chest Width	0,41									
Body Depth	-1,27									
Rump Angle	0,46									
Rear Legs Side View	-1,70									
Foot Angle	0,63									
Fore Udder Attachment	1,60									
Front Teat Placement	1,74									
Teat Length	-1,33									
Rear Udder Height	0,03									
Rear Udder Width	-1,57									
Central Ligament	-0,86									
Udder Depth	0,52									
Rump Width	-1,01									
Rear Legs Rear View	-1,37									
Rear Teat Placement	1,20									
Locomotion	1,56									
Body Condition	0,46									

daught. average

79,5	Frame	-0,58
77,2	Dairy Strength	-0,85
77,5	Feet & Legs	0,80
76,7	Udder	0,41
	SHI	-13,5
	rank	521.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
DORDELL CONCORD-ET	US000130486802	18.12.1999	ELN-012
Country of origin	US	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	20.09.2004
		CAN	DC125616

Pedigree

Sire	PGS	EMPRISE BELL ELTON
WA-DEL CONVINCER-ET		US000001912270
US000002249055	PGD	WA-DEL CLEITUS CINDY-ET
ELN-002		US000013372706
Dam	MGS	HA-HO CUBBY MANFRED-ET
DORDELL MANFRED 1909-ET		US000002183007
US000121106762	MGD	ROCK-WILLS AEROSTAR DIXIE-ET
		US000015005912

Milk production data	SK 10/2018	Herds	54	Daug.	712	Rel.	99 %	SPI	1992
Number controls		BV		Milk		Fat	%	rank	126.
15440				287		27	0,28	SCS	3,39
						13	0,08	rank	1051.

Type data	SHA 10/2018	Herds	51 / 21	Daug.	240	79,0	Rel.	94 %	TYPE	-0,13
								rank	544.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,45									
Angularity	-0,30									
Chest Width	0,69									
Body Depth	0,88									
Rump Angle	0,80									
Rear Legs Side View	-1,36									
Foot Angle	-0,82									
Fore Udder Attachment	0,33									
Front Teat Placement	0,01									
Teat Length	1,64									
Rear Udder Height	-1,37									
Rear Udder Width	-1,79									
Central Ligament	1,03									
Udder Depth	0,08									
Rump Width	0,89									
Rear Legs Rear View	-0,97									
Rear Teat Placement	0,98									
Locomotion	-0,41									
Body Condition	0,57									

daught. average

82,9	Frame	0,87
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79,1	Dairy Strength	0,15
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78,5	Feet & Legs	-0,97
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77,4	Udder	-0,60
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	SHI	54,9
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rank 245.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
BEATMAS	CZ000103579588	28.12.1997	MSN-001

Country of origin	CZ	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	22.06.1998
		CSK	4651/26

Pedigree

Sire	PGS	A TOWNSON LINDY-ET	
SHOREMAR MASON-ET		CA000000382748	
CA000005279989	PGD	MEADOW BRIDGE MEGAN-ET	
LID-001		CA000004244417	
Dam	MGS	SOUTHWIND BELL OF BAR-LEE	
CHEL-BROOK LEIGH-ET		US000001964484	BEL-001
US000014507430	MGD	DIXIE-LEE MARK LIZA,ET	
		US000012628564	

Milk production data	SK 10/2018	Herds	24	Daug.	68	Rel.	90 %	SPI	-760
Number controls		BV		Milk		Fat	%	Prot.	%
1323				-62		-4	-0,04	-9	-0,16
								SCS	3,59
								rank	1180.

Type data	SHA 10/2018	Herds	6 / 6	Daug.	17	75,8	Rel.	60 %	TYPE	-0,13
								rank	545.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,74									
Angularity	0,04									
Chest Width	-1,37									
Body Depth	1,03									
Rump Angle	0,26									
Rear Legs Side View	1,91									
Foot Angle	-1,55									
Fore Udder Attachment	-1,72									
Front Teat Placement	-1,19									
Teat Length	-0,14									
Rear Udder Height	0,46									
Rear Udder Width	0,69									
Central Ligament	0,44									
Udder Depth	-0,65									
Rump Width	2,23									
Rear Legs Rear View	-1,06									
Rear Teat Placement	0,66									
Locomotion	-0,79									
Body Condition	-1,36									

daught. average	79,0	Frame	0,67
	72,6	Dairy Strength	0,38
	74,9	Feet & Legs	-1,74
	76,3	Udder	0,06
		SHI	-28,1
		rank	582.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
PRENZLAU-ET	DE000112407303	29.08.1999	PEL-017
Country of origin	DE	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	06.10.1999
		DEU	99/12073

Pedigree

Sire	PGS	RONNYBROOK PRELUDE-ET
PREVAL		CA000000392457
DE000108668889	PGD	ORANGE
		DE000107831371
Dam	MGS	MOHR
URENA		DE001020637636
DE000108688259	MGD	RINA
		DE000107979702

Milk production data	SK 10/2018	Herds	49	Daug.	114	Rel.	94 %	SPI	960
Number controls		BV		Milk		Fat		rank	286.
2411				139		22	0,29	SCS	3,41
						3	-0,04	rank	1063.

Type data	SHA 10/2018	Herds	19 / 14	Daug.	34	77,4	Rel.	68 %	TYPE	-0,13
								rank	546.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,61									
Angularity	-0,79									
Chest Width	0,03									
Body Depth	0,12									
Rump Angle	2,16									
Rear Legs Side View	0,06									
Foot Angle	0,12									
Fore Udder Attachment	-1,52									
Front Teat Placement	-0,27									
Teat Length	1,79									
Rear Udder Height	-0,54									
Rear Udder Width	0,66									
Central Ligament	-0,08									
Udder Depth	-1,28									
Rump Width	1,97									
Rear Legs Rear View	0,06									
Rear Teat Placement	-1,71									
Locomotion	-0,34									
Body Condition	0,15									

daught. average

79,9	Frame	0,85
76,1	Dairy Strength	-0,34
76,7	Feet & Legs	-0,54
77,0	Udder	-0,41
	SHI	23,7
	rank	352.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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Bull name	Registration number	Birth date	State Register
TAHITI-ET	DE000349430127	10.12.2004	SOM-015
Country of origin	DE	Breed	R100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	06.01.2005
		DE	05/30402

Pedigree

Sire	PGS	MAUGHLIN STORM-ET
LADINO PARK TALENT-IMP-ET		CA000005457798
AU000000930377	PGD	MARKWELL LEADER ROSE-ET
		US000015804313
Dam	MGS	RUBENS
TRIXI 414		DE000577182316
DE000347906736	MGD	TRUXI
		DE000344741369

Milk production data	SK 10/2018	Herds	24	Daug.	88	Rel.	92 %	SPI	-160
Number controls		BV		Milk	Fat	%	Prot.	%	rank
1480				-135	-3	0,03	2	0,12	SCS
									rank
									490.
									490.

Type data	SHA 10/2018	Herds	8 / 7	Daug.	31	77,3	Rel.	70 %	TYPE	-0,13
									rank	547.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,54									
Angularity	0,44									
Chest Width	-1,52									
Body Depth	-0,92									
Rump Angle	1,33									
Rear Legs Side View	0,57									
Foot Angle	-0,06									
Fore Udder Attachment	0,14									
Front Teat Placement	-0,24									
Teat Length	1,50									
Rear Udder Height	-0,37									
Rear Udder Width	-0,17									
Central Ligament	0,21									
Udder Depth	0,70									
Rump Width	-1,27									
Rear Legs Rear View	-1,14									
Rear Teat Placement	0,90									
Locomotion	-0,77									
Body Condition	-1,97									

daught. average

81,5	Frame	0,08
78,2	Dairy Strength	-0,05
76,9	Feet & Legs	-0,71
74,8	Udder	0,14
	SHI	-10,1
	rank	505.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
DUDOC BACCULUM-ET	CA000009104500	03.05.1999	ATE-008
Country of origin	CA	Breed	R100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	25.06.1999
		CAN	BT439256

Pedigree

Sire **PGS** DUREGAL ASTRE STARBUCK ET
STBVQ RUBENS-ET CA000000392405 **STB-015**
CA000005844883

PGD HANOVERHILL STAR ROYAL ET
CA000004323541

Dam **MGS** STARTMORE RUDOLPH-ET
KARONA RUDOLPH PASSAT-ET CA000005470579 **ARS-015**
CA000006846320

MGD KARONA ROOSTER TRILL
CA000005596900

Milk production data	SK 10/2018	Herds	88	Daug.	1095	Rel.	99 %	SPI	-1966
Number controls		BV		Milk		Fat	%	rank	920.
23249				-326		-23	-0,21	SCS	2,58
						-14	-0,10	rank	112.

Type data	SHA 10/2018	Herds	17 / 5	Daug.	121	78,6	Rel.	89 %	TYPE	-0,13
								rank	548.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,52									
Angularity	1,44									
Chest Width	-2,60									
Body Depth	-2,80									
Rump Angle	-2,06									
Rear Legs Side View	1,43									
Foot Angle	-1,99									
Fore Udder Attachment	1,50									
Front Teat Placement	2,04									
Teat Length	-1,34									
Rear Udder Height	1,97									
Rear Udder Width	-0,98									
Central Ligament	1,80									
Udder Depth	3,01									
Rump Width	-1,41									
Rear Legs Rear View	0,82									
Rear Teat Placement	1,38									
Locomotion	-1,47									
Body Condition	-1,41									

daught. average

80,7 **Frame** **-1,80**

79,2 **Dairy Strength** **-0,34**

78,0 **Feet & Legs** **-2,11**

77,5 **Udder** **2,06**

SHI **-64,6**

rank 709.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
VAR CALANO TV	DK000000238091	16.01.1996	JUX-004
Country of origin	DK	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	01.04.1996
		DNK	221297

Pedigree

Sire	PGS	TO-MAR BLACKSTAR-ET	
KED JUROR-ET		US000001929410	CHR-002
US000002124357	PGD	KED MARK JUSTINE	
BS-017		US000012750091	
Dam	MGS	BIS-MAY TRADITION CLEITUS	
		US000001879085	CLE-003
DK003158900740	MGD	DK003158900599	

Milk production data	SK 10/2018	Herds	13	Daug.	367	Rel.	98 %	SPI	-2731
Number controls		BV		Milk		Fat		%	Prot. %
5822				-901		-8		0,57	-20
								0,21	rank
									1083.
								SCS	3,46
									rank
									1113.

Type data	SHA 10/2018	Herds	7 / 2	Daug.	89	79,0	Rel.	84 %	TYPE	-0,13
									rank	549.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	1,23									
Angularity	-0,49									
Chest Width	0,93									
Body Depth	0,02									
Rump Angle	1,72									
Rear Legs Side View	0,76									
Foot Angle	-0,93									
Fore Udder Attachment	0,10									
Front Teat Placement	1,56									
Teat Length	0,65									
Rear Udder Height	0,02									
Rear Udder Width	-1,64									
Central Ligament	0,21									
Udder Depth	1,12									
Rump Width	0,18									
Rear Legs Rear View	-1,95									
Rear Teat Placement	0,48									
Locomotion	-2,49									
Body Condition	0,35									

daught. average

83,7	Frame	1,38
79,0	Dairy Strength	0,05
77,2	Feet & Legs	-2,31
77,4	Udder	-0,38
	SHI	-87,7
	rank	777.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
TORYS TORNADO-RED-ET	US000134574934	08.09.2003	PRX-003
Country of origin	US	Breed	R100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	24.09.2004
		US	DC126260

Pedigree

Sire	PGS	GLEN-TOCTIN JOHNSON-ET
STARSTRUCK J PARADOX-RED-ET		US000002145651
US000017286871	PGD	J-DON MENTUM PILLAR-RED-ET
		US000015062983
Dam	MGS	STBVQ RUBENS-ET
NEW-VISION RUBENS TORY		CA000005844883
US000127783543	MGD	NEW-VISION STORM TOBIANA-ET
		US000121263872

Milk production data	SK 10/2018	Herds	42	Daug.	591	Rel.	99 %	SPI	-1079	
Number controls		BV		Milk		Fat	%	Prot.	%	
11528				-62	-18	-0,30	-8	-0,14	SCS	2,86
									rank	709.
									rank	373.

Type data	SHA 10/2018	Herds	26 / 8	Daug.	316	79,2	Rel.	95 %	TYPE	-0,14
									rank	550.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-1,29									
Angularity	1,59									
Chest Width	-1,74									
Body Depth	-0,99									
Rump Angle	-0,88									
Rear Legs Side View	0,59									
Foot Angle	-1,29									
Fore Udder Attachment	1,42									
Front Teat Placement	1,17									
Teat Length	0,56									
Rear Udder Height	1,73									
Rear Udder Width	0,02									
Central Ligament	0,83									
Udder Depth	1,10									
Rump Width	-2,87									
Rear Legs Rear View	1,46									
Rear Teat Placement	1,56									
Locomotion	-0,31									
Body Condition	-1,46									

daught. average

80,8	Frame	-1,84
80,8	Dairy Strength	0,03
80,4	Feet & Legs	-1,18
76,9	Udder	1,80
	SHI	-38,2
	rank	624.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
HI-VAL LICORICE-RED-ET	US000002243767	03.07.1993	LSR-001
Country of origin US		Breed	R100
Distributor		Herdbook	HA
		Paternity	

Pedigree

Sire	PGS	MADAWASKA AEROSTAR	
SHADY-LAWN-U LESTER-ET		CA000000383622	STB-011
US000002169878	PGD	SHADY-LAWN-U LICORICE RED	
		US0000011882992	
Dam	MGS	TESK-HOLM VALIANT ROCKIE	
ANKER-MA LAURA-ET		US000001841366	VAL-016
US0000014496131	MGD	TENNIS MISS LISA MISTY 658-RED	
		US0000012771080	

Milk production data	SK 10/2018	Herds	28	Daug.	456	Rel.	98 %	SPI	-752
Number controls		BV		Milk		Fat		rank	628.
8992				64		-12	-0,28	SCS	3,56
						-8	-0,22	rank	1169.

Type data	SHA 10/2018	Herds	11 / 5	Daug.	31	76,5	Rel.	75 %	TYPE	-0,16
								rank	551.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,03									
Angularity	-1,77									
Chest Width	1,60									
Body Depth	0,85									
Rump Angle	-0,51									
Rear Legs Side View	-0,21									
Foot Angle	-1,24									
Fore Udder Attachment	-0,04									
Front Teat Placement	-0,67									
Teat Length	-0,81									
Rear Udder Height	-0,55									
Rear Udder Width	0,85									
Central Ligament	-0,49									
Udder Depth	-0,45									
Rump Width	-1,21									
Rear Legs Rear View	1,98									
Rear Teat Placement	-0,18									
Locomotion	-0,74									
Body Condition	0,90									

daught. average

77,7 **Frame** **0,28**

74,4 **Dairy Strength** **-1,33**

77,5 **Feet & Legs** **-0,21**

76,3 **Udder** **0,05**

SHI **-28,9**

rank 586.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
GUIDED-PATH TOMAHAWK TV TL	US000121049625	03.09.1997	RUH-011

Country of origin	US	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	06.08.2002
		USA	DNA19936

Pedigree

Sire	PGS	MADAWASKA AEROSTAR	
STARTMORE RUDOLPH-ET		CA000000383622	STB-011
CA000005470579	PGD	STARTMORE RACHELLE-ET	
ARS-015		CA000004324253	
Dam	MGS	NORRIELAKE CLEITUS LUKE-TWIN	
NICOLA-RTH MAS LUKE TAMMY		US000002071864	CLE-005
US000015788744	MGD	NICOLA-F-FBROOK MILLIE-ET	
		US000015144776	

Milk production data	SK 10/2018	Herds	83	Daug.	1452	Rel.	99 %	SPI	-564
Number controls		BV		Milk		Fat	%	Prot.	%
30590				288	-23	-0,62	-5	-0,30	SCS
									rank
									584.
									rank
									72.

Type data	SHA 10/2018	Herds	72 / 20	Daug.	428	78,6	Rel.	97 %	TYPE	-0,16
									rank	552.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,25									
Angularity	0,92									
Chest Width	0,03									
Body Depth	-1,95									
Rump Angle	-1,88									
Rear Legs Side View	-0,25									
Foot Angle	0,18									
Fore Udder Attachment	1,87									
Front Teat Placement	-0,15									
Teat Length	0,61									
Rear Udder Height	0,37									
Rear Udder Width	-0,83									
Central Ligament	-1,72									
Udder Depth	2,25									
Rump Width	0,43									
Rear Legs Rear View	-0,49									
Rear Teat Placement	0,25									
Locomotion	-0,61									
Body Condition	-0,54									

daught. average	81,3	Frame	0,01
	79,0	Dairy Strength	0,31
	78,3	Feet & Legs	-0,36
	77,1	Udder	-0,26
		SHI	-23,3
		rank	562.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
COMESTAR LOSCAR	CA000006684186	02.01.1997	MEG-005
Country of origin	CA	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	04.04.1997
		CAN	390737

Pedigree

Sire	PGS	MADAWASKA AEROSTAR	
MEADOW BRIDGE MEGABUCK		CA000000383622	STB-011
CA000005425054	PGD	MEADOW BRIDGE MISCHIEF-ET	
		CA000004466380	
Dam	MGS	TO-MAR BLACKSTAR-ET	
COMESTAR LAURA BLACK-ET		US000001929410	CHR-002
CA000005319783	MGD	COMESTAR LAURIE SHEIK-ET	
		CA000004425038	

Milk production data	SK 10/2018	Herds	47	Daug.	458	Rel.	98 %	SPI	375
Number controls		BV		Milk		Fat	%	Prot.	%
8873				104		4	-0,00	2	-0,04
								SCS	3,22
								rank	835.

Type data	SHA 10/2018	Herds	11 / 8	Daug.	64	77,9	Rel.	81 %	TYPE	-0,16
									rank	553.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,53									
Angularity	-0,13									
Chest Width	-0,47									
Body Depth	0,28									
Rump Angle	1,51									
Rear Legs Side View	-0,62									
Foot Angle	0,75									
Fore Udder Attachment	-0,63									
Front Teat Placement	-1,21									
Teat Length	0,68									
Rear Udder Height	-0,12									
Rear Udder Width	-0,62									
Central Ligament	-0,96									
Udder Depth	-0,15									
Rump Width	-0,49									
Rear Legs Rear View	0,46									
Rear Teat Placement	-0,64									
Locomotion	-0,09									
Body Condition	-0,21									

daught. average

79,9	Frame	0,30
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77,6	Dairy Strength	0,13
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79,0	Feet & Legs	0,27
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76,7	Udder	-0,59
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	SHI	5,0
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rank 446.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
JAWOOD MADISON-ET	US000002158023	10.12.1990	BS-030

Country of origin	US	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	03.06.1991
		USA	IG155853A

Pedigree

Sire	PGS	CAL-CLARK BOARD CHAIRMAN
TO-MAR BLACKSTAR-ET	US000001723741	ADM-008
US000001929410	PGD	TO-MAR WAYNE HAY
CHR-002	US000009804790	
Dam	MGS	S-W-D VALIANT
SPECTACULAR VALIANT MARY-ET	US000001650414	
US0000012638847	MGD	SPECTACULAR MAID
	US0000011731514	

Milk production data	SK 10/2018	Herds	31	Daug.	487	Rel.	98 %	SPI	-1936
Number controls		BV		Milk		Fat		rank	912.
9434				-385		-19	-0,09	SCS	3,22
						-14	-0,05	rank	845.

Type data	SHA 10/2018	Herds	6 / 4	Daug.	14	77,7	Rel.	66 %	TYPE	-0,16
								rank	554.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-1,50									
Angularity	1,68									
Chest Width	-0,92									
Body Depth	1,45									
Rump Angle	-1,03									
Rear Legs Side View	0,69									
Foot Angle	-1,72									
Fore Udder Attachment	0,37									
Front Teat Placement	0,33									
Teat Length	0,38									
Rear Udder Height	0,47									
Rear Udder Width	0,09									
Central Ligament	0,28									
Udder Depth	-0,99									
Rump Width	-0,43									
Rear Legs Rear View	-0,40									
Rear Teat Placement	-0,13									
Locomotion	-1,65									
Body Condition	-1,29									

daught. average	80,6	Frame	-1,65
	74,6	Dairy Strength	1,87
	77,6	Feet & Legs	-1,82
	78,1	Udder	1,12
		SHI	-64,7
		rank	710.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
HIMSTER ASTRONAUT	NL000180989454	26.08.1998	POW-001
Country of origin	NL	Breed	R100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	02.10.1998
		NLD	180989454

Pedigree

Sire	PGS	SABBIONA PETISSO	
POWER		IT001305031272	
NL000812395112	PGD	STEEPEL ETAZON LOCKHART	
		NL000461805710	
Dam	MGS	FEIKJE S RABAMBA	BOY-001
HIMSTER AGEETH 5		NL000316952930	
NL000845885949	MGD	H AGATHA 109	
		NL000705339863	

Milk production data	SK 10/2018	Herds	41	Daug.	104	Rel.	93 %	SPI	-333
Number controls		BV		Milk		Fat		rank	528.
2175				44		-11	-0,24	SCS	3,08
						-2	-0,07	rank	660.

Type data	SHA 10/2018	Herds	8 / 5	Daug.	18	76,5	Rel.	54 %	TYPE	-0,16
								rank	555.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-1,50									
Angularity	-0,13									
Chest Width	0,80									
Body Depth	0,47									
Rump Angle	-0,60									
Rear Legs Side View	-1,10									
Foot Angle	2,42									
Fore Udder Attachment	-0,35									
Front Teat Placement	-0,52									
Teat Length	0,49									
Rear Udder Height	-0,68									
Rear Udder Width	0,96									
Central Ligament	-2,19									
Udder Depth	-0,67									
Rump Width	0,09									
Rear Legs Rear View	-0,19									
Rear Teat Placement	0,20									
Locomotion	0,66									
Body Condition	1,43									

daught. average

77,0	Frame	-0,91
76,3	Dairy Strength	0,24
79,6	Feet & Legs	1,05
74,8	Udder	-0,57
	SHI	-16,5
	rank	536.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
HOWCREST ARISTIDES	US000002116464	14.11.1989	CLE-020
Country of origin	US	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	04.10.1990
		USA	IG145028A

Pedigree

Sire	PGS	SWEET-HAVEN TRADITION
BIS-MAY TRADITION CLEITUS		US000001682485
US000001879085	PGD	BIS-MAY CONDUCTOR CORAL
CLE-003		US000010192628
Dam	MGS	WHITTIER-FARMS NED BOY
HOWCREST NED BOY ALICE-ET		US000001806201
US000013042502	MGD	HOWCREST VALIANT ALISON
		US000011268234

Milk production data	SK 10/2018	Herds	14	Daug.	66	Rel.	91 %	SPI	1394
Number controls		BV		Milk		Fat	%	Prot.	%
1391				387	24	0,15	3	-0,18	SCS
									rank
									195.
									rank
									1108.

Type data	SHA 10/2018	Herds	9 / 6	Daug.	19	77,4	Rel.	62 %	TYPE	-0,16
									rank	556.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,54									
Angularity	1,28									
Chest Width	-0,76									
Body Depth	1,39									
Rump Angle	1,87									
Rear Legs Side View	-0,18									
Foot Angle	-1,37									
Fore Udder Attachment	-1,75									
Front Teat Placement	-2,14									
Teat Length	-1,41									
Rear Udder Height	0,53									
Rear Udder Width	0,12									
Central Ligament	-0,79									
Udder Depth	-0,26									
Rump Width	1,10									
Rear Legs Rear View	0,22									
Rear Teat Placement	0,60									
Locomotion	0,18									
Body Condition	-0,40									

daught. average

81,1	Frame	0,67
76,9	Dairy Strength	1,83
77,7	Feet & Legs	-0,24
75,6	Udder	-1,29
	SHI	35,5
	rank	315.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
KEMPENRIJK KOMPAAN	NL00038760517	15.08.2004	LUS-007
Country of origin	NL	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	09.11.2005
		NL	133264

Pedigree

Sire	PGS	LUKAS
LANCELOT-ET		DE001012104370
DE000578194407	PGD	DINA
LUS-011		DE001015276447
Dam	MGS	NEWHOUSE RONALD
KEMPENRIJK FRIEDA 31		NL000777430664
NL000249500547	MGD	KEMPENRIJK FRIEDA 19
		NL000191098552

Milk production data	SK 10/2018	Herds	25	Daug.	86	Rel.	93 %	SPI	780
Number controls		BV		Milk		Fat	%	Prot.	%
1903				31	5	0,06	9	0,18	SCS
									rank
									311.
									rank
									109.

Type data	SHA 10/2018	Herds	15 / 8	Daug.	27	78,3	Rel.	69 %	TYPE	-0,17
									rank	557.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,50									
Angularity	-0,48									
Chest Width	-1,00									
Body Depth	-0,40									
Rump Angle	-0,41									
Rear Legs Side View	-1,08									
Foot Angle	1,75									
Fore Udder Attachment	-0,00									
Front Teat Placement	-0,57									
Teat Length	1,13									
Rear Udder Height	0,10									
Rear Udder Width	-1,59									
Central Ligament	1,02									
Udder Depth	0,65									
Rump Width	-2,23									
Rear Legs Rear View	1,76									
Rear Teat Placement	0,61									
Locomotion	0,20									
Body Condition	0,03									

daught. average

79,6 **Frame** -1,24

78,0 **Dairy Strength** -1,06

79,6 **Feet & Legs** 1,71

77,1 **Udder** -0,39

SHI 16,7

rank 388.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
LOGANWAY NED BOY BELLE BANG-ET	US000002009256	29.06.1986	NBY-007

Country of origin	US	Breed	H100
Distributor		Herdbook	HA
		Paternity	29.06.1990
		USA	IG 88897B

Pedigree

Sire	PGS	CA-LILL STANDOUT CAVALIER
WHITTIER-FARMS NED BOY		US000001620273
US000001806201	PGD	MILK-A-LONG SKOKIE DAWN
		US000009094087
Dam	MGS	GLENDELL ARLINDA CHIEF
LOGANWAY GLENDELL BELLE BON		US000001556373
US0000010823039	MGD	LOGANWAY CONDUCTOR,BELLE BENNY
		US000009653317

Milk production data	SK 10/2018	Herds	56	Daug.	549	Rel.	99 %	SPI	-2125
Number controls		BV		Milk		Fat	%	Prot.	%
11833				-526		-13	0,14	-16	-0,00
								SCS	3,34
								rank	950.
								rank	998.

Type data	SHA 10/2018	Herds	8 / 6	Daug.	15	76,4	Rel.	83 %	TYPE	-0,17
									rank	558.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,01									
Angularity	-0,73									
Chest Width	1,11									
Body Depth	0,82									
Rump Angle	0,59									
Rear Legs Side View	0,92									
Foot Angle	-0,66									
Fore Udder Attachment	-1,21									
Front Teat Placement	0,11									
Teat Length	0,33									
Rear Udder Height	-0,32									
Rear Udder Width	-0,28									
Central Ligament	-0,41									
Udder Depth	-0,22									
Rump Width	0,97									
Rear Legs Rear View	1,27									
Rear Teat Placement	-0,21									
Locomotion	0,47									
Body Condition	-0,45									

daught. average

77,9	Frame	0,51
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73,5	Dairy Strength	0,05
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78,1	Feet & Legs	-0,18
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76,6	Udder	-0,66
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	SHI	-70,9
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rank 738.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
KORVIN-ET	DE000347865005	27.04.2003	KOD-005

Country of origin	DE	Breed	R100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	10.06.2003
		DEU	03/38184

Pedigree

Sire	PGS	KOMMANDEUR LEADER 1
KOMTUR-ET		NL000775157228
DE000577788802	PGD	EDELGOLD
		DE000661039403
Dam	MGS	STOLL
LERRY 14		DE000108542252
DE000347180448	MGD	L.L.LIZ 359
		DE000112187113

Milk production data	SK 10/2018	Herds	34	Daug.	96	Rel.	92 %	SPI	-1876
Number controls		BV		Milk	Fat	%	Prot.	%	rank
1979				-644	-0	0,50	-15	0,12	SCS
									rank
									546.

Type data	SHA 10/2018	Herds	7 / 6	Daug.	21	77,3	Rel.	59 %	TYPE	-0,18
									rank	559.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-1,08									
Angularity	0,60									
Chest Width	-1,08									
Body Depth	0,25									
Rump Angle	-0,73									
Rear Legs Side View	0,31									
Foot Angle	-1,49									
Fore Udder Attachment	0,23									
Front Teat Placement	-0,92									
Teat Length	-0,04									
Rear Udder Height	0,89									
Rear Udder Width	1,12									
Central Ligament	-0,03									
Udder Depth	-1,17									
Rump Width	-0,31									
Rear Legs Rear View	0,44									
Rear Teat Placement	0,03									
Locomotion	0,02									
Body Condition	-1,07									

daught. average

77,4	Frame	-1,40
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77,7	Dairy Strength	0,39
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77,5	Feet & Legs	-0,61
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77,1	Udder	0,78
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	SHI	-63,7
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rank 706.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
REBUSO-ET	DE000767986576	30.08.2001	MOR-012
Country of origin	DE	Breed	R100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	16.10.2001
		DEU	01/11573

Pedigree

Sire	PGS	MR HURL-THREE MOMENTUM RED-ET
RAINBOW-ET		US000002041332
US000002260994	PGD	MISS RAINBOW LMAN 616-ET
		US000014373103
Dam	MGS	CHAPEL-BANK LAREDO RED
DONATE 90		US000002199279
DE000767463098	MGD	DONNAKLARA 68
		DE000760224782

Milk production data	SK 10/2018	Herds	37	Daug.	85	Rel.	91 %	SPI	-994
Number controls		BV		Milk	Fat	%	Prot.	%	rank
1763				-260	-5	0,08	-8	0,01	SCS
									rank
									693.
									419.

Type data	SHA 10/2018	Herds	5 / 4	Daug.	16	78,0	Rel.	54 %	TYPE	-0,18
									rank	560.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,56									
Angularity	0,42									
Chest Width	-1,62									
Body Depth	-0,20									
Rump Angle	0,49									
Rear Legs Side View	-0,98									
Foot Angle	0,20									
Fore Udder Attachment	0,67									
Front Teat Placement	-0,52									
Teat Length	-1,05									
Rear Udder Height	1,34									
Rear Udder Width	2,72									
Central Ligament	-0,25									
Udder Depth	-0,22									
Rump Width	-0,17									
Rear Legs Rear View	-0,61									
Rear Teat Placement	-0,22									
Locomotion	-1,11									
Body Condition	0,78									

daught. average

78,3	Frame	-1,03
78,8	Dairy Strength	-0,10
77,8	Feet & Legs	-0,51
77,6	Udder	0,81
	SHI	-37,3
	rank	620.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
SFL BOOTPEG BEST BET-ET	US000002128679	18.04.1990	BS-019
Country of origin	US	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	01.11.1990
		USA	IG146166A

Pedigree

Sire	PGS	CAL-CLARK BOARD CHAIRMAN
TO-MAR BLACKSTAR-ET		US000001723741
US000001929410	PGD	TO-MAR WAYNE HAY
CHR-002		US000009804790
Dam	MGS	WALKWAY CHIEF MARK
PRICES BOOTPEG BESS		US000001773417
US000012787738	MGD	PRICES VALIANTS BESS-ET
		US000011810625

Milk production data	SK 10/2018	Herds	116	Daug.	1328	Rel.	99 %	SPI	-1404
Number controls		BV		Milk		Fat		rank	784.
28076				-292		-6	0,09	SCS	2,99
						-13	-0,10	rank	555.

Type data	SHA 10/2018	Herds	42 / 25	Daug.	244	77,0	Rel.	95 %	TYPE	-0,18
								rank	561.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,91									
Angularity	0,12									
Chest Width	0,55									
Body Depth	1,02									
Rump Angle	0,77									
Rear Legs Side View	1,94									
Foot Angle	-1,59									
Fore Udder Attachment	-0,88									
Front Teat Placement	-0,91									
Teat Length	0,09									
Rear Udder Height	-0,76									
Rear Udder Width	-0,26									
Central Ligament	0,98									
Udder Depth	0,43									
Rump Width	0,94									
Rear Legs Rear View	-0,94									
Rear Teat Placement	0,13									
Locomotion	-1,02									
Body Condition	-1,61									

daught. average

81,0 **Frame** **1,07**

75,0 **Dairy Strength** **0,81**

76,3 **Feet & Legs** **-2,45**

76,5 **Udder** **-0,41**

SHI **-49,7**

rank 667.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
SOETTEN BOTTER TANGO	NL000440623982	06.06.2006	RUD-008
Country of origin	NL	Breed	R100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	03.10.2006
		NL	147746

Pedigree

Sire	PGS	ALMERE PABLO	
FREDERIK PUNTDROAD		NL000198991265	
NL000256086528	PGD	FLORINA	
		NL000194481717	
Dam	MGS	BEAUTIFUL	
SOETTEN BOTTER ALLMACHT 10		NL000189887001	JUL-003
NL000354418867	MGD	SOETTEN BOTTER ALLMACHT 8	
		NL000274316739	

Milk production data	SK 10/2018	Herds	30	Daug.	161	Rel.	95 %	SPI	-358
Number controls		BV		Milk		Fat	%	Prot.	%
3232				-392		8	0,45	-1	0,27
								SCS	2,83
								rank	535.
								rank	341.

Type data	SHA 10/2018	Herds	12 / 5	Daug.	35	78,9	Rel.	69 %	TYPE	-0,20
								rank	562.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,06									
Angularity	-0,79									
Chest Width	0,62									
Body Depth	1,15									
Rump Angle	-0,72									
Rear Legs Side View	-1,00									
Foot Angle	-1,11									
Fore Udder Attachment	-0,90									
Front Teat Placement	-1,38									
Teat Length	0,61									
Rear Udder Height	-0,77									
Rear Udder Width	-0,24									
Central Ligament	-0,21									
Udder Depth	0,18									
Rump Width	0,57									
Rear Legs Rear View	-0,07									
Rear Teat Placement	-3,05									
Locomotion	-0,17									
Body Condition	0,88									

daught. average

83,1	Frame	0,25
80,2	Dairy Strength	0,12
79,9	Feet & Legs	-0,67
75,5	Udder	-0,58
	SHI	-18,7
	rank	548.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
LANGS-TWIN-ELM DANDY	US000002137251	28.03.1990	LAB-001
Country of origin	US	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	21.08.1990
		USA	IG143284C

Pedigree

Sire	PGS	MARSHFIELD ELEVATION TONY
CYPRESS-HILL LABAN-ET		US000001626813
US000001926224	PGD	VAN-VLIET DELIGHTFUL LONI
		US000011140524
Dam	MGS	WALKWAY CHIEF MARK
LANGS-TWIN-ELM MITZI-ET		US000001773417
US000013391636	MGD	FAY-ARK-M BOVA MOLLY-ET
		US000012638893

Milk production data	SK 10/2018	Herds	39	Daug.	337	Rel.	98 %	SPI	575
Number controls		BV		Milk		Fat	%	Prot.	%
7127				247		-3	-0,24	5	-0,06
								SCS	2,90
								rank	428.

Type data	SHA 10/2018	Herds	37 / 13	Daug.	155	77,0	Rel.	91 %	TYPE	-0,20
									rank	563.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,07									
Angularity	-1,28									
Chest Width	1,08									
Body Depth	0,40									
Rump Angle	-0,33									
Rear Legs Side View	-1,47									
Foot Angle	-0,11									
Fore Udder Attachment	-0,10									
Front Teat Placement	-0,62									
Teat Length	1,59									
Rear Udder Height	0,49									
Rear Udder Width	-1,10									
Central Ligament	-0,36									
Udder Depth	0,99									
Rump Width	0,29									
Rear Legs Rear View	0,50									
Rear Teat Placement	-0,26									
Locomotion	0,11									
Body Condition	0,79									

daught. average

79,5	Frame	0,30
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74,3	Dairy Strength	-0,87
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78,1	Feet & Legs	0,37
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76,5	Udder	-0,35
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	SHI	9,2
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rank 427.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
EBENISTE	FR002941260884	05.01.2009	BES-021
Country of origin	FR	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	22.07.2010
		FR	F/S 549333

Pedigree

Sire	PGS	JOCKO BESN
JANGO		FR005694028588
DE000347136242	PGD	KHL SUTANE
		DE000342914455
Dam	MGS	R-E-W BUCKEYE-ET
BRITISH		US000130588960
FR002941260454	MGD	UMEA
		FR002941264750

Milk production data	SK 10/2018	Herds	14	Daug.	91	Rel.	91 %	SPI	-2854
Number controls		BV		Milk		Prot.		rank	1107.
1583				-627	-25	-0,03	-20	SCS	3,04
								rank	614.

Type data	SHA 10/2018	Herds	11 / 5	Daug.	40	80,1	Rel.	71 %	TYPE	-0,21
								rank	564.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,31									
Angularity	1,02									
Chest Width	-0,35									
Body Depth	-2,58									
Rump Angle	-0,03									
Rear Legs Side View	-1,45									
Foot Angle	0,21									
Fore Udder Attachment	1,54									
Front Teat Placement	0,61									
Teat Length	-0,82									
Rear Udder Height	0,76									
Rear Udder Width	-1,10									
Central Ligament	1,84									
Udder Depth	2,67									
Rump Width	-0,83									
Rear Legs Rear View	0,80									
Rear Teat Placement	1,26									
Locomotion	-1,85									
Body Condition	-0,75									

daught. average

83,7	Frame	-0,32
80,5	Dairy Strength	-0,42
81,0	Feet & Legs	-0,78
77,5	Udder	0,32
	SHI	-94,6
	rank	788.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
STEMPEL	DE000015238012	05.05.1993	SOG-001
Country of origin	DE	Breed	R100
Distributor	Nemecko	Herdbook	HA
		Paternity	..

Pedigree

Sire	PGS	HANOVERHILL STARBUCK
STOLLBERG		CA000000352790
DE000605543976	PGD	ISETTA 256
		DE000754932446
Dam	MGS	OCEAN-VIEW DIXIECRAT
ILDISC		US000001856116
DE000505673408	MGD	ILSA
		DE000503388641

Milk production data	SK 10/2018	Herds	215	Daug.	2722	Rel.	99 %	SPI	-2739
Number controls		BV		Milk		Fat		rank	1085.
52992				-728		-17	0,23	SCS	3,26
						-20	0,07	rank	893.

Type data	SHA 10/2018	Herds	11 / 7	Daug.	28	75,7	Rel.	81 %	TYPE	-0,22
								rank	565.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,46									
Angularity	-0,85									
Chest Width	1,99									
Body Depth	1,35									
Rump Angle	-0,08									
Rear Legs Side View	-0,06									
Foot Angle	0,69									
Fore Udder Attachment	-2,04									
Front Teat Placement	-0,27									
Teat Length	-0,56									
Rear Udder Height	-2,29									
Rear Udder Width	-1,35									
Central Ligament	1,16									
Udder Depth	-1,61									
Rump Width	0,68									
Rear Legs Rear View	-1,15									
Rear Teat Placement	0,67									
Locomotion	-1,16									
Body Condition	1,92									

daught. average

79,1	Frame	1,11
72,1	Dairy Strength	0,53
76,6	Feet & Legs	-0,71
75,4	Udder	-1,10
	SHI	-91,4
	rank	782.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
BOSSIDE RONALD-ET	CA000006780909	20.01.1997	BW-021
Country of origin	CA	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	17.07.1997
		CAN	BT399129

Pedigree

Sire	PGS	ARLINDA MELWOOD-ET	
MAIZEFIELD BELLWOOD-ET		US000001879149	
US000002103297	PGD	BREN-WAY BELL BETSY	
MEW-004		US000012052401	
Dam	MGS	TESK-HOLM VALIANT ROCKIE	
LENZWAY TESK RUBYT RITA-ET		US000001841366	VAL-016
US000014734125	MGD	ROBTHOM RUBY-ET	
		US000013802763	

Milk production data	SK 10/2018	Herds	64	Daug.	1181	Rel.	99 %	SPI	1096
Number controls		BV		Milk		Fat	%	rank	251.
23785				133		19	0,24	SCS	2,73
						6	0,04	rank	224.

Type data	SHA 10/2018	Herds	31 / 10	Daug.	249	78,8	Rel.	94 %	TYPE	-0,22
								rank	566.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,50									
Angularity	-0,88									
Chest Width	-0,50									
Body Depth	0,12									
Rump Angle	1,86									
Rear Legs Side View	0,50									
Foot Angle	0,68									
Fore Udder Attachment	0,53									
Front Teat Placement	-0,78									
Teat Length	1,09									
Rear Udder Height	1,15									
Rear Udder Width	0,25									
Central Ligament	-0,10									
Udder Depth	-0,94									
Rump Width	-1,04									
Rear Legs Rear View	0,27									
Rear Teat Placement	-1,92									
Locomotion	-0,58									
Body Condition	-0,64									

daught. average

81,8	Frame	-0,57
78,7	Dairy Strength	-1,03
78,8	Feet & Legs	0,21
77,4	Udder	0,48
	SHI	24,2
	rank	350.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
MANIAC PS	NL000422179520	28.08.2005	MED-011
Country of origin	NL	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	23.01.2007
		NL	151899

Pedigree

Sire	PGS	HA-HO CUBBY MANFRED-ET US000002183007
O-BEE MANFRED JUSTICE-ET US000122358313 MED-012	PGD	MEIER-MEADOWS EL JEZEBEL-ET US000015459080
Dam	MGS	RICECREST EMERSON-ET US000002271271
PONSSTAR SAMANTHA NL000327877860	MGD	PONSSTAR SABRINA NL000211776475

Milk production data	SK 10/2018	Herds	24	Daug.	88	Rel.	93 %	SPI	2366
Number controls		BV		Milk		Fat		rank	87.
1890				305		23	0,18	SCS	3,37
						21	0,22	rank	1030.

Type data	SHA 10/2018	Herds	16 / 11	Daug.	44	78,2	Rel.	76 %	TYPE	-0,23
								rank	567.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,09									
Angularity	0,79									
Chest Width	0,63									
Body Depth	0,73									
Rump Angle	0,68									
Rear Legs Side View	0,82									
Foot Angle	0,42									
Fore Udder Attachment	-0,58									
Front Teat Placement	-0,29									
Teat Length	1,22									
Rear Udder Height	-0,39									
Rear Udder Width	-1,29									
Central Ligament	-0,08									
Udder Depth	0,25									
Rump Width	-1,39									
Rear Legs Rear View	-3,94									
Rear Teat Placement	-0,12									
Locomotion	-1,22									
Body Condition	-0,61									

daught. average

81,6	Frame	-0,03
80,3	Dairy Strength	1,17
76,3	Feet & Legs	-1,02
76,5	Udder	-0,32
	SHI	62,1
	rank	222.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
BOLIANT	DE001021138096	28.05.1992	BIR-001
Country of origin	DE	Breed	R100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	19.10.1992
		DEU	92/11775

Pedigree

Sire	PGS	TO-MAR BLACKSTAR-ET	
BIRKO-ET		US000001929410	CHR-002
DE001020927002	PGD	BEATE	
		DE001020276043	
Dam	MGS	HANOVER-HILL INSPIRATION	
HAUSMAE 52		CA000000363162	IS-003
DE001020777121	MGD	HAUSFEE 65	
		DE001020476737	

Milk production data	SK 10/2018	Herds	252	Daug.	5124	Rel.	99 %	SPI	-2407
Number controls		BV		Milk		Fat	%	Prot.	%
104281				-524		-17	0,05	-19	-0,07
								SCS	3,64
								rank	1206.

Type data	SHA 10/2018	Herds	31 / 12	Daug.	167	77,9	Rel.	93 %	TYPE	-0,23
									rank	568.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,43									
Angularity	0,59									
Chest Width	0,22									
Body Depth	1,90									
Rump Angle	-2,75									
Rear Legs Side View	0,17									
Foot Angle	0,94									
Fore Udder Attachment	-0,19									
Front Teat Placement	0,01									
Teat Length	-2,48									
Rear Udder Height	-1,05									
Rear Udder Width	-0,94									
Central Ligament	-0,42									
Udder Depth	-0,09									
Rump Width	1,05									
Rear Legs Rear View	-0,77									
Rear Teat Placement	0,45									
Locomotion	0,32									
Body Condition	-1,27									

daught. average

80,9	Frame	-0,22
78,3	Dairy Strength	1,33
78,4	Feet & Legs	-0,04
76,0	Udder	-0,94
	SHI	-81,9
	rank	764.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
KOMIKER-ET	DE000113878472	26.03.2003	KOD-006

Country of origin	DE	Breed	R100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	30.05.2003
		DEU	03/37866

Pedigree

Sire	PGS	KOMMANDEUR LEADER 1
KONVOY-ET		NL000775157228
DE000577788826	PGD	ASTRA
		DE001012209974
Dam	MGS	STARTMORE RUDOLPH-ET
ZUCHTTA 106		CA000005470579
DE000111900553	MGD	NORDWIND 22
		DE000107482151

Milk production data	SK 10/2018	Herds	37	Daug.	87	Rel.	93 %	SPI	-2098
Number controls		BV		Milk	Fat	%	Prot.	%	rank
1978				-874	-5	0,61	-12	0,40	SCS
									rank
									944.
									37.

Type data	SHA 10/2018	Herds	6 / 5	Daug.	25	77,6	Rel.	66 %	TYPE	-0,23
									rank	569.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-1,12									
Angularity	-0,21									
Chest Width	-1,88									
Body Depth	-0,89									
Rump Angle	0,39									
Rear Legs Side View	0,47									
Foot Angle	-0,08									
Fore Udder Attachment	0,72									
Front Teat Placement	0,27									
Teat Length	-0,01									
Rear Udder Height	0,18									
Rear Udder Width	-0,19									
Central Ligament	-0,72									
Udder Depth	0,55									
Rump Width	-0,17									
Rear Legs Rear View	2,83									
Rear Teat Placement	0,77									
Locomotion	0,10									
Body Condition	-0,24									

daught. average

78,2	Frame	-1,43
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76,7	Dairy Strength	-0,92
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80,0	Feet & Legs	0,38
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76,8	Udder	0,73
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	SHI	-72,6
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rank 742.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
SCHOONHOVEN S TOBIAS	NL000369934703	15.10.2003	AMO-001

Country of origin	NL	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	12.01.2004
		NLD	108383

Pedigree

Sire	PGS	AMARETTO
FRANKENHOF AMOR		DE001013340602
NL000206188843	PGD	FRANKENHOF GRAEFIN 30
		NL000169786005
Dam	MGS	DELTA LAVA
TINEKE 88		NL000319957882
NL000194727673	MGD	NL000145927217

Milk production data	SK 10/2018	Herds	34	Daug.	90	Rel.	93 %	SPI	-1636
Number controls		BV		Milk		Fat		rank	843.
1880				-507		-13	0,12	SCS	3,88
						-9	0,15	rank	1258.

Type data	SHA 10/2018	Herds	12 / 8	Daug.	23	78,7	Rel.	68 %	TYPE	-0,24
								rank	570.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,02									
Angularity	0,22									
Chest Width	-0,60									
Body Depth	-0,31									
Rump Angle	-0,33									
Rear Legs Side View	0,33									
Foot Angle	-0,26									
Fore Udder Attachment	-0,53									
Front Teat Placement	-0,54									
Teat Length	-1,01									
Rear Udder Height	0,95									
Rear Udder Width	-0,14									
Central Ligament	-0,59									
Udder Depth	0,88									
Rump Width	-0,20									
Rear Legs Rear View	-0,95									
Rear Teat Placement	0,28									
Locomotion	-1,32									
Body Condition	-0,64									

daught. average

81,4	Frame	-0,20
78,4	Dairy Strength	0,14
78,9	Feet & Legs	-1,11
77,2	Udder	0,12
	SHI	-58,8
	rank	689.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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Bull name	Registration number	Birth date	State Register
WINDEMERE JOPLIN-ET	US000002289779	19.07.1995	MNL-005
Country of origin	US	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	20.02.1996
		CAN	BTIG219302

Pedigree

Sire	PGS	EXELS S-W-D EAGLE
LUTZ-MEADOWS E MANDEL-ET		US000001858047
US000002119526	PGD	LUTZ-MEADOWS MARK MEDLEY-ET
		US0000012593031
Dam	MGS	MADAWASKA AEROSTAR
WINDEMERE JANUARY		CA000000383622
US0000015220380	MGD	WINDEMERE-MASMILL JELLYBEAN
		US0000014237052

Milk production data	SK 10/2018	Herds	28	Daug.	403	Rel.	98 %	SPI	-589
Number controls		BV		Milk		Fat	%	rank	589.
7899				-92		-8	-0,09	SCS	3,12
						-4	-0,03	rank	714.

Type data	SHA 10/2018	Herds	9 / 5	Daug.	64	77,3	Rel.	83 %	TYPE	-0,24
								rank	571.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,40									
Angularity	1,16									
Chest Width	-1,84									
Body Depth	-0,71									
Rump Angle	-0,90									
Rear Legs Side View	0,25									
Foot Angle	0,21									
Fore Udder Attachment	0,43									
Front Teat Placement	0,67									
Teat Length	-0,14									
Rear Udder Height	-1,10									
Rear Udder Width	-1,79									
Central Ligament	0,29									
Udder Depth	0,21									
Rump Width	-0,25									
Rear Legs Rear View	-0,62									
Rear Teat Placement	1,54									
Locomotion	-1,25									
Body Condition	-0,23									

daught. average

80,6	Frame	-0,28
78,3	Dairy Strength	0,50
77,1	Feet & Legs	-0,32
75,2	Udder	-0,26
	SHI	-27,2
	rank	577.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

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Bull name	Registration number	Birth date	State Register
CONSUEL	CZ000053069388	05.02.1998	MEG-004

Country of origin	CZ	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	22.06.1998
		CSK	4651/31

Pedigree

Sire	PGS	MADAWASKA AEROSTAR	
MEADOW BRIDGE MEGABUCK		CA000000383622	STB-011
CA000005425054	PGD	MEADOW BRIDGE MISCHIEF-ET	
		CA000004466380	
Dam	MGS	ROTHROCK TRADITION LEADMAN	
CALBRETT LEADMAN FANFARE-ET		US000001983348	TDN-004
CA000005403738	MGD	QUIETCOVE BELL FROST	
		CA000004558729	

Milk production data	SK 10/2018	Herds	29	Daug.	77	Rel.	91 %	SPI	-24
Number controls		BV		Milk	Fat	%	Prot.	%	rank
1562				137	-5	-0,20	-1	-0,12	SCS
									rank
									472.
									1261.

Type data	SHA 10/2018	Herds	6 / 3	Daug.	12	76,7	Rel.	54 %	TYPE	-0,24
									rank	572.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,57									
Angularity	0,44									
Chest Width	-0,98									
Body Depth	-1,25									
Rump Angle	0,77									
Rear Legs Side View	-0,18									
Foot Angle	0,29									
Fore Udder Attachment	-1,20									
Front Teat Placement	0,05									
Teat Length	2,30									
Rear Udder Height	1,79									
Rear Udder Width	0,91									
Central Ligament	0,08									
Udder Depth	-0,36									
Rump Width	-0,39									
Rear Legs Rear View	-0,92									
Rear Teat Placement	0,33									
Locomotion	-0,26									
Body Condition	-1,18									

daught. average	77,2	Frame	-1,09
	73,5	Dairy Strength	0,04
	77,6	Feet & Legs	0,07
	77,3	Udder	0,27
		SHI	-10,2
		rank	506.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

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Bull name	Registration number	Birth date	State Register
CARLIN-ET	DE00000391546	01.01.1990	CLE-017
Country of origin	DE	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	27.02.1990
		DEU	90/2968

Pedigree

Sire	PGS	SWEET-HAVEN TRADITION
BIS-MAY TRADITION CLEITUS		US000001682485
US000001879085	PGD	BIS-MAY CONDUCTOR CORAL
CLE-003		US000010192628
Dam	MGS	CARLIN-M IVANHOE BELL
HOLLI		US000001667366
DE001020437039	MGD	BUFFALO
		DE000105583797

Milk production data	SK 10/2018	Herds	40	Daug.	337	Rel.	98 %	SPI	-3374
Number controls		BV		Milk		Fat		rank	1215.
5610				-785		-26	0,09	SCS	3,22
						-25	-0,01	rank	840.

Type data	SHA 10/2018	Herds	6 / 4	Daug.	45	76,9	Rel.	77 %	TYPE	-0,24
								rank	573.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,33									
Angularity	-0,36									
Chest Width	0,63									
Body Depth	0,23									
Rump Angle	1,41									
Rear Legs Side View	-0,39									
Foot Angle	-0,21									
Fore Udder Attachment	-0,52									
Front Teat Placement	-1,19									
Teat Length	1,05									
Rear Udder Height	0,01									
Rear Udder Width	0,24									
Central Ligament	-0,41									
Udder Depth	-0,41									
Rump Width	-0,46									
Rear Legs Rear View	-0,70									
Rear Teat Placement	0,78									
Locomotion	-0,47									
Body Condition	0,79									

daught. average

77,9	Frame	-0,14
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74,6	Dairy Strength	0,17
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78,8	Feet & Legs	-0,05
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76,5	Udder	-0,43
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	SHI	-111,4
	rank	811.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

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Bull name	Registration number	Birth date	State Register
MAPUTO-ET	BE000217053420	18.02.2005	MED-008
Country of origin	BE	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	30.05.2005
		BE	210917

Pedigree

Sire	PGS	HA-HO CUBBY MANFRED-ET	
O-BEE MANFRED JUSTICE-ET		US000002183007	
US000122358313	PGD	MEIER-MEADOWS EL JEZEBEL-ET	
MED-012		US000015459080	
Dam	MGS	WA-DEL CONVINCER-ET	
PETUNIA 1		US000002249055	ELN-002
FR004240276662	MGD	ALTAJRORIE (ALTA OR805)	
		NL000181186289	

Milk production data	SK 10/2018	Herds	97	Daug.	1617	Rel.	99 %	SPI	1816
Number controls		BV		Milk		Fat	%	Prot.	%
33536				361	11	-0,06	16	0,09	
								SCS	2,18
								rank	12.

Type data	SHA 10/2018	Herds	49 / 21	Daug.	236	79,8	Rel.	94 %	TYPE	-0,24
									rank	574.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,76									
Angularity	0,08									
Chest Width	0,14									
Body Depth	-0,46									
Rump Angle	0,16									
Rear Legs Side View	1,01									
Foot Angle	-0,64									
Fore Udder Attachment	1,70									
Front Teat Placement	0,76									
Teat Length	1,87									
Rear Udder Height	-0,05									
Rear Udder Width	-0,99									
Central Ligament	-0,06									
Udder Depth	0,86									
Rump Width	0,45									
Rear Legs Rear View	-1,86									
Rear Teat Placement	0,29									
Locomotion	0,24									
Body Condition	0,63									

daught. average

83,0	Frame	-0,55
81,0	Dairy Strength	-0,17
80,7	Feet & Legs	-1,09
77,0	Udder	0,40
	SHI	45,1
	rank	279.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
NORRIELAKE GARTER NILE-ET	US000133899795	13.01.2003	LAB-003
Country of origin	US	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	09.01.2004
		USA	15598A

Pedigree

Sire	PGS	RICKLAND LABAN PROJECTOR
WELCOME GARTER-ET		US000002127399
US000017131025	PGD	WELCOME MOUNTAIN GALE-ET
LAB-002		US000015579402
Dam	MGS	SHEN-VAL NV LM FORMATION-ET
NORRIELAKE FARM DORA-TW		US000002163822 LAD-009
US000122918029	MGD	NORRIELAKE ELTON TAFFY-ET
		US000015607362

Milk production data	SK 10/2018	Herds	29	Daug.	88	Rel.	93 %	SPI	401
Number controls		BV		Milk		Fat	%	Prot.	%
1907				186		-2	-0,17	3	-0,06
								SCS	3,03
								rank	380.
								rank	605.

Type data	SHA 10/2018	Herds	11 / 9	Daug.	28	78,5	Rel.	70 %	TYPE	-0,24
									rank	575.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,75									
Angularity	-0,12									
Chest Width	-0,46									
Body Depth	0,07									
Rump Angle	-1,00									
Rear Legs Side View	-1,01									
Foot Angle	-0,99									
Fore Udder Attachment	-0,10									
Front Teat Placement	-0,62									
Teat Length	-0,95									
Rear Udder Height	0,89									
Rear Udder Width	1,95									
Central Ligament	-0,31									
Udder Depth	-1,84									
Rump Width	0,22									
Rear Legs Rear View	-0,26									
Rear Teat Placement	-0,24									
Locomotion	-0,53									
Body Condition	-0,40									

daught. average

80,1	Frame	-0,80
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79,2	Dairy Strength	0,15
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79,1	Feet & Legs	-1,00
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77,1	Udder	0,60
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	SHI	2,3
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rank 455.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
SEBALD-ET	DE001021538520	05.05.1995	SUM-001
Country of origin	DE	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	14.06.1995
		DEU	95/8757

Pedigree

Sire	PGS	BIS-MAY TRADITION CLEITUS	
GLEN-TOCTIN SLOCUM		US000001879085	CLE-003
US000002097322	PGD	GLEN-TOCTIN MARK SAGE	
CLE-015		US000012631699	
Dam	MGS	TO-MAR BLACKSTAR-ET	
LEONE		US000001929410	CHR-002
DE001020924750	MGD	LOTTI	
		DE001020228305	

Milk production data	SK 10/2018	Herds	64	Daug.	713	Rel.	99 %	SPI	-2373
Number controls		BV		Milk		Fat	%	rank	1003.
12956				-448		-21	-0,09	Prot.	-18
								%	-0,11
								SCS	3,24
								rank	874.

Type data	SHA 10/2018	Herds	18 / 10	Daug.	76	77,6	Rel.	82 %	TYPE	-0,25
								rank	576.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,78									
Angularity	0,68									
Chest Width	-0,35									
Body Depth	0,73									
Rump Angle	0,60									
Rear Legs Side View	0,34									
Foot Angle	0,29									
Fore Udder Attachment	-1,09									
Front Teat Placement	0,22									
Teat Length	-0,46									
Rear Udder Height	-0,83									
Rear Udder Width	-0,60									
Central Ligament	1,11									
Udder Depth	-1,35									
Rump Width	-0,59									
Rear Legs Rear View	0,67									
Rear Teat Placement	0,76									
Locomotion	-0,60									
Body Condition	-1,42									

daught. average	78,6	Frame	-0,86
	78,0	Dairy Strength	1,11
	77,4	Feet & Legs	0,25
	77,1	Udder	-0,43
		SHI	-81,4
		rank	762.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

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Bull name	Registration number	Birth date	State Register
IGOR	FR002293002137	03.06.1993	BS-008
Country of origin	FR	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	07.12.1993
		FRA	GS537773

Pedigree

Sire	PGS	CAL-CLARK BOARD CHAIRMAN
TO-MAR BLACKSTAR-ET		US000001723741
US000001929410	PGD	TO-MAR WAYNE HAY
CHR-002		US000009804790
Dam	MGS	HANOVERHILL STARBUCK
CARLINDA		CA000000352790
FR002287024146	MGD	ARLINDA
		FR002285020993

Milk production data	SK 10/2018	Herds	44	Daug.	199	Rel.	96 %	SPI	-1986
Number controls	BV	Milk	Fat	%	Prot.	%	rank	SCS	922.
4090		-489	-17	0,03	-13	0,04	rank	501.	

Type data	SHA 10/2018	Herds	7 / 7	Daug.	18	75,6	Rel.	64 %	TYPE	-0,25
							rank		577.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,46									
Angularity	-0,33									
Chest Width	0,11									
Body Depth	1,09									
Rump Angle	-0,46									
Rear Legs Side View	2,09									
Foot Angle	-0,86									
Fore Udder Attachment	-0,76									
Front Teat Placement	0,35									
Teat Length	-0,78									
Rear Udder Height	-0,85									
Rear Udder Width	0,06									
Central Ligament	0,86									
Udder Depth	-0,03									
Rump Width	0,56									
Rear Legs Rear View	0,22									
Rear Teat Placement	1,07									
Locomotion	-0,12									
Body Condition	-0,60									

daught. average

79,2	Frame	-0,26
74,0	Dairy Strength	0,37
75,8	Feet & Legs	-1,18
74,7	Udder	0,33
	SHI	-69,7
	rank	730.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

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Bull name	Registration number	Birth date	State Register
OBETY	FR005925364302	30.04.1998	WEL-001
Country of origin	FR	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	

Pedigree

Sire	PGS	SOUTHWIND BELL OF BAR-LEE
WELLS CATALYST-ET	US000001964484	BEL-001
US000002193611	PGD	BARN-AIRES VAL-MEL CAROL-ET
BEL-018	US000013757685	
Dam	MGS	NORRIELAKE CLEITUS LUKE-TWIN
LUKE BETTY	US000002071864	CLE-005
US000015475332	MGD	MOROVILLE WINKEN BOBBI
	US000013759225	

Milk production data	SK 10/2018	Herds	44	Daug.	105	Rel.	94 %	SPI	385
Number controls		BV		Milk		Fat	%	rank	384.
2196				153		6	-0,01	0	-0,10
								SCS	3,03
								rank	601.

Type data	SHA 10/2018	Herds	9 / 7	Daug.	20	77,6	Rel.	62 %	TYPE	-0,25
								rank	578.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,95									
Angularity	-0,79									
Chest Width	0,75									
Body Depth	0,22									
Rump Angle	0,98									
Rear Legs Side View	0,50									
Foot Angle	0,16									
Fore Udder Attachment	-0,28									
Front Teat Placement	-1,11									
Teat Length	0,98									
Rear Udder Height	-1,38									
Rear Udder Width	-1,14									
Central Ligament	-0,10									
Udder Depth	-0,40									
Rump Width	0,43									
Rear Legs Rear View	-0,39									
Rear Teat Placement	-0,58									
Locomotion	-0,64									
Body Condition	-1,10									

daught. average

82,5	Frame	1,28
76,3	Dairy Strength	-0,76
78,0	Feet & Legs	0,53
75,3	Udder	-1,13
	SHI	1,7
	rank	456.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

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Bull name	Registration number	Birth date	State Register
AGRIPA BELLWOOD PROFIT-ET	SK000081555859	04.04.1997	BW-002
Country of origin	SK	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	19.03.1998
		SVK	0232/34

Pedigree

Sire	PGS	ARLINDA MELWOOD-ET
MAIZEFIELD BELLWOOD-ET		US000001879149
US000002103297	PGD	BREN-WAY BELL BETSY
MEW-004		US000012052401
Dam	MGS	ROTHROCK TRADITION LEADMAN
CAERNARVON LEADMAN SANDI-ET		US000001983348
US000014371238	MGD	CAERNARVON BELL SANDY-ET
		US000012859819
		TDN-004

Milk production data	SK 10/2018	Herds	40	Daug.	111	Rel.	93 %	SPI	-609
Number controls		BV		Milk		Fat		rank	598.
2121				-253		5	0,27	SCS	2,92
						-6	0,04	rank	456.

Type data	SHA 10/2018	Herds	13 / 11	Daug.	21	75,8	Rel.	64 %	TYPE	-0,26
								rank	579.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,20									
Angularity	-0,73									
Chest Width	0,51									
Body Depth	0,36									
Rump Angle	-0,05									
Rear Legs Side View	0,05									
Foot Angle	2,21									
Fore Udder Attachment	0,37									
Front Teat Placement	-1,00									
Teat Length	0,32									
Rear Udder Height	-0,84									
Rear Udder Width	-0,34									
Central Ligament	-1,68									
Udder Depth	-0,40									
Rump Width	0,20									
Rear Legs Rear View	-1,21									
Rear Teat Placement	-0,80									
Locomotion	-0,51									
Body Condition	-0,88									

daught. average

78,7	Frame	0,46
73,7	Dairy Strength	-0,62
77,7	Feet & Legs	0,90
74,5	Udder	-0,87
	SHI	-28,6
	rank	584.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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Bull name	Registration number	Birth date	State Register
JARODIN-ET	DE000768113770	01.11.2002	BES-006
Country of origin	DE	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	18.11.2002
		DEU	02/40121

Pedigree

Sire	PGS	BESNE-BUCK
JOCKO BESN		FR004486041658
FR005694028588	PGD	GAIA
		FR005691017484
Dam	MGS	LUKAS
GRENOBL 728		DE001012104370
DE000767425304	MGD	GERANIU106
		DE000760341795

Milk production data	SK 10/2018	Herds	38	Daug.	103	Rel.	93 %	SPI	-1457
Number controls		BV		Milk		Fat		rank	799.
2263				-281		-16	-0,11	SCS	2,77
						-1	-0,03	rank	267.

Type data	SHA 10/2018	Herds	10 / 8	Daug.	24	77,5	Rel.	65 %	TYPE	-0,26
								rank	580.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,60									
Angularity	1,31									
Chest Width	-1,08									
Body Depth	-1,42									
Rump Angle	-0,32									
Rear Legs Side View	0,34									
Foot Angle	0,08									
Fore Udder Attachment	0,58									
Front Teat Placement	-0,71									
Teat Length	-0,42									
Rear Udder Height	-0,30									
Rear Udder Width	-1,78									
Central Ligament	0,01									
Udder Depth	1,60									
Rump Width	-0,45									
Rear Legs Rear View	-0,98									
Rear Teat Placement	-0,10									
Locomotion	-0,22									
Body Condition	-0,95									

daught. average

80,8	Frame	0,25
79,4	Dairy Strength	0,60
76,7	Feet & Legs	-0,14
75,3	Udder	-0,75
	SHI	-54,3
	rank	679.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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Bull name	Registration number	Birth date	State Register
MORTIMER	DE00000397217	03.10.1994	MNA-001
Country of origin	DE	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	09.12.1994
		DEU	94/15497

Pedigree

Sire	PGS	LEKKER VALIANT ROYALTY
BIS-MAY S-E-L MOUNTAIN-ET		US000001821208
US000002070579	PGD	BIS-MAY CHAIRMAN MERRI
RAY-002		US000011633203
Dam	MGS	BIS-MAY TRADITION CLEITUS
LINA		US000001879085
DE001020823363	MGD	LISA 9
		DE001020384383

Milk production data	SK 10/2018	Herds	111	Daug.	1870	Rel.	99 %	SPI	7
Number controls		BV		Milk		Fat		rank	465.
35291				54		-3	-0,11	SCS	3,26
						0	-0,03	rank	894.

Type data	SHA 10/2018	Herds	15 / 10	Daug.	169	77,7	Rel.	92 %	TYPE	-0,28
								rank	581.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,46									
Angularity	0,64									
Chest Width	-0,01									
Body Depth	-0,34									
Rump Angle	0,69									
Rear Legs Side View	0,73									
Foot Angle	-0,47									
Fore Udder Attachment	-1,51									
Front Teat Placement	-1,20									
Teat Length	-2,00									
Rear Udder Height	-0,17									
Rear Udder Width	1,28									
Central Ligament	-0,28									
Udder Depth	-1,18									
Rump Width	-1,46									
Rear Legs Rear View	-0,45									
Rear Teat Placement	-0,11									
Locomotion	1,05									
Body Condition	0,22									

daught. average

78,9	Frame	-0,68
77,7	Dairy Strength	0,86
78,5	Feet & Legs	0,17
76,8	Udder	-0,39
	SHI	-11,0
	rank	510.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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Bull name	Registration number	Birth date	State Register
MEDZICILIZIE MATT KURT-ET	SK00000014853	20.04.1997	MTT-001
Country of origin	SK	Breed	H100
Distributor	MEDZICILIZIE, a. s.	Herdbook	HA
		Paternity	

Pedigree

Sire	PGS	TO-MAR BLACKSTAR-ET
WA-DEL RC MATT-ET		US000001929410
US000002118528	PGD	VALHALLA MARK MITZY-ET
		US000012677418
		CHR-002
Dam	MGS	CURTMAID EMERALD TARGET
DE-KA-ACRES TARGT SECRET-ET		US000002030882
US000015041998	MGD	DE-KA-ACRES BLAKSTR STAR-ET
		US000013846331

Milk production data	SK 10/2018	Herds	99	Daug.	719	Rel.	99 %	SPI	-1437
Number controls		BV		Milk		Fat	%	Prot.	%
13731				-99	-23	-0,37	-11	-0,17	
								SCS	3,20
								rank	790.
								rank	821.

Type data	SHA 10/2018	Herds	23 / 14	Daug.	56	78,1	Rel.	79 %	TYPE	-0,28
									rank	582.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,48									
Angularity	1,54									
Chest Width	-0,61									
Body Depth	-0,08									
Rump Angle	-0,11									
Rear Legs Side View	0,45									
Foot Angle	-0,58									
Fore Udder Attachment	-1,42									
Front Teat Placement	-2,37									
Teat Length	1,02									
Rear Udder Height	-0,01									
Rear Udder Width	0,07									
Central Ligament	0,19									
Udder Depth	-0,83									
Rump Width	-1,06									
Rear Legs Rear View	-1,30									
Rear Teat Placement	-0,37									
Locomotion	-2,27									
Body Condition	-2,33									

daught. average

80,7	Frame	0,28
78,6	Dairy Strength	1,41
77,8	Feet & Legs	-1,76
76,6	Udder	-0,64
	SHI	-54,6
	rank	680.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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Bull name	Registration number	Birth date	State Register
JUMP	NL000516824118	29.12.1989	JUB-005
Country of origin	NL	Breed	R100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	30.11.1990
		NLD	019005048010

Pedigree

Sire	PGS	HANOVER-HILL TRIPLE THREAT-RED
MEADOLAKE JUBILANT-ET		US000001629391
CA000000376455	PGD	CASS RIDGE R MAPLE JAZZ
		CA000003003616
Dam	MGS	E-D TONTO CAVALIER
BELINDA 3		US000000022235
NL000510688594	MGD	BELINDA 2
		NL000507916437

Milk production data	SK 10/2018	Herds	144	Daug.	1853	Rel.	99 %	SPI	-3432
Number controls		BV		Milk	Fat	%	Prot.	%	rank
34935				-869	-26	0,15	-24	0,08	rank
									1226.
								SCS	3,16
									rank
									769.

Type data	SHA 10/2018	Herds	15 / 12	Daug.	35	76,5	Rel.	84 %	TYPE	-0,28
									rank	583.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,73									
Angularity	0,37									
Chest Width	-1,77									
Body Depth	0,81									
Rump Angle	-2,09									
Rear Legs Side View	-1,40									
Foot Angle	0,77									
Fore Udder Attachment	-0,84									
Front Teat Placement	0,27									
Teat Length	-0,92									
Rear Udder Height	-0,29									
Rear Udder Width	-0,13									
Central Ligament	0,60									
Udder Depth	-0,69									
Rump Width	-0,59									
Rear Legs Rear View	0,03									
Rear Teat Placement	-0,25									
Locomotion	-0,01									
Body Condition	0,17									

daught. average

77,2	Frame	-1,12
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74,2	Dairy Strength	-0,04
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78,0	Feet & Legs	0,50
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76,5	Udder	-0,04
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	SHI	-114,9
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rank 814.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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Bull name	Registration number	Birth date	State Register
LUBOT	NL000238771651	14.11.1998	LEO-002
Country of origin	NL	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	12.01.1999
		NLD	238771651

Pedigree

Sire	PGS	PEN SPRING MR C (UGELA BELL)
FRANKENHOF LUCKY LEO		US000001920807
NL000777133097	PGD	LENORA 2
		NL000509257011
Dam	MGS	DELTA CLEITUS JABOT
JABOT LAURA		NL000316419721
NL000115467202	MGD	ROK LAURA
		NL000158457347

Milk production data	SK 10/2018	Herds	43	Daug.	84	Rel.	93 %	SPI	795
Number controls		BV		Milk		Fat	%	Prot.	%
1775				44		9	0,12	8	0,13
								SCS	3,63
								rank	1201.

Type data	SHA 10/2018	Herds	11 / 8	Daug.	17	76,7	Rel.	56 %	TYPE	-0,29
									rank	584.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,89									
Angularity	0,37									
Chest Width	-0,89									
Body Depth	-0,44									
Rump Angle	0,39									
Rear Legs Side View	-0,13									
Foot Angle	0,40									
Fore Udder Attachment	0,40									
Front Teat Placement	-1,63									
Teat Length	0,88									
Rear Udder Height	-1,29									
Rear Udder Width	0,36									
Central Ligament	-0,39									
Udder Depth	-0,08									
Rump Width	1,31									
Rear Legs Rear View	-0,34									
Rear Teat Placement	0,44									
Locomotion	-0,79									
Body Condition	-0,17									

daught. average

81,5	Frame	0,72
76,1	Dairy Strength	0,15
78,4	Feet & Legs	0,04
74,2	Udder	-0,74
	SHI	12,6
	rank	410.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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Bull name	Registration number	Birth date	State Register
CLOUD-CAP WIN JUSTICE	US000126725661	09.01.1999	WIT-002

Country of origin	US	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	23.06.1999
		USA	IG252890A

Pedigree

Sire	PGS	MADAWASKA AEROSTAR	
LADYS-MANOR WINCHESTER-ET		CA000000383622	STB-011
US000002205082	PGD	LADYS-MANOR TOP GUN JEMINI-ET	
		US000013586096	
Dam	MGS	TESK-HOLM VALIANT ROCKIE	
CLOUD-CAP TESK,PEBBLES		US000001841366	VAL-016
US000015283042	MGD	CLOUD-CAP WISTER,SPICY	
		US000014538794	

Milk production data	SK 10/2018	Herds	38	Daug.	98	Rel.	93 %	SPI	1182
Number controls		BV		Milk		Fat		rank	238.
1703				311		19	0,11	SCS	3,43
						4	-0,13	rank	1087.

Type data	SHA 10/2018	Herds	20 / 16	Daug.	41	77,7	Rel.	75 %	TYPE	-0,29
								rank	585.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,62									
Angularity	1,19									
Chest Width	-1,51									
Body Depth	-0,35									
Rump Angle	2,92									
Rear Legs Side View	1,25									
Foot Angle	-2,09									
Fore Udder Attachment	-0,10									
Front Teat Placement	-0,96									
Teat Length	-0,62									
Rear Udder Height	1,30									
Rear Udder Width	1,03									
Central Ligament	2,17									
Udder Depth	-1,04									
Rump Width	0,38									
Rear Legs Rear View	0,61									
Rear Teat Placement	-0,11									
Locomotion	-0,04									
Body Condition	-1,20									

daught. average	78,6	Frame	-0,90
	77,3	Dairy Strength	0,75
	77,1	Feet & Legs	-1,12
	77,9	Udder	0,45
		SHI	24,1
		rank	351.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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Bull name	Registration number	Birth date	State Register
FRITZ-GLEN SP TERRY-RED-ET	US000134227476	13.02.2003	PRX-001
Country of origin	US	Breed	R100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	19.05.2004
		USA	17395A

Pedigree

Sire	PGS	GLEN-TOCTIN JOHNSON-ET
STARSTRUCK J PARADOX-RED-ET		US000002145651
US000017286871	PGD	J-DON MENTUM PILLAR-RED-ET
		US000015062983
Dam	MGS	CAROL PRELUDE MTOTO-ET
KLATTVIEW CPM TARA-TW		IT006001001962
US000128945249	MGD	KLATTVIEW ATREYU TIARA
		US000015737862

Milk production data	SK 10/2018	Herds	31	Daug.	76	Rel.	91 %	SPI	-362
Number controls		BV		Milk		Fat		rank	537.
1647				-110		9	0,24	SCS	2,63
						-7	-0,09	rank	153.

Type data	SHA 10/2018	Herds	7 / 6	Daug.	16	77,0	Rel.	57 %	TYPE	-0,29
								rank	586.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-1,67									
Angularity	0,83									
Chest Width	-0,00									
Body Depth	0,70									
Rump Angle	-0,20									
Rear Legs Side View	0,57									
Foot Angle	-1,88									
Fore Udder Attachment	0,15									
Front Teat Placement	1,24									
Teat Length	-0,99									
Rear Udder Height	0,65									
Rear Udder Width	0,23									
Central Ligament	-0,65									
Udder Depth	-0,26									
Rump Width	-0,03									
Rear Legs Rear View	0,46									
Rear Teat Placement	0,69									
Locomotion	0,80									
Body Condition	-0,02									

daught. average

77,5	Frame	-1,34
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78,7	Dairy Strength	1,34
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77,1	Feet & Legs	-1,04
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76,4	Udder	0,46
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	SHI	-22,5
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rank 560.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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Bull name	Registration number	Birth date	State Register
BRIDGES NED SHANE	CA00000398221	05.10.1986	NBY-014
Country of origin	CA	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	

Pedigree

Sire	PGS	CA-LILL STANDOUT CAVALIER US000001620273
WHITTIER-FARMS NED BOY US000001806201	PGD	MILK-A-LONG SKOKIE DAWN US000009094087
Dam	MGS	CARLIN-M IVANHOE BELL US000001667366
BRIDGES BELL MARIE STEPHANIE US0000011429878	MGD	BRIDGES MARS KIM MARIE US0000010216287

Milk production data	SK 10/2018	Herds	107	Daug.	2107	Rel.	99 %	SPI	-1578
Number controls		BV		Milk		Fat		rank	832.
38100				-413		-11	0,08	SCS	3,30
						-11	0,04	rank	936.

Type data	SHA 10/2018	Herds	22 / 16	Daug.	154	77,0	Rel.	92 %	TYPE	-0,29
								rank	587.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-1,44									
Angularity	-0,76									
Chest Width	1,85									
Body Depth	2,03									
Rump Angle	0,65									
Rear Legs Side View	0,09									
Foot Angle	-0,90									
Fore Udder Attachment	-0,84									
Front Teat Placement	0,16									
Teat Length	0,02									
Rear Udder Height	-0,76									
Rear Udder Width	0,40									
Central Ligament	-0,85									
Udder Depth	-2,12									
Rump Width	1,66									
Rear Legs Rear View	0,99									
Rear Teat Placement	0,02									
Locomotion	0,70									
Body Condition	1,27									

daught. average

78,6 **Frame** **-0,34**

75,1 **Dairy Strength** **0,39**

77,7 **Feet & Legs** **-0,16**

76,9 **Udder** **-0,27**

SHI **-59,2**

rank 692.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

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Bull name	Registration number	Birth date	State Register
JK EDER COYOTE	FR001450822004	13.11.2003	FAL-004

Country of origin	FR	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	10.03.2004
		NLD	111194

Pedigree

Sire	PGS	FATAL
COGENT COURIER-ET		FR002290038601
GB000000586950	PGD	TIDY-BROOK CEL CLARA-ET
FAL-003		US000015688607
Dam	MGS	HA-HO CUBBY MANFRED-ET
JK EDER LEI 2		US000002183007
NL000271489418	MGD	UNICORN CELSIUS LEI-ET
		US000015753091

Milk production data	SK 10/2018	Herds	29	Daug.	79	Rel.	91 %	SPI	-383
Number controls		BV		Milk		Fat		rank	539.
1521				-111		-13	-0,18	SCS	3,46
						2	0,11	rank	1114.

Type data	SHA 10/2018	Herds	11 / 8	Daug.	22	79,0	Rel.	64 %	TYPE	-0,29
								rank	588.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,58									
Angularity	-0,69									
Chest Width	1,13									
Body Depth	0,11									
Rump Angle	-0,33									
Rear Legs Side View	-1,72									
Foot Angle	-0,02									
Fore Udder Attachment	-1,30									
Front Teat Placement	0,95									
Teat Length	0,47									
Rear Udder Height	-0,55									
Rear Udder Width	0,27									
Central Ligament	-1,24									
Udder Depth	-0,85									
Rump Width	1,53									
Rear Legs Rear View	-1,28									
Rear Teat Placement	0,27									
Locomotion	-0,89									
Body Condition	1,32									

daught. average

83,9	Frame	1,10
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79,4	Dairy Strength	-0,39
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77,6	Feet & Legs	-0,71
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77,1	Udder	-0,63
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	SHI	-23,2
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rank 561.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
FAB	CZ000148050694	12.03.2001	ELN-017
Country of origin	CZ	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	22.01.2002
		CZ	6402

Pedigree

Sire	PGS	EMPRISE BELL ELTON
WA-DEL CONVINCER-ET		US000001912270
US000002249055	PGD	WA-DEL CLEITUS CINDY-ET
ELN-002		US000013372706
Dam	MGS	LADYS-MANOR WINCHESTER-ET
		US000002205082
CZ000102300614	MGD	LANGS-TWIN-B E-B SABRA-ET
		US000017189294

Milk production data	SK 10/2018	Herds	68	Daug.	1588	Rel.	99 %	SPI	816
Number controls		BV		Milk		Fat	%	rank	306.
29574				188		1	-0,13	SCS	3,20
								rank	811.

Type data	SHA 10/2018	Herds	39 / 14	Daug.	105	78,5	Rel.	88 %	TYPE	-0,30
								rank	589.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,04									
Angularity	0,45									
Chest Width	-1,14									
Body Depth	-1,22									
Rump Angle	-0,19									
Rear Legs Side View	0,51									
Foot Angle	1,13									
Fore Udder Attachment	0,13									
Front Teat Placement	0,88									
Teat Length	-1,79									
Rear Udder Height	-1,10									
Rear Udder Width	-0,69									
Central Ligament	-0,59									
Udder Depth	0,33									
Rump Width	-0,90									
Rear Legs Rear View	-0,85									
Rear Teat Placement	2,10									
Locomotion	1,88									
Body Condition	-0,19									

daught. average

81,2	Frame	-0,41
78,9	Dairy Strength	-0,60
79,3	Feet & Legs	1,63
76,6	Udder	-0,80
	SHI	12,8
	rank	409.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
L-L-M-DAIRY PADLOCK CRI-ET	US000062769059	15.08.2006	MNA-019
Country of origin	US	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	05.03.2007
		US	M07024262

Pedigree

Sire	PGS	ETAZON ADDISON-ET
VEAZLAND MARION-ET		NL000839380546
US000130153294	PGD	VEAZLAND FORMATION MISSA-ET
		US000017346766
Dam	MGS	STARTMORE RUDOLPH-ET
L-L-M-DAIRY RUDOLPH PILGRIM		CA000005470579
US000018051079	MGD	L-L-M-DAIRY PRELUDE PREP-ET
		US000015243932

Milk production data	SK 10/2018	Herds	26	Daug.	484	Rel.	98 %	SPI	2014
Number controls		BV		Milk		Fat	%	rank	121.
9183				412		9	-0,12	SCS	2,34
						18	0,11	rank	34.

Type data	SHA 10/2018	Herds	50 / 12	Daug.	246	80,9	Rel.	93 %	TYPE	-0,30
								rank	590.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,45									
Angularity	-0,70									
Chest Width	-0,24									
Body Depth	-1,28									
Rump Angle	0,80									
Rear Legs Side View	-0,55									
Foot Angle	-0,50									
Fore Udder Attachment	1,44									
Front Teat Placement	0,27									
Teat Length	1,03									
Rear Udder Height	1,13									
Rear Udder Width	-0,12									
Central Ligament	-0,61									
Udder Depth	0,78									
Rump Width	0,15									
Rear Legs Rear View	-0,40									
Rear Teat Placement	0,16									
Locomotion	1,26									
Body Condition	0,60									

daught. average

83,8	Frame	-0,49
80,5	Dairy Strength	-1,71
82,7	Feet & Legs	0,09
78,8	Udder	0,44
	SHI	48,8
	rank	269.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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Bull name	Registration number	Birth date	State Register
BUSLAK MARSHALL PAJTAS-ET	SK000673744201	26.04.2004	MNL-019
Country of origin	SK	Breed	H93,8 S 6,2
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	04.01.2006
		SK	0341/33

Pedigree

Sire	PGS	LUTZ-MEADOWS E MANDEL-ET
RICECREST MARSHALL-ET		US000002119526
US000002297473	PGD	RICECREST SOUTHWIND KAYE-ET
MNL-007		US000014334791
Dam	MGS	MEADOW BRIDGE MILLION-ET
PAVLINKA		CA000005410058
SK000067275843	MGD	SK000033867823
		ARS-008

Milk production data	SK 10/2018	Herds	26	Daug.	82	Rel.	92 %	SPI	343
Number controls		BV		Milk		Fat	%	Prot.	%
1592				271		-2	-0,23	0	-0,17
								SCS	3,02
								rank	595.

Type data	SHA 10/2018	Herds	6 / 5	Daug.	11	79,1	Rel.	59 %	TYPE	-0,30
									rank	591.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,05									
Angularity	-0,11									
Chest Width	0,06									
Body Depth	-0,64									
Rump Angle	-1,18									
Rear Legs Side View	1,17									
Foot Angle	-1,60									
Fore Udder Attachment	1,34									
Front Teat Placement	-0,89									
Teat Length	1,17									
Rear Udder Height	0,63									
Rear Udder Width	0,51									
Central Ligament	-0,22									
Udder Depth	-0,05									
Rump Width	-0,89									
Rear Legs Rear View	0,47									
Rear Teat Placement	-0,68									
Locomotion	-0,19									
Body Condition	0,39									

daught. average

80,3	Frame	-0,33
79,5	Dairy Strength	-0,74
78,0	Feet & Legs	-0,77
79,0	Udder	0,60
	SHI	-1,6
	rank	470.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
SAMORIN MICA GLEN ET	SK000001377853	20.08.1997	MIC-006
Country of origin	SK	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	23.06.1998
		SVK	0237/04

Pedigree

Sire	PGS	ARLINDA MELWOOD-ET
CMV MICA-ET		US000001879149
US000002125714	PGD	BRIARPATCH-R MISTY-ET
		US0000012882374
Dam	MGS	ROTHROCK TRADITION LEADMAN
PRAIRIE-BELLE LEAD, GLEE-ET		US000001983348
US0000014761976	MGD	HAYSEED ROTATE GAIETY
		US0000012893091
		TDN-004

Milk production data	SK 10/2018	Herds	58	Daug.	282	Rel.	96 %	SPI	136
Number controls		BV		Milk		Fat		rank	435.
4082				-169		11	0,32	SCS	2,88
						1	0,14	rank	400.

Type data	SHA 10/2018	Herds	20 / 12	Daug.	48	77,2	Rel.	75 %	TYPE	-0,30
								rank	592.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,29									
Angularity	-0,09									
Chest Width	-0,62									
Body Depth	-0,65									
Rump Angle	-0,56									
Rear Legs Side View	0,92									
Foot Angle	0,71									
Fore Udder Attachment	-0,79									
Front Teat Placement	-1,00									
Teat Length	0,57									
Rear Udder Height	-0,84									
Rear Udder Width	-0,16									
Central Ligament	-0,54									
Udder Depth	-0,04									
Rump Width	-1,72									
Rear Legs Rear View	0,90									
Rear Teat Placement	-0,42									
Locomotion	0,09									
Body Condition	-0,18									

daught. average

79,1	Frame	-0,62
76,0	Dairy Strength	-0,38
78,1	Feet & Legs	0,94
76,0	Udder	-0,65
	SHI	-8,0
	rank	499.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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Bull name	Registration number	Birth date	State Register
VAJHATI ZOLYOM LANTZ-ET	HU003220120226	24.06.2000	LU-020

Country of origin	HU	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	30.01.2001
		HUN	24451/01

Pedigree

Sire	PGS	NORRIELAKE CLEITUS LUKE-TWIN
RICECREST LANTZ-ET		US000002071864
US000002266008	PGD	RICECREST SOUTHWIND KAYE-ET
LU-011		US000014334791
Dam	MGS	SHEN-VAL NV LM FORMATION-ET
HUN-VAJHATI FORMATION-BABA-ET		US000002163822
HU003025951584	MGD	FURO-WAY BELLWOOD BABE-ET
		US000015965733

Milk production data	SK 10/2018	Herds	37	Daug.	109	Rel.	94 %	SPI	167
Number controls		BV		Milk		Fat	%	rank	430.
2230				123		-4	-0,18	2	-0,05
								SCS	2,90
								rank	423.

Type data	SHA 10/2018	Herds	11 / 6	Daug.	30	78,1	Rel.	70 %	TYPE	-0,30
								rank	593.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,23									
Angularity	0,31									
Chest Width	0,87									
Body Depth	-0,01									
Rump Angle	-1,42									
Rear Legs Side View	0,15									
Foot Angle	-0,36									
Fore Udder Attachment	-0,17									
Front Teat Placement	0,28									
Teat Length	0,95									
Rear Udder Height	-0,16									
Rear Udder Width	0,04									
Central Ligament	0,92									
Udder Depth	0,02									
Rump Width	-0,89									
Rear Legs Rear View	-0,42									
Rear Teat Placement	0,11									
Locomotion	-2,34									
Body Condition	-0,91									

daught. average

81,7	Frame	-0,13
79,2	Dairy Strength	0,74
77,5	Feet & Legs	-1,07
76,1	Udder	-0,08
	SHI	-7,1
	rank	495.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
PAGEN ERNWOOD DANE-ET	US000017007935	14.03.1995	ZEB-002

Country of origin	US	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	21.05.2002
		USA	8507

Pedigree

Sire	PGS	ARLINDA MELWOOD-ET
ZIELLAND ZEBO		US000001879149
US000002137511	PGD	ZIELLAND FUTURE HANNAH
MEW-003		US000012630224
Dam	MGS	SINGING-BROOK N-BOY MASCOT-ET
BEACHLAWN MASCOT DOREY-ET		US000002020049 NBY-011
US000015244327	MGD	BEACHLAWN DUTCHOE BELL
		US000012323330

Milk production data	SK 10/2018	Herds	14	Daug.	133	Rel.	95 %	SPI	956
Number controls		BV		Milk		Fat	%	Prot.	%
2783				153	14	0,14	6	0,01	SCS
									rank
									287.
									rank
									239.

Type data	SHA 10/2018	Herds	9 / 6	Daug.	30	79,0	Rel.	69 %	TYPE	-0,31
									rank	594.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,76									
Angularity	-0,87									
Chest Width	-1,86									
Body Depth	-0,46									
Rump Angle	-1,46									
Rear Legs Side View	1,11									
Foot Angle	1,16									
Fore Udder Attachment	0,51									
Front Teat Placement	-0,19									
Teat Length	-0,31									
Rear Udder Height	1,08									
Rear Udder Width	1,27									
Central Ligament	0,27									
Udder Depth	-0,33									
Rump Width	-0,68									
Rear Legs Rear View	-1,02									
Rear Teat Placement	0,12									
Locomotion	0,20									
Body Condition	-0,14									

daught. average	79,5	Frame	-1,24
	76,9	Dairy Strength	-1,58
	80,8	Feet & Legs	0,76
	79,0	Udder	0,60
		SHI	16,4
		rank	390.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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Bull name	Registration number	Birth date	State Register
MATTHEW	FR005996012389	05.08.1996	MNL-010
Country of origin	FR	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	13.06.2002
		FRA	96100329

Pedigree

Sire	PGS	EXELS S-W-D EAGLE
LUTZ-MEADOWS E MANDEL-ET		US000001858047
US000002119526	PGD	LUTZ-MEADOWS MARK MEDLEY-ET
		US000012593031
Dam	MGS	SOUTHWIND BELL OF BAR-LEE
BAILEY		US000001964484
US000014212115	MGD	MOOD BOSSY
		US000013212360

Milk production data	SK 10/2018	Herds	139	Daug.	2705	Rel.	99 %	SPI	-516
Number controls		BV		Milk		Fat	%	Prot.	%
52283				0		-15	-0,29	-2	-0,04
								SCS	2,80
								rank	573.
								rank	306.

Type data	SHA 10/2018	Herds	100 / 29	Daug.	561	78,2	Rel.	97 %	TYPE	-0,31
									rank	595.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	1,22									
Angularity	-0,50									
Chest Width	-0,92									
Body Depth	-0,45									
Rump Angle	0,54									
Rear Legs Side View	0,86									
Foot Angle	1,05									
Fore Udder Attachment	0,82									
Front Teat Placement	0,12									
Teat Length	1,29									
Rear Udder Height	-0,47									
Rear Udder Width	-1,62									
Central Ligament	-0,42									
Udder Depth	0,67									
Rump Width	1,75									
Rear Legs Rear View	-0,88									
Rear Teat Placement	0,75									
Locomotion	-1,38									
Body Condition	-0,73									

daught. average

82,1	Frame	1,02
78,1	Dairy Strength	-0,93
78,2	Feet & Legs	-0,30
76,4	Udder	-0,91
	SHI	-28,0
	rank	581.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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Bull name	Registration number	Birth date	State Register
LITHIUM	NL000343909189	13.06.2002	LBL-002

Country of origin	NL	Breed	R100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	19.09.2002
		NL	89145

Pedigree

Sire	PGS	ETAZON LABELLE-ET
LIGHTNING		NL000460942030
NL000170475222	PGD	TILLY
		NL000813510817
Dam	MGS	NEWHOUSE RONALD
TINY 92		NL000777430664
NL000222806334	MGD	TINY 80
		NL000113604751

Milk production data	SK 10/2018	Herds	99	Daug.	2608	Rel.	99 %	SPI	707
Number controls		BV		Milk		Fat		rank	326.
46987				266		-6	-0,31	8	-0,01
								SCS	3,11
								rank	701.

Type data	SHA 10/2018	Herds	16 / 6	Daug.	69	80,0	Rel.	82 %	TYPE	-0,32
								rank	596.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	1,18									
Angularity	-0,96									
Chest Width	0,33									
Body Depth	-0,00									
Rump Angle	1,28									
Rear Legs Side View	-0,42									
Foot Angle	-0,64									
Fore Udder Attachment	-1,11									
Front Teat Placement	1,42									
Teat Length	-0,76									
Rear Udder Height	-0,43									
Rear Udder Width	0,13									
Central Ligament	-0,66									
Udder Depth	-0,43									
Rump Width	0,68									
Rear Legs Rear View	0,19									
Rear Teat Placement	2,20									
Locomotion	-0,39									
Body Condition	0,22									

daught. average	85,0	Frame	1,08
	80,8	Dairy Strength	-0,97
	81,1	Feet & Legs	-0,76
	76,6	Udder	-0,68
		SHI	8,4
		rank	433.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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Bull name	Registration number	Birth date	State Register
UNGARN-ET	DE00000564715	24.10.2000	UBB-001
Country of origin	DE	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	08.12.2000
		DEU	01/11807

Pedigree

Sire	PGS	PEN SPRING MR C (UGELA BELL)
UBBO		US000001920807
DE001012261613	PGD	PETRA
		DE001002446155
Dam	MGS	DIXELLEN DESIGN
WIMPEL 41		CA000005335690
DE000111011025	MGD	RAPSODIE
		DE000108009839

Milk production data	SK 10/2018	Herds	48	Daug.	119	Rel.	94 %	SPI	1559
Number controls		BV		Milk		Fat		rank	166.
2679				420		13	-0,06	SCS	2,99
								rank	544.

Type data	SHA 10/2018	Herds	6 / 5	Daug.	21	78,0	Rel.	58 %	TYPE	-0,32
								rank	597.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,09									
Angularity	-1,10									
Chest Width	0,18									
Body Depth	-0,51									
Rump Angle	-0,37									
Rear Legs Side View	-0,33									
Foot Angle	1,66									
Fore Udder Attachment	-0,25									
Front Teat Placement	0,06									
Teat Length	-0,22									
Rear Udder Height	-0,06									
Rear Udder Width	0,41									
Central Ligament	-0,36									
Udder Depth	-0,05									
Rump Width	0,12									
Rear Legs Rear View	-1,04									
Rear Teat Placement	0,08									
Locomotion	-0,27									
Body Condition	0,94									

daught. average

80,2	Frame	-0,06
77,7	Dairy Strength	-1,30
79,0	Feet & Legs	0,66
76,7	Udder	-0,23
	SHI	34,0
	rank	319.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
J&G TIMELESS	NL000447519347	18.04.2006	SNR-007

Country of origin	NL	Breed	R100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	30.08.2007
		NL	160418

Pedigree

Sire	PGS	DELTA SPARTA
DELTA CANVAS		NL000137409985
NL000288458773	PGD	DELTA CANBERRA
		NL000141317243
Dam	MGS	LA PRESENTATION DOMINO-ET
TEATIME-ET		CA000006928149
DE000579888332	MGD	HICKORYMEA CLI TES P-RED-ET
		US000129008200

Milk production data	SK 10/2018	Herds	33	Daug.	792	Rel.	98 %	SPI	1287
Number controls		BV		Milk		Fat	%	rank	216.
10226				449		0	-0,31	SCS	3,00
								rank	567.

Type data	SHA 10/2018	Herds	9 / 4	Daug.	36	80,4	Rel.	67 %	TYPE	-0,33
								rank	598.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,41									
Angularity	0,80									
Chest Width	-1,75									
Body Depth	-1,28									
Rump Angle	1,04									
Rear Legs Side View	-0,75									
Foot Angle	-0,68									
Fore Udder Attachment	1,76									
Front Teat Placement	-1,12									
Teat Length	-0,85									
Rear Udder Height	1,24									
Rear Udder Width	-0,40									
Central Ligament	-0,02									
Udder Depth	0,96									
Rump Width	-1,77									
Rear Legs Rear View	0,41									
Rear Teat Placement	-0,96									
Locomotion	-1,10									
Body Condition	-1,78									

daught. average

82,4	Frame	-1,09
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80,8	Dairy Strength	-0,56
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80,4	Feet & Legs	-0,82
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79,1	Udder	0,69
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	SHI	25,8
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rank 341.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
LARELL-ET	DE000578467783	20.02.1999	LED-001
Country of origin	DE	Breed	R100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	20.04.1999
		DEU	99/5935

Pedigree

Sire	PGS	WEATHERVU HARRY-ET
CHAPEL-BANK LAREDO RED		US000002044778
US000002199279	PGD	CHAPEL-BANK INSP LYN-RED-ET
		US000014014011
Dam	MGS	KOERIER 104
MORELLE		NL000461733916
DE000576505989	MGD	MILKA
		DE000576249207

Milk production data	SK 10/2018	Herds	58	Daug.	125	Rel.	94 %	SPI	-1803
Number controls		BV		Milk		Fat		rank	883.
2625				-407		-5	0,20	SCS	2,88
						-17	-0,11	rank	394.

Type data	SHA 10/2018	Herds	7 / 6	Daug.	20	76,7	Rel.	58 %	TYPE	-0,33
								rank	599.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,22									
Angularity	0,63									
Chest Width	-0,37									
Body Depth	0,09									
Rump Angle	-0,66									
Rear Legs Side View	-0,35									
Foot Angle	0,79									
Fore Udder Attachment	-1,00									
Front Teat Placement	-1,40									
Teat Length	1,05									
Rear Udder Height	-0,79									
Rear Udder Width	-0,11									
Central Ligament	-1,07									
Udder Depth	-1,45									
Rump Width	-1,57									
Rear Legs Rear View	-1,40									
Rear Teat Placement	-1,65									
Locomotion	-1,25									
Body Condition	-0,51									

daught. average

78,0	Frame	-0,20
77,0	Dairy Strength	0,56
78,6	Feet & Legs	-0,14
74,6	Udder	-0,70
	SHI	-67,4
	rank	719.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
WEGGELHORSTER SANTANA	NL000379401837	15.10.2003	ZID-001
Country of origin	NL	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	08.12.2003
		NLD	107231

Pedigree

Sire	PGS	SABBIONA GIGH
CERETTESE ZIDANE-ET		IT001308046686
IT000601040506	PGD	UPUPA-ET
		IT000601033897
Dam	MGS	WEL-BROOK ROYAL GENTRY-ET
DIRNDEL 22		US000002031288
NL000835093215	MGD	DIRNDEL 20
		NL000777979903

Milk production data	SK 10/2018	Herds	28	Daug.	122	Rel.	94 %	SPI	-208
Number controls		BV		Milk		Fat	%	Prot.	%
2594				-146		-4	0,01	2	0,13
								SCS	2,75
								rank	498.
								rank	244.

Type data	SHA 10/2018	Herds	6 / 3	Daug.	11	78,0	Rel.	45 %	TYPE	-0,33
									rank	600.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,32									
Angularity	1,03									
Chest Width	-0,81									
Body Depth	-0,22									
Rump Angle	0,01									
Rear Legs Side View	-0,93									
Foot Angle	-1,30									
Fore Udder Attachment	-0,55									
Front Teat Placement	-0,02									
Teat Length	-0,53									
Rear Udder Height	-1,09									
Rear Udder Width	0,81									
Central Ligament	0,61									
Udder Depth	-0,61									
Rump Width	0,56									
Rear Legs Rear View	0,91									
Rear Teat Placement	0,36									
Locomotion	0,49									
Body Condition	1,45									

daught. average

80,4	Frame	-0,45
79,1	Dairy Strength	0,49
78,5	Feet & Legs	-0,21
76,0	Udder	-0,32
	SHI	-19,3
	rank	552.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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Bull name	Registration number	Birth date	State Register
CERNOV IBIS-ET	CZ000183484061	29.09.2004	MED-006
Country of origin	CZ	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	11.07.2005
		CSK	0402326

Pedigree

Sire **PGS** HA-HO CUBBY MANFRED-ET
O-BEE MANFRED JUSTICE-ET
US000122358313
MED-012

PGD MEIER-MEADOWS EL JEZEBEL-ET
US000015459080

Dam **MGS** RICECREST MARSHALL-ET
US000002297473
MNL-007

MGD PEN COL MATTIE CRISSY-ET
US000123952529

Milk production data	SK 10/2018	Herds	73	Daug.	1012	Rel.	99 %	SPI	2109
Number controls		BV		Milk		Fat		rank	113.
19968				582		9	-0,23	SCS	3,33
						16	-0,04	rank	979.

Type data	SHA 10/2018	Herds	39 / 19	Daug.	138	79,1	Rel.	90 %	TYPE	-0,33
								rank	601.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,02									
Angularity	-1,41									
Chest Width	1,24									
Body Depth	-0,02									
Rump Angle	-1,43									
Rear Legs Side View	-1,09									
Foot Angle	1,24									
Fore Udder Attachment	-0,47									
Front Teat Placement	1,81									
Teat Length	-0,08									
Rear Udder Height	-1,20									
Rear Udder Width	-0,84									
Central Ligament	-0,02									
Udder Depth	-0,54									
Rump Width	0,28									
Rear Legs Rear View	-0,53									
Rear Teat Placement	0,25									
Locomotion	1,25									
Body Condition	0,94									

daught. average

82,8 **Frame** **0,07**

79,3 **Dairy Strength** **-1,09**

81,4 **Feet & Legs** **1,42**

76,1 **Udder** **-0,94**

SHI **50,4**

rank 258.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
CALM-ET	DE001020752241	02.05.1989	CLE-008
Country of origin	DE	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	21.07.1989
		DEU	89/8360

Pedigree

Sire	PGS	SWEET-HAVEN TRADITION
BIS-MAY TRADITION CLEITUS		US000001682485
US000001879085	PGD	BIS-MAY CONDUCTOR CORAL
CLE-003		US000010192628
Dam	MGS	S-W-D VALIANT
FRAUKE		US000001650414
DE001020066939	MGD	FRITZI 02
		DE001008503545

Milk production data	SK 10/2018	Herds	57	Daug.	693	Rel.	99 %	SPI	-2593
Number controls		BV		Milk		Fat	%	Prot.	%
13094				-730		-10	0,37	-20	0,06
								SCS	3,01
								rank	577.

Type data	SHA 10/2018	Herds	5 / 5	Daug.	28	76,3	Rel.	72 %	TYPE	-0,34
									rank	602.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,79									
Angularity	-0,04									
Chest Width	0,39									
Body Depth	0,07									
Rump Angle	-0,13									
Rear Legs Side View	0,97									
Foot Angle	0,66									
Fore Udder Attachment	0,38									
Front Teat Placement	-1,51									
Teat Length	0,07									
Rear Udder Height	-0,88									
Rear Udder Width	-0,11									
Central Ligament	-0,43									
Udder Depth	-0,26									
Rump Width	0,50									
Rear Legs Rear View	1,66									
Rear Teat Placement	-0,34									
Locomotion	-0,43									
Body Condition	0,50									

daught. average

77,4	Frame	-0,55
74,1	Dairy Strength	0,68
77,4	Feet & Legs	0,45
76,4	Udder	-0,83
	SHI	-91,8
	rank	785.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
APINA CLOUSEAU	NL000298541261	29.07.2001	ORK-002
Country of origin	NL	Breed	R100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	11.10.2001
		NL	68162

Pedigree

Sire	PGS	CLARA S ORKAN RED
COUSIN		NL000283076619
DE000110199291	PGD	TRAUM
		DE000108133359
Dam	MGS	JUBEL
APINA TILLY 8		DE000505893133
NL000203537206	MGD	APINA TILLY 1
		NL000173833074

Milk production data	SK 10/2018	Herds	71	Daug.	1577	Rel.	99 %	SPI	-106
Number controls		BV		Milk		Fat	%	Prot.	%
33081				-382	8	0,45	3	0,34	SCS
									rank
									480.
									rank
									482.

Type data	SHA 10/2018	Herds	29 / 11	Daug.	339	78,2	Rel.	95 %	TYPE	-0,34
									rank	603.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,36									
Angularity	-0,82									
Chest Width	0,12									
Body Depth	-0,18									
Rump Angle	0,31									
Rear Legs Side View	0,19									
Foot Angle	-0,67									
Fore Udder Attachment	0,15									
Front Teat Placement	-0,24									
Teat Length	-0,74									
Rear Udder Height	-0,08									
Rear Udder Width	0,27									
Central Ligament	-1,23									
Udder Depth	-0,64									
Rump Width	-1,19									
Rear Legs Rear View	1,51									
Rear Teat Placement	-2,28									
Locomotion	-0,38									
Body Condition	0,86									

daught. average

82,4	Frame	0,26
78,9	Dairy Strength	-0,83
78,6	Feet & Legs	-0,43
75,5	Udder	-0,33
	SHI	-16,8
	rank	537.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
DELTA FIDELITY	NL000396647605	11.09.2004	AND-004
Country of origin	NL	Breed	R87,5 M12,5
Distributor	INSEMAS s.r.o.	Herdbook	HB
		Paternity	16.02.2005
		NL	121691

Pedigree

Sire	PGS	ANDRIES
KIAN		NL000775244823
NL000207288005	PGD	KITTY 24
		NL000833237361
Dam	MGS	LIGHTNING
BLES		NL000170475222
NL000354090045	MGD	HOLLAND JALTA
		NL000240699512

Milk production data	SK 10/2018	Herds	9	Daug.	131	Rel.	93 %	SPI	-89
Number controls		BV		Milk		Prot.	%	rank	...
2022				-399	10	3	0,36	SCS	3,28
								rank	...

Type data	SHA 10/2018	Herds	8 / 1	Daug.	26	80,6	Rel.	62 %	TYPE	-0,36
								rank	604.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,06									
Angularity	-1,00									
Chest Width	1,16									
Body Depth	-0,11									
Rump Angle	-0,52									
Rear Legs Side View	0,01									
Foot Angle	0,28									
Fore Udder Attachment	-0,41									
Front Teat Placement	0,65									
Teat Length	-1,58									
Rear Udder Height	-0,75									
Rear Udder Width	3,16									
Central Ligament	-1,89									
Udder Depth	-1,35									
Rump Width	0,42									
Rear Legs Rear View	2,25									
Rear Teat Placement	-0,46									
Locomotion	0,36									
Body Condition	1,58									

daught. average

84,2	Frame	0,47
80,8	Dairy Strength	-1,05
84,2	Feet & Legs	0,26
76,8	Udder	-0,81
	SHI	-17,1
	rank	540.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
WELLS CATALYST-ET	US000002193611	20.06.1991	BEL-018
Country of origin	US	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	07.09.1992
		USA	IG174385D

Pedigree

Sire	PGS	CARLIN-M IVANHOE BELL
SOUTHWIND BELL OF BAR-LEE		US000001667366
US000001964484	PGD	SOUTHWIND VALIANT NAOMA-ET
BEL-001		US000011489023
Dam	MGS	ARLINDA MELWOOD-ET
BARN-AIRES VAL-MEL CAROL-ET		US000001879149
US000013757685	MGD	THREE-BS VALIANT BELL CATHY-ET
		US000012992112

Milk production data	SK 10/2018	Herds	28	Daug.	97	Rel.	94 %	SPI	1535
Number controls		BV		Milk		Fat	%	rank	168.
2082				387		11	-0,08	SCS	3,52
						11	-0,03	rank	1151.

Type data	SHA 10/2018	Herds	17 / 13	Daug.	33	77,1	Rel.	76 %	TYPE	-0,36
								rank	605.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,14									
Angularity	-2,14									
Chest Width	1,20									
Body Depth	1,37									
Rump Angle	0,73									
Rear Legs Side View	0,14									
Foot Angle	1,01									
Fore Udder Attachment	0,14									
Front Teat Placement	-0,94									
Teat Length	0,07									
Rear Udder Height	-1,66									
Rear Udder Width	-1,40									
Central Ligament	0,91									
Udder Depth	-0,68									
Rump Width	-0,15									
Rear Legs Rear View	0,90									
Rear Teat Placement	0,23									
Locomotion	-0,59									
Body Condition	-0,73									

daught. average

80,2	Frame	0,67
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74,9	Dairy Strength	-1,45
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78,2	Feet & Legs	0,84
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76,1	Udder	-0,87
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	SHI	31,9
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rank 323.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
RUGARD	DE000579516286	31.03.2002	RUD-006
Country of origin	DE	Breed	R100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	19.05.2002
		DEU	02/7052

Pedigree

Sire	PGS	RUDI
RUBENS		DE000609695599
DE000577182316	PGD	WS ARKTIS
		DE000576424318
Dam	MGS	KOMMANDEUR LEADER 1
ALINA		NL000775157228
DE000343347520	MGD	ARABELLA
		DE000340622603

Milk production data	SK 10/2018	Herds	34	Daug.	112	Rel.	93 %	SPI	1184
Number controls		BV		Milk	Fat	%	Prot.	%	rank
2365				319	3	-0,17	10	-0,00	SCS
									rank
									237.
									2,35
									rank
									36.

Type data	SHA 10/2018	Herds	7 / 5	Daug.	32	77,6	Rel.	71 %	TYPE	-0,36
									rank	606.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-1,07									
Angularity	1,14									
Chest Width	-2,42									
Body Depth	-2,17									
Rump Angle	2,60									
Rear Legs Side View	-0,70									
Foot Angle	0,70									
Fore Udder Attachment	0,63									
Front Teat Placement	0,55									
Teat Length	-1,40									
Rear Udder Height	1,67									
Rear Udder Width	1,30									
Central Ligament	-0,83									
Udder Depth	0,03									
Rump Width	-0,33									
Rear Legs Rear View	1,06									
Rear Teat Placement	0,79									
Locomotion	-0,51									
Body Condition	-1,89									

daught. average

77,0	Frame	-1,76
78,3	Dairy Strength	-0,64
77,6	Feet & Legs	-0,06
77,4	Udder	0,91
	SHI	21,2
	rank	366.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
SEABREEZE GOLDSTAR	NL000462262086	26.04.1990	BS-011
Country of origin NL		Breed	H100
Distributor		Herdbook	HA
		Paternity	

Pedigree

Sire	PGS	CAL-CLARK BOARD CHAIRMAN
TO-MAR BLACKSTAR-ET		US000001723741
US000001929410	PGD	TO-MAR WAYNE HAY
CHR-002		US000009804790
Dam	MGS	BROWNCROFT JETSON
LYLEHAVEN JETSON,SEABREEZE-ET		US000001721509
US000012653731	MGD	HYALITE VALIANT,SUNSHINE
		US000010715535

Milk production data	SK 10/2018	Herds	46	Daug.	248	Rel.	97 %	SPI	-1342
Number controls		BV		Milk		Fat		rank	766.
5015				-226		-11	-0,05	SCS	2,60
						-12	-0,11	rank	129.

Type data	SHA 10/2018	Herds	5 / 5	Daug.	11	77,4	Rel.	50 %	TYPE	-0,37
								rank	607.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,03									
Angularity	0,19									
Chest Width	-1,94									
Body Depth	-1,31									
Rump Angle	0,53									
Rear Legs Side View	0,11									
Foot Angle	-0,91									
Fore Udder Attachment	0,29									
Front Teat Placement	0,42									
Teat Length	-1,50									
Rear Udder Height	-0,31									
Rear Udder Width	-0,80									
Central Ligament	0,94									
Udder Depth	0,78									
Rump Width	-0,57									
Rear Legs Rear View	-1,47									
Rear Teat Placement	0,73									
Locomotion	-0,81									
Body Condition	-0,69									

daught. average

77,2	Frame	-0,87
74,4	Dairy Strength	-0,28
79,5	Feet & Legs	-0,77
78,1	Udder	0,45
	SHI	-55,2
	rank	681.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
DEICHVOGT-ET	DE00000595544	01.01.2001	MES-007
Country of origin	DE	Breed	R100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	28.02.2001
		DEU	01/3548

Pedigree

Sire	PGS	BROOKNOOK MILESTONE-ET RED
CEDARWAL DENNY-ET		CA000000400985
CA000006291133	PGD	CEDARWAL CARY AEROSTAR
MES-005		CA000005704377
Dam	MGS	FORTTRAN PODONQUE ATLAS-RED-ET
MYLADY 114		US000001959160
DE000108067912	MGD	MARYLOU 302
		DE000663022800

Milk production data	SK 10/2018	Herds	35	Daug.	95	Rel.	93 %	SPI	-1481
Number controls		BV		Milk		Fat	%	Prot.	%
2064				-199		-11	-0,07	-14	-0,19
								SCS	2,99
								rank	808.
								rank	542.

Type data	SHA 10/2018	Herds	7 / 6	Daug.	14	76,8	Rel.	55 %	TYPE	-0,38
								rank	608.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-1,63									
Angularity	-0,32									
Chest Width	0,41									
Body Depth	0,26									
Rump Angle	-0,17									
Rear Legs Side View	0,79									
Foot Angle	-1,65									
Fore Udder Attachment	0,60									
Front Teat Placement	1,28									
Teat Length	0,58									
Rear Udder Height	0,10									
Rear Udder Width	0,96									
Central Ligament	-0,40									
Udder Depth	-0,20									
Rump Width	0,21									
Rear Legs Rear View	-1,00									
Rear Teat Placement	-1,05									
Locomotion	1,43									
Body Condition	1,25									

daught. average

76,6	Frame	-1,17
76,7	Dairy Strength	0,24
78,2	Feet & Legs	-0,78
76,3	Udder	0,38
	SHI	-59,8
	rank	693.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
YLSTER ALF	NL000290848429	30.08.2000	BES-010
Country of origin	NL	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	22.11.2000
		NL	54625

Pedigree

Sire	PGS	BESNE-BUCK
JOCKO BESN		FR004486041658
FR005694028588	PGD	GAIA
		FR005691017484
Dam	MGS	EASTLAND CASH
NEW MOORE EC ALIE		NL000775328514
NL000193759365	MGD	ZELINA UGELA
		NL000518324083

SUB-005

Milk production data	SK 10/2018	Herds	8	Daug.	111	Rel.	94 %	SPI	1422
Number controls		BV		Milk		Fat	%	Prot.	%
2022				271		12	0,02	11	0,05
								SCS	3,70
								rank	...
								rank	...

Type data	SHA 10/2018	Herds	7 / 4	Daug.	31	78,3	Rel.	70 %	TYPE	-0,38
									rank	609.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,42									
Angularity	-0,43									
Chest Width	-0,04									
Body Depth	-0,90									
Rump Angle	0,82									
Rear Legs Side View	-0,99									
Foot Angle	-1,54									
Fore Udder Attachment	-0,47									
Front Teat Placement	0,43									
Teat Length	-0,09									
Rear Udder Height	0,13									
Rear Udder Width	1,09									
Central Ligament	0,35									
Udder Depth	-1,12									
Rump Width	0,27									
Rear Legs Rear View	-0,38									
Rear Teat Placement	0,06									
Locomotion	0,74									
Body Condition	-0,17									

daught. average

82,9	Frame	-0,36
78,8	Dairy Strength	-0,73
77,5	Feet & Legs	-0,45
76,0	Udder	-0,04
	SHI	27,7
	rank	332.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
QUIETCOVE FREDERICK-ET	US000002121166	28.10.1989	PTC-009
Country of origin	US	Breed	H100
Distributor		Herdbook	HA
		Paternity	

Pedigree

Sire	PGS	CARLIN-M IVANHOE BELL
ART ACRES BELL PONTIAC-ET		US000001667366
US000001878472	PGD	ART-ACRES ELEVATION KAY
PTC-001		US000008733981
Dam	MGS	S-W-D VALIANT
QUIETCOVE VALIANT FAWN		US000001650414
US0000011649988	MGD	QUIETCOVE PETE FRESCA
		US0000010449277

Milk production data	SK 10/2018	Herds	24	Daug.	292	Rel.	98 %	SPI	-3052
Number controls		BV		Milk		Prot.		rank	1140.
5543				-690	-19	0,15	-24	SCS	2,90
								rank	427.

Type data	SHA 10/2018	Herds	8 / 5	Daug.	20	76,6	Rel.	68 %	TYPE	-0,38
								rank	610.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,16									
Angularity	-0,28									
Chest Width	-0,17									
Body Depth	0,51									
Rump Angle	-0,34									
Rear Legs Side View	-0,20									
Foot Angle	0,18									
Fore Udder Attachment	0,40									
Front Teat Placement	0,91									
Teat Length	1,20									
Rear Udder Height	0,06									
Rear Udder Width	-0,08									
Central Ligament	-0,28									
Udder Depth	-0,02									
Rump Width	-1,02									
Rear Legs Rear View	0,03									
Rear Teat Placement	-0,40									
Locomotion	-1,50									
Body Condition	-0,46									

daught. average

80,8	Frame	-0,24
72,3	Dairy Strength	-0,50
77,5	Feet & Legs	-0,29
76,4	Udder	0,11
	SHI	-107,3
	rank	807.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
GIBBON	FR002991000305	27.08.1991	BEL-019
Country of origin	FR	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	12.08.1996
		FRA	GS482015

Pedigree

Sire	PGS	CARLIN-M IVANHOE BELL
SOUTHWIND BELL OF BAR-LEE		US000001667366
US000001964484	PGD	SOUTHWIND VALIANT NAOMA-ET
BEL-001		US000011489023
Dam	MGS	BIT-O-WIND STARWAR
COLOMBE		US000001811374
FR002987038678	MGD	UGUETTECIA
		FR002983040876

Milk production data	SK 10/2018	Herds	17	Daug.	67	Rel.	93 %	SPI	2029
Number controls		BV		Milk	Fat	%	Prot.	%	rank
1450				435	11	-0,10	17	0,07	SCS
									rank
									119.
									502.

Type data	SHA 10/2018	Herds	13 / 8	Daug.	41	77,0	Rel.	81 %	TYPE	-0,39
									rank	611.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,70									
Angularity	-0,65									
Chest Width	0,06									
Body Depth	1,05									
Rump Angle	-0,32									
Rear Legs Side View	0,55									
Foot Angle	-0,44									
Fore Udder Attachment	-0,58									
Front Teat Placement	-0,98									
Teat Length	-1,75									
Rear Udder Height	0,01									
Rear Udder Width	-0,15									
Central Ligament	-0,49									
Udder Depth	-0,42									
Rump Width	-0,24									
Rear Legs Rear View	0,15									
Rear Teat Placement	-1,56									
Locomotion	-0,83									
Body Condition	-0,92									

daught. average

80,3	Frame	0,72
75,7	Dairy Strength	-0,34
76,5	Feet & Legs	-0,78
76,1	Udder	-0,88
	SHI	45,8
	rank	277.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
RAPIDO	DE000533447297	14.12.2001	MOR-013
Country of origin	DE	Breed	R100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	05.02.2002
		DEU	02/2120

Pedigree

Sire	PGS	MR HURL-THREE MOMENTUM RED-ET
RAINBOW-ET		US000002041332
US000002260994	PGD	MISS RAINBOW LMAN 616-ET
		US000014373103
Dam	MGS	NORRIELAKE CLEITUS LUKE-TWIN
MY-LIFE 128		US000002071864
DE000731196823	MGD	MYLADY 1
		DE001014065357

Milk production data	SK 10/2018	Herds	35	Daug.	99	Rel.	92 %	SPI	-1945
Number controls		BV		Milk		Fat		rank	915.
2038				-512		-12	0,14	SCS	2,71
						-14	0,04	rank	206.

Type data	SHA 10/2018	Herds	6 / 5	Daug.	13	76,8	Rel.	51 %	TYPE	-0,40
								rank	612.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,26									
Angularity	-1,47									
Chest Width	1,20									
Body Depth	2,60									
Rump Angle	-0,43									
Rear Legs Side View	-1,36									
Foot Angle	1,69									
Fore Udder Attachment	-0,11									
Front Teat Placement	0,11									
Teat Length	-1,54									
Rear Udder Height	-1,88									
Rear Udder Width	-0,60									
Central Ligament	-0,27									
Udder Depth	0,10									
Rump Width	0,67									
Rear Legs Rear View	-0,05									
Rear Teat Placement	0,94									
Locomotion	-1,38									
Body Condition	2,35									

daught. average

80,5	Frame	0,25
77,2	Dairy Strength	-0,23
79,0	Feet & Legs	0,37
73,8	Udder	-1,08
	SHI	-74,5
	rank	746.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
CEDARWAL DENNY-ET	CA000000592325	01.01.1995	MES-005
Country of origin	CA	Breed	R100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	02.05.1995
		CAN	347919

Pedigree

Sire	PGS	GLENAFTON ENHANCER	
BROOKNOOK MILESTONE-ET RED		CA000000343514	
CA000000400985	PGD	BROOKNOOK MILESTONE DEE	
		CA0000003954472	
Dam	MGS	MADAWASKA AEROSTAR	
CEDARWAL CARY AEROSTAR		CA000000383622	STB-011
CA0000005704377	MGD	CEDARWAL CARY INSPIR RED	
		CA0000004497610	

Milk production data	SK 10/2018	Herds	200	Daug.	2397	Rel.	99 %	SPI	-686
Number controls		BV		Milk		Fat		rank	612.
49427				-22		-6	-0,12	SCS	3,16
						-7	-0,15	rank	759.

Type data	SHA 10/2018	Herds	19 / 11	Daug.	112	75,8	Rel.	89 %	TYPE	-0,40
								rank	613.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-1,01									
Angularity	0,98									
Chest Width	-1,13									
Body Depth	0,88									
Rump Angle	1,31									
Rear Legs Side View	1,07									
Foot Angle	-2,76									
Fore Udder Attachment	-0,05									
Front Teat Placement	0,62									
Teat Length	0,04									
Rear Udder Height	0,65									
Rear Udder Width	0,96									
Central Ligament	0,77									
Udder Depth	-1,19									
Rump Width	0,62									
Rear Legs Rear View	-0,38									
Rear Teat Placement	-0,40									
Locomotion	0,58									
Body Condition	-0,70									

daught. average

77,0	Frame	-0,89
76,6	Dairy Strength	1,06
74,8	Feet & Legs	-2,22
75,3	Udder	0,65
	SHI	-36,6
	rank	616.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
KOLLO-ET	DE000577788825	05.08.1997	KOD-003

Country of origin	DE	Breed	R100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	12.11.1997
		DEU	97/14221

Pedigree

Sire	PGS	KINGLEA LEADER
KOMMANDEUR LEADER 1		US000001926780
NL000775157228	PGD	MINA 648
		NL000512249355
Dam	MGS	MEADOLAKE JUBILANT-ET
ASTRA		CA000000376455
DE001012209974	MGD	AUSTRIA
		DE001002312201

Milk production data	SK 10/2018	Herds	24	Daug.	281	Rel.	97 %	SPI	-2081
Number controls		BV		Milk		Fat	%	rank	939.
5565				-704		-15	0,25	SCS	3,71
							-11	rank	1229.
							0,27		

Type data	SHA 10/2018	Herds	5 / 3	Daug.	14	78,6	Rel.	59 %	TYPE	-0,40
								rank	614.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,09									
Angularity	-1,29									
Chest Width	0,48									
Body Depth	1,08									
Rump Angle	0,91									
Rear Legs Side View	1,03									
Foot Angle	-1,43									
Fore Udder Attachment	-1,30									
Front Teat Placement	-0,30									
Teat Length	1,05									
Rear Udder Height	-0,02									
Rear Udder Width	1,07									
Central Ligament	-0,27									
Udder Depth	-1,46									
Rump Width	1,19									
Rear Legs Rear View	1,92									
Rear Teat Placement	0,76									
Locomotion	1,10									
Body Condition	0,21									

daught. average

84,1	Frame	0,43
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78,4	Dairy Strength	-0,65
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80,1	Feet & Legs	-0,22
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75,2	Udder	-0,42
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	SHI	-78,6
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rank 758.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
GLEN-TOCTIN SLOCUM	US000002097322	22.12.1988	CLE-015
Country of origin	US	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	29.09.1989
		USA	IG129708A

Pedigree

Sire	PGS	SWEET-HAVEN TRADITION
BIS-MAY TRADITION CLEITUS		US000001682485
US000001879085	PGD	BIS-MAY CONDUCTOR CORAL
CLE-003		US000010192628
Dam	MGS	WALKWAY CHIEF MARK
GLEN-TOCTIN MARK SAGE		US000001773417
US000012631699	MGD	GLEN-TOCTIN DELGATE SCARLET-ET
		US000011658911

Milk production data	SK 10/2018	Herds	34	Daug.	111	Rel.	95 %	SPI	-1120
Number controls		BV		Milk		Fat		rank	719.
2150				-73		-1	-0,14	SCS	3,63
						-12	-0,21	rank	1202.

Type data	SHA 10/2018	Herds	22 / 12	Daug.	37	77,9	Rel.	79 %	TYPE	-0,40
								rank	615.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,50					■				
Angularity	0,55						■			
Chest Width	-0,40					■				
Body Depth	-0,52					■				
Rump Angle	0,74						■			
Rear Legs Side View	0,36						■			
Foot Angle	-0,40					■				
Fore Udder Attachment	-0,66					■				
Front Teat Placement	0,71						■			
Teat Length	-1,00					■				
Rear Udder Height	0,45						■			
Rear Udder Width	-0,35					■				
Central Ligament	-0,11							■		
Udder Depth	0,49						■			
Rump Width	-0,34					■				
Rear Legs Rear View	-0,11								■	
Rear Teat Placement	1,56							■		
Locomotion	-0,51					■				
Body Condition	-0,95					■				

daught. average

79,2	Frame	-0,52
76,2	Dairy Strength	0,64
78,2	Feet & Legs	-0,34
78,0	Udder	-0,24
	SHI	-49,7
	rank	665.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
HEIHOEVE DELTA FLINT	NL000262338769	16.01.2000	CES-009
Country of origin	Breed		R100
NL	Herdbook		HA
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.		Paternity 10.01.2003
	NL		52412

Pedigree

Sire	PGS	DELTA TORERO
PEELFARM RENS		NL000144728347
NL000202675745	PGD	PEELFARM GRIETJE 54
		NL000112905778
Dam	MGS	SPEKTRUM PIGEONWOOD 2-RED
GUSTI 42		NL000793715518
NL000198933717	MGD	GUSTI 18
		NL000808344016

Milk production data	SK 10/2018	Herds	60	Daug.	1441	Rel.	99 %	SPI	-335
Number controls	BV	Milk	Fat	%	Prot.	%	rank	529.	
30703		-538	22	0,87	-3	0,32	SCS	3,13	
							rank	724.	

Type data	SHA 10/2018	Herds	17 / 8	Daug.	211	77,7	Rel.	93 %	TYPE	-0,40
							rank	616.		

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,01									
Angularity	-0,45									
Chest Width	-1,43									
Body Depth	-0,73									
Rump Angle	-0,59									
Rear Legs Side View	-0,37									
Foot Angle	1,73									
Fore Udder Attachment	1,28									
Front Teat Placement	0,64									
Teat Length	0,55									
Rear Udder Height	-0,65									
Rear Udder Width	-0,65									
Central Ligament	-1,82									
Udder Depth	0,12									
Rump Width	-2,25									
Rear Legs Rear View	-1,78									
Rear Teat Placement	-0,27									
Locomotion	-0,19									
Body Condition	-0,50									

daught. average

80,8	Frame	-0,57
78,4	Dairy Strength	-1,23
79,4	Feet & Legs	1,19
75,0	Udder	-0,27
	SHI	-26,0
	rank	571.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
TALIST-ET	DE000348613244	22.03.2005	SOM-013
Country of origin	DE	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	24.05.2005
		DE	05/37459

Pedigree

Sire	PGS	MAUGHLIN STORM-ET
LADINO PARK TALENT-IMP-ET		CA000005457798
AU000000930377	PGD	MARKWELL LEADER ROSE-ET
		US000015804313
Dam	MGS	RICECREST LANTZ-ET
ALICE 1		US000002266008
NL000288860620	MGD	NEU-WAY PATRON ALLIE-ET
		US000017216847

Milk production data	SK 10/2018	Herds	21	Daug.	116	Rel.	94 %	SPI	-86
Number controls		BV		Milk		Fat	%	Prot.	%
2439				137	3	-0,05	-6	-0,21	SCS
									rank
									477.
									rank
									883.

Type data	SHA 10/2018	Herds	14 / 6	Daug.	51	78,1	Rel.	77 %	TYPE	-0,40
									rank	617.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,72									
Angularity	-0,00									
Chest Width	-1,31									
Body Depth	-0,98									
Rump Angle	-1,01									
Rear Legs Side View	0,96									
Foot Angle	-1,24									
Fore Udder Attachment	0,62									
Front Teat Placement	0,75									
Teat Length	-0,80									
Rear Udder Height	1,16									
Rear Udder Width	-0,23									
Central Ligament	1,32									
Udder Depth	1,15									
Rump Width	-0,22									
Rear Legs Rear View	0,21									
Rear Teat Placement	0,19									
Locomotion	0,16									
Body Condition	-1,10									

daught. average

80,4	Frame	-1,29
78,3	Dairy Strength	-1,01
78,4	Feet & Legs	-0,75
76,7	Udder	1,15
	SHI	-18,7
	rank	549.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
GORBY	CZ000134204284	04.07.2002	MNL-016

Country of origin	CZ	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	31.07.2003
		CSK	0301126

Pedigree

Sire	PGS	LUTZ-MEADOWS E MANDEL-ET	
RICECREST MARSHALL-ET		US000002119526	
US000002297473	PGD	RICECREST SOUTHWIND KAYE-ET	
MNL-007		US000014334791	
Dam	MGS	EASTVIEW INFLUENCE MATTIE G	
PEN COL MATTIE CRISSY-ET		US000002203306	MAS-010
US000123952529	MGD	PEN COL DUSTER CONNIE-ET	
		US000017292143	

Milk production data	SK 10/2018	Herds	43	Daug.	231	Rel.	97 %	SPI	-1396
Number controls		BV		Milk		Fat	%	Prot.	%
4682				-274		-17	-0,13	-9	-0,01
								SCS	3,44
								rank	782.
								rank	1090.

Type data	SHA 10/2018	Herds	23 / 13	Daug.	123	78,3	Rel.	89 %	TYPE	-0,41
								rank	618.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,25									
Angularity	-1,23									
Chest Width	-0,33									
Body Depth	-0,14									
Rump Angle	-1,14									
Rear Legs Side View	0,09									
Foot Angle	0,01									
Fore Udder Attachment	-0,62									
Front Teat Placement	-1,47									
Teat Length	1,49									
Rear Udder Height	-0,11									
Rear Udder Width	0,64									
Central Ligament	1,58									
Udder Depth	-1,13									
Rump Width	-1,47									
Rear Legs Rear View	-0,41									
Rear Teat Placement	-0,60									
Locomotion	2,10									
Body Condition	0,25									

daught. average

80,5	Frame	-0,50
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77,8	Dairy Strength	-1,73
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79,3	Feet & Legs	0,87
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76,9	Udder	0,07
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	SHI	-58,3
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rank 687.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
FERRES	NL000345436711	08.03.2002	FIS-003
Country of origin	NL	Breed	R100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	30.05.2002
		DEU	02/5623

Pedigree

Sire	PGS	CLARA S ORKAN RED
CBU FERDINAND		NL000283076619
NL000136769244	PGD	FELITIA
		NL000785542535
Dam	MGS	BASAR
MASSIA 60		DE001011164690
NL000247940075	MGD	MASSIA 13
		NL000863859227

Milk production data	SK 10/2018	Herds	35	Daug.	127	Rel.	94 %	SPI	-494
Number controls		BV		Milk		Fat	%	rank	569.
2486				-157		-5	0,01	SCS	3,54
						-2	0,05	rank	1155.

Type data	SHA 10/2018	Herds	5 / 4	Daug.	14	76,8	Rel.	50 %	TYPE	-0,41
								rank	619.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,68									
Angularity	-0,31									
Chest Width	1,03									
Body Depth	0,17									
Rump Angle	1,66									
Rear Legs Side View	1,32									
Foot Angle	-1,71									
Fore Udder Attachment	-1,55									
Front Teat Placement	-0,24									
Teat Length	0,69									
Rear Udder Height	-0,80									
Rear Udder Width	1,87									
Central Ligament	0,58									
Udder Depth	-2,21									
Rump Width	0,45									
Rear Legs Rear View	-0,38									
Rear Teat Placement	-1,35									
Locomotion	0,36									
Body Condition	0,28									

daught. average

78,3	Frame	-0,13
78,2	Dairy Strength	-0,08
76,2	Feet & Legs	-0,65
75,6	Udder	-0,28
	SHI	-31,1
	rank	592.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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Bull name	Registration number	Birth date	State Register
JUNGE FUTURE-ET	US000002201220	16.08.1992	WIR-001

Country of origin	US	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	04.12.1992
		USA	IG177484C

Pedigree

Sire	PGS	ARLINDA ROTATE
TO-MAR WISTER-ET		US000001697572
US000001993037	PGD	TO-MAR WAYNE HAY
GEN-011		US000009804790
Dam	MGS	TO-MAR BLACKSTAR-ET
PLUSHANSKI BS FLUSTAR-ET		US000001929410
US000014000377	MGD	PLUSHANSKI NEIL FLUTE
		US000011002112

Milk production data	SK 10/2018	Herds	28	Daug.	318	Rel.	98 %	SPI	78
Number controls		BV		Milk		Fat	%	rank	449.
5937				56		3	-0,00	SCS	3,38
						-1	-0,07	rank	1039.

Type data	SHA 10/2018	Herds	13 / 6	Daug.	47	77,3	Rel.	75 %	TYPE	-0,41
								rank	620.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,33									
Angularity	-1,93									
Chest Width	1,75									
Body Depth	2,81									
Rump Angle	-0,15									
Rear Legs Side View	1,27									
Foot Angle	-0,96									
Fore Udder Attachment	-1,32									
Front Teat Placement	0,26									
Teat Length	1,30									
Rear Udder Height	-0,10									
Rear Udder Width	0,36									
Central Ligament	-0,73									
Udder Depth	-1,03									
Rump Width	0,96									
Rear Legs Rear View	-1,18									
Rear Teat Placement	-0,23									
Locomotion	0,24									
Body Condition	1,19									

daught. average

80,3	Frame	0,47
75,9	Dairy Strength	-0,69
77,1	Feet & Legs	-0,96
76,6	Udder	-0,30
	SHI	-14,2
	rank	524.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
LURACK	DE000578667402	24.03.1999	LOG-002
Country of origin	DE	Breed	R100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	24.11.1999
		DEU	99/14044

Pedigree

Sire	PGS	SHADY-LAWN-U LOGIC RED-ET
MASAL LUCKY RED-ET		US000002034426
US000002228267	PGD	DERRWYN CENTRA SASSY RED-ET
		US000013630917
Dam	MGS	ALPENKING
LIANE		DE000722923892
DE000576461547	MGD	LIANE
		DE000102828469

Milk production data	SK 10/2018	Herds	47	Daug.	112	Rel.	94 %	SPI	-1098
Number controls		BV		Milk	Fat	%	Prot.	%	rank
2517				-192	-1	-0,06	-9	-0,07	SCS
									rank
									712.
									817.

Type data	SHA 10/2018	Herds	5 / 4	Daug.	11	76,6	Rel.	44 %	TYPE	-0,41
									rank	621.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,34									
Angularity	-0,30									
Chest Width	0,45									
Body Depth	0,34									
Rump Angle	0,87									
Rear Legs Side View	1,21									
Foot Angle	-0,51									
Fore Udder Attachment	-1,07									
Front Teat Placement	-1,36									
Teat Length	1,39									
Rear Udder Height	-0,36									
Rear Udder Width	-0,17									
Central Ligament	-0,13									
Udder Depth	-0,80									
Rump Width	-0,62									
Rear Legs Rear View	2,20									
Rear Teat Placement	-1,16									
Locomotion	0,93									
Body Condition	0,18									

daught. average

77,8 **Frame** -0,15

76,8 **Dairy Strength** -0,41

76,2 **Feet & Legs** 0,26

76,1 **Udder** -0,79

SHI -49,7

rank 664.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
ALTAGEN-I FORBES-ET	CA000007104236	13.09.1997	CES-002
Country of origin	CA	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	14.04.1998
		CAN	415639

Pedigree

Sire	PGS	HOW-EL-ACRES KIRK BELLMAN-ET
ETAZON CELSIUS-ET		US000001874634
NL000460508522	PGD	WEA-LAND BELL ELLA
		US000012105357
Dam	MGS	SINGING-BROOK N-BOY MASCOT-ET
HOSKING MASCOT FONDA		US000002020049
US000015330913	MGD	SHEN-VAL NV SW FAWN-ET
		US000014374842

Milk production data	SK 10/2018	Herds	48	Daug.	136	Rel.	95 %	SPI	1227
Number controls		BV		Milk		Fat		rank	231.
2716				257		18	0,13	SCS	3,00
						6	-0,04	rank	560.

Type data	SHA 10/2018	Herds	15 / 10	Daug.	33	77,5	Rel.	70 %	TYPE	-0,41
								rank	622.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,71									
Angularity	-1,06									
Chest Width	0,08									
Body Depth	0,18									
Rump Angle	-0,15									
Rear Legs Side View	0,56									
Foot Angle	-0,26									
Fore Udder Attachment	0,15									
Front Teat Placement	1,71									
Teat Length	-0,03									
Rear Udder Height	-0,33									
Rear Udder Width	0,03									
Central Ligament	-1,27									
Udder Depth	-0,39									
Rump Width	-0,21									
Rear Legs Rear View	0,06									
Rear Teat Placement	0,80									
Locomotion	0,74									
Body Condition	0,04									

daught. average

79,7	Frame	-0,55
76,1	Dairy Strength	-0,72
77,9	Feet & Legs	-0,06
76,9	Udder	0,22
	SHI	20,4
	rank	372.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
PALMARES	FR004240123057	01.01.1999	GEP-001
Country of origin	FR	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	21.06.2000
		FRA	724421

Pedigree

Sire	PGS	TESK-HOLM VALIANT ROCKIE
BEACHLAWN GELPRO TOBEY-ET	US000001841366	VAL-016
US000002182343	PGD	BEACHLAWN BELL CLEITUS PRO
	US000013450817	
Dam	MGS	ETAZON LORD LILY-ET
NELLY	NL000780180664	
FR004297001873	MGD	IRMA
	FR004293000999	

Milk production data	SK 10/2018	Herds	48	Daug.	108	Rel.	93 %	SPI	1234
Number controls		BV		Milk		Fat		rank	229.
2083				284		6	-0,10	11	0,03
								SCS	3,72
								rank	1233.

Type data	SHA 10/2018	Herds	16 / 13	Daug.	33	77,2	Rel.	68 %	TYPE	-0,41
								rank	623.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,60									
Angularity	-0,18									
Chest Width	0,20									
Body Depth	0,82									
Rump Angle	-0,93									
Rear Legs Side View	1,10									
Foot Angle	-2,01									
Fore Udder Attachment	-0,84									
Front Teat Placement	0,68									
Teat Length	-1,81									
Rear Udder Height	-0,60									
Rear Udder Width	-0,22									
Central Ligament	0,93									
Udder Depth	-1,51									
Rump Width	0,80									
Rear Legs Rear View	-1,35									
Rear Teat Placement	1,37									
Locomotion	0,91									
Body Condition	-0,30									

daught. average

79,2	Frame	-0,17
76,7	Dairy Strength	0,17
77,3	Feet & Legs	-0,91
76,4	Udder	-0,14
	SHI	20,6
	rank	369.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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Bull name	Registration number	Birth date	State Register
MERTENS-ET	DK003233800902	27.08.2003	LBL-004
Country of origin	DK	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	28.01.2004
		DK	244232

Pedigree

Sire	PGS	ETAZON LABELLE-ET
MERDRIGNAC		NL000460942030
FR002296001756	PGD	HOTESSE
		FR002292022708
Dam	MGS	MANAT-ET
L M LAURA		DE002261530135
DK003233800816	MGD	L B MIA
		DK003233800762

MNL-004

Milk production data	SK 10/2018	Herds	32	Daug.	446	Rel.	98 %	SPI	1398
Number controls		BV		Milk		Fat	%	Prot.	%
7747				206	23	0,26	8	0,02	SCS
									rank
									194.
									rank
									590.

Type data	SHA 10/2018	Herds	17 / 5	Daug.	77	79,7	Rel.	82 %	TYPE	-0,42
									rank	624.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-1,63									
Angularity	0,71									
Chest Width	-1,75									
Body Depth	-1,02									
Rump Angle	-0,77									
Rear Legs Side View	-1,12									
Foot Angle	0,90									
Fore Udder Attachment	0,19									
Front Teat Placement	0,35									
Teat Length	-0,88									
Rear Udder Height	0,20									
Rear Udder Width	0,35									
Central Ligament	0,84									
Udder Depth	-1,43									
Rump Width	-2,25									
Rear Legs Rear View	1,75									
Rear Teat Placement	0,86									
Locomotion	1,04									
Body Condition	-2,00									

daught. average

81,6	Frame	-2,06
80,3	Dairy Strength	-0,46
82,6	Feet & Legs	1,56
76,9	Udder	0,13
	SHI	25,4
	rank	344.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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Bull name	Registration number	Birth date	State Register
GANWIND	FR005991008249	05.07.1991	BEL-014
Country of origin	FR	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	01.01.1992
		FRA	GS951121

Pedigree

Sire	PGS	CARLIN-M IVANHOE BELL
SOUTHWIND BELL OF BAR-LEE		US000001667366
US000001964484	PGD	SOUTHWIND VALIANT NAOMA-ET
BEL-001		US000011489023
Dam	MGS	LEKKER VALIANT ROYALTY
LYLEHAVEN ROYALTY ANNE-ET		US000001821208
US000012877008	MGD	YARSONS APOLLO HAVEN AMBER-ET
		US000010961957

Milk production data	SK 10/2018	Herds	11	Daug.	69	Rel.	91 %	SPI	-917
Number controls		BV		Milk		Fat		rank	672.
1328				-180		-8	-0,03	SCS	3,18
						-7	-0,04	rank	793.

Type data	SHA 10/2018	Herds	5 / 1	Daug.	23	76,7	Rel.	68 %	TYPE	-0,42
								rank	625.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,61									
Angularity	-0,11									
Chest Width	-0,47									
Body Depth	-1,11									
Rump Angle	0,14									
Rear Legs Side View	0,28									
Foot Angle	-0,87									
Fore Udder Attachment	-1,07									
Front Teat Placement	-0,51									
Teat Length	-0,29									
Rear Udder Height	-0,31									
Rear Udder Width	0,10									
Central Ligament	1,78									
Udder Depth	0,18									
Rump Width	0,70									
Rear Legs Rear View	-0,35									
Rear Teat Placement	0,57									
Locomotion	-0,87									
Body Condition	-0,77									

daught. average

78,8	Frame	-0,81
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75,3	Dairy Strength	-0,22
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76,8	Feet & Legs	-0,67
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76,2	Udder	0,18
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	SHI	-44,4
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rank 645.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
TOPSPEED MATADOR	NL000240536815	21.01.1999	MOC-001

Country of origin	NL	Breed	R100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	03.03.2000
		NLD	240536815

Pedigree

Sire	PGS	MARTY RED-ET
MONACO		NL000959580420
NL000129994389	PGD	CRYSTAL ROO 124
		NL000135505717
Dam	MGS	ETAZON LORD LILY-ET
HOOKWOOD TOPSPEED SIENTJE		NL000780180664
NL000194119793	MGD	HOOKWOOD SIENTJE 67
		NL000783703813

Milk production data	SK 10/2018	Herds	42	Daug.	101	Rel.	93 %	SPI	-2572
Number controls		BV		Milk	Fat	%	Prot.	%	rank
1860				-727	-11	0,34	-20	0,07	SCS
									rank
									438.

Type data	SHA 10/2018	Herds	5 / 4	Daug.	10	76,7	Rel.	43 %	TYPE	-0,42
									rank	626.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,57									
Angularity	-0,77									
Chest Width	0,98									
Body Depth	1,37									
Rump Angle	-0,28									
Rear Legs Side View	-0,34									
Foot Angle	-0,92									
Fore Udder Attachment	-0,40									
Front Teat Placement	-0,22									
Teat Length	0,47									
Rear Udder Height	-1,03									
Rear Udder Width	-0,05									
Central Ligament	-1,12									
Udder Depth	-0,92									
Rump Width	-0,79									
Rear Legs Rear View	0,99									
Rear Teat Placement	0,04									
Locomotion	1,41									
Body Condition	1,26									

daught. average

79,3	Frame	-0,06
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77,1	Dairy Strength	0,03
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76,9	Feet & Legs	0,06
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74,9	Udder	-0,84
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	SHI	-94,5
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rank 787.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
DARKMET	CZ000109879582	22.03.1999	MEO-002
Country of origin	CZ	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	20.10.1999
		CSK	4726/16

Pedigree

Sire	PGS	OSDEL-ENDEAVOR BOVA CUBBY
JO-WAL CUBBY METRO-ET	US000001986164	BA-002
US000002191266	PGD	JO-WAL CLEITUS MACEY-ET
	US000013463545	
Dam	MGS	UNITED NICK-ET
HENKESEEN NICK HANNA-ET	US000001989083	
US000015692607	MGD	HENKESEEN M HILLARY-ET
	US000014973207	

Milk production data	SK 10/2018	Herds	3	Daug.	21	Rel.	76 %	SPI	1646
Number controls		BV		Milk		Fat		rank	...
406				232		14	0,07	SCS	4,01
						15	0,15	rank	...

Type data	SHA 10/2018	Herds	6 / 3	Daug.	18	78,2	Rel.	55 %	TYPE	-0,43
								rank	627.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,59									
Angularity	-0,80									
Chest Width	2,61									
Body Depth	2,14									
Rump Angle	-1,98									
Rear Legs Side View	1,06									
Foot Angle	1,13									
Fore Udder Attachment	-0,69									
Front Teat Placement	-1,85									
Teat Length	2,27									
Rear Udder Height	-0,99									
Rear Udder Width	0,82									
Central Ligament	-2,79									
Udder Depth	-1,20									
Rump Width	0,91									
Rear Legs Rear View	0,09									
Rear Teat Placement	-2,13									
Locomotion	0,62									
Body Condition	2,35									

daught. average

80,9	Frame	0,19
78,9	Dairy Strength	0,60
79,4	Feet & Legs	1,21
75,7	Udder	-1,97
	SHI	32,5
	rank	322.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
LEVANT ET	SK000047059853	17.12.1994	LAD-004
Country of origin	SK	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	27.11.1995
		SVK	0202/06

Pedigree

Sire	PGS	SWEET-HAVEN TRADITION
ROTHROCK TRADITION LEADMAN		US000001682485
US000001983348	PGD	WALKUP VALIANT LOU ELLA
TDN-004		US000010930744
Dam	MGS	S-W-D VALIANT
RUANN VALIANT REBA 60225-ET		US000001650414
US000013192080	MGD	HANOVER-HILL TEMPO ROXY
		US000010450504

Milk production data	SK 10/2018	Herds	70	Daug.	229	Rel.	97 %	SPI	-3414
Number controls		BV		Milk		Fat		rank	1223.
4414				-973		-14	0,52	SCS	2,96
						-26	0,10	rank	510.

Type data	SHA 10/2018	Herds	16 / 13	Daug.	35	76,4	Rel.	75 %	TYPE	-0,43
								rank	628.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-1,53									
Angularity	-0,52									
Chest Width	0,86									
Body Depth	-0,06									
Rump Angle	-0,68									
Rear Legs Side View	-0,46									
Foot Angle	0,89									
Fore Udder Attachment	0,26									
Front Teat Placement	-0,59									
Teat Length	0,15									
Rear Udder Height	-0,65									
Rear Udder Width	-0,13									
Central Ligament	-0,47									
Udder Depth	-0,44									
Rump Width	0,01									
Rear Legs Rear View	-0,53									
Rear Teat Placement	0,36									
Locomotion	-1,63									
Body Condition	-0,10									

daught. average

77,0	Frame	-1,19
73,5	Dairy Strength	-0,12
78,9	Feet & Legs	0,88
76,3	Udder	-0,12
	SHI	-120,1
	rank	819.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

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Bull name	Registration number	Birth date	State Register
STALINO-ET	DE000348743030	29.01.2005	SOG-006
Country of origin	DE	Breed	R100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	14.10.2005
		DE	05/34683

Pedigree

Sire	PGS	STOLLBERG
STADEL RED		DE000605543976
DE001015240086	PGD	DOUBLETTE
		DE001015106572
Dam	MGS	BOLIANT
BELINDA 10		DE001021138096
DE001021214397	MGD	BELLA
		DE001020968533

BIR-001

Milk production data	SK 10/2018	Herds	19	Daug.	119	Rel.	94 %	SPI	-1765
Number controls		BV		Milk		Prot.		rank	872.
2442				-431	-10	0,11	-14	SCS	2,84
								rank	347.

Type data	SHA 10/2018	Herds	6 / 2	Daug.	11	78,5	Rel.	49 %	TYPE	-0,43
								rank	629.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,09									
Angularity	-0,01									
Chest Width	-0,30									
Body Depth	0,66									
Rump Angle	-0,81									
Rear Legs Side View	-0,34									
Foot Angle	-0,42									
Fore Udder Attachment	1,01									
Front Teat Placement	0,06									
Teat Length	-0,54									
Rear Udder Height	-0,52									
Rear Udder Width	-1,79									
Central Ligament	-1,17									
Udder Depth	1,36									
Rump Width	-0,40									
Rear Legs Rear View	-1,92									
Rear Teat Placement	-0,54									
Locomotion	0,16									
Body Condition	0,70									

daught. average

81,9	Frame	-0,21
79,4	Dairy Strength	0,22
80,4	Feet & Legs	-0,26
75,4	Udder	-0,52
	SHI	-70,5
	rank	734.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
HOMERUN-ET	CZ000024033061	30.01.2003	MUR-001
Country of origin	CZ	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	31.07.2003
		CSK	0301128

Pedigree

Sire **PGS** LUTZ-MEADOWS E MANDEL-ET
MURANDA MANDEL MOE-ET
US000002286327
PGD LAURA-LE TESK MARY-ET
US000014814683

Dam **MGS** WA-DEL CONVINCER-ET
MOROVILLE CONVIN BARB-ET
US000129899943
US000002249055 **ELN-002**
MGD MOROVILLE PRESCOTT BEATRICE
US000017164981

Milk production data	SK 10/2018	Herds	33	Daug.	103	Rel.	93 %	SPI	-469
Number controls		BV		Milk		Fat		rank	559.
2165				-146		2	0,14	SCS	3,16
						-5	-0,02	rank	762.

Type data	SHA 10/2018	Herds	11 / 11	Daug.	28	77,4	Rel.	66 %	TYPE	-0,43
								rank	630.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,47									
Angularity	-1,58									
Chest Width	-0,54									
Body Depth	-1,98									
Rump Angle	-2,23									
Rear Legs Side View	0,39									
Foot Angle	0,95									
Fore Udder Attachment	1,57									
Front Teat Placement	0,65									
Teat Length	0,19									
Rear Udder Height	0,39									
Rear Udder Width	-0,36									
Central Ligament	-1,05									
Udder Depth	0,02									
Rump Width	0,68									
Rear Legs Rear View	1,10									
Rear Teat Placement	0,75									
Locomotion	-0,42									
Body Condition	-0,60									

daught. average

78,9 **Frame** **-0,98**

75,6 **Dairy Strength** **-2,45**

77,4 **Feet & Legs** **0,67**

77,3 **Udder** **0,50**

SHI **-31,5**

rank 594.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
VLARA KARLSTAD GRETAL	SK000061253861	10.12.1995	KAD-002
Country of origin SK		Breed	H100
Distributor		Herdbook	HA
		Paternity	

Pedigree

Sire	PGS	THONYMA SECRET
DELTA KARLSTAD		US000001856904
NL000318171986	PGD	BRIDGES BELL MARIE STEPHANIE
		US000011429878
Dam	MGS	SKALSUMER SUNNY BOY-ET
GRETHA 65		NL000311651443
SK000030103811	MGD	GRETHA 64
		NL000317216767

Milk production data	SK 10/2018	Herds	39	Daug.	99	Rel.	94 %	SPI	-1713
Number controls		BV		Milk		Fat		rank	862.
2086				-417		-16	-0,00	Prot.	0,04
								SCS	3,25
								rank	890.

Type data	SHA 10/2018	Herds	11 / 7	Daug.	16	77,6	Rel.	61 %	TYPE	-0,44
								rank	631.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,26									
Angularity	-1,19									
Chest Width	0,83									
Body Depth	-1,25									
Rump Angle	-0,61									
Rear Legs Side View	-0,45									
Foot Angle	-0,87									
Fore Udder Attachment	-1,17									
Front Teat Placement	0,84									
Teat Length	-0,10									
Rear Udder Height	-0,38									
Rear Udder Width	-0,31									
Central Ligament	-0,97									
Udder Depth	-0,28									
Rump Width	0,31									
Rear Legs Rear View	1,05									
Rear Teat Placement	-0,77									
Locomotion	-0,79									
Body Condition	1,10									

daught. average

79,8	Frame	-0,05
73,4	Dairy Strength	-0,75
80,1	Feet & Legs	-0,28
77,4	Udder	-0,24
	SHI	-69,1
	rank	726.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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Bull name	Registration number	Birth date	State Register
SILUR	DE00000669831	10.06.2000	JAT-002
Country of origin	DE	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	30.08.2000
		DEU	00/10456

Pedigree

Sire	PGS	DELTA CLEITUS JABOT
CAROUSEL SIERRA		NL000316419721
NL000112538714	PGD	DELTA GREDIEN 2 ET
		NL000776507671
Dam	MGS	FATAL
MAIFATAL57		FR002290038601
DE000342514446	MGD	KNS MEDAILLE 300
		DE001015211003

Milk production data	SK 10/2018	Herds	41	Daug.	100	Rel.	93 %	SPI	248
Number controls		BV		Milk		Fat	%	rank	414.
2267				205		-4	-0,22	1	-0,12
								SCS	3,07
								rank	642.

Type data	SHA 10/2018	Herds	8 / 6	Daug.	15	77,1	Rel.	52 %	TYPE	-0,44
								rank	632.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,28									
Angularity	0,72									
Chest Width	0,16									
Body Depth	-1,09									
Rump Angle	-0,18									
Rear Legs Side View	0,08									
Foot Angle	-1,74									
Fore Udder Attachment	-0,23									
Front Teat Placement	-0,14									
Teat Length	2,23									
Rear Udder Height	-0,03									
Rear Udder Width	-0,42									
Central Ligament	2,23									
Udder Depth	0,52									
Rump Width	0,19									
Rear Legs Rear View	-0,51									
Rear Teat Placement	0,41									
Locomotion	-0,50									
Body Condition	-0,19									

daught. average

80,7	Frame	0,21
77,7	Dairy Strength	0,40
75,1	Feet & Legs	-0,86
76,2	Udder	-0,40
	SHI	-10,0
	rank	504.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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Bull name	Registration number	Birth date	State Register
CHASIN-RAINBOWS SHAZAM	US000002092029	19.08.1988	CLE-022
Country of origin	US	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	01.09.1989
		USA	IG108877B

Pedigree

Sire	PGS	SWEET-HAVEN TRADITION
BIS-MAY TRADITION CLEITUS		US000001682485
US000001879085	PGD	BIS-MAY CONDUCTOR CORAL
CLE-003		US000010192628
Dam	MGS	WALKWAY CHIEF MARK
CHASIN-RAINBOWS MARK SHASTA-ET		US000001773417
US000012658668	MGD	BUTTON-WILLOW TRADITION SHANON
		US000010996919

Milk production data	SK 10/2018	Herds	37	Daug.	248	Rel.	97 %	SPI	1319
Number controls		BV		Milk	Fat	%	Prot.	%	rank
5825				661	5	-0,36	4	-0,32	rank
									210.
								SCS	3,48
									rank
									1129.

Type data	SHA 10/2018	Herds	15 / 9	Daug.	41	76,8	Rel.	75 %	TYPE	-0,44
									rank	633.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-1,75									
Angularity	-0,97									
Chest Width	0,82									
Body Depth	-0,15									
Rump Angle	1,70									
Rear Legs Side View	0,92									
Foot Angle	0,23									
Fore Udder Attachment	1,06									
Front Teat Placement	-0,13									
Teat Length	-0,49									
Rear Udder Height	0,72									
Rear Udder Width	0,12									
Central Ligament	-1,82									
Udder Depth	0,30									
Rump Width	-0,03									
Rear Legs Rear View	-0,18									
Rear Teat Placement	0,88									
Locomotion	-0,45									
Body Condition	0,19									

daught. average

78,3	Frame	-1,30
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74,8	Dairy Strength	-0,56
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77,4	Feet & Legs	0,02
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76,8	Udder	0,47
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	SHI	22,2
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rank 359.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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Bull name	Registration number	Birth date	State Register
LOOKING	DE00000671143	10.09.2002	JAT-005
Country of origin	NL	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	25.10.2002
		DEU	02/39579

Pedigree

Sire	PGS	DELTA CLEITUS JABOT
LOUDHOEVE		NL000316419721
NL000141080516	PGD	PIETJE 491
		NL000706599761
Dam	MGS	GIBBON
DIE BARLE COBA 219		FR002991000305
NL000207031719	MGD	DIE BARLE COBA 208
		NL000779423642

Milk production data	SK 10/2018	Herds	34	Daug.	73	Rel.	90 %	SPI	-2418
Number controls		BV		Milk		Fat		rank	1013.
1389				-578		-23	-0,04	SCS	3,36
						-15	0,06	rank	1019.

Type data	SHA 10/2018	Herds	11 / 8	Daug.	14	78,2	Rel.	51 %	TYPE	-0,44
								rank	634.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-1,15									
Angularity	0,80									
Chest Width	-0,43									
Body Depth	-1,37									
Rump Angle	-0,55									
Rear Legs Side View	0,66									
Foot Angle	0,59									
Fore Udder Attachment	-0,03									
Front Teat Placement	0,53									
Teat Length	-0,77									
Rear Udder Height	-0,05									
Rear Udder Width	-0,49									
Central Ligament	0,29									
Udder Depth	-0,28									
Rump Width	-1,24									
Rear Legs Rear View	-0,75									
Rear Teat Placement	-0,68									
Locomotion	-1,64									
Body Condition	-0,23									

daught. average

78,2	Frame	-1,46
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80,1	Dairy Strength	0,19
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76,9	Feet & Legs	-0,63
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77,7	Udder	0,09
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	SHI	-90,5
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rank 781.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
ROYAUME	FR003544612438	02.05.2000	ELN-022

Country of origin	FR	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	20.03.2003
		FR	F/S 154440

Pedigree

Sire	PGS	EMPRISE BELL ELTON
WA-DEL CONVINCER-ET		US000001912270
US000002249055	PGD	WA-DEL CLEITUS CINDY-ET
ELN-002		US000013372706
Dam	MGS	GIBBON
NATURELLE		FR002991000305
FR003597000289	MGD	LABOTE
		FR003595015835

Milk production data	SK 10/2018	Herds	13	Daug.	139	Rel.	95 %	SPI	1580
Number controls		BV		Milk		Fat	%	Prot.	%
2599				310		17	0,08	11	0,02
								SCS	2,61
								rank	161.
								rank	138.

Type data	SHA 10/2018	Herds	17 / 6	Daug.	75	78,7	Rel.	84 %	TYPE	-0,44
									rank	635.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,91									
Angularity	1,48									
Chest Width	-0,84									
Body Depth	-0,06									
Rump Angle	-0,22									
Rear Legs Side View	0,53									
Foot Angle	0,55									
Fore Udder Attachment	0,22									
Front Teat Placement	-0,22									
Teat Length	-0,51									
Rear Udder Height	-0,42									
Rear Udder Width	-1,08									
Central Ligament	-0,94									
Udder Depth	-0,56									
Rump Width	-1,49									
Rear Legs Rear View	0,14									
Rear Teat Placement	0,48									
Locomotion	-0,16									
Body Condition	-2,37									

daught. average

81,1	Frame	-1,07
80,6	Dairy Strength	1,16
79,7	Feet & Legs	0,32
75,9	Udder	-0,80
	SHI	30,0
	rank	326.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
TESLA ET	SK000046810853	17.03.1995	TES-004
Country of origin	SK	Breed	H100
Distributor	Slovensko	Herdbook	HA
		Paternity	

Pedigree

Sire	PGS	S-W-D VALIANT
TESK-HOLM VALIANT ROCKIE		US000001650414
US000001841366	PGD	HOUVALE APOLLO GAIL
VAL-016		US000008985852
Dam	MGS	LEKKER IVANHOE BELL JESSE-ET
RUANN JESSE LORELEI 88207-ET		US000001842389
US000013350496	MGD	RUANN GOLDEN NUGGET LASS
		US000010532369

Milk production data	SK 10/2018	Herds	38	Daug.	122	Rel.	94 %	SPI	-1511
Number controls		BV		Milk		Fat	%	Prot.	%
2361				-345		-1	0,05	-12	-0,03
								SCS	3,12
								rank	816.
								rank	711.

Type data	SHA 10/2018	Herds	12 / 10	Daug.	28	76,6	Rel.	71 %	TYPE	-0,44
									rank	636.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,27									
Angularity	0,05									
Chest Width	-0,05									
Body Depth	-0,27									
Rump Angle	-0,08									
Rear Legs Side View	-0,10									
Foot Angle	-0,77									
Fore Udder Attachment	-0,11									
Front Teat Placement	-0,26									
Teat Length	1,22									
Rear Udder Height	-1,09									
Rear Udder Width	-1,40									
Central Ligament	0,12									
Udder Depth	-0,15									
Rump Width	-0,36									
Rear Legs Rear View	-2,05									
Rear Teat Placement	-0,56									
Locomotion	-0,87									
Body Condition	0,14									

daught. average

80,3	Frame	0,09
73,8	Dairy Strength	-0,18
77,3	Feet & Legs	-0,75
75,8	Udder	-0,49
	SHI	-63,2
	rank	704.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
LINCOLN RED-ET	DE000061135946	01.02.1999	LED-002
Country of origin	DE	Breed	R100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	01.04.1999
		DEU	99/4816

Pedigree

Sire	PGS	WEATHERVU HARRY-ET
CHAPEL-BANK LAREDO RED		US000002044778
US000002199279	PGD	CHAPEL-BANK INSP LYN-RED-ET
		US000014014011
Dam	MGS	ANTHEM
JASMIN 1614		CA000000382582
DE000660021368	MGD	IVONNE 132
		DE000660021370

Milk production data	SK 10/2018	Herds	39	Daug.	110	Rel.	93 %	SPI	-3475
Number controls		BV		Milk		Fat		rank	1232.
2479				-737		-26	0,03	SCS	3,22
						-27	-0,11	rank	839.

Type data	SHA 10/2018	Herds	6 / 3	Daug.	19	76,2	Rel.	55 %	TYPE	-0,44
								rank	637.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,96									
Angularity	1,00									
Chest Width	-1,76									
Body Depth	-0,62									
Rump Angle	0,50									
Rear Legs Side View	-1,27									
Foot Angle	-1,14									
Fore Udder Attachment	0,21									
Front Teat Placement	0,58									
Teat Length	0,28									
Rear Udder Height	-0,02									
Rear Udder Width	-1,84									
Central Ligament	0,85									
Udder Depth	1,59									
Rump Width	-2,26									
Rear Legs Rear View	0,40									
Rear Teat Placement	-0,20									
Locomotion	-0,20									
Body Condition	-0,83									

daught. average

76,2	Frame	-1,79
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76,2	Dairy Strength	0,08
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77,3	Feet & Legs	0,01
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75,3	Udder	0,25
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	SHI	-122,5
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rank 822.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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Bull name	Registration number	Birth date	State Register
DYNAMAT RED-ET	SK000011005861	17.03.1988	DYN-001
Country of origin	SK	Breed	R100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	

Pedigree

Sire	PGS	GLENAFTON ENHANCER CA000000343514
DOWNALANE DYNAMATE RED CA000000381318	PGD	REID MANOR DINAH ANA CA0000003170800
Dam	MGS	AGRO ACRES MARQUIS NED CA000000290516
ROYCEDALE NED VERA RED CA0000003354231	MGD	ROYCEDALE NOBLEMAN VELMA CA0000002824773

Milk production data	SK 10/2018	Herds	277	Daug.	6251	Rel.	99 %	SPI	-3772
Number controls		BV		Milk		Fat	%	Prot.	%
118189				-943		-23	0,29	-29	0,01
								SCS	2,94
								rank	1280.
								rank	483.

Type data	SHA 10/2018	Herds	24 / 16	Daug.	123	75,6	Rel.	92 %	TYPE	-0,45
									rank	638.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,47									
Angularity	-1,95									
Chest Width	1,33									
Body Depth	1,56									
Rump Angle	-0,33									
Rear Legs Side View	0,63									
Foot Angle	0,36									
Fore Udder Attachment	-0,91									
Front Teat Placement	0,52									
Teat Length	-0,98									
Rear Udder Height	-0,45									
Rear Udder Width	-0,02									
Central Ligament	-1,19									
Udder Depth	-0,37									
Rump Width	0,90									
Rear Legs Rear View	0,56									
Rear Teat Placement	-1,09									
Locomotion	-0,65									
Body Condition	1,39									

daught. average

78,1	Frame	0,05
72,5	Dairy Strength	-1,22
78,3	Feet & Legs	0,48
74,6	Udder	-0,43
	SHI	-131,6
	rank	832.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

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Bull name	Registration number	Birth date	State Register
DOLLY-VARDEN FRONTIER BO-ET	US000002170839	30.06.1991	FON-001
Country of origin	US	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	24.01.1992
		USA	IG164630D

Pedigree

Sire	PGS	CAL-CLARK BOARD CHAIRMAN
BROWNCROFT FRONTIER-ET	US000001723741	ADM-008
US000001927133	PGD	BROWNCROFT KING JET FLOP-TWIN
	US000009438726	
Dam	MGS	WHITTIER-FARMS NED BOY
PLUSHANSKI NED BOY FARR-ET	US000001806201	
US0000012906374	MGD	PLUSHANSKI NUGGET FOBES-ET
	US000010868304	

Milk production data	SK 10/2018	Herds	39	Daug.	238	Rel.	97 %	SPI	-268
Number controls		BV		Milk		Fat	%	rank	514.
5258				-4		-0	-0,01	SCS	2,73
						-4	-0,09	rank	231.

Type data	SHA 10/2018	Herds	11 / 8	Daug.	28	77,0	Rel.	65 %	TYPE	-0,45
								rank	639.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,23									
Angularity	-0,28									
Chest Width	-0,22									
Body Depth	0,01									
Rump Angle	-0,31									
Rear Legs Side View	1,23									
Foot Angle	-0,27									
Fore Udder Attachment	-0,18									
Front Teat Placement	-0,32									
Teat Length	-0,57									
Rear Udder Height	0,28									
Rear Udder Width	0,17									
Central Ligament	-0,77									
Udder Depth	-0,76									
Rump Width	0,29									
Rear Legs Rear View	0,07									
Rear Teat Placement	0,15									
Locomotion	0,42									
Body Condition	0,64									

daught. average

80,3	Frame	-0,24
74,4	Dairy Strength	-0,40
77,5	Feet & Legs	-0,56
76,2	Udder	-0,17
	SHI	-26,2
	rank	572.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
JELLE	NL000366966431	02.12.2003	JRD-001
Country of origin	NL	Breed	R100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	02.04.2004
		NLD	112697

Pedigree

Sire	PGS	MERCY PRIDEAUX-ET
JA-BOB JORDAN-RED-ET		US000002135113
US000017378279	PGD	OHIANA MOM HANMAID-RED-ET
		US000015318707
Dam	MGS	LIGHTNING
SOUTH BELLE RED		NL000170475222
NL000351065305	MGD	ABTSHOEVE BELLINI
		NL000268107019

Milk production data	SK 10/2018	Herds	25	Daug.	119	Rel.	94 %	SPI	-943
Number controls		BV		Milk	Fat	%	Prot.	%	rank
2815				-252	-13	-0,07	-4	0,09	SCS
									rank
									680.
									1082.

Type data	SHA 10/2018	Herds	14 / 8	Daug.	52	77,4	Rel.	77 %	TYPE	-0,46
									rank	640.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-1,24									
Angularity	-0,23									
Chest Width	-0,58									
Body Depth	-0,48									
Rump Angle	0,52									
Rear Legs Side View	0,79									
Foot Angle	0,91									
Fore Udder Attachment	0,45									
Front Teat Placement	0,57									
Teat Length	-1,77									
Rear Udder Height	0,03									
Rear Udder Width	-0,34									
Central Ligament	-0,66									
Udder Depth	-0,25									
Rump Width	-0,31									
Rear Legs Rear View	1,51									
Rear Teat Placement	0,04									
Locomotion	-0,31									
Body Condition	0,08									

daught. average

79,5	Frame	-1,24
78,0	Dairy Strength	-0,89
78,0	Feet & Legs	0,51
75,5	Udder	0,01
	SHI	-46,7
	rank	651.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
PETER-ET	DE000021329810	14.04.1993	PEL-001
Country of origin	DE	Breed	H100
Distributor	Nemecko	Herdbook	HA
		Paternity	

Pedigree

Sire	PGS	HANOVERHILL STARBUCK
RONNYBROOK PRELUDE-ET		CA000000352790
CA000000392457	PGD	KELLYS-VIEW GLENDELL KELCO
STB-016		US000009739109
Dam	MGS	ANKER
PAOLA		DE009010369937
DE001020630837	MGD	PETRA 16
		DE001020226892

Milk production data	SK 10/2018	Herds	62	Daug.	225	Rel.	97 %	SPI	-2599
Number controls		BV		Milk		Fat		rank	1053.
4784				-694		-15	0,24	SCS	3,27
						-19	0,05	rank	903.

Type data	SHA 10/2018	Herds	9 / 8	Daug.	18	75,6	Rel.	64 %	TYPE	-0,46
								rank	641.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,00									
Angularity	-1,01									
Chest Width	0,53									
Body Depth	1,34									
Rump Angle	-0,37									
Rear Legs Side View	-2,17									
Foot Angle	-0,31									
Fore Udder Attachment	-1,11									
Front Teat Placement	-0,70									
Teat Length	-1,52									
Rear Udder Height	-1,49									
Rear Udder Width	-1,28									
Central Ligament	-1,01									
Udder Depth	-0,47									
Rump Width	-0,06									
Rear Legs Rear View	2,06									
Rear Teat Placement	0,37									
Locomotion	1,19									
Body Condition	2,05									

daught. average

76,3	Frame	0,14
72,7	Dairy Strength	-0,13
79,0	Feet & Legs	0,94
74,8	Udder	-1,58
	SHI	-96,9
	rank	796.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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Bull name	Registration number	Birth date	State Register
ACAPULCO	FR003531421898	18.01.2005	WIT-006
Country of origin	FR	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	04.05.2005
		FR	F/S 287769

Pedigree

Sire	PGS	LADYS-MANOR WINCHESTER-ET
OKENDO		US000002205082
FR002998012650	PGD	LURONNE
		FR002995001460
Dam	MGS	JOCKO BESN
CANDY		FR005694028588
FR002236352664	MGD	CHARMY
		FR002296001648

Milk production data	SK 10/2018	Herds	22	Daug.	78	Rel.	92 %	SPI	1947
Number controls		BV		Milk	Fat	%	Prot.	%	rank
1532				492	11	-0,15	15	-0,01	SCS
									rank
									130.
									2,85
									rank
									356.

Type data	SHA 10/2018	Herds	7 / 5	Daug.	22	77,7	Rel.	64 %	TYPE	-0,46
									rank	642.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,20									
Angularity	0,34									
Chest Width	-0,44									
Body Depth	0,36									
Rump Angle	2,44									
Rear Legs Side View	0,48									
Foot Angle	-0,42									
Fore Udder Attachment	-1,42									
Front Teat Placement	-1,72									
Teat Length	-0,48									
Rear Udder Height	-0,33									
Rear Udder Width	1,29									
Central Ligament	-0,65									
Udder Depth	-1,59									
Rump Width	-0,18									
Rear Legs Rear View	-0,09									
Rear Teat Placement	0,67									
Locomotion	1,03									
Body Condition	-0,57									

daught. average

82,4	Frame	-0,05
80,4	Dairy Strength	0,27
76,9	Feet & Legs	-0,15
74,5	Udder	-1,02
	SHI	40,1
	rank	299.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
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Bull name	Registration number	Birth date	State Register
OZIDANE	FR008505559288	15.12.1998	MED-001
Country of origin	FR	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	21.06.2000
		FRA	724007

Pedigree

Sire **PGS** OSDEL-ENDEAVOR BOVA CUBBY
HA-HO CUBBY MANFRED-ET
US000002183007
US000001986164 BA-002

PGD HA-HO TESK MELANIE
US000013066986

Dam **MGS** FATAL
NATALIQUE
FR008596028272
FR002290038601

MGD JAMAIQUE
FR008594024368

Milk production data	SK 10/2018	Herds	53	Daug.	121	Rel.	94 %	SPI	988
Number controls		BV		Milk		Fat		rank	283.
2600				298		10	-0,04	SCS	3,45
						5	-0,10	rank	1101.

Type data	SHA 10/2018	Herds	18 / 14	Daug.	41	76,8	Rel.	74 %	TYPE	-0,47
								rank	643.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,33									
Angularity	-0,90									
Chest Width	1,07									
Body Depth	1,08									
Rump Angle	-0,64									
Rear Legs Side View	0,50									
Foot Angle	-1,50									
Fore Udder Attachment	-0,07									
Front Teat Placement	0,44									
Teat Length	0,96									
Rear Udder Height	-0,32									
Rear Udder Width	-0,31									
Central Ligament	-1,68									
Udder Depth	-0,24									
Rump Width	-0,83									
Rear Legs Rear View	0,67									
Rear Teat Placement	-0,52									
Locomotion	0,10									
Body Condition	1,43									

daught. average

79,4 **Frame** **0,51**

75,9 **Dairy Strength** **-0,26**

77,8 **Feet & Legs** **-0,39**

75,5 **Udder** **-0,79**

SHI **11,2**

rank 415.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
CALL	DE000112627703	13.12.1999	CAL-008

Country of origin	DE	Breed	R100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	11.10.2005
		CSK	0500383

Pedigree

Sire	PGS	STRICKLER ROYALTY CADILLAC-ET
CARED		US000002046246
DE000730209621	PGD	RED-SUN 683
		DE000724049317
Dam	MGS	BROOKNOOK MILESTONE-ET RED
UNETTE		CA000000400985
DE000102854721	MGD	NINETTE
		DE000109887428

Milk production data	SK 10/2018	Herds	80	Daug.	887	Rel.	99 %	SPI	-2316
Number controls		BV		Milk		Fat		rank	992.
17913				-598		-10	0,25	SCS	2,69
								rank	185.

Type data	SHA 10/2018	Herds	9 / 6	Daug.	38	77,9	Rel.	74 %	TYPE	-0,47
								rank	644.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,16									
Angularity	-0,29									
Chest Width	-1,34									
Body Depth	-0,49									
Rump Angle	0,47									
Rear Legs Side View	0,96									
Foot Angle	-0,90									
Fore Udder Attachment	0,72									
Front Teat Placement	-0,48									
Teat Length	0,14									
Rear Udder Height	0,73									
Rear Udder Width	0,92									
Central Ligament	-0,41									
Udder Depth	-0,15									
Rump Width	-0,41									
Rear Legs Rear View	0,59									
Rear Teat Placement	-1,32									
Locomotion	-1,05									
Body Condition	-0,15									

daught. average

80,7	Frame	-0,34
77,8	Dairy Strength	-0,96
78,1	Feet & Legs	-1,55
76,7	Udder	0,54
	SHI	-88,6
	rank	780.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
NISLY-GEN CHEROKEE RED-ET	US000002166873	16.12.1990	DOT-001
Country of origin	US	Breed	R100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	25.02.1992
		USA	IG166099A

Pedigree

Sire	PGS	CARLIN-M IVANHOE BELL
WILLOW-MARSH DOMINATE		US000001667366
US000002037127	PGD	WILLOW-MARSH VALIANT SYLVIA
		US000011444502
Dam	MGS	WELCOME-W TRANCER RED
BRIARPATCH-R CHERRY RED-ET		US000001994245
US000013503043	MGD	WOODMANSEES ENHANCER LORNA
		US000011783799

Milk production data	SK 10/2018	Herds	76	Daug.	715	Rel.	99 %	SPI	37
Number controls		BV		Milk	Fat	%	Prot.	%	rank
13779				63	-3	-0,11	0	-0,04	SCS
									rank
									454.
									923.

Type data	SHA 10/2018	Herds	34 / 12	Daug.	185	76,1	Rel.	92 %	TYPE	-0,47
									rank	645.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,58									
Angularity	-0,11									
Chest Width	-0,10									
Body Depth	-0,60									
Rump Angle	-0,38									
Rear Legs Side View	1,83									
Foot Angle	-2,19									
Fore Udder Attachment	-0,92									
Front Teat Placement	0,26									
Teat Length	1,57									
Rear Udder Height	-0,44									
Rear Udder Width	0,26									
Central Ligament	1,02									
Udder Depth	-0,68									
Rump Width	-0,52									
Rear Legs Rear View	0,51									
Rear Teat Placement	-0,57									
Locomotion	-1,66									
Body Condition	-1,26									

daught. average

78,2	Frame	-0,61
74,0	Dairy Strength	-0,34
76,6	Feet & Legs	-2,09
75,9	Udder	0,75
	SHI	-17,7
	rank	545.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
RICHTHOFEN	FR005633073200	28.08.2000	BES-011
Country of origin	FR	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	12.07.2002
		FR	86806

Pedigree

Sire	PGS	BESNE-BUCK
JOCKO BESN		FR004486041658
FR005694028588	PGD	GAIA
		FR005691017484
Dam	MGS	GIBBON
NOEMIE		FR002991000305
FR005697027813	MGD	HOMELIE
		FR005692001308

BEL-019

Milk production data	SK 10/2018	Herds	44	Daug.	691	Rel.	99 %	SPI	996
Number controls		BV		Milk		Fat	%	Prot.	%
14535				190	1	-0,13	11	0,11	
								SCS	3,02
								rank	277.
								rank	592.

Type data	SHA 10/2018	Herds	43 / 12	Daug.	263	79,4	Rel.	94 %	TYPE	-0,47
									rank	646.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-1,01									
Angularity	-0,87									
Chest Width	-0,46									
Body Depth	-0,10									
Rump Angle	1,16									
Rear Legs Side View	-1,51									
Foot Angle	0,28									
Fore Udder Attachment	-0,07									
Front Teat Placement	0,61									
Teat Length	1,34									
Rear Udder Height	0,04									
Rear Udder Width	0,34									
Central Ligament	0,22									
Udder Depth	-0,86									
Rump Width	-1,29									
Rear Legs Rear View	-1,40									
Rear Teat Placement	0,23									
Locomotion	0,07									
Body Condition	0,55									

daught. average

81,1	Frame	-0,96
79,4	Dairy Strength	-1,04
80,6	Feet & Legs	0,07
78,0	Udder	0,20
	SHI	11,1
	rank	416.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
PRIDE BLACK ROXSTAR	US000002148440	02.10.1990	BS-038
Country of origin	US	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	20.05.1991
		USA	IG155262B

Pedigree

Sire	PGS	CAL-CLARK BOARD CHAIRMAN
TO-MAR BLACKSTAR-ET		US000001723741
US000001929410	PGD	TO-MAR WAYNE HAY
CHR-002		US000009804790
Dam	MGS	EXRANCO THOR
PRIDE THOR ROXETTE		US000001883228
US000013690697	MGD	PRIDE NED BOY,RACQUEL
		US000013380123

Milk production data	SK 10/2018	Herds	21	Daug.	116	Rel.	94 %	SPI	-2261
Number controls		BV		Milk		Prot.		rank	979.
2123				-371	-17	-0,07	-20	SCS	2,87
								rank	386.

Type data	SHA 10/2018	Herds	10 / 7	Daug.	19	77,1	Rel.	64 %	TYPE	-0,47
								rank	647.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,43									
Angularity	0,32									
Chest Width	-0,05									
Body Depth	1,36									
Rump Angle	-0,30									
Rear Legs Side View	0,06									
Foot Angle	0,95									
Fore Udder Attachment	-0,59									
Front Teat Placement	0,64									
Teat Length	-0,99									
Rear Udder Height	-1,68									
Rear Udder Width	-1,92									
Central Ligament	-0,72									
Udder Depth	-0,18									
Rump Width	0,82									
Rear Legs Rear View	-1,66									
Rear Teat Placement	0,02									
Locomotion	-0,31									
Body Condition	-1,03									

daught. average

82,2	Frame	0,01
73,7	Dairy Strength	0,86
77,8	Feet & Legs	-0,45
75,9	Udder	-1,06
	SHI	-87,1
	rank	775.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

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Bull name	Registration number	Birth date	State Register
RINGO	DE00000457060	25.07.1997	ROS-003
Country of origin	DE	Breed	R100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	10.06.1998
		DEU	98/7700

Pedigree

Sire	PGS	MADAWASKA AEROSTAR
ROELS		CA000000383622
DE000101645705	PGD	NORDWIND 22
		DE000107482151
Dam	MGS	BRIDON ASTRO JET-ET
MAREN 232		CA000000349040
DE000609029499	MGD	MAREN 158
		DE000600039999

Milk production data	SK 10/2018	Herds	77	Daug.	686	Rel.	99 %	SPI	-3103
Number controls		BV	Milk	Fat	%	Prot.	%	rank	1150.
12147			-765	-21	0,17	-23	0,02	SCS	3,62
								rank	1194.

Type data	SHA 10/2018	Herds	7 / 4	Daug.	106	77,5	Rel.	86 %	TYPE	-0,48
								rank	648.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-1,27									
Angularity	-1,11									
Chest Width	1,52									
Body Depth	1,37									
Rump Angle	-2,53									
Rear Legs Side View	-1,53									
Foot Angle	0,90									
Fore Udder Attachment	-0,69									
Front Teat Placement	-1,86									
Teat Length	2,06									
Rear Udder Height	0,20									
Rear Udder Width	1,35									
Central Ligament	0,35									
Udder Depth	-0,98									
Rump Width	0,81									
Rear Legs Rear View	-1,23									
Rear Teat Placement	-1,06									
Locomotion	-1,32									
Body Condition	1,17									

daught. average

79,1	Frame	-1,00
78,2	Dairy Strength	-0,01
78,4	Feet & Legs	0,16
75,8	Udder	-0,19
	SHI	-112,6
	rank	813.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
NEU-WAY FOUR STAR-ET	US000120173998	23.07.1997	FOM-005

Country of origin	US	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	03.03.1998
		USA	IG240551A

Pedigree

Sire	PGS	ROTHROCK TRADITION LEADMAN
SHEN-VAL NV LM FORMATION-ET	US000001983348	TDN-004
US000002163822	PGD	SHEN-VAL MARK FAY
LAD-009	US000013008118	
Dam	MGS	MADAWASKA AEROSTAR
NEU-WAY AEROSTAR ALLIE-ET	CA000000383622	STB-011
US000015372435	MGD	NEU-WAY MELWOOD ALLIE
	US000013931123	

Milk production data	SK 10/2018	Herds	76	Daug.	1404	Rel.	99 %	SPI	470
Number controls		BV		Milk		Fat		rank	364.
27264				406		-9	-0,44	SCS	3,56
							2	rank	1170.
							-0,21		

Type data	SHA 10/2018	Herds	37 / 15	Daug.	217	78,2	Rel.	93 %	TYPE	-0,48
								rank	649.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,17									
Angularity	0,94									
Chest Width	-0,32									
Body Depth	-2,59									
Rump Angle	0,23									
Rear Legs Side View	0,03									
Foot Angle	0,33									
Fore Udder Attachment	0,57									
Front Teat Placement	0,27									
Teat Length	0,73									
Rear Udder Height	-1,03									
Rear Udder Width	-1,55									
Central Ligament	-0,39									
Udder Depth	0,45									
Rump Width	0,89									
Rear Legs Rear View	-1,39									
Rear Teat Placement	-0,95									
Locomotion	-1,46									
Body Condition	-0,05									

daught. average

82,2	Frame	-0,13
79,4	Dairy Strength	0,40
77,9	Feet & Legs	-0,58
75,8	Udder	-0,83
	SHI	-5,0
	rank	484.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
J&G MALANDO	NL000437064008	05.01.2006	GOG-002
Country of origin	NL	Breed	R100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	13.06.2006
		NL	137790

Pedigree

Sire	PGS	DELTA ELDORADO
TOPSPEED GOGO		NL000190571881
NL000240295769	PGD	CRYSTAL TOPSPEED GINY
		NL000164821217
Dam	MGS	KIAN
J&G MEISI 5		NL000207288005
NL000359855658	MGD	J&G MEISI 4
		NL000328350216

Milk production data	SK 10/2018	Herds	45	Daug.	528	Rel.	98 %	SPI	1243
Number controls		BV		Milk		Fat	%	Prot.	%
9430				-99	18	0,41	14	0,36	SCS
									rank
									226.
									rank
									162.

Type data	SHA 10/2018	Herds	7 / 5	Daug.	15	80,5	Rel.	48 %	TYPE	-0,48
									rank	650.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,15									
Angularity	-1,55									
Chest Width	0,96									
Body Depth	0,05									
Rump Angle	0,75									
Rear Legs Side View	-1,31									
Foot Angle	0,07									
Fore Udder Attachment	-1,09									
Front Teat Placement	0,12									
Teat Length	-0,84									
Rear Udder Height	-0,49									
Rear Udder Width	-0,07									
Central Ligament	-0,36									
Udder Depth	-0,59									
Rump Width	-0,21									
Rear Legs Rear View	1,50									
Rear Teat Placement	-1,64									
Locomotion	0,94									
Body Condition	0,90									

daught. average

84,0	Frame	-0,09
80,6	Dairy Strength	-1,08
83,1	Feet & Legs	0,38
77,1	Udder	-0,84
	SHI	18,3
	rank	381.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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Bull name	Registration number	Birth date	State Register
SBS HARDTAC ROBOT-ET	SK000070002852	28.01.1996	HAC-008
Country of origin	SK	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	24.10.1996
		SVK	0218/15

Pedigree

Sire **PGS** RUANN GOLDEN NUGGET KLARK
LA-POE K HARDTAC-ET
US000002073505
KLK-002 **PGD** LA-POE B C HONESTY
US000011895858

Dam **MGS** SINGING-BROOK N-BOY MASCOT-ET
LARS-ACRES PENNY
US000014923858 **NBY-011**
MGD LARS-ACRES PRISCILLA-ET
US000013774025

Milk production data	SK 10/2018	Herds	29	Daug.	97	Rel.	93 %	SPI	-1654
Number controls		BV		Milk		Fat		rank	848.
1800				-395		-9	0,11	SCS	3,07
						-13	-0,03	rank	649.

Type data	SHA 10/2018	Herds	6 / 4	Daug.	14	76,0	Rel.	54 %	TYPE	-0,48
								rank	651.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-1,05									
Angularity	-0,10									
Chest Width	0,58									
Body Depth	1,06									
Rump Angle	-0,43									
Rear Legs Side View	-0,46									
Foot Angle	-0,66									
Fore Udder Attachment	-1,09									
Front Teat Placement	0,70									
Teat Length	-0,42									
Rear Udder Height	-1,14									
Rear Udder Width	-0,47									
Central Ligament	1,58									
Udder Depth	-1,48									
Rump Width	-0,38									
Rear Legs Rear View	-0,24									
Rear Teat Placement	-0,45									
Locomotion	0,01									
Body Condition	1,51									

daught. average

78,4 **Frame** **-0,47**

74,1 **Dairy Strength** **0,01**

76,2 **Feet & Legs** **-0,80**

75,8 **Udder** **-0,09**

SHI **-69,1**

rank 727.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
J & G TONUS	NL000385656582	30.09.2004	BW-048

Country of origin	NL	Breed	R100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	03.01.2005
		NL	121546

Pedigree

Sire	PGS	MARA-THON BW MARSHALL-ET TV
B-HIDDENHILLS MAR MARMAX-ET		US000002290977
US000126853007	PGD	NEYER MOMENTUM MAXY-ET
BW-034		US000015361293
Dam	MGS	RUBENS
J & G TRILUX 7		DE000577182316
NL000338450812	MGD	TRILUX
		DE000578281109

Milk production data	SK 10/2018	Herds	40	Daug.	927	Rel.	99 %	SPI	932
Number controls		BV		Milk		Fat		rank	292.
16250				-39		12	0,24	SCS	3,05
								rank	624.

Type data	SHA 10/2018	Herds	22 / 9	Daug.	210	80,0	Rel.	92 %	TYPE	-0,49
								rank	652.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,39									
Angularity	-2,26									
Chest Width	0,33									
Body Depth	0,48									
Rump Angle	-0,44									
Rear Legs Side View	-0,93									
Foot Angle	1,86									
Fore Udder Attachment	-0,24									
Front Teat Placement	-0,24									
Teat Length	-0,06									
Rear Udder Height	-1,00									
Rear Udder Width	0,34									
Central Ligament	-1,62									
Udder Depth	-1,72									
Rump Width	0,83									
Rear Legs Rear View	0,72									
Rear Teat Placement	-0,48									
Locomotion	2,11									
Body Condition	0,53									

daught. average

84,3	Frame	0,64
80,1	Dairy Strength	-2,07
82,8	Feet & Legs	2,68
76,3	Udder	-1,66
	SHI	8,7
	rank	430.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
LOUBEL VOLCANO-ET RED	CA000000403965	11.02.1989	REY-001
Country of origin	CA	Breed	R100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	...

Pedigree

Sire	PGS	STANHOPE CANNONADE
REYNOLD MICHEL-RED	CA000000337679	
CA000000384949	PGD	REYNOLD PREMIER MARGO
	CA0000003787647	
Dam	MGS	GLENAFTON ENHANCER
HANOVERHILL EN SHERRN-ET	CA000000343514	
CA0000003994376	MGD	SHAVERSIDE APOLLO SHERRN
	US000008628429	

Milk production data	SK 10/2018	Herds	207	Daug.	2558	Rel.	99 %	SPI	-1564
Number controls		BV		Milk		Fat	%	Prot.	%
49387				-251	-15	-0,12	-13	-0,11	
								rank	830.
								SCS	3,16
								rank	758.

Type data	SHA 10/2018	Herds	17 / 13	Daug.	100	75,1	Rel.	88 %	TYPE	-0,49
									rank	653.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,08									
Angularity	-0,74									
Chest Width	-0,17									
Body Depth	0,06									
Rump Angle	-0,43									
Rear Legs Side View	1,10									
Foot Angle	0,26									
Fore Udder Attachment	-1,50									
Front Teat Placement	-2,50									
Teat Length	0,59									
Rear Udder Height	1,25									
Rear Udder Width	1,67									
Central Ligament	-0,61									
Udder Depth	-0,70									
Rump Width	0,22									
Rear Legs Rear View	-0,82									
Rear Teat Placement	-3,04									
Locomotion	-0,45									
Body Condition	1,44									

daught. average

77,1	Frame	-0,11
71,8	Dairy Strength	-0,60
77,0	Feet & Legs	-0,53
74,9	Udder	-0,38
	SHI	-66,9
	rank	716.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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Bull name	Registration number	Birth date	State Register
CYRIL-ET	CZ000103593191	16.03.1998	ERY-001
Country of origin	CZ	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	22.04.1999
		CSK	4704/31

Pedigree

Sire	PGS	MADAWASKA AEROSTAR	
PEN-COL EMERY-ET		CA000000383622	STB-011
US000002174868	PGD	MIKAL ROTATE EULA-ET	
		US000013804086	
Dam	MGS	SINGING-BROOK N-BOY MASCOT-ET	
TAYACRES MASCOT PAMELA		US000002020049	NBY-011
US000014819789	MGD	TAYACRES MARK PEEP	
		US000013402349	

Milk production data	SK 10/2018	Herds	46	Daug.	110	Rel.	93 %	SPI	1331
Number controls		BV		Milk		Fat	%	Prot.	%
2081				377	7	-0,13	9	-0,05	SCS
									rank
									205.
									rank
									731.

Type data	SHA 10/2018	Herds	14 / 9	Daug.	20	77,2	Rel.	59 %	TYPE	-0,49
									rank	654.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,85									
Angularity	0,53									
Chest Width	-0,62									
Body Depth	-0,50									
Rump Angle	-0,33									
Rear Legs Side View	1,59									
Foot Angle	-2,38									
Fore Udder Attachment	-0,55									
Front Teat Placement	-0,91									
Teat Length	-0,94									
Rear Udder Height	-0,57									
Rear Udder Width	0,43									
Central Ligament	1,02									
Udder Depth	-1,00									
Rump Width	0,36									
Rear Legs Rear View	1,23									
Rear Teat Placement	-0,27									
Locomotion	-0,37									
Body Condition	-0,84									

daught. average

78,3	Frame	-0,97
77,3	Dairy Strength	0,21
77,0	Feet & Legs	-1,02
76,5	Udder	0,01
	SHI	20,4
	rank	371.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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Bull name	Registration number	Birth date	State Register
AQUILA MAJIC LUPIN-ET	IT000912027740	19.05.1997	BS-046
Country of origin	IT	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	18.12.1997
		ITA	96

Pedigree

Sire	PGS	TO-MAR BLACKSTAR-ET	
END-ROAD BLACKSTAR MAJIC-ET		US000001929410	CHR-002
US000002119660	PGD	END-ROAD MARK MICKEY	
		US000012551048	
Dam	MGS	SINGING-BROOK N-BOY MASCOT-ET	
AQUILA MASCOT DOTTIE-ET TL		US000002020049	NBY-011
IT000908005924	MGD	IT000906038351	

Milk production data	SK 10/2018	Herds	120	Daug.	1565	Rel.	99 %	SPI	281
Number controls		BV		Milk		Fat		rank	406.
30208				98		-7	-0,20	5	0,04
								SCS	3,08
								rank	659.

Type data	SHA 10/2018	Herds	38 / 20	Daug.	141	78,2	Rel.	90 %	TYPE	-0,50
								rank	655.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,25									
Angularity	-1,48									
Chest Width	2,16									
Body Depth	2,34									
Rump Angle	-0,65									
Rear Legs Side View	-0,31									
Foot Angle	0,00									
Fore Udder Attachment	-0,97									
Front Teat Placement	-1,16									
Teat Length	-0,19									
Rear Udder Height	-1,72									
Rear Udder Width	-0,74									
Central Ligament	-1,33									
Udder Depth	-1,42									
Rump Width	1,39									
Rear Legs Rear View	0,82									
Rear Teat Placement	-0,99									
Locomotion	0,16									
Body Condition	0,96									

daught. average

82,2	Frame	0,95
78,5	Dairy Strength	-0,10
78,8	Feet & Legs	0,21
75,7	Udder	-1,98
	SHI	-11,4
	rank	515.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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Bull name	Registration number	Birth date	State Register
SBS LUKE LUKAS-ET	SK000070006852	31.03.1996	LU-006
Country of origin	SK	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	24.10.1996
		SVK	0218/20

Pedigree

Sire	PGS	BIS-MAY TRADITION CLEITUS
NORRIELAKE CLEITUS LUKE-TWIN		US000001879085
US000002071864		CLE-003
CLE-005	PGD	NORRIELAKE VALIANT CHEER-ET
		US000012365669
Dam	MGS	SOUTHWIND BELL OF BAR-LEE
LONG-HAVEN SOUTH SUGAR-ET		US000001964484
US000014145056		BEL-001
	MGD	LONG-HAVEN BOVA SAMARA-ET
		US000012040197

Milk production data	SK 10/2018	Herds	54	Daug.	143	Rel.	95 %	SPI	-523
Number controls		BV		Milk		Fat	%	Prot.	%
3101				-131		-1	0,06	-5	-0,02
								SCS	2,77
								rank	575.
								rank	275.

Type data	SHA 10/2018	Herds	10 / 9	Daug.	25	77,0	Rel.	65 %	TYPE	-0,50
									rank	656.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,38									
Angularity	0,07									
Chest Width	-1,45									
Body Depth	-1,09									
Rump Angle	0,04									
Rear Legs Side View	-0,55									
Foot Angle	-0,32									
Fore Udder Attachment	-0,13									
Front Teat Placement	-0,32									
Teat Length	0,47									
Rear Udder Height	-0,27									
Rear Udder Width	-1,02									
Central Ligament	0,87									
Udder Depth	-0,28									
Rump Width	0,02									
Rear Legs Rear View	1,23									
Rear Teat Placement	-0,74									
Locomotion	-0,02									
Body Condition	0,85									

daught. average

78,0 **Frame** -0,86

76,0 **Dairy Strength** -1,00

76,8 **Feet & Legs** 0,09

77,0 **Udder** -0,14

SHI -35,7

rank 610.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
SBS LUKE LOTO-ET	SK000070003852	30.01.1996	LU-004
Country of origin	SK	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	24.10.1996
		SVK	0218/16

Pedigree

Sire	PGS	BIS-MAY TRADITION CLEITUS
NORRIELAKE CLEITUS LUKE-TWIN		US000001879085
US000002071864	PGD	NORRIELAKE VALIANT CHEER-ET
CLE-005		US000012365669
Dam	MGS	THONYMA SECRET
GREEN-VALE SECRET LORNA-ET		US000001856904
US000013589093	MGD	YUCCA ROTATE LORI-ET
		US000013119192

Milk production data	SK 10/2018	Herds	28	Daug.	84	Rel.	93 %	SPI	-1362
Number controls		BV		Milk		Fat		rank	775.
1725				-195		-10	-0,07	SCS	3,15
						-13	-0,15	rank	754.

Type data	SHA 10/2018	Herds	7 / 6	Daug.	11	76,5	Rel.	48 %	TYPE	-0,50
								rank	657.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,91									
Angularity	-0,35									
Chest Width	0,40									
Body Depth	0,26									
Rump Angle	-0,24									
Rear Legs Side View	0,00									
Foot Angle	-0,52									
Fore Udder Attachment	-0,85									
Front Teat Placement	-0,19									
Teat Length	-0,07									
Rear Udder Height	-0,77									
Rear Udder Width	-1,26									
Central Ligament	-0,32									
Udder Depth	0,28									
Rump Width	-0,34									
Rear Legs Rear View	0,37									
Rear Teat Placement	-1,08									
Locomotion	-0,09									
Body Condition	0,84									

daught. average

80,8	Frame	1,07
74,5	Dairy Strength	-0,33
77,2	Feet & Legs	-0,23
74,8	Udder	-1,33
	SHI	-61,1
	rank	696.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
JUNIPER PARK ET	CA00000402300	05.10.1988	CLE-016
Country of origin	CA	Breed	H100
Distributor	Slovensko	Herdbook	HA
		Paternity	

Pedigree

Sire	PGS	SWEET-HAVEN TRADITION
BIS-MAY TRADITION CLEITUS		US000001682485
US000001879085	PGD	BIS-MAY CONDUCTOR CORAL
CLE-003		US000010192628
Dam	MGS	GLENDELL ARLINDA CHIEF
HOLTEX GLENDELL PEGGY		US000001556373
US000010182353	MGD	HOLTEX JEWEL PEGGY
		US000008598308

Milk production data	SK 10/2018	Herds	31	Daug.	273	Rel.	97 %	SPI	-2556
Number controls		BV		Milk		Fat	%	Prot.	%
5588				-495		-20	-0,03	-21	-0,13
								SCS	3,47
								rank	1043.
								rank	1119.

Type data	SHA 10/2018	Herds	11 / 5	Daug.	51	76,5	Rel.	79 %	TYPE	-0,50
									rank	658.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,00									
Angularity	-0,65									
Chest Width	1,59									
Body Depth	1,20									
Rump Angle	0,95									
Rear Legs Side View	1,98									
Foot Angle	-0,56									
Fore Udder Attachment	-0,69									
Front Teat Placement	-1,39									
Teat Length	-0,33									
Rear Udder Height	-0,74									
Rear Udder Width	0,53									
Central Ligament	-1,71									
Udder Depth	-1,31									
Rump Width	-0,40									
Rear Legs Rear View	-1,23									
Rear Teat Placement	-0,07									
Locomotion	-0,41									
Body Condition	0,42									

daught. average

80,3	Frame	0,38
74,2	Dairy Strength	0,62
76,9	Feet & Legs	-0,58
75,7	Udder	-0,99
	SHI	-97,2
	rank	797.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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Bull name	Registration number	Birth date	State Register
BRANDY ET	DE00000392007	08.07.1990	BS-020
Country of origin	DE	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	

Pedigree

Sire	PGS	CAL-CLARK BOARD CHAIRMAN
TO-MAR BLACKSTAR-ET		US000001723741
US000001929410	PGD	TO-MAR WAYNE HAY
CHR-002		US000009804790
Dam	MGS	ARLINDA ROTATE
SONLIGHT ROTATE JELLO		US000001697572
US0000011991519	MGD	BELL JADE
		US0000011131617

Milk production data	SK 10/2018	Herds	138	Daug.	1909	Rel.	99 %	SPI	-978
Number controls		BV		Milk		Prot.		rank	686.
35788				-198	-5	0,03	-9	SCS	3,39
								rank	1044.

Type data	SHA 10/2018	Herds	23 / 9	Daug.	103	76,7	Rel.	91 %	TYPE	-0,51
								rank	659.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,22									
Angularity	-0,09									
Chest Width	-1,00									
Body Depth	-1,77									
Rump Angle	-0,51									
Rear Legs Side View	-1,23									
Foot Angle	-0,30									
Fore Udder Attachment	0,44									
Front Teat Placement	-0,74									
Teat Length	1,05									
Rear Udder Height	-0,10									
Rear Udder Width	-1,19									
Central Ligament	0,41									
Udder Depth	0,84									
Rump Width	0,22									
Rear Legs Rear View	0,76									
Rear Teat Placement	-1,10									
Locomotion	0,85									
Body Condition	-0,80									

daught. average

79,1	Frame	-0,56
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74,0	Dairy Strength	-0,83
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78,4	Feet & Legs	0,47
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76,1	Udder	-0,20
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	SHI	-49,7
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rank 666.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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Bull name	Registration number	Birth date	State Register
MIRACULIX-ET	DE000351002741	16.03.2007	BW-039
Country of origin	DE	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	22.06.2007
		DE	07/39537

Pedigree

Sire	PGS	MARA-THON BW MARSHALL-ET TV
LADYS-MANOR REMINGTON-ET		US000002290977
US000131849507	PGD	LADYS-MANOR RUBY JEN
		US000122267271
Dam	MGS	TIDY-BROOK J STEVEN TCG-ET
WEH OTELLA		US000002282997
DE000346612620	MGD	WEH OLLY
		DE000341636157

Milk production data	SK 10/2018	Herds	28	Daug.	143	Rel.	95 %	SPI	106
Number controls		BV		Milk		Fat		rank	443.
3014				-395		23	0,75	SCS	2,59
						0	0,29	rank	121.

Type data	SHA 10/2018	Herds	9 / 5	Daug.	27	78,7	Rel.	62 %	TYPE	-0,51
								rank	660.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,36									
Angularity	-0,47									
Chest Width	-0,51									
Body Depth	0,19									
Rump Angle	1,46									
Rear Legs Side View	1,00									
Foot Angle	-0,46									
Fore Udder Attachment	-0,41									
Front Teat Placement	1,32									
Teat Length	-1,32									
Rear Udder Height	-0,59									
Rear Udder Width	-1,02									
Central Ligament	-0,53									
Udder Depth	0,41									
Rump Width	0,61									
Rear Legs Rear View	0,40									
Rear Teat Placement	0,02									
Locomotion	0,32									
Body Condition	-0,37									

daught. average

82,6	Frame	0,11
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79,4	Dairy Strength	-0,44
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80,1	Feet & Legs	-0,45
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75,6	Udder	-0,60
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	SHI	-17,2
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rank 541.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
LATERRA BENCHMARK JOHAN-ET	SK000021310055	21.11.1995	BEK-002
Country of origin	SK	Breed	H100
Distributor		Herdbook	HA
		Paternity	

Pedigree

Sire	PGS	ARLINDA MELWOOD-ET
SINGING-BROOK BENCHMARK-ET		US000001879149
US000002078290	PGD	PACLAMAR MARIETTA BOWS
MEW-001		US000012178426
Dam	MGS	SINGING-BROOK N-BOY MASCOT-ET
EVER-GREEN-VIEW JELLY-ET		US000002020049
US000015060872	MGD	BAY-ROAD CLEITUS PLUM-ET
		US000013613699

Milk production data	SK 10/2018	Herds	35	Daug.	103	Rel.	93 %	SPI	-1111
Number controls		BV		Milk		Fat		rank	718.
1830				-243		-1	0,14	SCS	3,25
						-11	-0,09	rank	888.

Type data	SHA 10/2018	Herds	12 / 9	Daug.	22	76,8	Rel.	64 %	TYPE	-0,51
								rank	661.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,72									
Angularity	-0,51									
Chest Width	0,26									
Body Depth	1,83									
Rump Angle	0,08									
Rear Legs Side View	0,10									
Foot Angle	1,15									
Fore Udder Attachment	-2,14									
Front Teat Placement	-0,85									
Teat Length	1,11									
Rear Udder Height	-1,76									
Rear Udder Width	-1,28									
Central Ligament	-0,47									
Udder Depth	-0,79									
Rump Width	-0,16									
Rear Legs Rear View	-0,59									
Rear Teat Placement	-0,92									
Locomotion	-0,80									
Body Condition	-0,77									

daught. average

81,5	Frame	0,81
74,4	Dairy Strength	-0,10
77,9	Feet & Legs	0,16
75,0	Udder	-1,49
	SHI	-54,0
	rank	677.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
OSDEL-ENDEAVOR CUTIES MARK-ET	US000002009164	16.02.1986	WLK-016

Country of origin	US	Breed	H100
Distributor		Herdbook	HA
		Paternity	15.08.1986
		USA	IG 85982A

Pedigree

Sire	PGS	PAWNEE FARM ARLINDA CHIEF
WALKWAY CHIEF MARK		US000001427381
US000001773417	PGD	WALKWAY MATT MAMIE
		US000008309147
Dam	MGS	S-W-D VALIANT
RYND-HOME VALIANT CUTIE		US000001650414
US0000011268725	MGD	RYND-HOME ELEVATION CUPID
		US000009794868

Milk production data	SK 10/2018	Herds	95	Daug.	818	Rel.	99 %	SPI	-1608
Number controls		BV		Milk		Fat	%	rank	836.
15625				-350		-17	-0,08	SCS	3,46
						-10	0,01	rank	1118.

Type data	SHA 10/2018	Herds	18 / 16	Daug.	55	76,1	Rel.	87 %	TYPE	-0,52
								rank	662.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-1,06									
Angularity	-0,53									
Chest Width	0,78									
Body Depth	1,18									
Rump Angle	-1,16									
Rear Legs Side View	0,87									
Foot Angle	-0,03									
Fore Udder Attachment	-1,19									
Front Teat Placement	-1,92									
Teat Length	2,04									
Rear Udder Height	-0,79									
Rear Udder Width	0,20									
Central Ligament	0,16									
Udder Depth	-1,12									
Rump Width	1,28									
Rear Legs Rear View	0,78									
Rear Teat Placement	0,11									
Locomotion	0,44									
Body Condition	-0,91									

daught. average

77,7	Frame	-0,46
73,7	Dairy Strength	0,51
77,1	Feet & Legs	0,09
76,1	Udder	-0,73
	SHI	-69,1
	rank	728.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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Bull name	Registration number	Birth date	State Register
TADEUS	DE001402499359	24.04.2005	TUL-005
Country of origin	DE	Breed	R100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	13.01.2006
		DE	05/6369

Pedigree

Sire	PGS	SUBLIEM TULIP RED
TAECKS		NL000815222426
DE000111441331	PGD	TANJA
		DE000108567613
Dam	MGS	STARSTRUCK J PARADOX-RED-ET
JENNA		US000017286871
DE001401848355	MGD	JANINA
		DE001401124587

Milk production data	SK 10/2018	Herds	58	Daug.	346	Rel.	98 %	SPI	-1083
Number controls		BV		Milk		Fat	%	Prot.	%
6769				-563		11	0,67	-9	0,19
								SCS	2,82
								rank	711.
								rank	326.

Type data	SHA 10/2018	Herds	19 / 10	Daug.	59	78,5	Rel.	80 %	TYPE	-0,52
									rank	663.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,51									
Angularity	-1,23									
Chest Width	0,43									
Body Depth	1,72									
Rump Angle	-1,16									
Rear Legs Side View	1,15									
Foot Angle	-1,66									
Fore Udder Attachment	-0,07									
Front Teat Placement	0,54									
Teat Length	0,08									
Rear Udder Height	-0,16									
Rear Udder Width	0,69									
Central Ligament	-1,17									
Udder Depth	0,54									
Rump Width	-0,04									
Rear Legs Rear View	0,80									
Rear Teat Placement	0,11									
Locomotion	-0,11									
Body Condition	0,96									

daught. average

81,2	Frame	-0,21
79,2	Dairy Strength	-0,30
78,6	Feet & Legs	-1,46
76,8	Udder	0,01
	SHI	-53,4
	rank	675.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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Bull name	Registration number	Birth date	State Register
MR LOMAX-RED-ET	US000132329547	10.01.2002	BW-030
Country of origin	US	Breed	R100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	23.03.2006
		US	M06014493

Pedigree

Sire	PGS	MARA-THON BW MARSHALL-ET TV
B-HIDDENHILLS MAR MARMAX-ET		US000002290977
US000126853007	PGD	NEYER MOMENTUM MAXY-ET
BW-034		US000015361293
Dam	MGS	ETAZON CELSIUS-ET
MISS CELCIUS LORENA		NL000460508522
US000017267176	MGD	ROTHROCK LEADER LEIAL-ET
		US000015478506

Milk production data	SK 10/2018	Herds	32	Daug.	239	Rel.	97 %	SPI	2269
Number controls		BV		Milk		Fat		rank	95.
5126				767		6	-0,39	SCS	3,36
						16	-0,16	rank	1024.

Type data	SHA 10/2018	Herds	5 / 3	Daug.	15	77,3	Rel.	56 %	TYPE	-0,52
								rank	664.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,80									
Angularity	-0,62									
Chest Width	-0,66									
Body Depth	-0,33									
Rump Angle	-0,85									
Rear Legs Side View	0,72									
Foot Angle	-0,80									
Fore Udder Attachment	0,73									
Front Teat Placement	0,98									
Teat Length	0,17									
Rear Udder Height	0,97									
Rear Udder Width	1,60									
Central Ligament	-0,35									
Udder Depth	-1,26									
Rump Width	-0,46									
Rear Legs Rear View	0,12									
Rear Teat Placement	0,12									
Locomotion	0,08									
Body Condition	-0,42									

daught. average

80,1	Frame	-0,98
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78,1	Dairy Strength	-0,95
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76,5	Feet & Legs	-0,19
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76,0	Udder	0,46
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	SHI	47,5
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rank 273.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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Bull name	Registration number	Birth date	State Register
LA PRESENTATION, MANNIX ET	CA000005212707	11.10.1990	BS-025

Country of origin	CA	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	05.12.1990
		CAN	235062

Pedigree

Sire	PGS	CAL-CLARK BOARD CHAIRMAN
TO-MAR BLACKSTAR-ET		US000001723741
US000001929410	PGD	TO-MAR WAYNE HAY
CHR-002		US000009804790
Dam	MGS	HANOVER-HILL SWD DAGGER-ET
DE LA PRESENTATION MISSY		CA000000362965
CA000004526896	MGD	DE LA PRESENTATION LIMA
		CA000004111972

Milk production data	SK 10/2018	Herds	42	Daug.	426	Rel.	98 %	SPI	-1853
Number controls		BV		Milk		Fat	%	Prot.	%
8171				-430		-9	0,13	-16	-0,06
								SCS	3,30
								rank	891.
								rank	937.

Type data	SHA 10/2018	Herds	7 / 6	Daug.	36	75,9	Rel.	77 %	TYPE	-0,53
									rank	665.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,80									
Angularity	0,89									
Chest Width	-0,97									
Body Depth	-0,25									
Rump Angle	-0,46									
Rear Legs Side View	0,30									
Foot Angle	-0,80									
Fore Udder Attachment	-0,48									
Front Teat Placement	1,00									
Teat Length	0,15									
Rear Udder Height	-0,40									
Rear Udder Width	-0,24									
Central Ligament	0,14									
Udder Depth	-0,91									
Rump Width	-0,57									
Rear Legs Rear View	-1,47									
Rear Teat Placement	-0,15									
Locomotion	-1,37									
Body Condition	-0,46									

daught. average

79,6	Frame	-1,13
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74,1	Dairy Strength	1,16
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75,8	Feet & Legs	-1,45
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75,2	Udder	0,01
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	SHI	-77,0
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rank 753.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

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Bull name	Registration number	Birth date	State Register
CELIM-ET	DE000340969067	03.04.1996	CES-003
Country of origin	DE	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	26.04.1996
		DEU	96/6792

Pedigree

Sire	PGS	HOW-EL-ACRES KIRK BELLMAN-ET
ETAZON CELSIUS-ET		US000001874634
NL000460508522	PGD	WEA-LAND BELL ELLA
		US000012105357
Dam	MGS	CYPRESS-HILL LABAN-ET
MAIGLUCK		US000001926224
DE001015148178	MGD	MAIROSE
		DE001015020455

Milk production data	SK 10/2018	Herds	63	Daug.	919	Rel.	99 %	SPI	-271
Number controls	BV	Milk	Fat	%	Prot.	%	rank		515.
18626		-207	-1	0,11	1	0,16	SCS	3,70	rank
									1226.

Type data	SHA 10/2018	Herds	33 / 9	Daug.	146	78,5	Rel.	90 %	TYPE	-0,53
							rank			666.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-1,46									
Angularity	0,98									
Chest Width	-2,49									
Body Depth	-3,07									
Rump Angle	-1,26									
Rear Legs Side View	0,07									
Foot Angle	0,64									
Fore Udder Attachment	1,06									
Front Teat Placement	-1,37									
Teat Length	1,89									
Rear Udder Height	2,06									
Rear Udder Width	0,96									
Central Ligament	-0,57									
Udder Depth	0,74									
Rump Width	-0,85									
Rear Legs Rear View	-1,68									
Rear Teat Placement	-0,28									
Locomotion	0,50									
Body Condition	-1,48									

daught. average

79,7	Frame	-2,18
78,4	Dairy Strength	-0,80
79,3	Feet & Legs	0,70
77,5	Udder	0,82
	SHI	-29,5
	rank	587.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

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Bull name	Registration number	Birth date	State Register
MAIZEFIELD BELLWOOD-ET	US000002103297	19.05.1989	MEW-004
Country of origin	US	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	28.09.1989
		US	DNA IG129679A

Pedigree

Sire	PGS	ARLINDA ROTATE
ARLINDA MELWOOD-ET		US000001697572
US000001879149	PGD	ARLINDA COMBI MELODY
		US000009311697
Dam	MGS	CARLIN-M IVANHOE BELL
BREN-WAY BELL BETSY		US000001667366
US0000012052401	MGD	BREN-WAY TONY BESSIE
		US0000011302033

Milk production data	SK 10/2018	Herds	223	Daug.	4119	Rel.	99 %	SPI	2228
Number controls		BV		Milk		Fat		rank	100.
79181				649		19	-0,11	SCS	2,94
						13	-0,15	rank	484.

Type data	SHA 10/2018	Herds	268 / 61	Daug.	1663	77,6	Rel.	99 %	TYPE	-0,54
								rank	667.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	1,26									
Angularity	-0,78									
Chest Width	-1,31									
Body Depth	0,17									
Rump Angle	1,45									
Rear Legs Side View	1,00									
Foot Angle	1,08									
Fore Udder Attachment	-1,46									
Front Teat Placement	-1,33									
Teat Length	1,52									
Rear Udder Height	-0,25									
Rear Udder Width	0,45									
Central Ligament	-0,00									
Udder Depth	-2,09									
Rump Width	-1,22									
Rear Legs Rear View	-0,69									
Rear Teat Placement	-1,80									
Locomotion	-0,75									
Body Condition	-0,40									

daught. average

80,9	Frame	0,67
76,6	Dairy Strength	-1,38
78,0	Feet & Legs	0,18
76,2	Udder	-1,04
	SHI	45,7
	rank	278.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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Bull name	Registration number	Birth date	State Register
BOS RIPP ET	NL000134583743	16.11.1988	MOH-001
Country of origin	Breed		H100
NL	Herdbook		HA
Distributor	Paternity		

Pedigree

Sire	PGS	LIME-HOLLOW ASTRON.,MONARCH
RIPVALLEY MONARCH,NA-TONY-TWIN		US000001596723
US000001844239	PGD	RIPVALLEY KNIGHT NATALIE
		US000008459746
Dam	MGS	CARLIN-MAYER CAPRIE-ET
BOS ODIUM ET		US000001833269
NL000133726239	MGD	BOS KEN ROYAL
		NL000703467117

Milk production data	SK 10/2018	Herds	55	Daug.	372	Rel.	98 %	SPI	-1494
Number controls		BV		Milk		Fat	%	Prot.	%
7246				-477		-5	0,27	-11	0,09
								SCS	3,07
								rank	810.
								rank	646.

Type data	SHA 10/2018	Herds	7 / 4	Daug.	75	77,0	Rel.	82 %	TYPE	-0,54
								rank	668.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,16									
Angularity	-1,93									
Chest Width	2,33									
Body Depth	2,18									
Rump Angle	1,35									
Rear Legs Side View	1,42									
Foot Angle	-0,52									
Fore Udder Attachment	-4,11									
Front Teat Placement	-0,81									
Teat Length	0,51									
Rear Udder Height	-1,51									
Rear Udder Width	0,56									
Central Ligament	-0,10									
Udder Depth	-2,36									
Rump Width	1,39									
Rear Legs Rear View	-0,30									
Rear Teat Placement	-1,49									
Locomotion	-0,10									
Body Condition	1,01									

daught. average

79,7	Frame	1,23
75,5	Dairy Strength	-0,46
77,5	Feet & Legs	-0,38
76,0	Udder	-1,48
	SHI	-66,7
	rank	714.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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Bull name	Registration number	Birth date	State Register
TURENNE	FR002930982307	02.06.2002	MTA-002
Country of origin	FR	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	18.03.2003
		FRA	159318

Pedigree

Sire	PGS	LUTZ-MEADOWS E MANDEL-ET
MANAT-ET		US000002119526
DE002261530135	PGD	IMPERIAL SPLEMDORS STYLE
MNL-004		US000013633539
Dam	MGS	STARTMORE RUDOLPH-ET
LYLEHAVEN RUDOLPH GINA-ET		CA000005470579
US000018020800	MGD	MIKLIN MASCOT GIDGET
		US000014966313

Milk production data	SK 10/2018	Herds	44	Daug.	113	Rel.	93 %	SPI	-1312
Number controls		BV		Milk		Fat		rank	757.
2055				-275		-14	-0,09	SCS	3,36
						-8	-0,00	rank	1017.

Type data	SHA 10/2018	Herds	15 / 12	Daug.	26	78,2	Rel.	68 %	TYPE	-0,55
								rank	669.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,78									
Angularity	0,42									
Chest Width	-1,96									
Body Depth	-1,98									
Rump Angle	-0,49									
Rear Legs Side View	0,59									
Foot Angle	1,40									
Fore Udder Attachment	-0,14									
Front Teat Placement	-0,38									
Teat Length	-2,21									
Rear Udder Height	-0,43									
Rear Udder Width	-0,28									
Central Ligament	-2,01									
Udder Depth	0,04									
Rump Width	-0,96									
Rear Legs Rear View	-0,07									
Rear Teat Placement	0,09									
Locomotion	-0,24									
Body Condition	-1,11									

daught. average

81,5	Frame	-0,23
77,9	Dairy Strength	-0,90
79,2	Feet & Legs	0,57
76,2	Udder	-0,65
	SHI	-61,5
	rank	699.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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Bull name	Registration number	Birth date	State Register
MIKE	NL000815222419	29.09.1992	NIK-002
Country of origin	NL	Breed	R100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	25.02.1998
		SVK	815222419

Pedigree

Sire	PGS	TO-MAR BLACKSTAR-ET	
DOMAR NIGHTHAWK		US000001929410	CHR-002
CA000005004326	PGD	DOMAR ENHANCER KIM RED	
		CA000004062945	
Dam	MGS	E-D TONTO CAVALIER	
BATENBURG BAT TINA 824		US000000022235	
NL000458657432	MGD	TINA	
		DE001015070499	

Milk production data	SK 10/2018	Herds	69	Daug.	954	Rel.	99 %	SPI	-7
Number controls		BV		Milk		Fat		rank	470.
21067				-247		23	0,61	SCS	2,60
						-4	0,07	rank	131.

Type data	SHA 10/2018	Herds	9 / 3	Daug.	78	76,4	Rel.	86 %	TYPE	-0,55
								rank	670.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-2,01									
Angularity	-0,29									
Chest Width	-0,04									
Body Depth	-0,02									
Rump Angle	-0,62									
Rear Legs Side View	-0,18									
Foot Angle	-1,55									
Fore Udder Attachment	0,81									
Front Teat Placement	2,09									
Teat Length	0,03									
Rear Udder Height	0,29									
Rear Udder Width	0,29									
Central Ligament	-1,23									
Udder Depth	-0,20									
Rump Width	-1,29									
Rear Legs Rear View	0,25									
Rear Teat Placement	0,17									
Locomotion	-1,25									
Body Condition	0,85									

daught. average

76,3	Frame	-1,75
75,3	Dairy Strength	-0,08
77,1	Feet & Legs	-1,56
76,7	Udder	1,25
	SHI	-22,2
	rank	558.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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Bull name	Registration number	Birth date	State Register
CMV SW MARCUS-ET	US000002169064	08.02.1991	BEL-016

Country of origin	US	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	23.12.1991
		USA	IG163579A

Pedigree

Sire	PGS	CARLIN-M IVANHOE BELL
SOUTHWIND BELL OF BAR-LEE		US000001667366
US000001964484	PGD	SOUTHWIND VALIANT NAOMA-ET
BEL-001		US000011489023
Dam	MGS	ARLINDA MELWOOD-ET
CMV MELWOOD MINDY-ET		US000001879149
US000013624812	MGD	BRIARPATCH-R MISTY-ET
		US000012882374

Milk production data	SK 10/2018	Herds	35	Daug.	294	Rel.	97 %	SPI	-705
Number controls		BV		Milk		Fat	%	rank	616.
5612				-89	-3	-0,01	-8	SCS	3,43
								rank	1086.

Type data	SHA 10/2018	Herds	18 / 9	Daug.	66	76,6	Rel.	83 %	TYPE	-0,55
								rank	671.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	1,04									
Angularity	0,33									
Chest Width	-1,45									
Body Depth	-1,97									
Rump Angle	-0,44									
Rear Legs Side View	0,75									
Foot Angle	-0,60									
Fore Udder Attachment	-1,65									
Front Teat Placement	-0,96									
Teat Length	-1,38									
Rear Udder Height	-0,79									
Rear Udder Width	0,14									
Central Ligament	0,18									
Udder Depth	-0,78									
Rump Width	-0,13									
Rear Legs Rear View	1,03									
Rear Teat Placement	-1,06									
Locomotion	0,13									
Body Condition	-1,32									

daught. average

79,7	Frame	0,28
74,4	Dairy Strength	-0,80
76,4	Feet & Legs	-0,13
76,1	Udder	-0,88
	SHI	-43,4
	rank	642.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
COMESTAR MANAGER-ET	CA000010542522	18.09.1998	RUH-013
Country of origin	CA	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	04.02.1999
		CAN	BT431415

Pedigree

Sire	PGS	MADAWASKA AEROSTAR
STARTMORE RUDOLPH-ET		CA000000383622
CA000005470579	PGD	STARTMORE RACHELLE-ET
ARS-015		CA000004324253
Dam	MGS	A TOWNSON LINDY-ET
COMESTAR LAURALYN LINDY		CA000000382748
CA000006341920	MGD	COMESTAR LAURA BLACK-ET
		CA000005319783

Milk production data	SK 10/2018	Herds	21	Daug.	209	Rel.	96 %	SPI	-2004
Number controls		BV		Milk		Fat		rank	925.
3707				-316		-14	-0,04	SCS	2,86
						-19	-0,21	rank	366.

Type data	SHA 10/2018	Herds	16 / 4	Daug.	80	77,4	Rel.	84 %	TYPE	-0,55
								rank	672.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	1,58									
Angularity	0,93									
Chest Width	-2,11									
Body Depth	-0,24									
Rump Angle	0,66									
Rear Legs Side View	0,38									
Foot Angle	-0,10									
Fore Udder Attachment	-0,08									
Front Teat Placement	-0,68									
Teat Length	-0,12									
Rear Udder Height	0,05									
Rear Udder Width	-1,62									
Central Ligament	-1,12									
Udder Depth	1,16									
Rump Width	-0,81									
Rear Legs Rear View	-0,72									
Rear Teat Placement	0,54									
Locomotion	-1,90									
Body Condition	-1,05									

daught. average

81,9	Frame	0,80
78,1	Dairy Strength	0,52
77,1	Feet & Legs	-1,55
75,0	Udder	-1,28
	SHI	-82,6
	rank	767.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
ADRIAN	DE000004598170	05.12.1983	ACH-001
Country of origin	DE	Breed	H100
Distributor		Herdbook	HA
		Paternity	

Pedigree

Sire	PGS	HILLTOP APOLLO IVANHOE
CHAPEL-BANK APACHE		US000001399824
US000001537570	PGD	GREEN BANKS BURKGOV,ARLENE
		US000005496871
Dam	MGS	CITATION R MAPLE
DINI		US000001430145
DE001004360900	MGD	DINA
		DE000004284690

Milk production data	SK 10/2018	Herds	106	Daug.	701	Rel.	99 %	SPI	-2830
Number controls		BV		Milk		Fat		rank	1105.
11121				-784		-23	0,14	SCS	2,90
						-17	0,17	rank	420.

Type data	SHA 10/2018	Herds	5 / 5	Daug.	50	74,0	Rel.	74 %	TYPE	-0,56
								rank	673.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,81									
Angularity	-1,19									
Chest Width	1,31									
Body Depth	0,11									
Rump Angle	0,61									
Rear Legs Side View	0,05									
Foot Angle	-1,10									
Fore Udder Attachment	-0,36									
Front Teat Placement	0,47									
Teat Length	1,22									
Rear Udder Height	-1,63									
Rear Udder Width	-1,02									
Central Ligament	-0,87									
Udder Depth	-0,43									
Rump Width	-0,04									
Rear Legs Rear View	-0,36									
Rear Teat Placement	-0,72									
Locomotion	-0,45									
Body Condition	1,14									

daught. average

73,5	Frame	-0,30
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71,5	Dairy Strength	-0,39
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76,3	Feet & Legs	-0,60
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74,6	Udder	-0,28
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	SHI	-107,6
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rank 808.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
AMERAN	NL000259740812	08.09.1999	AML-001
Country of origin	NL	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	11.11.1999
		NLD	259740812

Pedigree

Sire	PGS	THE CHOICE OF MARK ADAM-ET
OUT-JOCK CHOICE AMEL-ET		US000002027062
US000002231596	PGD	MISS TA RO LEE NICK ANN-ET
		US000014493791
Dam	MGS	MAIZEFIELD BELLWOOD-ET
LANE S SUMMER		US000002103297
US000015833513	MGD	SUREFINE
		US000014265489

Milk production data	SK 10/2018	Herds	37	Daug.	103	Rel.	93 %	SPI	-585
Number controls		BV		Milk		Fat	%	Prot.	%
2175				-81		-4	-0,02	-6	-0,08
								SCS	3,14
								rank	588.
								rank	736.

Type data	SHA 10/2018	Herds	12 / 8	Daug.	19	77,5	Rel.	57 %	TYPE	-0,56
								rank	674.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,02									
Angularity	-0,37									
Chest Width	0,27									
Body Depth	0,98									
Rump Angle	0,72									
Rear Legs Side View	1,27									
Foot Angle	0,32									
Fore Udder Attachment	-0,70									
Front Teat Placement	-1,09									
Teat Length	-1,05									
Rear Udder Height	0,05									
Rear Udder Width	-0,44									
Central Ligament	-0,06									
Udder Depth	-0,29									
Rump Width	-0,89									
Rear Legs Rear View	0,02									
Rear Teat Placement	-0,13									
Locomotion	-0,70									
Body Condition	-1,19									

daught. average

80,1	Frame	0,01
77,1	Dairy Strength	-0,28
78,7	Feet & Legs	-0,06
75,8	Udder	-0,98
	SHI	-39,9
	rank	634.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
ALAN-ET	CZ000088992181	12.11.1996	SUM-003
Country of origin	CZ	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	13.02.1997
		CSK	4590/26

Pedigree

Sire	PGS	BIS-MAY TRADITION CLEITUS
GLEN-TOCTIN SLOCUM	US000001879085	CLE-003
US000002097322	PGD	GLEN-TOCTIN MARK SAGE
CLE-015	US000012631699	
Dam	MGS	LA-POE K HARDTAC-ET
TIDY-BROOK SECRETARY-ET	US000002073505	KLK-002
US000015355439	MGD	TIDY-BROOK SOUTHWIND SUZY-TWIN
	US000014225955	

Milk production data	SK 10/2018	Herds	36	Daug.	89	Rel.	93 %	SPI	0
Number controls		BV	Milk	Fat	%	Prot.	%	rank	469.
1799			187	2	-0,10	-5	-0,23	SCS	3,83
								rank	1253.

Type data	SHA 10/2018	Herds	7 / 6	Daug.	10	75,9	Rel.	54 %	TYPE	-0,56
								rank	675.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,71									
Angularity	-0,57									
Chest Width	1,04									
Body Depth	0,82									
Rump Angle	-0,19									
Rear Legs Side View	0,26									
Foot Angle	-0,63									
Fore Udder Attachment	0,05									
Front Teat Placement	-0,27									
Teat Length	-0,28									
Rear Udder Height	0,93									
Rear Udder Width	0,88									
Central Ligament	-2,24									
Udder Depth	-0,45									
Rump Width	0,09									
Rear Legs Rear View	0,48									
Rear Teat Placement	0,37									
Locomotion	-0,44									
Body Condition	0,47									

daught. average

79,8 **Frame** -0,16

74,6 **Dairy Strength** 0,00

75,7 **Feet & Legs** -0,65

74,7 **Udder** -0,37

SHI -22,4

rank 559.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
LOMBARD	DE000101587579	17.07.1993	LOG-001
Country of origin	DE	Breed	R100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	09.03.1994
		DEU	94/3702

Pedigree

Sire	PGS	HI-DE-HO SUNSET KID RED
SHADY-LAWN-U LOGIC RED-ET		US000001810994
US000002034426	PGD	SHADY-LAWN-U LICORICE RED
SUN-003		US000011882992
Dam	MGS	BROOKS-TWAIN STRATOS RED-ET
PRERIE 98		US000001884044
DE000107688741	MGD	NURMI
		DE000107549971

Milk production data	SK 10/2018	Herds	122	Daug.	1217	Rel.	99 %	SPI	-1503
Number controls		BV		Milk		Fat		rank	814.
24807				-238		-13	-0,08	SCS	3,00
						-13	-0,13	rank	561.

Type data	SHA 10/2018	Herds	15 / 5	Daug.	93	76,2	Rel.	86 %	TYPE	-0,56
								rank	676.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,25									
Angularity	0,68									
Chest Width	-1,43									
Body Depth	-1,42									
Rump Angle	0,30									
Rear Legs Side View	0,33									
Foot Angle	-0,71									
Fore Udder Attachment	-0,76									
Front Teat Placement	-0,85									
Teat Length	0,37									
Rear Udder Height	-0,14									
Rear Udder Width	0,05									
Central Ligament	-0,80									
Udder Depth	-0,83									
Rump Width	2,39									
Rear Legs Rear View	0,47									
Rear Teat Placement	-1,87									
Locomotion	-0,63									
Body Condition	-0,60									

daught. average

78,6	Frame	-0,01
74,8	Dairy Strength	-0,36
77,7	Feet & Legs	-0,18
74,7	Udder	-0,80
	SHI	-67,7
	rank	721.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
COGENT COURIER-ET	GB000000586950	26.06.1997	FAL-003
Country of origin	GB	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	26.07.1997
		GBR	V54587

Pedigree

Sire	PGS	PEN SPRING MR C (UGELA BELL)
FATAL		US000001920807
FR002290038601	PGD	BRUNE 84
		FR002286037388
Dam	MGS	ETAZON CELSIUS-ET
TIDY-BROOK CEL CLARA-ET		NL000460508522
US000015688607	MGD	TIDY-BROOK SHELBY ELTON-ET
		US000014451721

Milk production data	SK 10/2018	Herds	22	Daug.	214	Rel.	97 %	SPI	1041
Number controls		BV		Milk		Fat		rank	266.
4340				309		-4	-0,29	11	0,03
								SCS	3,26
								rank	896.

Type data	SHA 10/2018	Herds	31 / 10	Daug.	156	78,6	Rel.	91 %	TYPE	-0,56
								rank	677.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,71									
Angularity	-0,04									
Chest Width	-0,21									
Body Depth	-0,37									
Rump Angle	-0,44									
Rear Legs Side View	0,50									
Foot Angle	-0,18									
Fore Udder Attachment	0,10									
Front Teat Placement	2,09									
Teat Length	-0,14									
Rear Udder Height	-0,46									
Rear Udder Width	0,25									
Central Ligament	-1,07									
Udder Depth	-2,00									
Rump Width	0,70									
Rear Legs Rear View	-1,04									
Rear Teat Placement	1,91									
Locomotion	-0,93									
Body Condition	-0,30									

daught. average

80,9	Frame	-0,54
78,9	Dairy Strength	-0,12
78,2	Feet & Legs	-1,29
77,4	Udder	-0,09
	SHI	9,0
	rank	428.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
CIFER BELLWOOD LEX-ET	SK000069214862	04.05.1997	BW-003
Country of origin SK		Breed	H100
Distributor		Herdbook	HA
		Paternity	

Pedigree

Sire	PGS	ARLINDA MELWOOD-ET US000001879149
MAIZEFIELD BELLWOOD-ET US000002103297 MEW-004	PGD	BREN-WAY BELL BETSY US000012052401
Dam	MGS	MADAWASKA AEROSTAR CA000000383622 STB-011
LEXVOLD AEROSTAR PRETZ9-ET US000014788970	MGD	LEXVOLD BOARD CHAIRMAN PRETZEL US000012191036

Milk production data	SK 10/2018	Herds	45	Daug.	98	Rel.	93 %	SPI	403
Number controls		BV		Milk		Fat		rank	379.
1933				74		9	0,10	SCS	2,91
								rank	443.

Type data	SHA 10/2018	Herds	8 / 8	Daug.	11	76,1	Rel.	55 %	TYPE	-0,56
								rank	678.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,41									
Angularity	-1,38									
Chest Width	0,17									
Body Depth	-0,29									
Rump Angle	0,10									
Rear Legs Side View	-0,56									
Foot Angle	0,46									
Fore Udder Attachment	-1,43									
Front Teat Placement	-0,78									
Teat Length	1,41									
Rear Udder Height	0,03									
Rear Udder Width	0,84									
Central Ligament	-0,64									
Udder Depth	-1,92									
Rump Width	-1,15									
Rear Legs Rear View	0,20									
Rear Teat Placement	-1,16									
Locomotion	-0,38									
Body Condition	-0,12									

daught. average

77,4 **Frame** **-0,55**

72,4 **Dairy Strength** **-1,46**

77,5 **Feet & Legs** **0,38**

76,8 **Udder** **-0,18**

SHI **-10,3**

rank 507.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
ASLO	DE00000385434	12.10.1985	ASR-004
Country of origin	DE	Breed	H100
Distributor	Nemecko	Herdbook	HA
		Paternity	

Pedigree

Sire	PGS	PACLAMAR ASTRONAUT
BRIDON ASTRO JET-ET		US000001458744
CA000000349040	PGD	MOERACRES ANNA GEM
		US000008047373
Dam	MGS	GLENDELL ARLINDA CHIEF
KATI		US000001556373
DE001008576497	MGD	KAROLINE
		DE001006286557

Milk production data	SK 10/2018	Herds	88	Daug.	445	Rel.	98 %	SPI	-3138
Number controls		BV		Milk		Fat		rank	1161.
8585				-861		-17	0,34	SCS	2,92
								rank	450.

Type data	SHA 10/2018	Herds	13 / 7	Daug.	52	75,5	Rel.	75 %	TYPE	-0,56
								rank	679.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,75									
Angularity	-1,21									
Chest Width	0,85									
Body Depth	1,41									
Rump Angle	-0,80									
Rear Legs Side View	0,81									
Foot Angle	-0,66									
Fore Udder Attachment	-0,83									
Front Teat Placement	-0,34									
Teat Length	0,06									
Rear Udder Height	-1,53									
Rear Udder Width	-0,66									
Central Ligament	-0,04									
Udder Depth	-0,69									
Rump Width	0,39									
Rear Legs Rear View	0,28									
Rear Teat Placement	-0,47									
Locomotion	-0,06									
Body Condition	1,14									

daught. average

73,7	Frame	-0,34
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73,0	Dairy Strength	-0,26
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76,3	Feet & Legs	-0,11
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77,0	Udder	-0,75
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	SHI	-117,0
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rank 815.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
COMA-ET	DE000021329808	24.04.1993	CI-001
Country of origin	DE	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	06.08.1993
		DEU	93/10293

Pedigree

Sire	PGS	WALKWAY CHIEF MARK
HIGHLIGHT MR MARK CINDER-ET		US000001773417
US000002014517	PGD	ROLL-N-VIEW BELL CINDY
		US000010935707
Dam	MGS	HANOVERHILL STARBUCK
LARI 12		CA000000352790
DE001020523864	MGD	LUNETTA
		DE001020242984

Milk production data	SK 10/2018	Herds	140	Daug.	1535	Rel.	99 %	SPI	-1957
Number controls		BV		Milk		Fat	%	Prot.	%
31604				-451	-19	-0,05	-13	0,03	
								rank	917.
								SCS	3,21
								rank	826.

Type data	SHA 10/2018	Herds	29 / 15	Daug.	142	76,7	Rel.	91 %	TYPE	-0,57
									rank	680.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-1,40									
Angularity	-0,37									
Chest Width	-0,10									
Body Depth	0,35									
Rump Angle	-0,70									
Rear Legs Side View	1,12									
Foot Angle	-0,32									
Fore Udder Attachment	-1,07									
Front Teat Placement	1,14									
Teat Length	-0,39									
Rear Udder Height	-0,09									
Rear Udder Width	0,43									
Central Ligament	0,81									
Udder Depth	-1,51									
Rump Width	-0,26									
Rear Legs Rear View	-1,38									
Rear Teat Placement	1,72									
Locomotion	-1,06									
Body Condition	-0,02									

daught. average

78,1	Frame	-1,23
75,9	Dairy Strength	-0,18
76,7	Feet & Legs	-1,10
76,5	Udder	0,64
	SHI	-81,8
	rank	763.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
LAUFER-ET	DE000114573779	12.12.2004	LUS-006
Country of origin	DE	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	21.03.2005
		DEU	05/34911

Pedigree

Sire	PGS	LUKAS
LAUDAN-ET		DE001012104370
DE000578448776	PGD	BRISANZ 1
		DE000576302497
Dam	MGS	BEACHLAWN GELPRO TOBEY-ET
ARELIA 25		US000002182343
FR005703101059	MGD	LIESERIE
		FR008895004292

Milk production data	SK 10/2018	Herds	38	Daug.	135	Rel.	95 %	SPI	277
Number controls		BV		Milk		Fat		rank	407.
3035				59		-8	-0,21	7	0,10
								SCS	2,66
								rank	165.

Type data	SHA 10/2018	Herds	14 / 8	Daug.	24	78,0	Rel.	68 %	TYPE	-0,57
								rank	681.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,98									
Angularity	1,12									
Chest Width	-0,62									
Body Depth	-0,19									
Rump Angle	-0,86									
Rear Legs Side View	0,45									
Foot Angle	-1,37									
Fore Udder Attachment	-0,62									
Front Teat Placement	0,59									
Teat Length	-0,56									
Rear Udder Height	-0,58									
Rear Udder Width	0,21									
Central Ligament	0,38									
Udder Depth	-1,07									
Rump Width	-1,17									
Rear Legs Rear View	-0,24									
Rear Teat Placement	0,17									
Locomotion	-0,61									
Body Condition	-0,44									

daught. average

79,4	Frame	-1,20
79,5	Dairy Strength	0,71
76,9	Feet & Legs	-1,05
77,3	Udder	0,02
	SHI	-14,5
	rank	527.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
E-LONGVIEW CM-ET	US000062190170	14.09.2006	BRE-003
Country of origin	US	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	02.05.2007
		US	M07026492

Pedigree

Sire	PGS	RICECREST BRETT-ET
JEWEL-ACRES SHARKY-ET		US000002289548
US000131184495	PGD	JEWEL-ACRES PCE PATTI-ET
		US000120230464
Dam	MGS	COMESTAR OUTSIDE-ET
AUTUMN-RIDGE OTSD BAMBOO-ET		CA000006026421
US000134357010	MGD	MISS AUTUMN RUD BOOMER-ET
		US000124027262

Milk production data	SK 10/2018	Herds	18	Daug.	322	Rel.	96 %	SPI	2111
Number controls		BV		Milk		Fat		rank	112.
3848				481		23	0,06	SCS	2,76
						13	-0,05	rank	259.

Type data	SHA 10/2018	Herds	23 / 9	Daug.	160	80,3	Rel.	89 %	TYPE	-0,57
								rank	682.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,47									
Angularity	-0,13									
Chest Width	-0,66									
Body Depth	-0,53									
Rump Angle	1,31									
Rear Legs Side View	1,53									
Foot Angle	-0,23									
Fore Udder Attachment	1,58									
Front Teat Placement	1,59									
Teat Length	-1,01									
Rear Udder Height	-0,64									
Rear Udder Width	-1,43									
Central Ligament	0,18									
Udder Depth	1,52									
Rump Width	-0,40									
Rear Legs Rear View	0,27									
Rear Teat Placement	0,70									
Locomotion	-2,13									
Body Condition	-0,79									

daught. average

84,4	Frame	0,16
79,8	Dairy Strength	-0,81
80,2	Feet & Legs	-1,97
78,6	Udder	-0,15
	SHI	40,8
	rank	294.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
MAYVAL OZFEST-ET	US000134281913	01.04.2003	ELL-004
Country of origin	US	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	23.08.2004
		US	DC124038

Pedigree

Sire	PGS	ETAZON LORD LILY-ET	
VISION-GEN OZZIE-ET		NL000780180664	
US000122185573	PGD	MAR-RIVER BELLWOOD OLIVIA-ET	
		US000015809928	
Dam	MGS	STARTMORE RUDOLPH-ET	ARS-015
MAYVAL RUDOLPH HARIAH-ET		CA000005470579	
US000126458949	MGD	MAYVAL MTN KALEY	
		US000015476261	

Milk production data	SK 10/2018	Herds	36	Daug.	745	Rel.	99 %	SPI	1142
Number controls		BV		Milk		Fat	%	Prot.	%
15032				273	14	0,05	6	-0,05	SCS
									rank
									247.
									rank
									263.

Type data	SHA 10/2018	Herds	47 / 15	Daug.	341	79,4	Rel.	96 %	TYPE	-0,57
									rank	683.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-1,18									
Angularity	-1,81									
Chest Width	0,72									
Body Depth	0,33									
Rump Angle	-2,75									
Rear Legs Side View	1,70									
Foot Angle	0,13									
Fore Udder Attachment	0,06									
Front Teat Placement	0,12									
Teat Length	0,03									
Rear Udder Height	-0,62									
Rear Udder Width	-0,26									
Central Ligament	1,24									
Udder Depth	0,07									
Rump Width	-0,59									
Rear Legs Rear View	-0,53									
Rear Teat Placement	-0,27									
Locomotion	1,96									
Body Condition	0,47									

daught. average

82,2	Frame	-1,13
79,5	Dairy Strength	-1,43
80,6	Feet & Legs	0,63
77,5	Udder	0,22
	SHI	11,4
	rank	414.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
MEADOW BRIDGE ABBOT-ET	CA000006154018	17.08.1994	PEL-006
Country of origin	CA	Breed	H100
Distributor	Kanada	Herdbook	HA
		Paternity	

Pedigree

Sire	PGS	HANOVERHILL STARBUCK
RONNYBROOK PRELUDE-ET		CA000000352790
CA000000392457	PGD	KELLYS-VIEW GLENDELL KELCO
STB-016		US000009739109
Dam	MGS	GLENAFTON ENHANCER
MEADOW BRIDGE MARCY-ET		CA000000343514
CA000003955395	MGD	NORMAC ROYAL MISTRESS
		CA000002905964

Milk production data	SK 10/2018	Herds	190	Daug.	2645	Rel.	99 %	SPI	-915
Number controls		BV		Milk		Fat	%	Prot.	%
57569				-244		2	0,21	-1	-0,06
								SCS	3,57
								rank	1171.

Type data	SHA 10/2018	Herds	48 / 18	Daug.	333	77,1	Rel.	96 %	TYPE	-0,58
									rank	684.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-1,83									
Angularity	0,93									
Chest Width	-0,88									
Body Depth	-0,80									
Rump Angle	0,27									
Rear Legs Side View	0,20									
Foot Angle	-1,48									
Fore Udder Attachment	-1,04									
Front Teat Placement	-0,78									
Teat Length	-0,96									
Rear Udder Height	0,93									
Rear Udder Width	0,21									
Central Ligament	1,56									
Udder Depth	-0,25									
Rump Width	0,97									
Rear Legs Rear View	-0,70									
Rear Teat Placement	0,28									
Locomotion	0,16									
Body Condition	-0,11									

daught. average

77,3	Frame	-1,77
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77,1	Dairy Strength	0,70
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76,9	Feet & Legs	-1,38
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77,0	Udder	0,56
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	SHI	-50,7
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rank 669.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
ERBRECHT	DE000113695722	10.04.2002	ESK-002
Country of origin	DE	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	06.09.2002
		DEU	02/35134

Pedigree

Sire	PGS	ESQUIMAU
ENEMY		FR002989026154
DE000340365279	PGD	TREUE
		DE001020960332
Dam	MGS	LADIN
WALENA		DE000102650777
DE000110337210	MGD	SELENA
		DE000108058708

Milk production data	SK 10/2018	Herds	43	Daug.	114	Rel.	94 %	SPI	205
Number controls		BV		Milk		Fat	%	rank	423.
2589				131		-2	-0,15	1	-0,06
								SCS	3,18
								rank	791.

Type data	SHA 10/2018	Herds	9 / 6	Daug.	18	78,4	Rel.	60 %	TYPE	-0,58
								rank	685.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-1,17									
Angularity	-0,68									
Chest Width	-0,68									
Body Depth	-0,16									
Rump Angle	0,09									
Rear Legs Side View	-0,53									
Foot Angle	0,85									
Fore Udder Attachment	0,61									
Front Teat Placement	0,73									
Teat Length	-1,24									
Rear Udder Height	0,38									
Rear Udder Width	0,81									
Central Ligament	-1,25									
Udder Depth	0,05									
Rump Width	-0,53									
Rear Legs Rear View	-1,15									
Rear Teat Placement	-0,50									
Locomotion	0,18									
Body Condition	0,64									

daught. average

78,8	Frame	-1,21
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77,6	Dairy Strength	-1,18
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79,0	Feet & Legs	0,45
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78,3	Udder	0,05
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	SHI	-17,2
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rank 542.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
PAULHIAC	FR005800799824	26.12.1999	LU-016
Country of origin	FR	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	20.02.2002
		FRA	GS761845

Pedigree

Sire	PGS	NORRIELAKE CLEITUS LUKE-TWIN
RICECREST LANTZ-ET		US000002071864
US000002266008	PGD	RICECREST SOUTHWIND KAYE-ET
LU-011		US000014334791
Dam	MGS	GIBBON
NIBY		FR002991000305
FR005897003354	MGD	LIBY
		FR005895003792

Milk production data	SK 10/2018	Herds	45	Daug.	104	Rel.	94 %	SPI	317
Number controls		BV		Milk		Fat	%	rank	396.
2238				300	-12	-0,43	4	SCS	2,85
								rank	357.

Type data	SHA 10/2018	Herds	10 / 8	Daug.	19	76,9	Rel.	62 %	TYPE	-0,58
								rank	686.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,38									
Angularity	-1,02									
Chest Width	-0,72									
Body Depth	-0,50									
Rump Angle	-2,09									
Rear Legs Side View	0,93									
Foot Angle	-0,88									
Fore Udder Attachment	-0,68									
Front Teat Placement	-0,53									
Teat Length	-1,65									
Rear Udder Height	0,01									
Rear Udder Width	0,79									
Central Ligament	0,99									
Udder Depth	-0,42									
Rump Width	-1,93									
Rear Legs Rear View	0,72									
Rear Teat Placement	0,44									
Locomotion	-0,63									
Body Condition	0,11									

daught. average

79,2	Frame	-0,94
76,6	Dairy Strength	-1,26
76,5	Feet & Legs	-0,35
76,3	Udder	0,34
	SHI	-13,8
	rank	522.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
BEAU RED	NL000355747421	06.06.2003	JUL-004
Country of origin	NL	Breed	R100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	15.10.2003
		NL	104898

Pedigree

Sire	PGS	JUBEL
BEAUTIFUL		DE000505893133
NL000189887001	PGD	TARMA 4355
JUL-003		NL000784643558
Dam	MGS	SUBLIEM TULIP RED
HUIJBEN PIETJE 514		NL000815222426
NL000256660889	MGD	ALM PIETJE 513
		NL000139312058

Milk production data	SK 10/2018	Herds	6	Daug.	133	Rel.	94 %	SPI	470
Number controls		BV		Milk		Fat	%	Prot.	%
2598				-140	7	0,22	7	0,26	SCS
									rank
									...
									rank
									...

Type data	SHA 10/2018	Herds	8 / 2	Daug.	63	78,6	Rel.	81 %	TYPE	-0,58
									rank	687.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,37									
Angularity	0,53									
Chest Width	-0,79									
Body Depth	-1,03									
Rump Angle	0,42									
Rear Legs Side View	0,45									
Foot Angle	-0,81									
Fore Udder Attachment	-0,05									
Front Teat Placement	0,26									
Teat Length	-0,35									
Rear Udder Height	0,28									
Rear Udder Width	-0,26									
Central Ligament	0,40									
Udder Depth	0,09									
Rump Width	-1,25									
Rear Legs Rear View	-0,46									
Rear Teat Placement	-0,27									
Locomotion	-2,35									
Body Condition	-0,94									

daught. average

81,8	Frame	-0,68
80,3	Dairy Strength	-0,52
80,1	Feet & Legs	-1,69
75,4	Udder	0,42
	SHI	-9,2
	rank	502.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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Bull name	Registration number	Birth date	State Register
GALAXY EXACT	NL000351140998	27.08.2002	CLE-025
Country of origin	NL	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	09.01.2003
		NL	92962

Pedigree

Sire	PGS	EVREUX CLE-ET
NOORDER DUSTIN		FR003789007571
NL000170266664	PGD	MARGRIET 114
		NL000774031248
Dam	MGS	RICECREST EMERSON-ET
GALAXY RITA		US000002271271
NL000269319204	MGD	GALAXY MARGO
		NL000243018392

Milk production data	SK 10/2018	Herds	80	Daug.	1877	Rel.	99 %	SPI	578
Number controls		BV		Milk		Fat	%	rank	352.
36874				175		-4	-0,20	7	0,02
								SCS	2,84
								rank	349.

Type data	SHA 10/2018	Herds	23 / 12	Daug.	159	79,4	Rel.	91 %	TYPE	-0,59
								rank	688.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,03									
Angularity	0,11									
Chest Width	-0,95									
Body Depth	-1,61									
Rump Angle	-1,99									
Rear Legs Side View	0,19									
Foot Angle	-0,90									
Fore Udder Attachment	0,99									
Front Teat Placement	0,70									
Teat Length	0,85									
Rear Udder Height	-0,03									
Rear Udder Width	-0,79									
Central Ligament	0,24									
Udder Depth	1,62									
Rump Width	-1,11									
Rear Legs Rear View	0,77									
Rear Teat Placement	0,47									
Locomotion	1,10									
Body Condition	-1,14									

daught. average

82,8	Frame	-0,63
80,3	Dairy Strength	-1,19
81,0	Feet & Legs	-0,40
76,5	Udder	0,06
	SHI	-6,2
	rank	488.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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Bull name	Registration number	Birth date	State Register
CHERRY-GROVE SECRET,ET	US000002116771	05.10.1989	SEC-005
Country of origin	US	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	26.05.1990
		USA	IG134827B

Pedigree

Sire	PGS	LOCUST-GLEN IVANHOE ELEVATION
THONYMA SECRET		US000001644629
US000001856904	PGD	THONYMA CONDUCTOR SCARLET
		US000010006578
Dam	MGS	COR-VEL ENCHANTMENT
CHERRY-GROVE TIGER SALLY		US000001747862
US000012211982	MGD	CHERRY-GROVE PETES JOSEY
		US000011004990

Milk production data	SK 10/2018	Herds	18	Daug.	115	Rel.	94 %	SPI	-1806
Number controls		BV		Milk		Fat		rank	884.
2400				-301		-16	-0,10	SCS	2,58
						-15	-0,13	rank	115.

Type data	SHA 10/2018	Herds	15 / 8	Daug.	59	76,2	Rel.	81 %	TYPE	-0,59
								rank	689.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,04									
Angularity	-0,69									
Chest Width	-1,36									
Body Depth	-0,94									
Rump Angle	0,34									
Rear Legs Side View	1,58									
Foot Angle	1,02									
Fore Udder Attachment	0,22									
Front Teat Placement	0,46									
Teat Length	-0,97									
Rear Udder Height	0,40									
Rear Udder Width	-0,13									
Central Ligament	1,04									
Udder Depth	1,47									
Rump Width	-1,78									
Rear Legs Rear View	0,17									
Rear Teat Placement	0,53									
Locomotion	0,38									
Body Condition	1,39									

daught. average

78,2	Frame	-0,63
72,9	Dairy Strength	-1,44
78,7	Feet & Legs	0,67
75,6	Udder	-0,28
	SHI	-78,2
	rank	757.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
MEADOW BRIDGE MILLION-ET	CA000005410058	20.02.1991	ARS-008
Country of origin	CA	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	26.09.1991
		CAN	256733

Pedigree

Sire	PGS	HANOVERHILL STARBUCK
MADAWASKA AEROSTAR		CA000000352790
CA000000383622	PGD	MADAWASKA SHADY
STB-011		CA0000003511527
Dam	MGS	GLENAFTON ENHANCER
MEADOW BRIDGE MILDRED-ET		CA000000343514
CA0000003955275	MGD	NORMAC ROYAL MISTRESS
		CA0000002905964

Milk production data	SK 10/2018	Herds	89	Daug.	1107	Rel.	99 %	SPI	-35
Number controls		BV		Milk		Fat		rank	474.
21147				140		-3	-0,17	SCS	3,08
						-2	-0,14	rank	651.

Type data	SHA 10/2018	Herds	49 / 19	Daug.	216	76,9	Rel.	94 %	TYPE	-0,59
								rank	690.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-1,27									
Angularity	-0,59									
Chest Width	0,80									
Body Depth	0,49									
Rump Angle	-0,73									
Rear Legs Side View	2,23									
Foot Angle	-1,50									
Fore Udder Attachment	-1,78									
Front Teat Placement	-0,33									
Teat Length	0,56									
Rear Udder Height	-0,13									
Rear Udder Width	1,52									
Central Ligament	1,32									
Udder Depth	-1,86									
Rump Width	0,99									
Rear Legs Rear View	0,53									
Rear Teat Placement	-0,76									
Locomotion	0,09									
Body Condition	0,90									

daught. average

78,9	Frame	-0,74
75,0	Dairy Strength	-0,13
76,7	Feet & Legs	-1,52
77,0	Udder	0,24
	SHI	-24,8
	rank	568.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
CALLBOY	DE000576483118	26.03.1995	CAL-001
Country of origin	DE	Breed	R100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	26.05.1995
		DEU	95/7978

Pedigree

Sire	PGS	LEKKER VALIANT ROYALTY
STRICKLER ROYALTY CADILLAC-ET		US000001821208
US000002046246	PGD	STRICKLER BELL CAREY-ET
		US000010975888
Dam	MGS	WINE-RIDGE CONCORD-ET
LILAMON		US000002030202
DE000576197175	MGD	LASPALMAS
		DE000505878978

Milk production data	SK 10/2018	Herds	152	Daug.	1994	Rel.	99 %	SPI	-1469
Number controls		BV		Milk		Fat		rank	803.
37956				-322		-10	0,03	SCS	3,67
						-12	-0,04	rank	1219.

Type data	SHA 10/2018	Herds	22 / 13	Daug.	156	76,9	Rel.	92 %	TYPE	-0,60
								rank	691.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,45									
Angularity	1,13									
Chest Width	-0,96									
Body Depth	-0,98									
Rump Angle	0,20									
Rear Legs Side View	-1,37									
Foot Angle	-0,04									
Fore Udder Attachment	-0,75									
Front Teat Placement	-2,11									
Teat Length	1,77									
Rear Udder Height	-0,34									
Rear Udder Width	-0,54									
Central Ligament	-0,66									
Udder Depth	-0,56									
Rump Width	-1,77									
Rear Legs Rear View	0,88									
Rear Teat Placement	-0,76									
Locomotion	-0,67									
Body Condition	-0,60									

daught. average

78,9	Frame	-0,07
77,5	Dairy Strength	0,79
78,6	Feet & Legs	0,02
74,8	Udder	-1,55
	SHI	-68,2
	rank	724.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
ELMAR	NL000438426836	04.06.2006	SNR-008
Country of origin	NL	Breed	R100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	04.07.2006
		NL	144728

Pedigree

Sire	PGS	DELTA SPARTA
DELTA CANVAS		NL000137409985
NL000288458773	PGD	DELTA CANBERRA
		NL000141317243
Dam	MGS	GRANDUC TRIBUTE
MAGY 3		CA000006873798
NL000354124250	MGD	MAGY 1
		NL000192470016

Milk production data	SK 10/2018	Herds	48	Daug.	887	Rel.	99 %	SPI	1048
Number controls		BV		Milk		Fat	%	rank	262.
12624				287		-1	-0,22	10	0,03
								SCS	3,31
								rank	963.

Type data	SHA 10/2018	Herds	22 / 8	Daug.	88	79,9	Rel.	83 %	TYPE	-0,60
								rank	692.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,09									
Angularity	0,12									
Chest Width	-1,02									
Body Depth	-1,12									
Rump Angle	1,57									
Rear Legs Side View	-0,83									
Foot Angle	-0,49									
Fore Udder Attachment	0,98									
Front Teat Placement	0,92									
Teat Length	-0,69									
Rear Udder Height	0,21									
Rear Udder Width	0,11									
Central Ligament	-0,83									
Udder Depth	-0,11									
Rump Width	-0,08									
Rear Legs Rear View	-1,28									
Rear Teat Placement	0,93									
Locomotion	-0,60									
Body Condition	-0,09									

daught. average

83,4	Frame	-0,24
80,3	Dairy Strength	-1,32
80,4	Feet & Legs	-0,71
77,8	Udder	0,01
	SHI	7,6
	rank	438.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
FIRST-CHOICE	NL000492339372	18.05.2008	MED-043
Country of origin	NL	Breed	R100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	15.10.2009
		NL	196111

Pedigree

Sire	PGS	O-BEE MANFRED JUSTICE-ET
FICTION		US000122358313
NL000390479437	PGD	JAANTJE 14
		NL000227376731
Dam	MGS	LADINO PARK TALENT-IMP-ET
LOTJE 30		AU000000930377
NL000382036976	MGD	LOTJE 13
		NL000339835344

Milk production data	SK 10/2018	Herds	9	Daug.	210	Rel.	94 %	SPI	2957
Number controls		BV		Milk		Fat		rank	...
2065				342		39	0,44	SCS	2,81
								rank	...

Type data	SHA 10/2018	Herds	7 / 3	Daug.	61	80,6	Rel.	77 %	TYPE	-0,60
								rank	693.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,54									
Angularity	-1,68									
Chest Width	0,58									
Body Depth	-0,06									
Rump Angle	0,07									
Rear Legs Side View	-0,76									
Foot Angle	1,12									
Fore Udder Attachment	-0,36									
Front Teat Placement	-0,80									
Teat Length	0,24									
Rear Udder Height	-0,47									
Rear Udder Width	0,70									
Central Ligament	0,42									
Udder Depth	-0,75									
Rump Width	0,67									
Rear Legs Rear View	0,15									
Rear Teat Placement	-1,18									
Locomotion	-1,53									
Body Condition	0,86									

daught. average

85,7	Frame	0,67
81,1	Dairy Strength	-1,35
80,5	Feet & Legs	-0,23
77,9	Udder	-0,59
	SHI	65,2
	rank	211.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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Bull name	Registration number	Birth date	State Register
BORNEO	DE000041421180	28.04.1997	RUH-001
Country of origin	DE	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	12.06.1997
		DEU	97/8235

Pedigree

Sire	PGS	MADAWASKA AEROSTAR	
STARTMORE RUDOLPH-ET		CA000000383622	STB-011
CA000005470579	PGD	STARTMORE RACHELLE-ET	
ARS-015		CA000004324253	
Dam	MGS	SOUTHWIND BELL OF BAR-LEE	
ATHENA		US000001964484	BEL-001
DE001015204301	MGD	ATLANTA	
		DE001015068256	

Milk production data	SK 10/2018	Herds	44	Daug.	97	Rel.	93 %	SPI	1656
Number controls		BV		Milk		Fat	%	Prot.	%
1936				172	28	0,37	10	0,10	SCS
									rank
									155.
									rank
									1134.

Type data	SHA 10/2018	Herds	12 / 11	Daug.	17	76,4	Rel.	61 %	TYPE	-0,60
									rank	694.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,61									
Angularity	0,43									
Chest Width	-0,39									
Body Depth	-0,82									
Rump Angle	-0,78									
Rear Legs Side View	-0,51									
Foot Angle	-1,64									
Fore Udder Attachment	0,10									
Front Teat Placement	-1,01									
Teat Length	-0,95									
Rear Udder Height	0,09									
Rear Udder Width	-0,61									
Central Ligament	0,20									
Udder Depth	1,26									
Rump Width	0,96									
Rear Legs Rear View	-0,93									
Rear Teat Placement	-0,14									
Locomotion	-0,12									
Body Condition	-1,39									

daught. average

79,1	Frame	0,47
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75,5	Dairy Strength	0,28
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75,6	Feet & Legs	-1,09
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75,9	Udder	-0,91
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	SHI	25,8
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rank 343.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
	FR006288018166	04.10.1988	COR-001
Country of origin	FR	Breed	R100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	25.07.1990
		NLD	019004618010

Pedigree

Sire	PGS	WAPA ARLINDA CONDUCTOR
COTOPIERRE PATRON		US000001583197
CA000000365086	PGD	MYRTLEVILLE PATRICIA
		CA000002767454
Dam	MGS	GLENAFTON ENHANCER
SHADY-LAWN-U LICORICE RED		CA000000343514
US000011882992	MGD	SHADY-LAWN-U CT LUCKY LADY
		US000010613001

Milk production data	SK 10/2018	Herds	156	Daug.	1181	Rel.	99 %	SPI	-3682
Number controls		BV		Milk		Fat	%	rank	1267.
24004				-770		-36	-0,15	SCS	2,64
						-25	-0,05	rank	157.

Type data	SHA 10/2018	Herds	14 / 7	Daug.	34	75,8	Rel.	74 %	TYPE	-0,61
								rank	695.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,28									
Angularity	-0,78									
Chest Width	2,22									
Body Depth	1,59									
Rump Angle	-1,79									
Rear Legs Side View	1,06									
Foot Angle	-0,86									
Fore Udder Attachment	-0,16									
Front Teat Placement	-1,09									
Teat Length	-0,55									
Rear Udder Height	-0,61									
Rear Udder Width	-1,34									
Central Ligament	0,21									
Udder Depth	0,73									
Rump Width	-0,05									
Rear Legs Rear View	-0,04									
Rear Teat Placement	-0,56									
Locomotion	-0,20									
Body Condition	2,11									

daught. average

78,6 **Frame** **0,30**

74,6 **Dairy Strength** **0,32**

77,1 **Feet & Legs** **-0,36**

74,1 **Udder** **-1,43**

SHI **-135,2**

rank 838.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
PATTY	DE000341508110	02.03.1997	PAT-001
Country of origin	DE	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	06.05.1997
		DEU	97/6808

Pedigree

Sire	PGS	TO-MAR BLACKSTAR-ET	
BRABANT STAR PATRON-ET		US000001929410	CHR-002
US000002160458	PGD	BRABANT NED BOY PAULA	
BS-034		US000012986269	
Dam	MGS	ROTHROCK TRADITION LEADMAN	
CRESCENTMEAD-A WEST MINDY-ET		US000001983348	TDN-004
US000014816195	MGD	MINDY	
		US000012787158	

Milk production data	SK 10/2018	Herds	88	Daug.	1433	Rel.	99 %	SPI	-1541
Number controls		BV		Milk		Fat		rank	822.
24774				-355		-10	0,06	SCS	3,50
						-12	-0,03	rank	1141.

Type data	SHA 10/2018	Herds	33 / 11	Daug.	227	78,1	Rel.	94 %	TYPE	-0,61
								rank	696.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,34									
Angularity	-0,79									
Chest Width	0,38									
Body Depth	0,71									
Rump Angle	-0,07									
Rear Legs Side View	0,01									
Foot Angle	0,39									
Fore Udder Attachment	-1,10									
Front Teat Placement	0,65									
Teat Length	-0,06									
Rear Udder Height	-0,96									
Rear Udder Width	0,45									
Central Ligament	0,15									
Udder Depth	-1,37									
Rump Width	0,13									
Rear Legs Rear View	-0,37									
Rear Teat Placement	0,96									
Locomotion	-3,04									
Body Condition	0,06									

daught. average

81,3 **Frame** **-0,09**

78,5 **Dairy Strength** **-0,65**

77,9 **Feet & Legs** **-1,19**

76,4 **Udder** **-0,37**

SHI **-70,7**

rank 736.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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Bull name	Registration number	Birth date	State Register
SANDY-VALLEY SPICEMASTER-ET	US000128385579	22.08.1999	MED-005

Country of origin	US	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	15.11.2004
		USA	IMMGN20418A

Pedigree

Sire	PGS	OSDEL-ENDEAVOR BOVA CUBBY
HA-HO CUBBY MANFRED-ET	US000001986164	BA-002
US000002183007	PGD	HA-HO TESK MELANIE
	US000013066986	
Dam	MGS	MAIZEFIELD BELLWOOD-ET
SANDY VALLEY B-W FAYANNE-ET	US000002103297	MEW-004
US000015907460	MGD	SANDY VALLEY BELLT FANNY-ET
	US000015363743	

Milk production data	SK 10/2018	Herds	91	Daug.	1143	Rel.	99 %	SPI	1028
Number controls		BV		Milk		Fat		rank	269.
23235				214		6	-0,06	9	0,04
								SCS	3,34
								rank	1001.

Type data	SHA 10/2018	Herds	61 / 28	Daug.	370	78,5	Rel.	96 %	TYPE	-0,61
								rank	697.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,14									
Angularity	-0,33									
Chest Width	-1,19									
Body Depth	-0,08									
Rump Angle	-0,66									
Rear Legs Side View	1,30									
Foot Angle	0,11									
Fore Udder Attachment	0,80									
Front Teat Placement	1,31									
Teat Length	0,74									
Rear Udder Height	0,26									
Rear Udder Width	-0,31									
Central Ligament	-0,31									
Udder Depth	0,94									
Rump Width	-1,06									
Rear Legs Rear View	-0,76									
Rear Teat Placement	0,10									
Locomotion	-2,48									
Body Condition	-0,41									

daught. average

81,5	Frame	-0,27
78,5	Dairy Strength	-0,92
77,7	Feet & Legs	-1,72
77,3	Udder	0,20
	SHI	6,6
	rank	441.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
ZUDUX	DE000113905984	27.07.2003	ZAK-002
Country of origin	DE	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	24.10.2003
		DEU	03/43114

Pedigree

Sire	PGS	CHANCE SOUTHWIND LB ZACK-ET
ZAPPA		US000002156938
DE001300167987	PGD	BELLA
		DE001021038732
Dam	MGS	LADIN
WALENA		DE000102650777
DE000110337210	MGD	SELENA
		DE000108058708

Milk production data	SK 10/2018	Herds	36	Daug.	95	Rel.	92 %	SPI	-1511
Number controls		BV		Milk		Fat		rank	817.
1984				-251		-18	-0,17	SCS	2,96
						-11	-0,07	rank	497.

Type data	SHA 10/2018	Herds	9 / 7	Daug.	21	77,4	Rel.	60 %	TYPE	-0,61
								rank	698.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,37									
Angularity	-0,65									
Chest Width	-1,05									
Body Depth	-1,20									
Rump Angle	-0,18									
Rear Legs Side View	1,08									
Foot Angle	-0,74									
Fore Udder Attachment	0,85									
Front Teat Placement	0,08									
Teat Length	-0,11									
Rear Udder Height	0,14									
Rear Udder Width	-0,75									
Central Ligament	-0,10									
Udder Depth	0,60									
Rump Width	-0,80									
Rear Legs Rear View	-1,21									
Rear Teat Placement	0,70									
Locomotion	-1,03									
Body Condition	-0,05									

daught. average

80,8	Frame	-0,03
76,9	Dairy Strength	-1,06
76,2	Feet & Legs	-0,89
76,6	Udder	0,03
	SHI	-70,1
	rank	733.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
HONEYCREST JOLT LITENING-ET	US000018037275	14.09.1997	BEL-022
Country of origin	US	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	27.08.2002
		USA	IG240256D

Pedigree

Sire	PGS	SOUTHWIND BELL OF BAR-LEE
SECOND-LOOK JOLT	US000001964484	BEL-001
US000002149849	PGD	JO-HAR MARK JOYFUL
	US000013576914	
Dam	MGS	MADAWASKA AEROSTAR
HONEYCREST AEROSTAR MARY-ET	CA000000383622	STB-011
US000014826990	MGD	HONEYCREST BLKSTAR KATHRYN
	US000014066463	

Milk production data	SK 10/2018	Herds	141	Daug.	2856	Rel.	99 %	SPI	-959
Number controls		BV		Milk		Fat		rank	683.
53620				-77		-11	-0,17	SCS	3,73
						-8	-0,14	rank	1236.

Type data	SHA 10/2018	Herds	102 / 32	Daug.	939	78,4	Rel.	98 %	TYPE	-0,62
								rank	699.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,04									
Angularity	0,38									
Chest Width	-0,23									
Body Depth	-0,16									
Rump Angle	2,89									
Rear Legs Side View	0,64									
Foot Angle	-1,28									
Fore Udder Attachment	-0,75									
Front Teat Placement	-0,07									
Teat Length	1,75									
Rear Udder Height	1,00									
Rear Udder Width	0,72									
Central Ligament	-0,57									
Udder Depth	-1,39									
Rump Width	-1,33									
Rear Legs Rear View	-1,02									
Rear Teat Placement	-0,93									
Locomotion	-2,03									
Body Condition	-0,37									

daught. average

81,0	Frame	-0,24
79,1	Dairy Strength	0,39
77,6	Feet & Legs	-2,11
77,2	Udder	-0,32
	SHI	-53,6
	rank	676.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
FRAELAND SIERRA	CA00000402825	25.10.1989	IS-008
Country of origin	CA	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	

Pedigree

Sire	PGS	S-W-D VALIANT
HANOVER-HILL INSPIRATION		US000001650414
CA000000363162	PGD	TORA TRIPLE THREAT LULU
IS-003		CA000003537133
Dam	MGS	BRIDON ASTRO JET-ET
SHORE ASTRO J SALENA		CA000000349040
CA000004034033	MGD	RO-DENE PETE SALENA
		CA000003673791

Milk production data	SK 10/2018	Herds	23	Daug.	180	Rel.	96 %	SPI	-3328
Number controls		BV		Milk		Fat		rank	1208.
3145				-804		-25	0,11	SCS	3,31
						-24	0,02	rank	956.

Type data	SHA 10/2018	Herds	5 / 4	Daug.	24	76,4	Rel.	65 %	TYPE	-0,62
								rank	700.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,20									
Angularity	-1,15									
Chest Width	-1,09									
Body Depth	0,61									
Rump Angle	0,57									
Rear Legs Side View	0,71									
Foot Angle	-0,54									
Fore Udder Attachment	1,09									
Front Teat Placement	-1,19									
Teat Length	-0,68									
Rear Udder Height	-0,24									
Rear Udder Width	-1,54									
Central Ligament	0,34									
Udder Depth	1,08									
Rump Width	0,00									
Rear Legs Rear View	0,29									
Rear Teat Placement	-1,41									
Locomotion	-0,14									
Body Condition	0,52									

daught. average

81,4	Frame	-0,12
73,8	Dairy Strength	-1,34
75,1	Feet & Legs	-0,50
75,7	Udder	-0,20
	SHI	-125,1
	rank	824.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
ELUSIVE-ET	SK000047055853	11.12.1994	EVE-003
Country of origin	SK	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	27.11.1995
		SVK	0202/05

Pedigree

Sire	PGS	ARLINDA ROTATE
ELUSIVE ROTATE DUKE-ET		US000001697572
US000002027752	PGD	BONWOOD VALIANT DREAM
GEN-009		US000011082940
Dam	MGS	MARSHFIELD ELEVATION TONY
MANSSION-VALLEY TONY BERTIE-ET		US000001626813
US000012156936	MGD	WILLARDS MATT BERTHA
		US000009998778

Milk production data	SK 10/2018	Herds	74	Daug.	307	Rel.	98 %	SPI	-878
Number controls		BV		Milk		Fat	%	Prot.	%
6533				-135		-4	0,02	-9	-0,12
								SCS	2,99
								rank	657.
								rank	554.

Type data	SHA 10/2018	Herds	29 / 16	Daug.	54	77,4	Rel.	80 %	TYPE	-0,63
									rank	701.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,59									
Angularity	-0,60									
Chest Width	-0,05									
Body Depth	0,36									
Rump Angle	1,56									
Rear Legs Side View	-0,07									
Foot Angle	0,69									
Fore Udder Attachment	-1,79									
Front Teat Placement	-1,29									
Teat Length	-0,72									
Rear Udder Height	-0,13									
Rear Udder Width	-0,92									
Central Ligament	-1,52									
Udder Depth	-0,30									
Rump Width	1,05									
Rear Legs Rear View	0,86									
Rear Teat Placement	-0,88									
Locomotion	1,02									
Body Condition	-0,05									

daught. average

80,5	Frame	0,68
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75,2	Dairy Strength	-0,54
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79,3	Feet & Legs	0,61
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75,9	Udder	-1,70
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	SHI	-51,6
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rank 671.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
CEBIT-ET TL	DE000767817939	11.11.2000	CAL-006
Country of origin	DE	Breed	R100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	14.02.2001
		DEU	1/2943

Pedigree

Sire	PGS	STRICKLER ROYALTY CADILLAC-ET
CARED		US000002046246
DE000730209621	PGD	RED-SUN 683
		DE000724049317
Dam	MGS	BROOKNOOK MILESTONE-ET RED
DONNAKLARA 68		CA000000400985
DE000760224782	MGD	DONNAKLARA
		DE001015211032

Milk production data	SK 10/2018	Herds	72	Daug.	847	Rel.	99 %	SPI	678
Number controls		BV		Milk		Fat	%	Prot.	%
17190				-97	15	0,35	6	0,20	SCS
									rank
									333.
									2,87
									rank
									379.

Type data	SHA 10/2018	Herds	13 / 3	Daug.	142	78,9	Rel.	91 %	TYPE	-0,63
									rank	702.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,96									
Angularity	0,09									
Chest Width	-0,36									
Body Depth	-0,28									
Rump Angle	1,54									
Rear Legs Side View	0,94									
Foot Angle	-0,22									
Fore Udder Attachment	-0,82									
Front Teat Placement	-0,15									
Teat Length	-0,15									
Rear Udder Height	0,09									
Rear Udder Width	0,70									
Central Ligament	-0,82									
Udder Depth	-1,31									
Rump Width	0,51									
Rear Legs Rear View	-0,98									
Rear Teat Placement	-0,45									
Locomotion	-1,27									
Body Condition	-1,57									

daught. average

84,4	Frame	0,97
79,9	Dairy Strength	-0,16
80,7	Feet & Legs	-1,17
74,6	Udder	-1,47
	SHI	-4,7
	rank	482.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
LEDEL	HU003969362504	12.04.1983	LEL-001
Country of origin	HU	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	

Pedigree

Sire	PGS	HARRISBURG GAY IDEAL US000001512026
LE-DEL IDEAL,SUPERIOR US000001647190	PGD	LEDEL FURY DESIGN,STARDUST US000006988043
Dam	MGS	CUMVA PROUD PERFORM. US000001590689
3969.PIROSKA HU0036178FR504	MGD	3617.PIROSKA HU0014648FR504

Milk production data	SK 10/2018	Herds	90	Daug.	728	Rel.	99 %	SPI	-2052
Number controls		BV		Milk		Fat		rank	932.
12480				-508		-16	0,05	SCS	3,17
						-14	0,04	rank	781.

Type data	SHA 10/2018	Herds	19 / 13	Daug.	227	75,6	Rel.	93 %	TYPE	-0,64
								rank	703.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,73									
Angularity	-0,68									
Chest Width	0,40									
Body Depth	-0,06									
Rump Angle	-0,83									
Rear Legs Side View	-0,11									
Foot Angle	-0,64									
Fore Udder Attachment	-0,16									
Front Teat Placement	-0,67									
Teat Length	0,41									
Rear Udder Height	-0,72									
Rear Udder Width	-0,82									
Central Ligament	-0,47									
Udder Depth	-0,89									
Rump Width	-0,81									
Rear Legs Rear View	-0,17									
Rear Teat Placement	-2,76									
Locomotion	0,14									
Body Condition	1,58									

daught. average

73,0	Frame	-0,60
73,8	Dairy Strength	-0,21
76,7	Feet & Legs	-0,61
77,2	Udder	-0,37
	SHI	-87,6
	rank	776.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

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Nádražná 36, 900 28 Ivanka pri Dunaji
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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
MAYDAY-ET	DE000113269561	16.06.2001	MNL-013
Country of origin	DE	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	05.09.2001
		DEU	01/10118

Pedigree

Sire	PGS	LUTZ-MEADOWS E MANDEL-ET
RICECREST MARSHALL-ET		US000002119526
US000002297473	PGD	RICECREST SOUTHWIND KAYE-ET
MNL-007		US000014334791
Dam	MGS	ESQUIMAU
WENCKE		FR002989026154
DE000110065251	MGD	RODESIO
		DE000107740925

Milk production data	SK 10/2018	Herds	16	Daug.	31	Rel.	83 %	SPI	2186
Number controls		BV		Milk	Fat	%	Prot.	%	rank
673				239	34	0,43	14	0,14	SCS
									rank
									634.

Type data	SHA 10/2018	Herds	10 / 9	Daug.	14	78,0	Rel.	56 %	TYPE	-0,64
									rank	704.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-1,32									
Angularity	-0,08									
Chest Width	-1,08									
Body Depth	-1,09									
Rump Angle	-2,16									
Rear Legs Side View	-1,39									
Foot Angle	-1,45									
Fore Udder Attachment	1,60									
Front Teat Placement	0,87									
Teat Length	-1,56									
Rear Udder Height	0,20									
Rear Udder Width	-0,64									
Central Ligament	0,64									
Udder Depth	0,13									
Rump Width	0,42									
Rear Legs Rear View	-0,38									
Rear Teat Placement	1,71									
Locomotion	0,63									
Body Condition	-0,03									

daught. average

79,3	Frame	-1,63
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78,1	Dairy Strength	-0,99
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76,6	Feet & Legs	-0,26
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77,9	Udder	0,59
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	SHI	40,2
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rank 298.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
TEASER-ET	FR002929952275	04.12.2002	MGN-001
Country of origin	FR	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	21.03.2003
		FRA	160383

Pedigree

Sire	PGS	ELLBANK AIRLINER-ET	
SIKKEMA-STAR AIR MAGNA-ET		US000002122404	
US000017044645	PGD	BELLA-J THOR MAGGIE-ET	
		US000014973956	
Dam	MGS	RICECREST LANTZ-ET	
RAKEL		US000002266008	LU-011
FR002929952117	MGD	NAOMIE	
		FR002997001645	

Milk production data	SK 10/2018	Herds	41	Daug.	98	Rel.	92 %	SPI	-2287
Number controls		BV		Milk		Fat		rank	987.
1612				-539		-11	0,19	SCS	2,94
						-19	-0,07	rank	479.

Type data	SHA 10/2018	Herds	11 / 11	Daug.	15	76,7	Rel.	55 %	TYPE	-0,65
								rank	705.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,80									
Angularity	-0,86									
Chest Width	-0,14									
Body Depth	-0,86									
Rump Angle	-0,54									
Rear Legs Side View	1,89									
Foot Angle	-0,02									
Fore Udder Attachment	-0,98									
Front Teat Placement	-1,41									
Teat Length	-0,88									
Rear Udder Height	-0,87									
Rear Udder Width	0,89									
Central Ligament	-0,10									
Udder Depth	-0,62									
Rump Width	-0,48									
Rear Legs Rear View	1,19									
Rear Teat Placement	-0,81									
Locomotion	-0,43									
Body Condition	0,03									

daught. average

81,1	Frame	0,67
76,3	Dairy Strength	-1,43
77,2	Feet & Legs	-0,06
74,7	Udder	-0,88
	SHI	-94,9
	rank	789.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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 e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
ORPHIN	FR007698010362	03.04.1998	GIN-002

Country of origin	FR	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	05.06.2003
		FRA	F/S

Pedigree

Sire	PGS	SOUTHWIND BELL OF BAR-LEE
GIBBON		US000001964484
FR002991000305		BEL-001
BEL-019	PGD	COLOMBE
		FR002987038678
Dam	MGS	TESK-HOLM VALIANT ROCKIE
JELTJE 39		US000001841366
FR007693003525		VAL-016
	MGD	JELTJE 33
		FR006288001588

Milk production data	SK 10/2018	Herds	54	Daug.	761	Rel.	99 %	SPI	2294
Number controls		BV		Milk		Fat		rank	93.
15364				329		18	0,09	SCS	2,36
						21	0,21	rank	38.

Type data	SHA 10/2018	Herds	32 / 15	Daug.	252	78,2	Rel.	94 %	TYPE	-0,65
								rank	706.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,83									
Angularity	-1,37									
Chest Width	1,68									
Body Depth	2,09									
Rump Angle	-1,55									
Rear Legs Side View	0,45									
Foot Angle	0,14									
Fore Udder Attachment	-0,75									
Front Teat Placement	-1,76									
Teat Length	-2,22									
Rear Udder Height	-1,78									
Rear Udder Width	-0,84									
Central Ligament	-2,13									
Udder Depth	-0,86									
Rump Width	0,37									
Rear Legs Rear View	-0,84									
Rear Teat Placement	-3,04									
Locomotion	-1,06									
Body Condition	1,00									

daught. average

82,4	Frame	1,31
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78,5	Dairy Strength	-0,08
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78,6	Feet & Legs	-0,75
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75,6	Udder	-2,18
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	SHI	43,1
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rank 286.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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Bull name	Registration number	Birth date	State Register
JUPLIER	LU001089710678	17.12.1990	JUB-018
Country of origin	LU	Breed	R100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	20.06.1991
		DEU	91/9096

Pedigree

Sire	PGS	HANOVER-HILL TRIPLE THREAT-RED
MEADOLAKE JUBILANT-ET		US000001629391
CA000000376455	PGD	CASS RIDGE R MAPLE JAZZ
		CA000003003616
Dam	MGS	S-W-D VALIANT
KANNE 231		US000001650414
DE001089130949	MGD	KAETE
		DE001004453425

Milk production data	SK 10/2018	Herds	158	Daug.	1843	Rel.	99 %	SPI	-1554
Number controls		BV		Milk		Fat		rank	827.
37854				-380		-5	0,18	SCS	2,82
								rank	327.

Type data	SHA 10/2018	Herds	24 / 13	Daug.	89	75,6	Rel.	87 %	TYPE	-0,65
								rank	707.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,29									
Angularity	-0,97									
Chest Width	0,32									
Body Depth	0,89									
Rump Angle	0,18									
Rear Legs Side View	0,18									
Foot Angle	-0,38									
Fore Udder Attachment	-0,43									
Front Teat Placement	1,30									
Teat Length	-1,06									
Rear Udder Height	-0,97									
Rear Udder Width	0,43									
Central Ligament	-1,14									
Udder Depth	-1,64									
Rump Width	-0,41									
Rear Legs Rear View	-0,12									
Rear Teat Placement	-0,83									
Locomotion	-1,29									
Body Condition	-0,07									

daught. average

77,9	Frame	0,04
73,7	Dairy Strength	-0,61
77,1	Feet & Legs	-0,46
74,8	Udder	-0,62
	SHI	-73,0
	rank	743.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
LA-POE K HARDTAC-ET	US000002073505	17.02.1988	KLK-002

Country of origin	US	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	08.11.1988
		USA	IG116908C

Pedigree

Sire	PGS	CEDAR-GROVE GOLDEN NUGGET
RUANN GOLDEN NUGGET KLARK		US000001617266
US000001829881	PGD	RUANN CHIEF KLARA
		US000008259713
Dam	MGS	CAL-CLARK BOARD CHAIRMAN
LA-POE B C HONESTY		US000001723741
US0000011895858	MGD	LA-POE MARS HONNOR
		US0000010318362

Milk production data	SK 10/2018	Herds	43	Daug.	264	Rel.	98 %	SPI	-1901
Number controls		BV		Milk		Fat		rank	906.
4900				-553		-10	0,21	SCS	3,29
						-13	0,09	rank	932.

Type data	SHA 10/2018	Herds	10 / 10	Daug.	11	78,1	Rel.	74 %	TYPE	-0,66
								rank	708.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-1,10									
Angularity	-0,31									
Chest Width	0,35									
Body Depth	-0,19									
Rump Angle	0,64									
Rear Legs Side View	-1,09									
Foot Angle	0,19									
Fore Udder Attachment	-0,98									
Front Teat Placement	-0,19									
Teat Length	0,02									
Rear Udder Height	0,33									
Rear Udder Width	-0,55									
Central Ligament	0,59									
Udder Depth	-1,16									
Rump Width	0,24									
Rear Legs Rear View	-1,45									
Rear Teat Placement	-1,13									
Locomotion	-1,04									
Body Condition	0,97									

daught. average

80,8	Frame	-0,67
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75,2	Dairy Strength	-0,16
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78,1	Feet & Legs	-0,62
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78,5	Udder	0,00
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	SHI	-83,7
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rank 770.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
PEARTOME SKYDOME-ET	CA000005353447	21.01.1991	ARS-006
Country of origin	CA	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	16.07.1991
		CAN	251853

Pedigree

Sire	PGS	HANOVERHILL STARBUCK
MADAWASKA AEROSTAR		CA000000352790
CA000000383622	PGD	MADAWASKA SHADY
STB-011		CA0000003511527
Dam	MGS	WALKWAY CHIEF MARK
PEARTOME CM JOCELYN-ET		US000001773417
CA0000004428991	MGD	PEARTOME THUNDER JOY
		CA0000003335869

Milk production data	SK 10/2018	Herds	56	Daug.	952	Rel.	99 %	SPI	-1246
Number controls		BV		Milk		Fat	%	Prot.	%
17569				-211		-4	0,06	-13	-0,15
								SCS	3,23
								rank	742.
								rank	849.

Type data	SHA 10/2018	Herds	16 / 7	Daug.	78	76,5	Rel.	87 %	TYPE	-0,66
									rank	709.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,78									
Angularity	0,79									
Chest Width	0,22									
Body Depth	-0,82									
Rump Angle	-0,81									
Rear Legs Side View	0,03									
Foot Angle	-0,61									
Fore Udder Attachment	-0,92									
Front Teat Placement	-0,53									
Teat Length	1,83									
Rear Udder Height	0,19									
Rear Udder Width	-1,29									
Central Ligament	0,09									
Udder Depth	0,75									
Rump Width	0,80									
Rear Legs Rear View	-0,34									
Rear Teat Placement	1,63									
Locomotion	0,08									
Body Condition	-1,00									

daught. average

79,2	Frame	-0,70
74,4	Dairy Strength	1,01
77,1	Feet & Legs	-0,77
76,0	Udder	-0,65
	SHI	-64,0
	rank	707.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
DAIMLER-ET	DE000341985440	22.04.1997	DEN-001

Country of origin	DE	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	27.06.1997
		DEU	97/9017

Pedigree

Sire	PGS	MADAWASKA AEROSTAR	
DIXELLEN DESIGN		CA000000383622	STB-011
CA000005335690	PGD	HANOVERHILL DESIGNER MISS	
ARS-014		CA000004183688	
Dam	MGS	HILLSTAR-ET	
TAEUBCHEN		CA000000385498	STB-006
DE001021054608	MGD	TAUBE	
		DE001020669342	

Milk production data	SK 10/2018	Herds	75	Daug.	535	Rel.	99 %	SPI	-1268
Number controls		BV		Milk		Fat	%	Prot.	%
10871				-277		-8	0,03	-10	-0,04
								SCS	2,96
								rank	750.
								rank	498.

Type data	SHA 10/2018	Herds	9 / 6	Daug.	34	77,2	Rel.	71 %	TYPE	-0,67
									rank	710.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,23									
Angularity	-1,39									
Chest Width	0,23									
Body Depth	0,96									
Rump Angle	-0,69									
Rear Legs Side View	-2,14									
Foot Angle	0,51									
Fore Udder Attachment	-1,74									
Front Teat Placement	-2,28									
Teat Length	-0,90									
Rear Udder Height	-0,69									
Rear Udder Width	0,11									
Central Ligament	0,27									
Udder Depth	-0,94									
Rump Width	0,78									
Rear Legs Rear View	1,07									
Rear Teat Placement	-1,32									
Locomotion	0,04									
Body Condition	1,42									

daught. average

81,2	Frame	0,02
76,0	Dairy Strength	-1,14
78,4	Feet & Legs	0,87
75,3	Udder	-1,15
	SHI	-65,0
	rank	712.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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Bull name	Registration number	Birth date	State Register
ZAVAR HARVAL-ET	SK000064929862	22.12.1994	HAC-006
Country of origin	SK	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	24.06.1996
		SVK	0215/12

Pedigree

Sire	PGS	RUANN GOLDEN NUGGET KLARK
LA-POE K HARDTAC-ET		US000001829881
US000002073505	PGD	LA-POE B C HONESTY
KLK-002		US000011895858
Dam	MGS	ARLINDA ROTATE
MEMORIAL-ACRES ROTATE TIN-ET		US000001697572
US000012839998	MGD	ROCKY-TERRACE VLNT ROZIE
		US000011372002

Milk production data	SK 10/2018	Herds	37	Daug.	176	Rel.	96 %	SPI	-746
Number controls		BV		Milk		Fat	%	Prot.	%
3472				-163	1	0,13	-9	-0,08	SCS
									rank
									625.
									rank
									929.

Type data	SHA 10/2018	Herds	6 / 6	Daug.	29	75,4	Rel.	68 %	TYPE	-0,68
									rank	711.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,08									
Angularity	0,96									
Chest Width	-0,80									
Body Depth	-1,16									
Rump Angle	0,55									
Rear Legs Side View	1,77									
Foot Angle	-1,43									
Fore Udder Attachment	-0,20									
Front Teat Placement	-0,05									
Teat Length	1,49									
Rear Udder Height	-0,12									
Rear Udder Width	-1,08									
Central Ligament	0,94									
Udder Depth	0,26									
Rump Width	-0,44									
Rear Legs Rear View	-1,82									
Rear Teat Placement	-0,94									
Locomotion	-0,66									
Body Condition	-0,19									

daught. average

81,7	Frame	-0,15
74,4	Dairy Strength	0,41
71,0	Feet & Legs	-1,75
75,1	Udder	-0,02
	SHI	-49,5
	rank	661.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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Bull name	Registration number	Birth date	State Register
GEM	CZ000131706667	03.09.2002	RCS-001

Country of origin	CZ	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	31.07.2003
		CSK	0301119

Pedigree

Sire	PGS	PEN-COL DUSTER-ET	
RICECREST LABRYINTH-ET		US000002147486	
US000017273387	PGD	RICECREST LUKE LAUREN-ET	
		US000015626481	
Dam	MGS	GIBBON	
GOLDEN OAKS GIBBON LAURA-ET		FR002991000305	BEL-019
US000121120274	MGD	SOLID GOLD MOUNTAIN LA LA	
		US000015333725	

Milk production data	SK 10/2018	Herds	46	Daug.	177	Rel.	96 %	SPI	-212
Number controls		BV		Milk		Fat	%	Prot.	%
3896				-121		2	0,12	-2	0,04
								SCS	2,46
								rank	501.
								rank	66.

Type data	SHA 10/2018	Herds	20 / 14	Daug.	51	77,9	Rel.	77 %	TYPE	-0,68
								rank	712.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,27									
Angularity	-1,13									
Chest Width	1,12									
Body Depth	-0,60									
Rump Angle	-0,05									
Rear Legs Side View	-0,57									
Foot Angle	-0,00									
Fore Udder Attachment	0,82									
Front Teat Placement	1,47									
Teat Length	-2,25									
Rear Udder Height	-0,96									
Rear Udder Width	-1,60									
Central Ligament	-0,62									
Udder Depth	1,35									
Rump Width	1,32									
Rear Legs Rear View	0,87									
Rear Teat Placement	0,69									
Locomotion	0,14									
Body Condition	0,80									

daught. average	81,9	Frame	-0,09
	77,7	Dairy Strength	-1,42
	78,2	Feet & Legs	0,33
	75,8	Udder	-0,81
		SHI	-33,6
		rank	599.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
ROBTHOM SILVER,VALANCE	US000001993865	07.07.1985	VAO-002

Country of origin	US	Breed	H100
Distributor		Herdbook	HA
		Paternity	24.04.1986
		USA	IG 82214A

Pedigree

Sire	PGS	S-W-D VALIANT
SIR C VALOR		US000001650414
US000001811754	PGD	SKYLINE ELEVATION CYNTHIA
		US000008425907
Dam	MGS	CARLIN-M IVANHOE BELL
ROBTHOM SILVER BELL		US000001667366
US0000011435491	MGD	ROBTHOM AMBER ELEVATION
		US0000010165643

Milk production data	SK 10/2018	Herds	60	Daug.	607	Rel.	99 %	SPI	-3257
Number controls		BV		Milk		Fat	%	rank	1188.
12099				-806		-23	0,17	SCS	3,44
						-24	0,03	rank	1095.

Type data	SHA 10/2018	Herds	22 / 14	Daug.	79	76,3	Rel.	87 %	TYPE	-0,68
								rank	713.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,10									
Angularity	0,26									
Chest Width	-0,59									
Body Depth	-0,43									
Rump Angle	0,45									
Rear Legs Side View	-0,31									
Foot Angle	-0,61									
Fore Udder Attachment	-1,77									
Front Teat Placement	0,15									
Teat Length	0,71									
Rear Udder Height	-0,56									
Rear Udder Width	-0,95									
Central Ligament	-0,36									
Udder Depth	-0,13									
Rump Width	0,22									
Rear Legs Rear View	-0,80									
Rear Teat Placement	-1,70									
Locomotion	-0,02									
Body Condition	-0,03									

daught. average

77,3	Frame	-0,20
73,4	Dairy Strength	0,36
76,5	Feet & Legs	-1,08
77,1	Udder	-0,56
	SHI	-125,5
	rank	826.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
BLUE	DE001020897393	08.08.1990	BS-021

Country of origin	DE	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	12.09.1990
		DEU	90/10959

Pedigree

Sire	PGS	CAL-CLARK BOARD CHAIRMAN
TO-MAR BLACKSTAR-ET		US000001723741
US000001929410	PGD	TO-MAR WAYNE HAY
CHR-002		US000009804790
Dam	MGS	S-W-D VALIANT
MARINA		US000001650414
DE001008145142	MGD	MALE
		DE000006290808

Milk production data	SK 10/2018	Herds	49	Daug.	487	Rel.	98 %	SPI	-3442
Number controls		BV		Milk		Fat	%	rank	1229.
9018				-718		-30	-0,08	SCS	2,93
								rank	463.

Type data	SHA 10/2018	Herds	6 / 2	Daug.	54	77,0	Rel.	80 %	TYPE	-0,69
								rank	714.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,84									
Angularity	-0,10									
Chest Width	-0,36									
Body Depth	-0,11									
Rump Angle	1,56									
Rear Legs Side View	0,48									
Foot Angle	-2,12									
Fore Udder Attachment	-0,20									
Front Teat Placement	1,13									
Teat Length	0,21									
Rear Udder Height	-0,24									
Rear Udder Width	-1,75									
Central Ligament	0,36									
Udder Depth	0,58									
Rump Width	-0,66									
Rear Legs Rear View	-0,30									
Rear Teat Placement	-0,13									
Locomotion	-0,22									
Body Condition	-0,61									

daught. average	77,8	Frame	-0,95
	76,3	Dairy Strength	0,21
	76,8	Feet & Legs	-1,82
	77,0	Udder	0,15
		SHI	-131,2
		rank	829.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
LAY-OUT	NL000825234239	10.03.1992	LER-002
Country of origin	NL	Breed	R100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	12.06.1992
		NL	825234239

Pedigree

Sire	PGS	CA-LILL STANDOUT CAVALIER
KINGLEA LEADER		US000001620273
US000001926780	PGD	KINGLEA CONDUCTOR LOLI
		US000010515644
Dam	MGS	HANOVERHILL STARBUCK
OLGA		CA000000352790
DE001015076114	MGD	OLIVE
		DE001004531836

Milk production data	SK 10/2018	Herds	37	Daug.	422	Rel.	98 %	SPI	-1342
Number controls		BV		Milk		Fat	%	Prot.	%
8415				-183	-14	-0,15	-11	-0,12	SCS
									rank
									765.
									3,46
									rank
									1116.

Type data	SHA 10/2018	Herds	9 / 6	Daug.	42	74,8	Rel.	77 %	TYPE	-0,69
									rank	715.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,51									
Angularity	-0,27									
Chest Width	-1,78									
Body Depth	0,42									
Rump Angle	0,79									
Rear Legs Side View	1,78									
Foot Angle	-0,44									
Fore Udder Attachment	-1,01									
Front Teat Placement	1,35									
Teat Length	2,24									
Rear Udder Height	0,20									
Rear Udder Width	-0,31									
Central Ligament	-0,33									
Udder Depth	-0,26									
Rump Width	-0,89									
Rear Legs Rear View	0,38									
Rear Teat Placement	0,82									
Locomotion	0,72									
Body Condition	-1,52									

daught. average

78,4	Frame	-1,07
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72,1	Dairy Strength	-0,74
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76,1	Feet & Legs	-0,28
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73,8	Udder	0,04
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	SHI	-67,9
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rank 722.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
ASTOR	DE001005007586	11.11.1979	ASR-003
Country of origin	DE	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	

Pedigree

Sire	PGS	THONYMA ORMSBY SENATOR
PACLAMAR ASTRONAUT		US000001252985
US000001458744	PGD	HARBORCREST ROSE MILLY
		US000004141507
Dam	MGS	PENSTATE IVANHOE STAR
SANTAMARIA		US000001441440
DE001007252215	MGD	SYRTE
		DE001005244060

Milk production data	SK 10/2018	Herds	172	Daug.	1253	Rel.	99 %	SPI	-3566
Number controls		BV		Milk	Fat	%	Prot.	%	rank
20114				-962	-24	0,27	-24	0,14	SCS
									rank
									1244.
									892.

Type data	SHA 10/2018	Herds	17 / 7	Daug.	129	75,8	Rel.	92 %	TYPE	-0,69
									rank	716.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-1,64									
Angularity	-0,39									
Chest Width	0,22									
Body Depth	0,17									
Rump Angle	-1,12									
Rear Legs Side View	0,16									
Foot Angle	0,18									
Fore Udder Attachment	-0,68									
Front Teat Placement	-0,67									
Teat Length	0,92									
Rear Udder Height	-1,26									
Rear Udder Width	-0,85									
Central Ligament	0,81									
Udder Depth	-0,68									
Rump Width	-1,13									
Rear Legs Rear View	-0,39									
Rear Teat Placement	-1,79									
Locomotion	-0,01									
Body Condition	1,53									

daught. average

73,6	Frame	-1,53
74,3	Dairy Strength	0,35
76,7	Feet & Legs	0,28
77,1	Udder	-0,30
	SHI	-135,1
	rank	836.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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Bull name	Registration number	Birth date	State Register
ODIXY	FR005925357683	19.03.1998	WEL-002
Country of origin	FR	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	07.07.1999
		FRA	98062954.1

Pedigree

Sire	PGS	SOUTHWIND BELL OF BAR-LEE
WELLS CATALYST-ET	US000001964484	BEL-001
US000002193611	PGD	BARN-AIRES VAL-MEL CAROL-ET
BEL-018	US000013757685	
Dam	MGS	NORRIELAKE CLEITUS LUKE-TWIN
DIXIE-LEE LUKE BLIZZARD-ET	US000002071864	CLE-005
US000015464686	MGD	PRICES MELWOOD BETSY-ET
	US000013792861	

Milk production data	SK 10/2018	Herds	94	Daug.	1504	Rel.	99 %	SPI	-410
Number controls		BV		Milk		Fat	%	Prot.	%
27985				-23		-4	-0,08	-4	-0,08
								SCS	2,45
								rank	546.
								rank	61.

Type data	SHA 10/2018	Herds	59 / 19	Daug.	303	78,0	Rel.	95 %	TYPE	-0,69
									rank	717.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,24									
Angularity	-0,95									
Chest Width	-0,57									
Body Depth	-0,47									
Rump Angle	1,83									
Rear Legs Side View	-0,42									
Foot Angle	2,05									
Fore Udder Attachment	-0,82									
Front Teat Placement	-1,29									
Teat Length	0,96									
Rear Udder Height	-1,03									
Rear Udder Width	-2,05									
Central Ligament	0,42									
Udder Depth	-0,24									
Rump Width	-3,02									
Rear Legs Rear View	0,78									
Rear Teat Placement	-0,22									
Locomotion	0,33									
Body Condition	-0,89									

daught. average

81,0	Frame	-0,31
77,8	Dairy Strength	-1,52
79,1	Feet & Legs	2,07
76,1	Udder	-1,20
	SHI	-39,9
	rank	633.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
CAJUGA-ET	DE000579172666	01.11.2000	CAL-003
Country of origin	DE	Breed	R100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	11.12.2000
		DEU	00/14300

Pedigree

Sire	PGS	STRICKLER ROYALTY CADILLAC-ET
CARED		US000002046246
DE000730209621	PGD	RED-SUN 683
		DE000724049317
Dam	MGS	ETAZON LORD LILY-ET
SINTJE87RF		NL000780180664
NL000194119786	MGD	HOOKWOOD SIENTJE 67
		NL000783703813

Milk production data	SK 10/2018	Herds	55	Daug.	549	Rel.	99 %	SPI	-220
Number controls		BV		Milk		Fat		rank	505.
12494				-207		2	0,19	SCS	2,85
						-0	0,14	rank	355.

Type data	SHA 10/2018	Herds	7 / 4	Daug.	20	78,5	Rel.	60 %	TYPE	-0,69
								rank	718.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,18									
Angularity	0,69									
Chest Width	-0,60									
Body Depth	-1,67									
Rump Angle	0,59									
Rear Legs Side View	0,20									
Foot Angle	-0,60									
Fore Udder Attachment	1,09									
Front Teat Placement	-0,93									
Teat Length	-0,64									
Rear Udder Height	0,16									
Rear Udder Width	-0,01									
Central Ligament	-1,48									
Udder Depth	-0,07									
Rump Width	-0,41									
Rear Legs Rear View	-0,51									
Rear Teat Placement	-1,21									
Locomotion	-0,29									
Body Condition	-0,23									

daught. average

82,1	Frame	-0,51
80,3	Dairy Strength	-0,49
80,3	Feet & Legs	-0,86
74,8	Udder	-0,45
	SHI	-34,3
	rank	601.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
MARKWELL TWOMAR-ET	US000002167687	14.02.1991	BS-032
Country of origin	US	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	23.09.1991
		USA	IG160455D

Pedigree

Sire	PGS	CAL-CLARK BOARD CHAIRMAN
TO-MAR BLACKSTAR-ET	US000001723741	ADM-008
US000001929410	PGD	TO-MAR WAYNE HAY
CHR-002	US000009804790	
Dam	MGS	WALKWAY CHIEF MARK
MARKWELL MARK ELITE	US000001773417	
US000012568225	MGD	ROCKALLI MARS EMILY
	US000010271942	

Milk production data	SK 10/2018	Herds	50	Daug.	931	Rel.	99 %	SPI	-339
Number controls		BV		Milk		Fat	%	Prot.	%
19963				178		-8	-0,28	-6	-0,24
								SCS	2,58
								rank	116.

Type data	SHA 10/2018	Herds	16 / 6	Daug.	51	75,9	Rel.	79 %	TYPE	-0,70
									rank	719.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,63									
Angularity	0,25									
Chest Width	-1,69									
Body Depth	-0,29									
Rump Angle	0,85									
Rear Legs Side View	1,47									
Foot Angle	-2,54									
Fore Udder Attachment	0,58									
Front Teat Placement	0,96									
Teat Length	-0,50									
Rear Udder Height	0,40									
Rear Udder Width	0,43									
Central Ligament	-0,46									
Udder Depth	0,70									
Rump Width	-0,58									
Rear Legs Rear View	-1,14									
Rear Teat Placement	0,45									
Locomotion	0,61									
Body Condition	-0,73									

daught. average

78,0	Frame	-1,22
72,8	Dairy Strength	-0,14
74,1	Feet & Legs	-2,50
77,3	Udder	0,92
	SHI	-38,2
	rank	625.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
GRANDUC REPUTATION	CA000005472808	08.07.1991	ARS-011
Country of origin	CA	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	06.03.1992
		CAN	268771

Pedigree

Sire	PGS	HANOVERHILL STARBUCK
MADAWASKA AEROSTAR		CA000000352790
CA000000383622	PGD	MADAWASKA SHADY
STB-011		CA0000003511527
Dam	MGS	ALTONA LEA PYRAMID
GRANDUC ROSSIE PYRAMID		CA000000340978
CA0000003900919	MGD	GRANDUC NEPTUNE,SHEIK
		CA0000003478556

Milk production data	SK 10/2018	Herds	50	Daug.	691	Rel.	99 %	SPI	-315
Number controls		BV		Milk		Fat	%	Prot.	%
13340				-141		3	0,15	-3	0,02
								SCS	3,52
								rank	1149.

Type data	SHA 10/2018	Herds	28 / 16	Daug.	95	76,6	Rel.	89 %	TYPE	-0,71
									rank	720.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-1,75									
Angularity	0,35									
Chest Width	-1,30									
Body Depth	-1,26									
Rump Angle	-1,51									
Rear Legs Side View	0,80									
Foot Angle	-0,73									
Fore Udder Attachment	-0,66									
Front Teat Placement	-1,05									
Teat Length	-0,43									
Rear Udder Height	0,55									
Rear Udder Width	0,22									
Central Ligament	1,82									
Udder Depth	-0,58									
Rump Width	0,17									
Rear Legs Rear View	1,31									
Rear Teat Placement	-0,60									
Locomotion	0,69									
Body Condition	-0,07									

daught. average

77,8	Frame	-1,96
74,1	Dairy Strength	-0,47
78,0	Feet & Legs	0,45
76,5	Udder	0,40
	SHI	-37,8
	rank	623.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
JED RED	FR005994022594	08.11.1994	LER-004
Country of origin	FR	Breed	R100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	22.02.1996
		FRA	GS 578414

Pedigree

Sire	PGS	CA-LILL STANDOUT CAVALIER
KINGLEA LEADER		US000001620273
US000001926780	PGD	KINGLEA CONDUCTOR LOLI
		US000010515644
Dam	MGS	MEADOLAKE JUBILANT-ET
GODRED HGF		CA000000376455
FR005991008273	MGD	ENH HELEN
		CA000004763033

Milk production data	SK 10/2018	Herds	87	Daug.	1223	Rel.	99 %	SPI	-702
Number controls		BV		Milk		Fat		rank	615.
24762				-75		-8	-0,10	SCS	3,08
						-6	-0,09	rank	657.

Type data	SHA 10/2018	Herds	10 / 7	Daug.	40	77,1	Rel.	80 %	TYPE	-0,71
								rank	721.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-1,21									
Angularity	1,32									
Chest Width	-2,14									
Body Depth	-2,48									
Rump Angle	-1,43									
Rear Legs Side View	0,88									
Foot Angle	-2,41									
Fore Udder Attachment	-0,39									
Front Teat Placement	-1,02									
Teat Length	-1,72									
Rear Udder Height	1,50									
Rear Udder Width	0,84									
Central Ligament	-1,58									
Udder Depth	0,07									
Rump Width	0,19									
Rear Legs Rear View	0,90									
Rear Teat Placement	-1,01									
Locomotion	0,80									
Body Condition	-2,29									

daught. average

77,7	Frame	-1,80
78,1	Dairy Strength	-0,18
78,7	Feet & Legs	-0,94
75,5	Udder	0,51
	SHI	-49,7
	rank	663.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
ELUSIVE-ET	SK000047052853	06.12.1994	EVE-001
Country of origin	SK	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	27.11.1995
		SVK	0202/02

Pedigree

Sire	PGS	ARLINDA ROTATE
ELUSIVE ROTATE DUKE-ET		US000001697572
US000002027752	PGD	BONWOOD VALIANT DREAM
GEN-009		US000011082940
Dam	MGS	MARSHFIELD ELEVATION TONY
MANSION-VALLEY TONY BERTIE-ET		US000001626813
US000012156936	MGD	WILLARDS MATT BERTHA
		US000009998778

Milk production data	SK 10/2018	Herds	123	Daug.	992	Rel.	99 %	SPI	-637
Number controls		BV		Milk		Fat	%	rank	603.
20127				60		-5	-0,15	Prot.	-9
								SCS	3,16
								rank	771.

Type data	SHA 10/2018	Herds	47 / 23	Daug.	260	76,9	Rel.	94 %	TYPE	-0,72
								rank	722.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,49					■				
Angularity	-0,49					■				
Chest Width	-0,52					■				
Body Depth	-0,61					■				
Rump Angle	1,09						■			
Rear Legs Side View	0,35						■			
Foot Angle	0,14							■		
Fore Udder Attachment	-0,63					■				
Front Teat Placement	0,56							■		
Teat Length	-0,03								■	
Rear Udder Height	-0,31								■	
Rear Udder Width	-0,75					■				
Central Ligament	0,54								■	
Udder Depth	-0,88					■				
Rump Width	-1,17					■				
Rear Legs Rear View	-1,07					■				
Rear Teat Placement	0,26								■	
Locomotion	1,03								■	
Body Condition	-0,43					■				

daught. average

77,5	Frame	-0,69
75,7	Dairy Strength	-0,86
78,0	Feet & Legs	-0,53
76,7	Udder	-0,12
	SHI	-48,2
	rank	655.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
PEARTOME HAGERSVILLE	CA000005287588	25.11.1990	BS-028

Country of origin	CA	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	16.07.1991
		CAN	251857

Pedigree

Sire	PGS	CAL-CLARK BOARD CHAIRMAN
TO-MAR BLACKSTAR-ET		US000001723741
US000001929410	PGD	TO-MAR WAYNE HAY
CHR-002		US000009804790
	MGS	MARSHFIELD ELEVATION TONY
Dam		US000001626813
PEARTOME TONY JOANIE-ET	MGD	PEARTOME THUNDER JOY
CA000004177424		CA000003335869

Milk production data	SK 10/2018	Herds	24	Daug.	192	Rel.	96 %	SPI	-1357
Number controls		BV		Milk		Fat	%	Prot.	%
4066				-346		-2	0,22	-13	-0,06
								SCS	3,06
								rank	774.
								rank	630.

Type data	SHA 10/2018	Herds	10 / 6	Daug.	38	76,2	Rel.	72 %	TYPE	-0,73
								rank	723.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,59									
Angularity	-0,13									
Chest Width	0,12									
Body Depth	-0,56									
Rump Angle	-0,01									
Rear Legs Side View	1,35									
Foot Angle	-0,85									
Fore Udder Attachment	-0,59									
Front Teat Placement	-0,83									
Teat Length	-1,03									
Rear Udder Height	-0,21									
Rear Udder Width	-0,86									
Central Ligament	0,68									
Udder Depth	0,01									
Rump Width	0,39									
Rear Legs Rear View	0,44									
Rear Teat Placement	0,27									
Locomotion	-0,27									
Body Condition	0,21									

daught. average	77,5	Frame	-0,68
	74,2	Dairy Strength	-0,09
	76,8	Feet & Legs	-0,66
	76,2	Udder	-0,43
		SHI	-69,9
		rank	731.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name		Registration number	Birth date	State Register
VETTER		DE001008226820	11.01.1981	VLE-002
Country of origin	DE		Breed	H100
Distributor	Nemecko		Herdbook	HA
			Paternity	

Pedigree

Sire	PGS	PAWNEE FARM ARLINDA CHIEF
S-W-D VALIANT		US000001427381
US000001650414	PGD	ALLIED ADMIRAL ROSE VIVIAN
		US000006781299
Dam	MGS	SIMPSONS APOSTLE
BASE		US000001537060
DE001006286600	MGD	BLESKE
		DE001005209814

Milk production data	SK 10/2018	Herds	307	Daug.	3458	Rel.	99 %	SPI	-3199
Number controls		BV		Milk		Fat		%	
63754				-673		-29		-0,09	
		Prot.		%		rank		SCS	2,97
								rank	517.

Type data	SHA 10/2018	Herds	26 / 19	Daug.	315	75,6	Rel.	96 %	TYPE	-0,74
								rank		724.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,05									
Angularity	-1,09									
Chest Width	1,18									
Body Depth	1,25									
Rump Angle	-0,85									
Rear Legs Side View	1,01									
Foot Angle	-0,06									
Fore Udder Attachment	-0,75									
Front Teat Placement	-0,87									
Teat Length	0,58									
Rear Udder Height	-1,25									
Rear Udder Width	-1,28									
Central Ligament	-1,08									
Udder Depth	-0,20									
Rump Width	0,44									
Rear Legs Rear View	-0,34									
Rear Teat Placement	-1,15									
Locomotion	-1,83									
Body Condition	0,26									

daught. average

75,5	Frame	0,40
73,9	Dairy Strength	-0,16
76,2	Feet & Legs	-0,54
76,1	Udder	-1,47
	SHI	-125,9
	rank	828.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
BEAUTIFUL	NL000189887001	14.01.1997	JUL-003
Country of origin	NL	Breed	R100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	24.06.1997
		NLD	26343

Pedigree

Sire	PGS	MEADOLAKE JUBILANT-ET
JUBEL		CA000000376455
DE000505893133	PGD	ELITE
JUB-016		DE000503837619
Dam	MGS	SKALSUMER SUNNY BOY-ET
TARMA 4355		NL000311651443
NL000784643558	MGD	TARMA 1
		NL000955655546

Milk production data	SK 10/2018	Herds	130	Daug.	2512	Rel.	99 %	SPI	-647
Number controls		BV		Milk		Fat		rank	605.
45229				-237		-7	0,02	SCS	3,66
						-2	0,12	rank	1217.

Type data	SHA 10/2018	Herds	46 / 15	Daug.	235	77,6	Rel.	94 %	TYPE	-0,74
								rank	725.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,79									
Angularity	-0,87									
Chest Width	0,57									
Body Depth	1,01									
Rump Angle	-1,46									
Rear Legs Side View	0,74									
Foot Angle	-0,79									
Fore Udder Attachment	-0,91									
Front Teat Placement	-0,87									
Teat Length	0,87									
Rear Udder Height	-0,99									
Rear Udder Width	0,14									
Central Ligament	0,84									
Udder Depth	-0,94									
Rump Width	0,00									
Rear Legs Rear View	-1,41									
Rear Teat Placement	-1,19									
Locomotion	-2,91									
Body Condition	0,23									

daught. average

82,0	Frame	0,85
78,3	Dairy Strength	-0,20
77,0	Feet & Legs	-2,66
75,5	Udder	-0,91
	SHI	-49,0
	rank	659.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
PAULO-BRO CHEVY CAPRICE-ET	US000002120405	30.08.1989	MEW-005

Country of origin	US	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	04.05.1990
		USA	IG138277A

Pedigree

Sire	PGS	ARLINDA ROTATE
ARLINDA MELWOOD-ET		US000001697572
US000001879149	PGD	ARLINDA COMBI MELODY
		US000009311697
Dam	MGS	S-W-D VALIANT
ENCHANTMENT VALIANT CAPRICE-ET		US000001650414
US0000012304143	MGD	ERBACRES BOVA CAMAY
		US0000011323129

Milk production data	SK 10/2018	Herds	52	Daug.	504	Rel.	99 %	SPI	1088
Number controls		BV		Milk		Fat	%	Prot.	%
10177				387		17	0,02	2	-0,22
								SCS	2,73
								rank	252.
								rank	230.

Type data	SHA 10/2018	Herds	45 / 18	Daug.	172	76,6	Rel.	92 %	TYPE	-0,74
									rank	726.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,06									
Angularity	-0,23									
Chest Width	-0,41									
Body Depth	0,83									
Rump Angle	-1,39									
Rear Legs Side View	0,11									
Foot Angle	1,54									
Fore Udder Attachment	-0,37									
Front Teat Placement	-1,65									
Teat Length	-1,65									
Rear Udder Height	-2,12									
Rear Udder Width	-1,69									
Central Ligament	-0,24									
Udder Depth	-0,88									
Rump Width	-0,52									
Rear Legs Rear View	-0,08									
Rear Teat Placement	-1,55									
Locomotion	-0,71									
Body Condition	-1,04									

daught. average

79,4	Frame	-0,09
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74,9	Dairy Strength	-0,13
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77,7	Feet & Legs	1,32
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75,5	Udder	-1,94
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	SHI	3,2
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rank 453.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
JIMTOWN NITA NILES-ET	US000129225544	16.02.2000	ELN-004
Country of origin	US	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	17.05.2000
		USA	IG261405A

Pedigree

Sire	PGS	EMPRISE BELL ELTON
RICECREST EMERSON-ET		US000001912270
US000002271271	PGD	WA-DEL RC BLCKSTR MARTHA-ET
		US000013907649
Dam	MGS	ZEE-CAL COMMOTION-ET
CLAY-BERN COMMOTION NITA		US000002038151
US000015437182	MGD	CLAY-BERN BLACK STAR PET-ET
		US000014709249

Milk production data	SK 10/2018	Herds	50	Daug.	124	Rel.	94 %	SPI	732
Number controls		BV		Milk		Fat	%	Prot.	%
2544				279		3	-0,15	4	-0,10
								SCS	3,64
								rank	1211.

Type data	SHA 10/2018	Herds	20 / 16	Daug.	36	76,9	Rel.	70 %	TYPE	-0,74
									rank	727.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,98									
Angularity	0,29									
Chest Width	-0,25									
Body Depth	-0,87									
Rump Angle	1,09									
Rear Legs Side View	0,44									
Foot Angle	-0,26									
Fore Udder Attachment	0,09									
Front Teat Placement	0,13									
Teat Length	-1,19									
Rear Udder Height	-1,20									
Rear Udder Width	-0,71									
Central Ligament	-0,17									
Udder Depth	-0,48									
Rump Width	1,90									
Rear Legs Rear View	-1,08									
Rear Teat Placement	-1,05									
Locomotion	-1,05									
Body Condition	-0,37									

daught. average

78,8	Frame	-0,93
77,9	Dairy Strength	-0,18
76,2	Feet & Legs	-0,68
75,8	Udder	-0,53
	SHI	-7,6
	rank	496.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
CEDARWAL MILESTONE MERCURY-ET	CA000006128415	17.05.1994	MES-001

Country of origin	CA	Breed	R100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	13.10.1994
		CAN	334304

Pedigree

Sire	PGS	GLENAFTON ENHANCER
BROOKNOOK MILESTONE-ET RED		CA000000343514
CA000000400985	PGD	BROOKNOOK MILESTONE DEE
		CA000003954472
Dam	MGS	DESLACS BOY GEORGE RED TWIN
CEDARWAL QUEEN GEORGE		CA000000381413
CA000005376032	MGD	CEDARWAL VALIANT QUEENIE
		CA000003655445

Milk production data	SK 10/2018	Herds	112	Daug.	1096	Rel.	99 %	SPI	-1479
Number controls		BV		Milk		Fat	%	rank	805.
21311				-377		-1	0,08	SCS	3,33
								rank	977.

Type data	SHA 10/2018	Herds	10 / 6	Daug.	22	77,2	Rel.	69 %	TYPE	-0,75
								rank	728.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-1,51									
Angularity	-0,10									
Chest Width	-0,27									
Body Depth	0,97									
Rump Angle	0,06									
Rear Legs Side View	-0,50									
Foot Angle	0,64									
Fore Udder Attachment	-0,09									
Front Teat Placement	-1,89									
Teat Length	2,28									
Rear Udder Height	-1,00									
Rear Udder Width	-0,66									
Central Ligament	1,40									
Udder Depth	-1,02									
Rump Width	-0,02									
Rear Legs Rear View	0,56									
Rear Teat Placement	-1,80									
Locomotion	0,09									
Body Condition	-0,07									

daught. average

79,6	Frame	-1,13
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75,4	Dairy Strength	0,19
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81,1	Feet & Legs	0,13
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75,1	Udder	-0,78
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	SHI	-74,7
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rank 747.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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Bull name	Registration number	Birth date	State Register
STAVELOT	FR008536945633	15.11.2001	MNA-009
Country of origin	FR	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	10.01.2003
		FRA	108600

Pedigree

Sire	PGS	BIS-MAY S-E-L MOUNTAIN-ET
JANZE MOUN		US000002070579
FR003594000491	PGD	HULOTTE 35
		FR003592049484
Dam	MGS	IT000908008098
PANEIKA		
FR006204205913	MGD	ANASTASIA
		DE001015286645

Milk production data	SK 10/2018	Herds	30	Daug.	90	Rel.	92 %	SPI	1287
Number controls		BV		Milk		Fat		rank	217.
1728				139		25	0,34	SCS	2,78
						7	0,04	rank	281.

Type data	SHA 10/2018	Herds	8 / 7	Daug.	16	77,4	Rel.	54 %	TYPE	-0,77
								rank	729.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-1,12									
Angularity	0,80									
Chest Width	-1,44									
Body Depth	-1,07									
Rump Angle	0,67									
Rear Legs Side View	1,62									
Foot Angle	0,07									
Fore Udder Attachment	-0,64									
Front Teat Placement	0,46									
Teat Length	-1,78									
Rear Udder Height	-0,15									
Rear Udder Width	-0,33									
Central Ligament	0,56									
Udder Depth	-0,35									
Rump Width	-2,09									
Rear Legs Rear View	-0,63									
Rear Teat Placement	0,22									
Locomotion	-1,36									
Body Condition	-1,49									

daught. average

78,8	Frame	-1,67
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79,4	Dairy Strength	0,11
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76,3	Feet & Legs	-0,75
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76,4	Udder	0,01
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	SHI	8,1
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rank 435.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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Bull name	Registration number	Birth date	State Register
LEONARDO 1	NL000192143505	29.04.1996	DOB-002
Country of origin	NL	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	12.07.1996
		NLD	192143505

Pedigree

Sire	PGS	BIS-MAY TRADITION CLEITUS
DOMBINATOR-ET		US000001879085
NL000316418898	PGD	LONG-HAVEN BOVA SAMARA-ET
CLE-023		US000012040197
Dam	MGS	UNITED NICK-ET
GREEN-VALE LEONARA-ET		US000001989083
US000014624392	MGD	YUCCA ROTATE LORI-ET
		US000013119192

Milk production data	SK 10/2018	Herds	60	Daug.	246	Rel.	97 %	SPI	-1350
Number controls		BV		Milk		Fat		rank	769.
5106				-277		-9	0,02	SCS	2,56
						-11	-0,07	rank	106.

Type data	SHA 10/2018	Herds	8 / 7	Daug.	13	76,0	Rel.	59 %	TYPE	-0,77
								rank	730.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,41									
Angularity	-1,85									
Chest Width	2,69									
Body Depth	-0,35									
Rump Angle	1,32									
Rear Legs Side View	-0,11									
Foot Angle	-0,76									
Fore Udder Attachment	-0,63									
Front Teat Placement	-1,00									
Teat Length	1,49									
Rear Udder Height	-0,32									
Rear Udder Width	-0,71									
Central Ligament	-1,90									
Udder Depth	0,46									
Rump Width	1,46									
Rear Legs Rear View	-0,60									
Rear Teat Placement	-0,82									
Locomotion	-0,85									
Body Condition	0,84									

daught. average

82,2	Frame	1,32
73,3	Dairy Strength	-1,12
73,9	Feet & Legs	-0,23
75,3	Udder	-1,24
	SHI	-71,6
	rank	739.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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Bull name	Registration number	Birth date	State Register
J & G JOCHEM	NL000359855999	10.05.2003	JRM-004
Country of origin	NL	Breed	R100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	29.10.2003
		NL	105456

Pedigree

Sire	PGS	CLARA S ORKAN RED
JEROM		NL000283076619
NL000163374068	PGD	MADEMEKE
		NL000819471596
Dam	MGS	STRATHAIRE SOUTHWIND LUKE-ET
TRILUX		AU000A00007327
DE000578281109	MGD	TRIX 241
		NL000858191145

Milk production data	SK 10/2018	Herds	45	Daug.	975	Rel.	99 %	SPI	-1247
Number controls		BV		Milk		Fat	%	Prot.	%
19720				-439		-5	0,24	-8	0,13
								SCS	3,36
								rank	743.
								rank	1020.

Type data	SHA 10/2018	Herds	25 / 8	Daug.	177	78,7	Rel.	92 %	TYPE	-0,78
									rank	731.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,04									
Angularity	-2,03									
Chest Width	2,14									
Body Depth	1,42									
Rump Angle	0,40									
Rear Legs Side View	-1,97									
Foot Angle	1,43									
Fore Udder Attachment	-1,42									
Front Teat Placement	-0,52									
Teat Length	0,37									
Rear Udder Height	-2,01									
Rear Udder Width	-1,07									
Central Ligament	0,11									
Udder Depth	-2,21									
Rump Width	1,48									
Rear Legs Rear View	0,81									
Rear Teat Placement	-1,86									
Locomotion	-0,23									
Body Condition	2,37									

daught. average

84,0	Frame	0,73
80,2	Dairy Strength	-0,46
81,1	Feet & Legs	0,96
74,1	Udder	-2,58
	SHI	-68,8
	rank	725.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
RENOWN TINSELTOWN RED-ET	US000002136013	12.04.1990	PVR-001
Country of origin	US	Breed	R100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	..

Pedigree

Sire	PGS	S-W-D VALIANT
POVERTY-HOLLOW VALIANT STAR		US000001650414
US000001857259	PGD	POVERTY HOLLOW,GINGER-ET
		XX000009765079
Dam	MGS	GLENAFTON ENHANCER
RENOWN ENHANCER TINSEL RED-ET		CA000000343514
US000013281785	MGD	PARKER S-W-D JOYCE
		US000010771099

Milk production data	SK 10/2018	Herds	52	Daug.	402	Rel.	98 %	SPI	-3703
Number controls		BV		Milk		Fat		rank	1270.
7682				-877		-29	0,08	SCS	2,76
						-26	0,02	rank	257.

Type data	SHA 10/2018	Herds	8 / 6	Daug.	14	76,4	Rel.	56 %	TYPE	-0,79
								rank	732.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,82									
Angularity	0,44									
Chest Width	0,13									
Body Depth	0,53									
Rump Angle	-1,78									
Rear Legs Side View	0,12									
Foot Angle	-0,29									
Fore Udder Attachment	-1,23									
Front Teat Placement	-0,15									
Teat Length	-1,39									
Rear Udder Height	-2,10									
Rear Udder Width	-0,58									
Central Ligament	-0,55									
Udder Depth	-1,18									
Rump Width	1,30									
Rear Legs Rear View	-0,22									
Rear Teat Placement	-1,20									
Locomotion	-1,22									
Body Condition	-0,62									

daught. average

80,5	Frame	-0,47
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75,3	Dairy Strength	0,64
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77,6	Feet & Legs	-0,47
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74,5	Udder	-1,05
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	SHI	-143,2
	rank	843.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
PSEUDOLO	DE000112776792	07.02.2001	PEL-021
Country of origin	DE	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	21.05.2001
		DEU	01/6654

Pedigree

Sire	PGS	RONNYBROOK PRELUDE-ET
PEDANT-ET		CA000000392457
DE001021497684	PGD	EDELROSE
		DE001020888555
Dam	MGS	LUX S
UASE		DE000107468205
DE000108688289	MGD	OASE
		DE000107789241

Milk production data	SK 10/2018	Herds	47	Daug.	94	Rel.	91 %	SPI	-589
Number controls		BV		Milk	Fat	%	Prot.	%	rank
1610				-257	11	0,40	-8	-0,01	SCS
									rank
									1218.

Type data	SHA 10/2018	Herds	12 / 11	Daug.	25	77,5	Rel.	60 %	TYPE	-0,79
									rank	733.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,45									
Angularity	0,08									
Chest Width	-1,24									
Body Depth	0,19									
Rump Angle	-0,98									
Rear Legs Side View	-1,39									
Foot Angle	-0,31									
Fore Udder Attachment	-0,82									
Front Teat Placement	-0,24									
Teat Length	-2,34									
Rear Udder Height	-0,09									
Rear Udder Width	0,79									
Central Ligament	-0,50									
Udder Depth	-0,44									
Rump Width	-1,45									
Rear Legs Rear View	-1,57									
Rear Teat Placement	0,27									
Locomotion	0,57									
Body Condition	-0,10									

daught. average

80,3	Frame	-1,00
78,6	Dairy Strength	-0,02
77,9	Feet & Legs	-0,25
75,2	Udder	-0,70
	SHI	-49,5
	rank	660.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
PADDISON	NL000255281470	03.11.1999	MNA-003
Country of origin	NL	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	14.03.2000
		NLD	255281470

Pedigree

Sire	PGS	BIS-MAY S-E-L MOUNTAIN-ET
ETAZON ADDISON-ET		US000002070579
NL000839380546	PGD	TIDY-BROOK ELTON STEPH-ET
		US000014080279
Dam	MGS	MAIZEFIELD BELLWOOD-ET
LEONA 1		US000002103297
NL000176878852	MGD	MAS LEONA
		US000014845280

Milk production data	SK 10/2018	Herds	66	Daug.	178	Rel.	96 %	SPI	1068
Number controls		BV		Milk		Fat	%	rank	259.
3218				239		6	-0,07	9	0,03
								SCS	3,32
								rank	971.

Type data	SHA 10/2018	Herds	14 / 12	Daug.	33	77,1	Rel.	70 %	TYPE	-0,80
								rank	734.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-1,69									
Angularity	-1,53									
Chest Width	1,88									
Body Depth	1,51									
Rump Angle	1,38									
Rear Legs Side View	2,00									
Foot Angle	0,18									
Fore Udder Attachment	-1,96									
Front Teat Placement	0,44									
Teat Length	0,76									
Rear Udder Height	-0,28									
Rear Udder Width	1,58									
Central Ligament	0,14									
Udder Depth	-2,64									
Rump Width	1,34									
Rear Legs Rear View	-2,01									
Rear Teat Placement	1,36									
Locomotion	1,71									
Body Condition	0,67									

daught. average

79,2	Frame	-0,89
77,8	Dairy Strength	-0,74
77,5	Feet & Legs	0,54
75,4	Udder	-0,82
	SHI	0,4
	rank	463.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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Bull name	Registration number	Birth date	State Register
JIVE-ET	DE000346074600	11.02.2001	BES-008
Country of origin	DE	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	07.03.2001
		DE	01/3906

Pedigree

Sire	PGS	BESNE-BUCK
JOCKO BESN		FR004486041658
FR005694028588	PGD	GAIA
		FR005691017484
Dam	MGS	MADAWASKA AEROSTAR
BALDE 13		CA000000383622
DE001021168785	MGD	BEATE
		DE001020928693

STB-011

Milk production data	SK 10/2018	Herds	70	Daug.	758	Rel.	99 %	SPI	-459
Number controls		BV		Milk		Prot.		rank	556.
13876				-25	-15	-0,27	-0	SCS	3,04
								rank	609.

Type data	SHA 10/2018	Herds	21 / 8	Daug.	91	78,4	Rel.	85 %	TYPE	-0,81
								rank	735.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,79									
Angularity	0,97									
Chest Width	-1,81									
Body Depth	-2,41									
Rump Angle	0,66									
Rear Legs Side View	-1,81									
Foot Angle	-0,66									
Fore Udder Attachment	-0,80									
Front Teat Placement	-0,22									
Teat Length	0,72									
Rear Udder Height	-0,01									
Rear Udder Width	-1,73									
Central Ligament	1,53									
Udder Depth	0,55									
Rump Width	-2,64									
Rear Legs Rear View	0,64									
Rear Teat Placement	0,88									
Locomotion	-0,74									
Body Condition	-1,92									

daught. average

83,1	Frame	-0,24
79,0	Dairy Strength	-0,88
78,8	Feet & Legs	-0,98
75,7	Udder	-0,33
	SHI	-46,2
	rank	649.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
HRABOVSKY BELLWOOD KUPID	SK000012422053	25.09.1998	BW-010
Country of origin	SK	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	23.09.1999
		SVK	0251/10

Pedigree

Sire	PGS	ARLINDA MELWOOD-ET
MAIZEFIELD BELLWOOD-ET		US000001879149
US000002103297	PGD	BREN-WAY BELL BETSY
MEW-004		US000012052401
Dam	MGS	OSDEL-ENDEAVOR BOVA CUBBY
KUBA		US000001986164
SK000018392003	MGD	SK000018380003
		BA-002

Milk production data	SK 10/2018	Herds	80	Daug.	458	Rel.	98 %	SPI	-811
Number controls		BV		Milk		Fat		rank	642.
8683				-157		-9	-0,07	Prot.	SCS
						-5	-0,01	rank	725.

Type data	SHA 10/2018	Herds	9 / 9	Daug.	40	76,4	Rel.	75 %	TYPE	-0,81
								rank	736.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,02									
Angularity	-0,62									
Chest Width	0,25									
Body Depth	0,91									
Rump Angle	1,15									
Rear Legs Side View	-0,11									
Foot Angle	-1,04									
Fore Udder Attachment	-0,71									
Front Teat Placement	-0,82									
Teat Length	2,06									
Rear Udder Height	-0,68									
Rear Udder Width	-0,73									
Central Ligament	-0,69									
Udder Depth	-1,20									
Rump Width	-0,18									
Rear Legs Rear View	-1,38									
Rear Teat Placement	-1,63									
Locomotion	0,08									
Body Condition	0,98									

daught. average

80,2	Frame	0,26
77,9	Dairy Strength	-0,29
76,7	Feet & Legs	-0,41
73,7	Udder	-1,30
	SHI	-56,8
	rank	685.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
ALTAGEN ADRENALINE-ET	CA000007125433	31.07.1998	WIT-001
Country of origin	CA	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	18.12.1998
		CAN	CD429732

Pedigree

Sire	PGS	MADAWASKA AEROSTAR	
LADYS-MANOR WINCHESTER-ET		CA000000383622	STB-011
US000002205082	PGD	LADYS-MANOR TOP GUN JEMINI-ET	
		US000013586096	
Dam	MGS	MAIZEFIELD BELLWOOD-ET	
DIXIE-LEE ALICIA-ET		US000002103297	MEW-004
US000017122532	MGD	DIXIE-LEE ASPEN-ET	
		US000014889171	

Milk production data	SK 10/2018	Herds	48	Daug.	129	Rel.	94 %	SPI	-96
Number controls		BV		Milk		Fat		rank	479.
2351				-25		6	0,12	SCS	3,09
						-3	-0,06	rank	672.

Type data	SHA 10/2018	Herds	18 / 12	Daug.	34	76,4	Rel.	72 %	TYPE	-0,81
								rank	737.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,72									
Angularity	-0,35									
Chest Width	-2,34									
Body Depth	-1,57									
Rump Angle	3,08									
Rear Legs Side View	1,41									
Foot Angle	-0,39									
Fore Udder Attachment	-0,45									
Front Teat Placement	-1,17									
Teat Length	0,13									
Rear Udder Height	0,30									
Rear Udder Width	0,18									
Central Ligament	-0,88									
Udder Depth	0,02									
Rump Width	0,30									
Rear Legs Rear View	0,12									
Rear Teat Placement	0,51									
Locomotion	0,39									
Body Condition	-0,51									

daught. average	79,6	Frame	-0,19
	74,5	Dairy Strength	-1,41
	77,9	Feet & Legs	-0,37
	74,8	Udder	-0,55
		SHI	-35,2
		rank	607.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
LOOSLEA BRETT VULCAN	US000130891015	23.01.2001	BRE-002
Country of origin	US	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	12.12.2005
		US	MO5011331

Pedigree

Sire	PGS	MAIZEFIELD BELLWOOD-ET
RICECREST BRETT-ET	US000002103297	MEW-004
US000002289548	PGD	RICECREST SOUTHWIND KAYE-ET
	US000014334791	
Dam	MGS	SHEN-VAL NV LM FORMATION-ET
CARNATION FORMATN VIOLET-ET	US000002163822	LAD-009
US000017391041	MGD	CARNATION LOYALTY VICTORIA
	US000014619025	

Milk production data	SK 10/2018	Herds	18	Daug.	302	Rel.	98 %	SPI	1373
Number controls		BV		Milk		Fat	%	Prot.	%
5842				219	8	-0,02	13	0,13	SCS
									rank
									197.
									rank
									234.

Type data	SHA 10/2018	Herds	24 / 9	Daug.	90	78,2	Rel.	86 %	TYPE	-0,81
									rank	738.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,19									
Angularity	-0,09									
Chest Width	-0,97									
Body Depth	-2,51									
Rump Angle	-0,64									
Rear Legs Side View	0,15									
Foot Angle	0,60									
Fore Udder Attachment	1,29									
Front Teat Placement	-0,79									
Teat Length	-0,60									
Rear Udder Height	0,48									
Rear Udder Width	-0,74									
Central Ligament	0,23									
Udder Depth	1,52									
Rump Width	-1,43									
Rear Legs Rear View	-0,27									
Rear Teat Placement	0,45									
Locomotion	-1,45									
Body Condition	-0,50									

daught. average

81,3	Frame	-0,94
78,5	Dairy Strength	-1,47
77,8	Feet & Legs	-0,66
76,6	Udder	-0,13
	SHI	8,9
	rank	429.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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Bull name	Registration number	Birth date	State Register
HIDDEN FUTURE	NL000227347061	12.10.1998	RLD-001
Country of origin	NL	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	17.02.2003
		NLD	42355

Pedigree

Sire	PGS	MADAWASKA AEROSTAR
NEWHOUSE RONALD		CA000000383622
NL000777430664	PGD	NEWHOUSE INGRID 66
		NL000805719521
Dam	MGS	ETAZON CELSIUS-ET
EVALIEN 182		NL000460508522
NL000189946218	MGD	EVALIEN 168
		NL000854676244

Milk production data	SK 10/2018	Herds	5	Daug.	28	Rel.	83 %	SPI	2136
Number controls		BV		Milk		Fat	%	Prot.	%
492				262	25	0,25	17	0,18	
								SCS	2,41
								rank	...
								rank	...

Type data	SHA 10/2018	Herds	5 / 3	Daug.	15	78,3	Rel.	55 %	TYPE	-0,81
									rank	739.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,55									
Angularity	-0,45									
Chest Width	-0,72									
Body Depth	-1,26									
Rump Angle	1,42									
Rear Legs Side View	1,21									
Foot Angle	-1,24									
Fore Udder Attachment	-0,48									
Front Teat Placement	0,78									
Teat Length	-0,13									
Rear Udder Height	-0,92									
Rear Udder Width	-1,01									
Central Ligament	0,79									
Udder Depth	-1,09									
Rump Width	-1,55									
Rear Legs Rear View	0,35									
Rear Teat Placement	1,22									
Locomotion	0,75									
Body Condition	0,28									

daught. average

78,9	Frame	-0,87
78,8	Dairy Strength	-0,89
78,5	Feet & Legs	-0,01
77,5	Udder	-0,52
	SHI	31,8
	rank	324.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
EVERNOOK TARGET TANDY-ET	US000002200744	20.08.1992	TAG-002

Country of origin	US	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	27.04.1993
		USA	IG183109B

Pedigree

Sire	PGS	ARLINDA CARL-TWIN
CURTMAID EMERALD TARGET		US000001799693
US000002030882	PGD	RIPVALLEY NA BELL TAMMY-ET
		US000011039415
Dam	MGS	EXRANCO THOR
EVERNOOK THOR THRESA		US000001883228
US000013618116	MGD	EVERNOOK ANDY TABHAS,TOKEN
		US000011922859

Milk production data	SK 10/2018	Herds	107	Daug.	1417	Rel.	99 %	SPI	991
Number controls		BV		Milk		Fat		rank	282.
29708				399		5	-0,18	SCS	2,83
								rank	344.

Type data	SHA 10/2018	Herds	83 / 32	Daug.	538	76,8	Rel.	97 %	TYPE	-0,82
								rank	740.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,58									
Angularity	-1,13									
Chest Width	0,01									
Body Depth	-0,96									
Rump Angle	-0,29									
Rear Legs Side View	-1,45									
Foot Angle	0,73									
Fore Udder Attachment	-1,66									
Front Teat Placement	-0,32									
Teat Length	1,83									
Rear Udder Height	-1,66									
Rear Udder Width	-0,54									
Central Ligament	-0,33									
Udder Depth	-1,32									
Rump Width	2,38									
Rear Legs Rear View	0,05									
Rear Teat Placement	-0,25									
Locomotion	-1,35									
Body Condition	-0,23									

daught. average

80,2	Frame	0,61
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74,7	Dairy Strength	-1,62
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77,9	Feet & Legs	0,31
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75,6	Udder	-1,47
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	SHI	-3,0
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rank 477.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
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Bull name	Registration number	Birth date	State Register
ADAM-ET	DE000015230722	08.08.1992	ARS-003
Country of origin	DE	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	04.03.1993
		DEU	93/3605

Pedigree

Sire	PGS	HANOVERHILL STARBUCK
MADAWASKA AEROSTAR		CA000000352790
CA000000383622	PGD	MADAWASKA SHADY
STB-011		CA0000003511527
Dam	MGS	GLENAFTON ENHANCER
MARITA		CA000000343514
DE001015038867	MGD	MONI
		DE001004528782

Milk production data	SK 10/2018	Herds	85	Daug.	386	Rel.	98 %	SPI	-2617
Number controls		BV		Milk		Fat		rank	1059.
8048				-635		-18	0,12	SCS	3,41
						-19	0,00	rank	1066.

Type data	SHA 10/2018	Herds	16 / 12	Daug.	36	75,8	Rel.	75 %	TYPE	-0,83
								rank	741.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,99									
Angularity	-0,32									
Chest Width	-0,74									
Body Depth	-0,89									
Rump Angle	0,15									
Rear Legs Side View	-0,84									
Foot Angle	0,55									
Fore Udder Attachment	-0,33									
Front Teat Placement	-1,00									
Teat Length	0,48									
Rear Udder Height	-0,04									
Rear Udder Width	-0,46									
Central Ligament	-0,35									
Udder Depth	-0,57									
Rump Width	-0,81									
Rear Legs Rear View	-0,95									
Rear Teat Placement	-1,59									
Locomotion	-0,19									
Body Condition	-0,35									

daught. average

76,0	Frame	-1,25
73,0	Dairy Strength	-0,75
77,4	Feet & Legs	-0,04
76,3	Udder	-0,18
	SHI	-112,0
	rank	812.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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Bull name	Registration number	Birth date	State Register
FALSTER-ET	DK004534802835	08.04.2010	MED-029
Country of origin	DK	Breed	R100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	25.10.2010
		DE	10/45756

Pedigree

Sire	PGS	O-BEE MANFRED JUSTICE-ET
FICTION		US000122358313
NL000390479437	PGD	JAAANTJE 14
		NL000227376731
Dam	MGS	DUDOC MR BURNS-ET
DK004534802290		CA000100745543
	MGD	DK004534801676

Milk production data	SK 10/2018	Herds	16	Daug.	134	Rel.	92 %	SPI	2626
Number controls		BV		Milk		Fat		rank	67.
1693				538		32	0,18	SCS	3,07
								rank	644.

Type data	SHA 10/2018	Herds	5 / 3	Daug.	10	80,3	Rel.	40 %	TYPE	-0,83
								rank	742.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,80									
Angularity	-1,55									
Chest Width	0,18									
Body Depth	-0,24									
Rump Angle	-0,56									
Rear Legs Side View	0,70									
Foot Angle	0,37									
Fore Udder Attachment	-0,03									
Front Teat Placement	-0,22									
Teat Length	-0,68									
Rear Udder Height	-1,59									
Rear Udder Width	0,41									
Central Ligament	-0,28									
Udder Depth	0,53									
Rump Width	-0,15									
Rear Legs Rear View	0,11									
Rear Teat Placement	-1,26									
Locomotion	-1,78									
Body Condition	1,35									

daught. average

85,3	Frame	0,54
79,5	Dairy Strength	-1,83
81,4	Feet & Legs	-0,66
77,4	Udder	-0,53
	SHI	45,9
	rank	276.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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Bull name	Registration number	Birth date	State Register
KONSENS-ET	DE000579333387	17.07.2002	KOR-004
Country of origin	DE	Breed	R100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	24.09.2002
		DEU	02/9600

Pedigree

Sire	PGS	KOERIER 104
KOENIG-ET		NL000461733916
DE000577023256	PGD	ARIZONA
KOR-002		DE000576213905
Dam	MGS	LUKAS
ARCIA RF		DE001012104370
DE000578427342	MGD	ANJA 347
		DE000506016310

Milk production data	SK 10/2018	Herds	37	Daug.	100	Rel.	92 %	SPI	-3032
Number controls		BV		Milk		Fat	%	Prot.	%
1867				-776		-29	0,01	-18	0,14
								SCS	3,12
								rank	1135.
								rank	707.

Type data	SHA 10/2018	Herds	8 / 6	Daug.	14	76,2	Rel.	57 %	TYPE	-0,84
									rank	743.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,03									
Angularity	0,80									
Chest Width	0,37									
Body Depth	0,10									
Rump Angle	-0,11									
Rear Legs Side View	1,68									
Foot Angle	-2,15									
Fore Udder Attachment	-0,52									
Front Teat Placement	-0,85									
Teat Length	-1,67									
Rear Udder Height	-0,83									
Rear Udder Width	-0,36									
Central Ligament	-1,54									
Udder Depth	0,12									
Rump Width	0,73									
Rear Legs Rear View	-0,65									
Rear Teat Placement	-0,31									
Locomotion	-1,21									
Body Condition	-0,21									

daught. average

79,8	Frame	0,15
78,2	Dairy Strength	1,01
74,4	Feet & Legs	-1,84
73,8	Udder	-1,46
	SHI	-124,9
	rank	823.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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Bull name	Registration number	Birth date	State Register
ABRAHAM BENCHMARK MAJOR-ET	SK000000203854	27.12.1995	BEK-005
Country of origin	SK	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	19.12.1996
		SVK	0220/19

Pedigree

Sire	PGS	ARLINDA MELWOOD-ET
SINGING-BROOK BENCHMARK-ET		US000001879149
US000002078290	PGD	PACLAMAR MARIETTA BOWS
MEW-001		US000012178426
Dam	MGS	SINGING-BROOK N-BOY MASCOT-ET
VIEW-NU MASCOT JENNY-ET		US000002020049
US000014828808	MGD	EAGLE-D MISS JENNA-ET
		US000013835547

Milk production data	SK 10/2018	Herds	43	Daug.	84	Rel.	92 %	SPI	-1099
Number controls		BV		Milk		Fat	%	Prot.	%
1719				-326		1	0,26	-11	-0,02
								SCS	3,04
								rank	713.
								rank	616.

Type data	SHA 10/2018	Herds	11 / 10	Daug.	17	75,7	Rel.	60 %	TYPE	-0,84
								rank	744.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,52									
Angularity	-0,68									
Chest Width	0,05									
Body Depth	0,30									
Rump Angle	1,32									
Rear Legs Side View	-1,46									
Foot Angle	0,19									
Fore Udder Attachment	-1,21									
Front Teat Placement	-1,04									
Teat Length	-0,40									
Rear Udder Height	-0,49									
Rear Udder Width	-0,67									
Central Ligament	1,23									
Udder Depth	-0,53									
Rump Width	-0,46									
Rear Legs Rear View	-1,43									
Rear Teat Placement	-0,66									
Locomotion	-0,27									
Body Condition	-0,33									

daught. average

78,4	Frame	0,36
72,9	Dairy Strength	-0,87
76,8	Feet & Legs	-0,22
75,4	Udder	-1,28
	SHI	-66,6
	rank	713.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
ZAVAR HARTIN-ET	SK000064923862	18.12.1994	HAC-004
Country of origin	SK	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	24.06.1996
		SVK	0215/11

Pedigree

Sire	PGS	RUANN GOLDEN NUGGET KLARK
LA-POE K HARDTAC-ET		US000001829881
US000002073505	PGD	LA-POE B C HONESTY
KLK-002		US000011895858
Dam	MGS	ARLINDA ROTATE
MEMORIAL-ACRES ROTATE TIN-ET		US000001697572
US000012839998	MGD	ROCKY-TERRACE VLNT ROZIE
		US000011372002

Milk production data	SK 10/2018	Herds	44	Daug.	163	Rel.	95 %	SPI	-2790
Number controls		BV		Milk		Fat		rank	1101.
2511				-610		-22	0,02	SCS	3,03
						-21	-0,06	rank	603.

Type data	SHA 10/2018	Herds	6 / 5	Daug.	19	75,9	Rel.	62 %	TYPE	-0,84
								rank	745.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,36									
Angularity	0,54									
Chest Width	-0,87									
Body Depth	-1,94									
Rump Angle	0,98									
Rear Legs Side View	0,62									
Foot Angle	0,87									
Fore Udder Attachment	-1,51									
Front Teat Placement	-0,75									
Teat Length	-0,41									
Rear Udder Height	-0,18									
Rear Udder Width	-1,67									
Central Ligament	0,57									
Udder Depth	-0,13									
Rump Width	0,03									
Rear Legs Rear View	0,64									
Rear Teat Placement	-1,04									
Locomotion	-0,84									
Body Condition	-0,11									

daught. average

77,9	Frame	-0,76
72,2	Dairy Strength	-0,23
79,0	Feet & Legs	0,30
75,2	Udder	-1,00
	SHI	-117,7
	rank	816.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
PELAGIUS-ET	DE000349017291	27.12.2002	PRX-002
Country of origin	DE	Breed	R100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	20.10.2003
		DEU	03/42778

Pedigree

Sire	PGS	GLEN-TOCTIN JOHNSON-ET
STARSTRUCK J PARADOX-RED-ET		US000002145651
US000017286871	PGD	J-DON MENTUM PILLAR-RED-ET
		US000015062983
Dam	MGS	CHAPEL-BANK LAREDO RED
NEW YORK 14		US000002199279
DE000344774768	MGD	NATALIE 153
		DE001014131872

Milk production data	SK 10/2018	Herds	45	Daug.	126	Rel.	94 %	SPI	-1916
Number controls		BV		Milk		Fat		rank	910.
2540				-473		-17	0,01	SCS	2,98
						-12	0,05	rank	534.

Type data	SHA 10/2018	Herds	6 / 4	Daug.	19	77,0	Rel.	57 %	TYPE	-0,85
								rank	746.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-1,07									
Angularity	2,12									
Chest Width	-1,38									
Body Depth	-0,48									
Rump Angle	1,17									
Rear Legs Side View	0,49									
Foot Angle	-2,37									
Fore Udder Attachment	-0,49									
Front Teat Placement	-0,89									
Teat Length	-0,12									
Rear Udder Height	0,83									
Rear Udder Width	-0,38									
Central Ligament	0,45									
Udder Depth	-0,99									
Rump Width	-0,52									
Rear Legs Rear View	-1,59									
Rear Teat Placement	-0,51									
Locomotion	0,20									
Body Condition	-1,33									

daught. average

78,6	Frame	-1,19
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80,0	Dairy Strength	1,32
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77,4	Feet & Legs	-1,62
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74,4	Udder	-0,47
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	SHI	-91,8
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rank 783.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
RGK FLAK	DK006248400681	16.11.2001	MNL-020

Country of origin	DK	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	12.03.2002
		DK	231606

Pedigree

Sire	PGS	LUTZ-MEADOWS E MANDEL-ET
B-Y-U MANDEL BOMBAY-ET		US000002119526
US000002292218	PGD	B-Y-U GLOW BRIGITTE
		US000014689001
Dam	MGS	ETAZON LORD LILY-ET
SALLY		NL000780180664
DK004118100928	MGD	DK004118100656

Milk production data	SK 10/2018	Herds	4	Daug.	85	Rel.	91 %	SPI	-821
Number controls		BV		Milk		Fat		%	
1482				-204		-8		-0,02	-5
								0,03	0,03
								rank	...
								SCS	2,96
								rank	...

Type data	SHA 10/2018	Herds	6 / 1	Daug.	86	78,8	Rel.	83 %	TYPE	-0,85
									rank	747.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-1,37									
Angularity	2,40									
Chest Width	-1,95									
Body Depth	-1,35									
Rump Angle	0,71									
Rear Legs Side View	1,78									
Foot Angle	-1,02									
Fore Udder Attachment	0,16									
Front Teat Placement	0,07									
Teat Length	0,16									
Rear Udder Height	0,11									
Rear Udder Width	0,04									
Central Ligament	-2,13									
Udder Depth	0,13									
Rump Width	-1,38									
Rear Legs Rear View	-0,83									
Rear Teat Placement	0,97									
Locomotion	1,32									
Body Condition	-1,33									

daught. average

80,6	Frame	-1,78
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79,9	Dairy Strength	1,22
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78,3	Feet & Legs	-0,09
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77,6	Udder	-0,69
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SHI	-58,9
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rank 690.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
FRICI VALIANT	HU000000010979	05.09.1986	VAL-015
Country of origin	HU	Breed	H100
Distributor	Maďarsko	Herdbook	HA
		Paternity	

Pedigree

Sire	PGS	PAWNEE FARM ARLINDA CHIEF
S-W-D VALIANT		US000001427381
US000001650414	PGD	ALLIED ADMIRAL ROSE VIVIAN
		US000006781299
Dam	MGS	VIVAT-FIA
JONAS		HU000000003543
HU000540203536	MGD	JONAS
		HU000540202087

Milk production data	SK 10/2018	Herds	139	Daug.	2060	Rel.	99 %	SPI	-3382
Number controls		BV		Milk		Fat		rank	1219.
39260				-837		-26	0,12	SCS	2,94
						-23	0,06	rank	480.

Type data	SHA 10/2018	Herds	7 / 5	Daug.	18	74,9	Rel.	78 %	TYPE	-0,85
								rank	748.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,65									
Angularity	-1,19									
Chest Width	0,33									
Body Depth	-0,25									
Rump Angle	-0,52									
Rear Legs Side View	-0,64									
Foot Angle	0,83									
Fore Udder Attachment	0,19									
Front Teat Placement	-0,21									
Teat Length	-0,09									
Rear Udder Height	-1,61									
Rear Udder Width	-1,30									
Central Ligament	-0,88									
Udder Depth	0,50									
Rump Width	1,31									
Rear Legs Rear View	-0,06									
Rear Teat Placement	-0,88									
Locomotion	0,59									
Body Condition	1,87									

daught. average

75,9	Frame	-0,42
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72,3	Dairy Strength	-1,15
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79,2	Feet & Legs	1,04
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73,9	Udder	-1,25
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	SHI	-136,2
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rank 839.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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Bull name	Registration number	Birth date	State Register
ZAVAR HAROT-ET	SK000064922862	18.12.1994	HAC-003

Country of origin	SK	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	24.06.1996
		SK	0215/14

Pedigree

Sire	PGS	RUANN GOLDEN NUGGET KLARK
LA-POE K HARDTAC-ET		US000001829881
US000002073505	PGD	LA-POE B C HONESTY
KLK-002		US000011895858
Dam	MGS	ARLINDA ROTATE
MEMORIAL-ACRES ROTATE TIN-ET		US000001697572
US000012839998	MGD	ROCKY-TERRACE VLNT ROZIE
		US000011372002

Milk production data	SK 10/2018	Herds	114	Daug.	1341	Rel.	99 %	SPI	-1470
Number controls		BV		Milk		Fat		rank	804.
26845				-495		-0	0,37	SCS	2,92
						-12	0,08	rank	455.

Type data	SHA 10/2018	Herds	34 / 15	Daug.	151	76,9	Rel.	91 %	TYPE	-0,86
								rank	749.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-2,17									
Angularity	1,10									
Chest Width	-0,78									
Body Depth	-0,41									
Rump Angle	-1,21									
Rear Legs Side View	-0,99									
Foot Angle	0,25									
Fore Udder Attachment	-1,19									
Front Teat Placement	-1,60									
Teat Length	-0,94									
Rear Udder Height	-0,11									
Rear Udder Width	-0,17									
Central Ligament	1,05									
Udder Depth	-0,66									
Rump Width	-0,53									
Rear Legs Rear View	-0,13									
Rear Teat Placement	-1,41									
Locomotion	-0,94									
Body Condition	-0,19									

daught. average

77,4	Frame	-2,15
78,1	Dairy Strength	0,95
77,3	Feet & Legs	-0,09
75,9	Udder	-0,32
	SHI	-78,9
	rank	759.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
TOPSPEED AQUARIUS	NL000372613529	06.09.2003	MRC-002
Country of origin	NL	Breed	R100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	28.01.2004
		NLD	104294

Pedigree

Sire	PGS	LOOSLEA BSTAR MARCEL-ET
MARCEL RED		US000002138315
FR005996024475	PGD	SHADY-LAWN-U NANCY-ET
MRC-001		US000015173486
Dam	MGS	BATENBURG F DAAN
COCTAIL ANDY 70		NL000841158304
NL000215599023	MGD	COCKTAIL ANDY 51
		NL000142441310

Milk production data	SK 10/2018	Herds	108	Daug.	2415	Rel.	99 %	SPI	-1283
Number controls		BV		Milk		Fat	%	rank	752.
45613				-369		-15	-0,03	SCS	3,10
						-6	0,13	rank	693.

Type data	SHA 10/2018	Herds	41 / 13	Daug.	198	79,3	Rel.	92 %	TYPE	-0,87
								rank	750.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-1,30									
Angularity	-0,46									
Chest Width	0,32									
Body Depth	-0,41									
Rump Angle	0,55									
Rear Legs Side View	-0,26									
Foot Angle	0,47									
Fore Udder Attachment	-0,80									
Front Teat Placement	-2,12									
Teat Length	1,12									
Rear Udder Height	-0,32									
Rear Udder Width	-0,74									
Central Ligament	0,98									
Udder Depth	-0,58									
Rump Width	-0,11									
Rear Legs Rear View	-0,01									
Rear Teat Placement	-0,99									
Locomotion	0,08									
Body Condition	0,74									

daught. average

81,9	Frame	-1,16
80,4	Dairy Strength	-0,85
81,4	Feet & Legs	0,18
76,2	Udder	-0,61
	SHI	-73,3
	rank	744.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
CIFER BELLWOOD MAKO-ET	SK000069216862	06.05.1997	BW-004
Country of origin SK		Breed	H100
Distributor		Herdbook	HA
		Paternity	

Pedigree

Sire	PGS	ARLINDA MELWOOD-ET	
MAIZEFIELD BELLWOOD-ET		US000001879149	
US000002103297	PGD	BREN-WAY BELL BETSY	
MEW-004		US000012052401	
Dam	MGS	MADAWASKA AEROSTAR	
LEXVOLD AEROSTAR PRETZ9-ET		CA000000383622	STB-011
US000014788970	MGD	LEXVOLD BOARD CHAIRMAN PRETZEL	
		US000012191036	

Milk production data	SK 10/2018	Herds	55	Daug.	184	Rel.	96 %	SPI	-116
Number controls		BV		Milk		Fat		rank	483.
3481				-77		2	0,08	Prot.	0,02
								SCS	2,62
								rank	147.

Type data	SHA 10/2018	Herds	18 / 13	Daug.	49	75,9	Rel.	77 %	TYPE	-0,87
								rank	751.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,02									
Angularity	-0,46									
Chest Width	-1,61									
Body Depth	-1,72									
Rump Angle	-0,73									
Rear Legs Side View	-0,05									
Foot Angle	0,79									
Fore Udder Attachment	-0,17									
Front Teat Placement	-0,90									
Teat Length	0,10									
Rear Udder Height	-0,17									
Rear Udder Width	-0,11									
Central Ligament	-1,94									
Udder Depth	-0,34									
Rump Width	0,17									
Rear Legs Rear View	-0,14									
Rear Teat Placement	-0,73									
Locomotion	-0,17									
Body Condition	0,21									

daught. average

77,6	Frame	-0,66
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72,6	Dairy Strength	-1,78
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77,6	Feet & Legs	0,63
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76,0	Udder	-0,69
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	SHI	-38,2
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rank 626.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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Bull name	Registration number	Birth date	State Register
LONG-HAVEN SAMBO-ET	US000002129064	28.02.1990	BS-013
Country of origin	US	Breed	H100
Distributor	Kanada	Herdbook	HA
		Paternity	

Pedigree

Sire	PGS	CAL-CLARK BOARD CHAIRMAN
TO-MAR BLACKSTAR-ET		US000001723741
US000001929410	PGD	TO-MAR WAYNE HAY
CHR-002		US000009804790
Dam	MGS	ROCKALLI SON OF BOVA
LONG-HAVEN BOVA SAMARA-ET		US000001665634
US000012040197	MGD	LONG-HAVEN VALIANT SALLY
		US000010688755

Milk production data	SK 10/2018	Herds	161	Daug.	3058	Rel.	99 %	SPI	-166
Number controls		BV		Milk		Fat		rank	492.
60339				144		-7	-0,24	Prot.	-3
								SCS	3,33
								rank	991.

Type data	SHA 10/2018	Herds	63 / 30	Daug.	348	77,0	Rel.	96 %	TYPE	-0,87
								rank	752.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-1,23									
Angularity	1,14									
Chest Width	-0,75									
Body Depth	-0,45									
Rump Angle	0,72									
Rear Legs Side View	1,63									
Foot Angle	-2,01									
Fore Udder Attachment	-0,10									
Front Teat Placement	0,67									
Teat Length	-0,55									
Rear Udder Height	0,63									
Rear Udder Width	0,45									
Central Ligament	-1,12									
Udder Depth	-0,92									
Rump Width	0,24									
Rear Legs Rear View	-1,16									
Rear Teat Placement	1,80									
Locomotion	-2,22									
Body Condition	-1,20									

daught. average

78,8	Frame	-1,19
76,2	Dairy Strength	1,13
76,8	Feet & Legs	-2,84
76,6	Udder	0,05
	SHI	-39,9
	rank	635.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
SUMMERSHADE B CONTRIBUTOR-ET	CA000006487230	29.04.1996	BW-011

Country of origin	CA	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	18.09.1996
		CAN	379185

Pedigree

Sire	PGS	ARLINDA MELWOOD-ET
MAIZEFIELD BELLWOOD-ET		US000001879149
US000002103297	PGD	BREN-WAY BELL BETSY
MEW-004		US000012052401
Dam	MGS	SINGING-BROOK N-BOY MASCOT-ET
SUMMERSHADE ILENE SCOT-ET		US000002020049 NBY-011
CA000005619306	MGD	SUMMERSHADE IRENA STAR-ET
		CA000005156551

Milk production data	SK 10/2018	Herds	111	Daug.	2194	Rel.	99 %	SPI	229
Number controls		BV		Milk		Fat	%	Prot.	%
40980				76		0	-0,06	2	-0,02
								SCS	3,44
								rank	417.
								rank	1089.

Type data	SHA 10/2018	Herds	54 / 20	Daug.	460	77,7	Rel.	97 %	TYPE	-0,88
									rank	753.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,56									
Angularity	0,41									
Chest Width	-1,13									
Body Depth	-0,60									
Rump Angle	1,36									
Rear Legs Side View	2,33									
Foot Angle	-0,21									
Fore Udder Attachment	-0,95									
Front Teat Placement	0,39									
Teat Length	1,01									
Rear Udder Height	0,35									
Rear Udder Width	1,07									
Central Ligament	-0,46									
Udder Depth	-1,32									
Rump Width	-1,02									
Rear Legs Rear View	-1,88									
Rear Teat Placement	0,62									
Locomotion	-0,43									
Body Condition	-1,35									

daught. average	79,7	Frame	-0,94
	78,3	Dairy Strength	-0,27
	77,1	Feet & Legs	-1,27
	76,6	Udder	-0,23
		SHI	-28,2
		rank	583.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
RANSOM	DE000113064850	02.03.2001	MOR-011
Country of origin	DE	Breed	R100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	28.01.2002
		DEU	02/1611

Pedigree

Sire	PGS	MR HURL-THREE MOMENTUM RED-ET
RAINBOW-ET		US000002041332
US000002260994	PGD	MISS RAINBOW LMAN 616-ET
		US000014373103
Dam	MGS	BROOKNOOK MILESTONE-ET RED
VANELLE 172		CA000000400985
DE000110022365	MGD	RIBIS
		DE000109920119

Milk production data	SK 10/2018	Herds	27	Daug.	75	Rel.	91 %	SPI	-1083
Number controls		BV		Milk	Fat	%	Prot.	%	rank
1637				-502	10	0,58	-10	0,12	SCS
									rank
									710.
									2,40
									rank
									45.

Type data	SHA 10/2018	Herds	7 / 4	Daug.	22	76,8	Rel.	61 %	TYPE	-0,89
									rank	754.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-1,37									
Angularity	-0,18									
Chest Width	-0,25									
Body Depth	-0,24									
Rump Angle	-0,78									
Rear Legs Side View	0,47									
Foot Angle	0,14									
Fore Udder Attachment	0,45									
Front Teat Placement	-0,86									
Teat Length	-1,56									
Rear Udder Height	-0,03									
Rear Udder Width	0,09									
Central Ligament	-1,99									
Udder Depth	-0,61									
Rump Width	0,29									
Rear Legs Rear View	0,34									
Rear Teat Placement	-1,04									
Locomotion	-0,13									
Body Condition	0,36									

daught. average

77,7	Frame	-1,30
77,1	Dairy Strength	-0,39
79,0	Feet & Legs	-0,42
75,5	Udder	-0,32
	SHI	-68,2
	rank	723.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

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Bull name	Registration number	Birth date	State Register
ABRAHAM CUTIES MARK LANDO-ET	SK000000204854	29.12.1995	ED-001
Country of origin	SK	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	19.12.1996
		SVK	0220/20

Pedigree

Sire	PGS	WALKWAY CHIEF MARK
OSDEL-ENDEAVOR CUTIES MARK-ET		US000001773417
US000002009164	PGD	RYND-HOME VALIANT CUTIE
WLK-016		US000011268725
Dam	MGS	OSDEL-ENDEAVOR BOVA CUBBY
ABS GEN CUBBY KALLIOPE-ET		US000001986164
US000015030424	MGD	CARROUSEL KARO-ET
		US000013972702

Milk production data	SK 10/2018	Herds	33	Daug.	106	Rel.	93 %	SPI	-457
Number controls		BV		Milk		Fat	%	Prot.	%
2060				31		-6	-0,15	-5	-0,14
								SCS	3,37
								rank	555.
								rank	1032.

Type data	SHA 10/2018	Herds	9 / 8	Daug.	16	75,8	Rel.	60 %	TYPE	-0,89
									rank	755.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-2,04									
Angularity	0,17									
Chest Width	0,97									
Body Depth	2,03									
Rump Angle	-1,96									
Rear Legs Side View	1,76									
Foot Angle	-1,76									
Fore Udder Attachment	-1,46									
Front Teat Placement	-0,90									
Teat Length	1,40									
Rear Udder Height	-0,67									
Rear Udder Width	0,76									
Central Ligament	-1,28									
Udder Depth	-1,28									
Rump Width	1,13									
Rear Legs Rear View	1,21									
Rear Teat Placement	-1,31									
Locomotion	-0,14									
Body Condition	-0,25									

daught. average

77,3	Frame	-1,40
76,5	Dairy Strength	1,00
72,5	Feet & Legs	-1,06
76,3	Udder	-0,45
	SHI	-49,6
	rank	662.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

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Bull name	Registration number	Birth date	State Register
NATAN CHESAPEAKE	HU003000656183	25.07.1994	CAK-001
Country of origin	HU	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	18.10.1994
		HUN	21365/94

Pedigree

Sire	PGS	WALKWAY CHIEF MARK
BUSHY PARK CHESAPEAKE TWIN		US000001773417
US000002055652	PGD	TERRA-VIEW ROTATE STARLET
		US000011279512
Dam	MGS	GERLA JASON
DEL		HU000000011415
HU000601006413	MGD	DEL
		HU000601004807

Milk production data	SK 10/2018	Herds	25	Daug.	478	Rel.	98 %	SPI	1569
Number controls		BV		Milk		Fat	%	rank	165.
10613				454		19	0,01	SCS	2,64
								rank	158.

Type data	SHA 10/2018	Herds	7 / 5	Daug.	26	77,2	Rel.	73 %	TYPE	-0,91
								rank	756.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,94									
Angularity	-1,95									
Chest Width	1,78									
Body Depth	1,02									
Rump Angle	0,72									
Rear Legs Side View	0,08									
Foot Angle	0,54									
Fore Udder Attachment	-1,62									
Front Teat Placement	-1,34									
Teat Length	-0,44									
Rear Udder Height	-1,92									
Rear Udder Width	-0,47									
Central Ligament	0,84									
Udder Depth	-1,81									
Rump Width	0,63									
Rear Legs Rear View	-0,88									
Rear Teat Placement	-1,15									
Locomotion	-0,00									
Body Condition	0,95									

daught. average

80,7	Frame	-0,23
76,5	Dairy Strength	-1,09
77,9	Feet & Legs	0,31
75,6	Udder	-1,20
	SHI	10,9
	rank	418.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

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Bull name	Registration number	Birth date	State Register
JONETT	DE000113649052	20.03.2002	CES-007
Country of origin	DE	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	06.09.2002
		DEU	02/33842

Pedigree

Sire	PGS	ETAZON CELSIUS-ET
PAULO-BRO CEL JASPER-ET		NL000460508522
US000017012860	PGD	GCL BLACKSTAR JACKIE-ET
		US000014067501
Dam	MGS	ESQUIMAU
WENCKE		FR002989026154
DE000110065251	MGD	RODESIO
		DE000107740925

Milk production data	SK 10/2018	Herds	43	Daug.	99	Rel.	93 %	SPI	-1333
Number controls		BV		Milk		Fat	%	Prot.	%
2060				-269		-7	0,05	-12	-0,08
								SCS	2,76
								rank	762.
								rank	249.

Type data	SHA 10/2018	Herds	7 / 7	Daug.	10	77,8	Rel.	51 %	TYPE	-0,92
									rank	757.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-2,55									
Angularity	-0,31									
Chest Width	-0,22									
Body Depth	-0,90									
Rump Angle	-2,36									
Rear Legs Side View	-0,17									
Foot Angle	-0,28									
Fore Udder Attachment	0,37									
Front Teat Placement	0,73									
Teat Length	-0,70									
Rear Udder Height	-0,74									
Rear Udder Width	-1,59									
Central Ligament	0,32									
Udder Depth	0,72									
Rump Width	-0,40									
Rear Legs Rear View	1,10									
Rear Teat Placement	-0,26									
Locomotion	1,08									
Body Condition	-0,77									

daught. average

77,9	Frame	-2,58
77,7	Dairy Strength	-0,58
79,5	Feet & Legs	0,24
77,1	Udder	0,12
	SHI	-77,0
	rank	752.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

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Bull name	Registration number	Birth date	State Register
STARTMORE ROYALIST-ET	CA000005470562	25.06.1991	ARS-018

Country of origin	CA	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	12.12.1991
		CAN	263486

Pedigree

Sire	PGS	HANOVERHILL STARBUCK
MADAWASKA AEROSTAR		CA000000352790
CA000000383622	PGD	MADAWASKA SHADY
STB-011		CA0000003511527
Dam	MGS	BUTLERVIEW MATTADOR
STARTMORE RACHELLE-ET		CA000000347993
CA0000004324253	MGD	STARTMORE CHANEL- ET
		CA0000003602443

Milk production data	SK 10/2018	Herds	115	Daug.	2009	Rel.	99 %	SPI	-538
Number controls		BV		Milk		Fat		rank	579.
41119				-122		-6	-0,03	SCS	3,41
						-3	0,00	rank	1061.

Type data	SHA 10/2018	Herds	56 / 20	Daug.	286	76,7	Rel.	95 %	TYPE	-0,92
								rank	758.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,58									
Angularity	0,73									
Chest Width	-0,95									
Body Depth	-0,41									
Rump Angle	0,89									
Rear Legs Side View	-0,61									
Foot Angle	-1,83									
Fore Udder Attachment	-1,01									
Front Teat Placement	-0,23									
Teat Length	0,94									
Rear Udder Height	0,49									
Rear Udder Width	-0,33									
Central Ligament	-1,46									
Udder Depth	-0,70									
Rump Width	-1,94									
Rear Legs Rear View	0,43									
Rear Teat Placement	-1,43									
Locomotion	0,42									
Body Condition	0,05									

daught. average

78,3	Frame	-0,94
75,6	Dairy Strength	0,53
77,1	Feet & Legs	-1,13
76,2	Udder	-0,74
	SHI	-53,2
	rank	674.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

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Bull name	Registration number	Birth date	State Register
NENOX	SK008395981802	29.08.1981	NX-091
Country of origin	SK	Breed	H62,5 S25,0
Distributor	Slovensko	Herdbook	HC
		Paternity	..

Pedigree

Sire	PGS	DOWNALANE REFLECTION EMPEROR
HIGH POINT EMPEROR,KEN		CA000000282293
CA000000329659	PGD	HIGH POINT KAREN,ALERT
NX-035		CA000002403365
Dam	MGS	NEGATIV
SK000083959802		CZ002775970401
	MGD	SK000064535802
		NGI-003

Milk production data	SK 10/2018	Herds	71	Daug.	880	Rel.	99 %	SPI	-3123
Number controls		BV		Milk	Fat	%	Prot.	%	rank
13981				-746	-27	0,02	-21	0,05	SCS
									rank
									1155.
									1068.

Type data	SHA 10/2018	Herds	7 / 3	Daug.	393	73,6	Rel.	96 %	TYPE	-0,93
									rank	759.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,40									
Angularity	-1,51									
Chest Width	-0,05									
Body Depth	-0,91									
Rump Angle	0,06									
Rear Legs Side View	-0,12									
Foot Angle	-0,23									
Fore Udder Attachment	-0,00									
Front Teat Placement	-0,54									
Teat Length	0,50									
Rear Udder Height	-1,13									
Rear Udder Width	-0,31									
Central Ligament	-0,35									
Udder Depth	-0,16									
Rump Width	-0,95									
Rear Legs Rear View	0,21									
Rear Teat Placement	-1,09									
Locomotion	-0,42									
Body Condition	1,82									

daught. average

74,9	Frame	-0,45
69,1	Dairy Strength	-2,05
74,5	Feet & Legs	0,42
74,6	Udder	-0,64
	SHI	-131,3
	rank	831.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

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Bull name	Registration number	Birth date	State Register
HIDDINK TINTO	NL000232124417	09.08.1998	YVA-002
Country of origin	NL	Breed	R100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	..

Pedigree

Sire	PGS	MADAWASKA AEROSTAR
ETAZON YAVA		CA000000383622
NL000832126121	PGD	GRANDUC SUGAR CLEIT-ET
		US000014387822
		STB-011
Dam	MGS	MARTY RED-ET
HIDDINK TULIPE 20		NL000959580420
NL000142897157	MGD	HIDDINK TULIPE 8
		NL000774796291

Milk production data	SK 10/2018	Herds	52	Daug.	123	Rel.	94 %	SPI	-1495
Number controls		BV		Milk		Fat	%	rank	811.
2648				-557	7	0,58	-14	SCS	2,81
							0,07	rank	321.

Type data	SHA 10/2018	Herds	7 / 4	Daug.	17	76,1	Rel.	54 %	TYPE	-0,93
								rank	760.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,34									
Angularity	-1,35									
Chest Width	2,99									
Body Depth	1,54									
Rump Angle	1,72									
Rear Legs Side View	-0,33									
Foot Angle	-0,34									
Fore Udder Attachment	-2,19									
Front Teat Placement	-0,44									
Teat Length	-0,76									
Rear Udder Height	-2,03									
Rear Udder Width	-0,78									
Central Ligament	-0,76									
Udder Depth	-1,80									
Rump Width	0,65									
Rear Legs Rear View	-2,35									
Rear Teat Placement	-0,72									
Locomotion	-0,22									
Body Condition	1,40									

daught. average

80,9	Frame	1,37
76,3	Dairy Strength	0,02
75,9	Feet & Legs	-0,87
73,6	Udder	-1,89
	SHI	-82,3
	rank	765.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

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Bull name	Registration number	Birth date	State Register
ABRAHAM BENCHMARK MARSH-ET	SK00000211854	25.01.1996	BEK-006
Country of origin	SK	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	27.01.1997
		SVK	0221/03

Pedigree

Sire	PGS	ARLINDA MELWOOD-ET
SINGING-BROOK BENCHMARK-ET		US000001879149
US000002078290	PGD	PACLAMAR MARIETTA BOWS
MEW-001		US000012178426
Dam	MGS	SINGING-BROOK N-BOY MASCOT-ET
VIEW-NU MASCOT JENNY-ET		US000002020049
US000014828808	MGD	EAGLE-D MISS JENNA-ET
		US000013835547

Milk production data	SK 10/2018	Herds	304	Daug.	4189	Rel.	99 %	SPI	-490
Number controls		BV		Milk		Fat		rank	565.
81220				-275		13	0,46	SCS	2,91
						-7	0,02	rank	439.

Type data	SHA 10/2018	Herds	76 / 35	Daug.	342	77,2	Rel.	96 %	TYPE	-0,93
								rank	761.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,35									
Angularity	-0,73									
Chest Width	0,93									
Body Depth	0,55									
Rump Angle	0,81									
Rear Legs Side View	1,03									
Foot Angle	-0,68									
Fore Udder Attachment	-2,03									
Front Teat Placement	-1,98									
Teat Length	0,98									
Rear Udder Height	-1,27									
Rear Udder Width	-1,01									
Central Ligament	0,46									
Udder Depth	-1,28									
Rump Width	1,01									
Rear Legs Rear View	0,71									
Rear Teat Placement	-1,14									
Locomotion	-0,48									
Body Condition	0,01									

daught. average

81,3	Frame	0,62
77,7	Dairy Strength	-0,35
77,2	Feet & Legs	-0,92
74,8	Udder	-1,82
	SHI	-52,0
	rank	672.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

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Bull name	Registration number	Birth date	State Register
DRH GORBI	DK000000044490	01.01.2004	GLD-001
Country of origin	DK	Breed	R100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	19.05.2004
		DNK	245823

Pedigree

Sire	PGS	GOLDIE RED
GOLDSTAR		NL000706570603
DE000577745977	PGD	LARISSA
		DE000576142141
Dam	MGS	SUBLIEM TULIP RED
		NL000815222426
DK003916101244	MGD	DK003881800788

NIK-001

Milk production data	SK 10/2018	Herds	28	Daug.	124	Rel.	94 %	SPI	114
Number controls		BV		Milk		Prot.		rank	439.
2629				-228	9	0,33	3	SCS	3,16
								rank	766.

Type data	SHA 10/2018	Herds	5 / 3	Daug.	18	78,4	Rel.	54 %	TYPE	-0,94
								rank	762.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-1,71									
Angularity	-0,07									
Chest Width	-0,29									
Body Depth	0,82									
Rump Angle	0,08									
Rear Legs Side View	0,13									
Foot Angle	-1,03									
Fore Udder Attachment	-0,01									
Front Teat Placement	-0,16									
Teat Length	-0,49									
Rear Udder Height	0,16									
Rear Udder Width	0,54									
Central Ligament	0,14									
Udder Depth	-0,80									
Rump Width	-1,42									
Rear Legs Rear View	-0,08									
Rear Teat Placement	0,38									
Locomotion	-0,13									
Body Condition	0,43									

daught. average

79,9	Frame	-1,65
80,6	Dairy Strength	0,17
79,4	Feet & Legs	-0,88
75,8	Udder	-0,57
	SHI	-34,2
	rank	600.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

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Bull name	Registration number	Birth date	State Register
BLUES-ET	DE001015211474	08.01.1992	BS-001
Country of origin	DE	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	24.08.1992
		DEU	92/10024

Pedigree

Sire	PGS	CAL-CLARK BOARD CHAIRMAN
TO-MAR BLACKSTAR-ET		US000001723741
US000001929410	PGD	TO-MAR WAYNE HAY
CHR-002		US000009804790
Dam	MGS	ARLINDA CINAMENT-ET
BIRTE		US000001785943
DE001015074807	MGD	BIRGIT
		DE001004515471

Milk production data	SK 10/2018	Herds	99	Daug.	758	Rel.	99 %	SPI	-2906
Number controls		BV		Milk		Fat	%	rank	1113.
14294				-664	-25	0,01	-20	SCS	3,37
								rank	1026.

Type data	SHA 10/2018	Herds	7 / 6	Daug.	30	76,2	Rel.	79 %	TYPE	-0,95
									rank	763.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,42									
Angularity	-0,80									
Chest Width	1,32									
Body Depth	1,45									
Rump Angle	-1,86									
Rear Legs Side View	0,03									
Foot Angle	-0,09									
Fore Udder Attachment	-0,36									
Front Teat Placement	-0,47									
Teat Length	-0,25									
Rear Udder Height	-2,02									
Rear Udder Width	-1,49									
Central Ligament	-0,86									
Udder Depth	-0,02									
Rump Width	0,33									
Rear Legs Rear View	-0,86									
Rear Teat Placement	-1,39									
Locomotion	-1,21									
Body Condition	0,12									

daught. average

78,0	Frame	0,00
73,5	Dairy Strength	0,21
76,4	Feet & Legs	-1,15
76,4	Udder	-1,23
	SHI	-125,5
	rank	825.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
LOVER BOY	NL000406555403	20.08.1995	ELE-001
Country of origin	NL	Breed	R100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	05.11.1996
		NLD	139759147

Pedigree

Sire	PGS	MEADOLAKE JUBILANT-ET
ETAZON LOVING ERK		CA000000376455
NL000461249824	PGD	JAY-MAR BELL BUTTERCUP
		US000011394511
Dam	MGS	SHADY-LAWN-U LOGIC RED-ET
ROSALIE 3		US000002034426
NL000861802438	MGD	LEADMAN ROSALIE
		US000014268196

Milk production data	SK 10/2018	Herds	210	Daug.	4495	Rel.	99 %	SPI	-1666
Number controls		BV		Milk		Fat		rank	854.
91471				-548		-9	0,23	SCS	2,95
						-10	0,16	rank	492.

Type data	SHA 10/2018	Herds	30 / 13	Daug.	170	76,7	Rel.	92 %	TYPE	-0,95
								rank	764.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,12									
Angularity	-0,98									
Chest Width	-0,22									
Body Depth	-0,94									
Rump Angle	-0,88									
Rear Legs Side View	-0,35									
Foot Angle	1,05									
Fore Udder Attachment	0,15									
Front Teat Placement	-2,02									
Teat Length	0,72									
Rear Udder Height	-1,28									
Rear Udder Width	-2,24									
Central Ligament	-0,86									
Udder Depth	1,14									
Rump Width	0,41									
Rear Legs Rear View	0,47									
Rear Teat Placement	-1,73									
Locomotion	0,67									
Body Condition	0,20									

daught. average

80,2	Frame	0,01
77,0	Dairy Strength	-1,51
78,4	Feet & Legs	0,86
73,9	Udder	-1,61
	SHI	-88,4
	rank	779.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
RENALDO-ET	LU001090317339	01.12.1996	RAI-001

Country of origin	LU	Breed	R100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	30.10.1997
		NLD	201500174

Pedigree

Sire	PGS	HANOVER-HILL INSPIRATION
HANOVERHILL RENAISSANCE		CA000000363162
CA000000401794		IS-003
IS-009	PGD	HANOVERHILL STAR ROYAL ET
		CA0000004323541
Dam	MGS	GLENAFTON ENHANCER
DUTCHGLEN CARLA-ET RED		CA000000343514
CA0000004198644	MGD	DUTCHGLEN CHIEFTESS
		CA0000002718568

Milk production data	SK 10/2018	Herds	41	Daug.	104	Rel.	94 %	SPI	-1776
Number controls		BV		Milk		Fat	%	Prot.	%
2187				-248	-20	-0,22	-14	-0,14	
								SCS	3,21
								rank	877.
								rank	827.

Type data	SHA 10/2018	Herds	5 / 4	Daug.	13	75,8	Rel.	47 %	TYPE	-0,96
									rank	765.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,10									
Angularity	1,13									
Chest Width	-1,31									
Body Depth	-0,92									
Rump Angle	0,72									
Rear Legs Side View	-0,19									
Foot Angle	0,22									
Fore Udder Attachment	-0,63									
Front Teat Placement	-1,61									
Teat Length	-0,85									
Rear Udder Height	-0,49									
Rear Udder Width	0,68									
Central Ligament	-1,62									
Udder Depth	-0,11									
Rump Width	0,71									
Rear Legs Rear View	-1,43									
Rear Teat Placement	-0,56									
Locomotion	-0,65									
Body Condition	-0,30									

daught. average

78,4	Frame	-0,37
75,5	Dairy Strength	-0,03
76,9	Feet & Legs	-0,75
74,1	Udder	-1,13
	SHI	-91,8
	rank	784.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
HILBERT	DE000002191919	04.12.1983	TEL-002
Country of origin	DE	Breed	R50,0 M50,0
Distributor	Bio služba s.r.o.	Herdbook	HD
		Paternity	..

Pedigree

Sire	PGS	HANOVER-HILL TRIPLE THREAT-RED
E-D THOR-RED		US000001629391
US000000012040	PGD	E-D THORGY
		NL000018020853
Dam	MGS	ULPT
DOLINE		DE0000000004737
DE000001337796	MGD	DOLLI
		DE000001050457

Milk production data	SK 10/2018	Herds	30	Daug.	114	Rel.	97 %	SPI	-3627
Number controls		BV		Milk		Prot.		rank	1260.
2240				-914	-31	0,07	-23	SCS	3,41
								rank	1062.

Type data	SHA 10/2018	Herds	6 / 4	Daug.	65	71,6	Rel.	79 %	TYPE	-0,96
								rank	766.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-1,87									
Angularity	-1,55									
Chest Width	1,34									
Body Depth	1,20									
Rump Angle	-0,11									
Rear Legs Side View	0,20									
Foot Angle	-0,02									
Fore Udder Attachment	-0,66									
Front Teat Placement	0,30									
Teat Length	-1,38									
Rear Udder Height	-0,40									
Rear Udder Width	-0,18									
Central Ligament	-1,63									
Udder Depth	-0,74									
Rump Width	1,62									
Rear Legs Rear View	-0,08									
Rear Teat Placement	-1,18									
Locomotion	-0,09									
Body Condition	2,50									

daught. average

68,9 **Frame** **-0,92**

68,4 **Dairy Strength** **-0,70**

74,2 **Feet & Legs** **-0,53**

73,3 **Udder** **-0,67**

SHI **-147,8**

rank 847.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
COGENT FABIAN-ET	GB000000581950	18.04.1996	CES-008
Country of origin	GB	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	20.02.1997
		GBR	V50973

Pedigree

Sire	PGS	HOW-EL-ACRES KIRK BELLMAN-ET
ETAZON CELSIUS-ET		US000001874634
NL000460508522	PGD	WEA-LAND BELL ELLA
		US000012105357
Dam	MGS	SINGING-BROOK N-BOY MASCOT-ET
KOLHORNER FRONA 13		US000002020049
NL000796713832	MGD	KOLHORNER ETAZON FRONA
		NL000413315913

Milk production data	SK 10/2018	Herds	12	Daug.	47	Rel.	86 %	SPI	864
Number controls		BV		Milk	Fat	%	Prot.	%	rank
903				232	-2	-0,21	9	0,04	SCS
									rank
									1081.

Type data	SHA 10/2018	Herds	9 / 5	Daug.	28	77,8	Rel.	67 %	TYPE	-0,96
									rank	767.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,77									
Angularity	2,36									
Chest Width	-2,66									
Body Depth	-1,80									
Rump Angle	-0,68									
Rear Legs Side View	2,24									
Foot Angle	-0,83									
Fore Udder Attachment	-0,50									
Front Teat Placement	-0,51									
Teat Length	1,43									
Rear Udder Height	-0,66									
Rear Udder Width	1,04									
Central Ligament	-0,77									
Udder Depth	-1,10									
Rump Width	-1,59									
Rear Legs Rear View	0,47									
Rear Teat Placement	0,07									
Locomotion	-0,17									
Body Condition	-1,81									

daught. average

78,3	Frame	-1,66
79,4	Dairy Strength	0,31
77,8	Feet & Legs	-0,36
76,7	Udder	-0,32
	SHI	-12,5
	rank	518.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
SH SURANY MICA BARON ET	SK000070477858	08.03.1997	MIC-002
Country of origin SK		Breed	H100
Distributor		Herdbook	HA
		Paternity	

Pedigree

Sire	PGS	ARLINDA MELWOOD-ET
CMV MICA-ET		US000001879149
US000002125714	PGD	BRIARPATCH-R MISTY-ET
		US000012882374
Dam	MGS	OSDEL-ENDEAVOR BOVA CUBBY
PAULO-BRO CUB KANDI,4355-ET		US000001986164 BA-002
US000015023807	MGD	GLC BLACKSTAR,KANDACE-ET
		US000013877453

Milk production data	SK 10/2018	Herds	46	Daug.	114	Rel.	94 %	SPI	-1448
Number controls		BV		Milk		Fat		rank	796.
2198				-266		-8	0,04	SCS	2,85
						-14	-0,13	rank	361.

Type data	SHA 10/2018	Herds	12 / 10	Daug.	23	76,4	Rel.	64 %	TYPE	-0,97
								rank	768.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,57									
Angularity	-1,38									
Chest Width	1,47									
Body Depth	2,70									
Rump Angle	0,75									
Rear Legs Side View	1,99									
Foot Angle	1,38									
Fore Udder Attachment	-1,62									
Front Teat Placement	-1,87									
Teat Length	1,99									
Rear Udder Height	-1,20									
Rear Udder Width	-0,94									
Central Ligament	-1,71									
Udder Depth	-1,53									
Rump Width	0,44									
Rear Legs Rear View	0,56									
Rear Teat Placement	-1,59									
Locomotion	0,31									
Body Condition	-0,79									

daught. average

80,2	Frame	0,28
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75,8	Dairy Strength	0,02
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78,7	Feet & Legs	1,20
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73,6	Udder	-2,38
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	SHI	-82,4
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rank 766.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
RAGUNO-ET	DE000579837321	10.01.2003	RUD-007
Country of origin	DE	Breed	R100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	02.05.2003
		DEU	03/36529

Pedigree

Sire	PGS	RUDI	
RUBENS		DE000609695599	RY-001
DE000577182316	PGD	WS ARKTIS	
		DE000576424318	
Dam	MGS	RON-NAN MARIO-RED-ET	
DALINE-RE 3		US000002244521	MOR-006
DE000578947350	MGD	DIVA 99	
		DE000577716383	

Milk production data	SK 10/2018	Herds	27	Daug.	78	Rel.	91 %	SPI	-820
Number controls		BV		Milk	Fat	%	Prot.	%	rank
1502				-256	0	0,19	-7	0,01	SCS
									rank
									643.
									68.

Type data	SHA 10/2018	Herds	6 / 4	Daug.	15	76,9	Rel.	55 %	TYPE	-0,98
									rank	769.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,75									
Angularity	0,50									
Chest Width	-1,33									
Body Depth	-0,91									
Rump Angle	1,08									
Rear Legs Side View	-0,26									
Foot Angle	0,08									
Fore Udder Attachment	0,18									
Front Teat Placement	-0,68									
Teat Length	-1,21									
Rear Udder Height	-0,68									
Rear Udder Width	-0,25									
Central Ligament	-0,31									
Udder Depth	-0,15									
Rump Width	-0,03									
Rear Legs Rear View	-0,73									
Rear Teat Placement	1,17									
Locomotion	-0,24									
Body Condition	-0,68									

daught. average	78,5	Frame	-1,33
	78,3	Dairy Strength	-0,14
	77,1	Feet & Legs	-0,26
	75,2	Udder	-0,74
		SHI	-63,7
		rank	705.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
HY-PINE DUTCH SCORE-ET	US000128016846	25.06.1999	TAG-004
Country of origin	US	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	15.11.2004
		USA	IMMGN9525A

Pedigree

Sire	PGS	CURTMAID EMERALD TARGET
B-Y-U FINAL SCORE-ET		US000002030882
US000002214963	PGD	INTERGEN-I SECRET SONATA-ET
		US000013508960
Dam	MGS	BAYVILLE ETHAN-ET
HY-PINE-DUFF ETHAN		US000002052239
US000015407065	MGD	CRISLY BLACKSTAR BUFF-105
		US000014376733

Milk production data	SK 10/2018	Herds	102	Daug.	2276	Rel.	99 %	SPI	669
Number controls		BV		Milk		Fat		rank	336.
45162				285		-1	-0,38	8	-0,02
								SCS	3,76
								rank	1242.

Type data	SHA 10/2018	Herds	67 / 20	Daug.	513	78,1	Rel.	97 %	TYPE	-0,98
								rank	770.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,54									
Angularity	0,66									
Chest Width	-0,70									
Body Depth	-1,91									
Rump Angle	0,43									
Rear Legs Side View	1,85									
Foot Angle	-0,90									
Fore Udder Attachment	0,23									
Front Teat Placement	0,73									
Teat Length	-1,45									
Rear Udder Height	-0,60									
Rear Udder Width	-1,36									
Central Ligament	0,45									
Udder Depth	-0,23									
Rump Width	-0,70									
Rear Legs Rear View	0,14									
Rear Teat Placement	1,12									
Locomotion	-1,54									
Body Condition	-0,98									

daught. average

81,5	Frame	-0,76
79,1	Dairy Strength	-0,29
77,0	Feet & Legs	-1,69
76,4	Udder	-0,42
	SHI	-19,0
	rank	550.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
GRANDUC ROCKY-ET	CA000005155937	07.05.1990	JUB-010
Country of origin	CA	Breed	R100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	05.09.1990
		CAN	227267

Pedigree

Sire	PGS	HANOVER-HILL TRIPLE THREAT-RED
MEADOLAKE JUBILANT-ET		US000001629391
CA000000376455	PGD	CASS RIDGE R MAPLE JAZZ
		CA000003003616
Dam	MGS	GLENAFTON ENHANCER
DUTCHGLEN CHIEFTESS-ET-RED		CA000000343514
CA000004247957	MGD	DUTCHGLEN CHIEFTESS
		CA000002718568

Milk production data	SK 10/2018	Herds	78	Daug.	565	Rel.	99 %	SPI	-2601
Number controls		BV		Milk		Fat		rank	1054.
11544				-741		-13	0,33	SCS	3,31
						-19	0,09	rank	957.

Type data	SHA 10/2018	Herds	11 / 8	Daug.	43	75,5	Rel.	74 %	TYPE	-1,00
								rank	771.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,83									
Angularity	-1,61									
Chest Width	0,66									
Body Depth	1,33									
Rump Angle	-1,15									
Rear Legs Side View	1,16									
Foot Angle	-0,69									
Fore Udder Attachment	-0,34									
Front Teat Placement	-0,61									
Teat Length	-1,18									
Rear Udder Height	-0,01									
Rear Udder Width	1,53									
Central Ligament	-0,23									
Udder Depth	-0,72									
Rump Width	0,46									
Rear Legs Rear View	0,52									
Rear Teat Placement	-1,13									
Locomotion	0,23									
Body Condition	0,78									

daught. average

78,7	Frame	-0,57
72,1	Dairy Strength	-1,28
76,3	Feet & Legs	-1,01
75,2	Udder	-0,50
	SHI	-118,6
	rank	817.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
LAMERO	DE000579291935	30.03.2001	LU-021
Country of origin	DE	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	29.05.2001
		DEU	01/6918

Pedigree

Sire	PGS	NORRIELAKE CLEITUS LUKE-TWIN
LADIN		US000002071864
DE000102650777	PGD	SIERRA
		DE000108319562
Dam	MGS	SOUTHWIND BELL OF BAR-LEE
BARONES 37		US000001964484
DE000576534102	MGD	BAHAMA TL
		DE000505999997

Milk production data	SK 10/2018	Herds	29	Daug.	72	Rel.	90 %	SPI	-136
Number controls		BV		Milk		Fat	%	Prot.	%
1362				62		-1	-0,07	-3	-0,11
								rank	485.
								SCS	3,09
								rank	677.

Type data	SHA 10/2018	Herds	9 / 7	Daug.	20	77,3	Rel.	58 %	TYPE	-1,02
									rank	772.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,95									
Angularity	-1,28									
Chest Width	0,14									
Body Depth	-1,24									
Rump Angle	1,02									
Rear Legs Side View	0,44									
Foot Angle	-0,30									
Fore Udder Attachment	-0,64									
Front Teat Placement	-0,74									
Teat Length	0,65									
Rear Udder Height	-1,39									
Rear Udder Width	-1,71									
Central Ligament	-0,21									
Udder Depth	-1,29									
Rump Width	0,38									
Rear Legs Rear View	-1,99									
Rear Teat Placement	-0,30									
Locomotion	-2,24									
Body Condition	-0,64									

daught. average

82,0	Frame	0,69
77,0	Dairy Strength	-1,45
76,3	Feet & Legs	-1,15
75,6	Udder	-0,84
	SHI	-44,9
		rank
		646.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
TIEDE 21	NL000316803986	10.08.1988	SEC-002
Country of origin	NL	Breed	H100
Distributor	Holstein, Holandsko	Herdbook	HA
		Paternity	02.12.1988
		NLD	018802281110

Pedigree

Sire	PGS	LOCUST-GLEN IVANHOE ELEVATION
THONYMA SECRET		US000001644629
US000001856904	PGD	THONYMA CONDUCTOR SCARLET
		US000010006578
Dam	MGS	WHITTIER-FARMS NED BOY
TINE 147		US000001806201
NL000314051103	MGD	TINE 115
		NL000308796678

Milk production data	SK 10/2018	Herds	65	Daug.	503	Rel.	99 %	SPI	-1915
Number controls		BV		Milk		Fat		rank	909.
9342				-503		-12	0,13	SCS	3,17
						-14	0,04	rank	783.

Type data	SHA 10/2018	Herds	20 / 11	Daug.	67	76,5	Rel.	86 %	TYPE	-1,02
								rank	773.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,87									
Angularity	-0,11									
Chest Width	-0,26									
Body Depth	-1,87									
Rump Angle	-1,37									
Rear Legs Side View	1,75									
Foot Angle	-1,53									
Fore Udder Attachment	-0,52									
Front Teat Placement	1,13									
Teat Length	-1,56									
Rear Udder Height	-1,16									
Rear Udder Width	-0,33									
Central Ligament	-0,19									
Udder Depth	0,29									
Rump Width	-0,24									
Rear Legs Rear View	2,36									
Rear Teat Placement	0,33									
Locomotion	1,23									
Body Condition	0,06									

daught. average

77,4	Frame	-1,21
75,1	Dairy Strength	-0,72
77,2	Feet & Legs	-0,29
76,3	Udder	-0,42
	SHI	-98,7
	rank	798.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
JORO-ET	DE001402401506	21.07.2004	JRD-002
Country of origin	DE	Breed	R100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	02.08.2004
		DE	04/3318

Pedigree

Sire	PGS	MERCY PRIDEAUX-ET US000002135113
JA-BOB JORDAN-RED-ET US000017378279	PGD	OHIANA MOM HANMAID-RED-ET US000015318707
Dam	MGS	STBVQ RUBENS-ET CA000005844883
IZE ROUL 01 FR005232470991	MGD	GALA ROUGE FR000891010301

Milk production data	SK 10/2018	Herds	36	Daug.	150	Rel.	95 %	SPI	-1199
Number controls	BV	Milk	Fat	%	Prot.	%	rank	734.	
3196		-328	-3	0,17	-10	-0,01	SCS	3,17	rank
							rank	777.	

Type data	SHA 10/2018	Herds	15 / 8	Daug.	61	77,9	Rel.	79 %	TYPE	-1,03
							rank	774.		

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,52									
Angularity	-1,76									
Chest Width	0,03									
Body Depth	0,14									
Rump Angle	1,74									
Rear Legs Side View	0,64									
Foot Angle	-0,77									
Fore Udder Attachment	1,16									
Front Teat Placement	0,90									
Teat Length	-1,74									
Rear Udder Height	0,33									
Rear Udder Width	-1,03									
Central Ligament	-1,22									
Udder Depth	1,39									
Rump Width	0,43									
Rear Legs Rear View	-1,15									
Rear Teat Placement	-0,32									
Locomotion	-1,30									
Body Condition	1,48									

daught. average

82,1	Frame	-0,38
77,9	Dairy Strength	-1,83
78,4	Feet & Legs	-1,22
75,6	Udder	-0,19
	SHI	-77,3
	rank	754.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
STARKENBORGH MASTER	NL000820245623	28.01.1993	MAS-013

Country of origin	NL	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	11.05.1994
		CSK	4446/01

Pedigree

Sire	PGS	WHITTIER-FARMS NED BOY
SINGING-BROOK N-BOY MASCOT-ET		US000001806201
US000002020049	PGD	JACKBUILT CHAIRMAN MANDY
NBY-011		US000011356580
Dam	MGS	RIPVALLEY NA BELL TROY-ET
ETAZON HOCKLEY		US000001882797
NL000459240404	MGD	PHEASANTS-PRIDE BELL,TRACIE
		US000011614497

Milk production data	SK 10/2018	Herds	59	Daug.	836	Rel.	99 %	SPI	470
Number controls		BV		Milk		Fat	%	Prot.	%
16836				118	3	-0,03	3	-0,01	
								SCS	3,30
								rank	365.
								rank	951.

Type data	SHA 10/2018	Herds	35 / 7	Daug.	262	77,3	Rel.	94 %	TYPE	-1,03
									rank	775.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,59									
Angularity	-0,70									
Chest Width	0,78									
Body Depth	-1,85									
Rump Angle	-2,01									
Rear Legs Side View	-1,00									
Foot Angle	1,14									
Fore Udder Attachment	-0,51									
Front Teat Placement	-0,31									
Teat Length	0,01									
Rear Udder Height	-1,17									
Rear Udder Width	-0,82									
Central Ligament	-1,62									
Udder Depth	0,07									
Rump Width	-0,06									
Rear Legs Rear View	-0,52									
Rear Teat Placement	-1,57									
Locomotion	0,56									
Body Condition	0,31									

daught. average	79,3	Frame	-0,72
	77,3	Dairy Strength	-1,05
	78,4	Feet & Legs	0,86
	75,7	Udder	-1,33
		SHI	-27,2
		rank	578.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
WARSTEINER-ET	DE00000564726	08.03.2001	CES-005
Country of origin	DE	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	21.05.2001
		DEU	01/8653

Pedigree

Sire	PGS	ETAZON CELSIUS-ET	
DELTA WEBSTER		NL000460508522	
NL000159659261	PGD	ETAZON MAONTRAY-ET	
		NL000461998375	
Dam	MGS	MAIZEFIELD BELLWOOD-ET	
VENEZUELA		US000002103297	MEW-004
DE000102857546	MGD	TAIGA	
		DE000101735803	

Milk production data	SK 10/2018	Herds	39	Daug.	89	Rel.	91 %	SPI	-171
Number controls		BV		Milk	Fat	%	Prot.	%	rank
1570				-162	10	0,29	-3	0,03	SCS
									rank
									1244.

Type data	SHA 10/2018	Herds	7 / 7	Daug.	15	77,8	Rel.	53 %	TYPE	-1,05
									rank	776.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,57									
Angularity	0,15									
Chest Width	-1,38									
Body Depth	-2,87									
Rump Angle	0,60									
Rear Legs Side View	1,73									
Foot Angle	-0,25									
Fore Udder Attachment	0,29									
Front Teat Placement	-1,47									
Teat Length	-0,98									
Rear Udder Height	-0,73									
Rear Udder Width	-0,72									
Central Ligament	-1,37									
Udder Depth	-0,37									
Rump Width	-0,42									
Rear Legs Rear View	-0,25									
Rear Teat Placement	-0,03									
Locomotion	0,53									
Body Condition	-0,83									

daught. average

81,5	Frame	-0,06
76,8	Dairy Strength	-1,53
78,3	Feet & Legs	0,02
76,3	Udder	-1,06
	SHI	-47,2
	rank	652.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
CAVEMAN RED	DE000576389629	11.04.1994	CNR-007
Country of origin	DE	Breed	R100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	

Pedigree

Sire	PGS	CA-LILL STANDOUT CAVALIER
HOWARD-HOME CAVEMAN-RED		US000001620273
US000001842371	PGD	HOWARD-HOME TRIPLE JAE RED
CRR-004		US000009613867
Dam	MGS	GLENAFTON ENHANCER
TANJA		CA000000343514
DE000505527700	MGD	TASSE 020
		DE001009476528

Milk production data	SK 10/2018	Herds	164	Daug.	1459	Rel.	99 %	SPI	-1940
Number controls		BV		Milk		Fat		rank	914.
29578				-454		-14	0,07	Prot.	%
								SCS	3,23
								rank	854.

Type data	SHA 10/2018	Herds	8 / 7	Daug.	17	76,3	Rel.	68 %	TYPE	-1,05
								rank	777.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-1,37									
Angularity	-0,24									
Chest Width	-0,34									
Body Depth	0,76									
Rump Angle	0,57									
Rear Legs Side View	1,24									
Foot Angle	-0,83									
Fore Udder Attachment	-0,97									
Front Teat Placement	-0,72									
Teat Length	0,60									
Rear Udder Height	0,17									
Rear Udder Width	-0,42									
Central Ligament	0,09									
Udder Depth	-0,04									
Rump Width	-1,76									
Rear Legs Rear View	-1,31									
Rear Teat Placement	-1,52									
Locomotion	-0,64									
Body Condition	0,62									

daught. average

75,6	Frame	-1,41
74,6	Dairy Strength	-0,04
76,8	Feet & Legs	-1,68
77,5	Udder	0,06
	SHI	-100,6
	rank	802.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
SFL BOOTPEG SW BELMONT-ET	US000002155633	10.02.1991	BEL-017
Country of origin	US	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	02.09.1991
		USA	IG159796E

Pedigree

Sire	PGS	CARLIN-M IVANHOE BELL
SOUTHWIND BELL OF BAR-LEE		US000001667366
US000001964484	PGD	SOUTHWIND VALIANT NAOMA-ET
BEL-001		US000011489023
Dam	MGS	WALKWAY CHIEF MARK
PRICES BOOTPEG BESS		US000001773417
US000012787738	MGD	PRICES VALIANTS BESS-ET
		US000011810625

Milk production data	SK 10/2018	Herds	59	Daug.	430	Rel.	98 %	SPI	227
Number controls		BV		Milk		Fat		rank	418.
9234				-101		11	0,27	SCS	2,97
								rank	527.

Type data	SHA 10/2018	Herds	27 / 15	Daug.	86	75,7	Rel.	86 %	TYPE	-1,06
								rank	778.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,84									
Angularity	-0,81									
Chest Width	-0,33									
Body Depth	-0,11									
Rump Angle	-0,42									
Rear Legs Side View	1,19									
Foot Angle	0,24									
Fore Udder Attachment	-0,23									
Front Teat Placement	-0,64									
Teat Length	0,12									
Rear Udder Height	-1,72									
Rear Udder Width	-2,55									
Central Ligament	0,97									
Udder Depth	1,23									
Rump Width	2,06									
Rear Legs Rear View	-2,09									
Rear Teat Placement	0,37									
Locomotion	-0,85									
Body Condition	-1,08									

daught. average

79,6	Frame	0,88
73,8	Dairy Strength	-1,07
76,3	Feet & Legs	-1,34
74,3	Udder	-1,58
	SHI	-35,4
	rank	608.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
RIOSTAR	FR005632083240	17.07.2000	BES-007
Country of origin	FR	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	09.01.2001
		FR	790115

Pedigree

Sire	PGS	BESNE-BUCK
JOCKO BESN		FR004486041658
FR005694028588	PGD	GAIA
		FR005691017484
Dam	MGS	GIBBON
OSEILLE		FR002991000305
FR005698001917	MGD	HERITIÈRE
		FR005692029781

Milk production data	SK 10/2018	Herds	41	Daug.	498	Rel.	98 %	SPI	1526
Number controls		BV		Milk		Fat		rank	172.
7733				291		13	0,03	SCS	2,76
								rank	252.

Type data	SHA 10/2018	Herds	37 / 15	Daug.	186	77,8	Rel.	92 %	TYPE	-1,06
								rank	779.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,21									
Angularity	0,14									
Chest Width	-1,83									
Body Depth	-2,00									
Rump Angle	-1,53									
Rear Legs Side View	0,09									
Foot Angle	-1,18									
Fore Udder Attachment	0,23									
Front Teat Placement	1,12									
Teat Length	-0,16									
Rear Udder Height	0,47									
Rear Udder Width	0,39									
Central Ligament	-0,40									
Udder Depth	0,20									
Rump Width	-1,85									
Rear Legs Rear View	-1,81									
Rear Teat Placement	0,39									
Locomotion	-2,02									
Body Condition	-1,64									

daught. average

80,4	Frame	-1,23
78,0	Dairy Strength	-1,15
76,2	Feet & Legs	-2,20
77,2	Udder	0,36
	SHI	3,7
	rank	450.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
SAMORIN BLACKSTAR,SAMBLACK-ET	SK000062901853	30.03.1995	BS-033
Country of origin	SK	Breed	H100
Distributor	Bio služba s.r.o.	Herdbook	HA
		Paternity	06.05.1996
		SVK	0213/22

Pedigree

Sire	PGS	CAL-CLARK BOARD CHAIRMAN
TO-MAR BLACKSTAR-ET		US000001723741
US000001929410	PGD	TO-MAR WAYNE HAY
CHR-002		US000009804790
	MGS	SWEET-HAVEN TRADITION
Dam		US000001682485
DREAMSTREET TRAD CLEODEL-ET	MGD	FAIR-HILL FOND CLAIRE
US000012046931		US000008179031

Milk production data	SK 10/2018	Herds	20	Daug.	84	Rel.	90 %	SPI	-3755
Number controls		BV		Milk		Fat		rank	1277.
1267				-830		-34	-0,06	SCS	3,35
						-26	-0,02	rank	1009.

Type data	SHA 10/2018	Herds	6 / 1	Daug.	13	75,1	Rel.	53 %	TYPE	-1,07
								rank	780.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,73									
Angularity	-0,11									
Chest Width	-1,09									
Body Depth	-1,09									
Rump Angle	0,15									
Rear Legs Side View	0,00									
Foot Angle	-3,11									
Fore Udder Attachment	-0,33									
Front Teat Placement	0,85									
Teat Length	-0,57									
Rear Udder Height	0,20									
Rear Udder Width	-0,14									
Central Ligament	-0,73									
Udder Depth	0,01									
Rump Width	0,87									
Rear Legs Rear View	-0,40									
Rear Teat Placement	-0,15									
Locomotion	-0,44									
Body Condition	0,08									

daught. average

76,2	Frame	-1,12
73,1	Dairy Strength	-0,46
73,2	Feet & Legs	-1,70
76,7	Udder	0,15
	SHI	-155,9
	rank	855.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
GRUBBER	DE00000564048	23.11.1999	GEP-003
Country of origin	DE	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	21.01.2000
		DEU	00/1322

Pedigree

Sire	PGS	TESK-HOLM VALIANT ROCKIE
BEACHLAWN GELPRO TOBEY-ET	US000001841366	VAL-016
US000002182343	PGD	BEACHLAWN BELL CLEITUS PRO
	US000013450817	
Dam	MGS	EMERALD-ACRES-SA TONIC-ET
UMWELT 4	US000002074727	CLE-011
DE000102801535	MGD	PERLENE
	DE000107826623	

Milk production data	SK 10/2018	Herds	40	Daug.	82	Rel.	92 %	SPI	347
Number controls		BV		Milk		Fat		rank	392.
1798				107		1	-0,07	SCS	3,47
						3	-0,02	rank	1121.

Type data	SHA 10/2018	Herds	10 / 6	Daug.	15	76,7	Rel.	52 %	TYPE	-1,08
								rank	781.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,66									
Angularity	1,29									
Chest Width	-2,91									
Body Depth	-2,23									
Rump Angle	0,90									
Rear Legs Side View	1,01									
Foot Angle	-1,75									
Fore Udder Attachment	-0,19									
Front Teat Placement	-1,12									
Teat Length	0,17									
Rear Udder Height	0,55									
Rear Udder Width	-0,06									
Central Ligament	0,25									
Udder Depth	0,14									
Rump Width	0,30									
Rear Legs Rear View	-1,36									
Rear Teat Placement	0,67									
Locomotion	-0,70									
Body Condition	-2,10									

daught. average

77,2	Frame	-1,68
76,3	Dairy Strength	-0,58
76,7	Feet & Legs	-1,37
76,8	Udder	0,18
	SHI	-32,6
	rank	597.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
BENNER AEROWOOD-ET	CA000006682654	05.08.1996	BW-017
Country of origin	CA	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	21.05.1997
		CAN	BT395206

Pedigree

Sire	PGS	ARLINDA MELWOOD-ET
MAIZEFIELD BELLWOOD-ET		US000001879149
US000002103297	PGD	BREN-WAY BELL BETSY
MEW-004		US000012052401
Dam	MGS	MADAWASKA AEROSTAR
LEXOUS AEROSTAR RIA-ET		CA000000383622
CA000005557303	MGD	LEHOUX CHIEF MARK RUBY
		CA000004317145

Milk production data	SK 10/2018	Herds	62	Daug.	1145	Rel.	99 %	SPI	1800
Number controls		BV		Milk	Fat	%	Prot.	%	rank
22600				621	13	-0,19	9	-0,21	SCS
									rank
									140.
									540.

Type data	SHA 10/2018	Herds	22 / 11	Daug.	133	77,8	Rel.	90 %	TYPE	-1,08
									rank	782.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,47									
Angularity	0,27									
Chest Width	-2,42									
Body Depth	-1,19									
Rump Angle	2,56									
Rear Legs Side View	0,32									
Foot Angle	-0,37									
Fore Udder Attachment	-0,81									
Front Teat Placement	-1,14									
Teat Length	0,75									
Rear Udder Height	1,00									
Rear Udder Width	0,24									
Central Ligament	-0,16									
Udder Depth	-0,45									
Rump Width	-1,72									
Rear Legs Rear View	-1,86									
Rear Teat Placement	-1,11									
Locomotion	-1,78									
Body Condition	-1,14									

daught. average

80,0 **Frame** -0,46

77,8 **Dairy Strength** -1,08

77,9 **Feet & Legs** -1,43

76,8 **Udder** -0,40

SHI 11,1

rank 417.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
ZILLO	DE000578900534	27.10.2000	JUT-003
Country of origin	DE	Breed	R100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	14.12.2000
		DEU	00/14516

Pedigree

Sire	PGS	JURIST
ZANDENBURG RED STAR		DE001012054344
NL000118912899	PGD	BERTHA 82
		NL000816746369
Dam	MGS	KOMMANDEUR LEADER 1
GRISELD 362		NL000775157228
DE000577755002	MGD	GRIMALDI
		DE000576373403

Milk production data	SK 10/2018	Herds	99	Daug.	1171	Rel.	99 %	SPI	-1896
Number controls		BV		Milk		Prot.		rank	903.
24501				-279	-30	-0,39	-11	SCS	2,94
								rank	478.

Type data	SHA 10/2018	Herds	16 / 7	Daug.	140	79,4	Rel.	90 %	TYPE	-1,08
								rank	783.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,95									
Angularity	-0,34									
Chest Width	0,63									
Body Depth	-0,02									
Rump Angle	-0,46									
Rear Legs Side View	1,52									
Foot Angle	-1,67									
Fore Udder Attachment	-1,01									
Front Teat Placement	1,92									
Teat Length	-0,84									
Rear Udder Height	-1,16									
Rear Udder Width	-0,26									
Central Ligament	-0,63									
Udder Depth	-1,47									
Rump Width	1,48									
Rear Legs Rear View	0,21									
Rear Teat Placement	1,35									
Locomotion	1,48									
Body Condition	1,03									

daught. average

83,6	Frame	-0,45
80,5	Dairy Strength	-0,43
81,1	Feet & Legs	-0,89
75,8	Udder	-1,07
	SHI	-100,5
	rank	801.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
PEASEDALE LINGO-ET	US000002113156	17.07.1989	CLE-019

Country of origin	US	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	15.03.1990
		USA	IG135682C

Pedigree

Sire	PGS	SWEET-HAVEN TRADITION
BIS-MAY TRADITION CLEITUS		US000001682485
US000001879085	PGD	BIS-MAY CONDUCTOR CORAL
CLE-003		US000010192628
Dam	MGS	WHITTIER-FARMS NED BOY
ROSYLBA NED BOY JETSON LACEY		US000001806201
US000012676794	MGD	ROSYLBA JETSON LUCKY
		US000011461736

Milk production data	SK 10/2018	Herds	118	Daug.	1395	Rel.	99 %	SPI	218
Number controls		BV		Milk		Fat	%	Prot.	%
27041				100		7	0,04	-2	-0,10
								SCS	3,73
								rank	1235.

Type data	SHA 10/2018	Herds	56 / 27	Daug.	239	76,2	Rel.	94 %	TYPE	-1,08
									rank	784.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-1,05									
Angularity	0,38									
Chest Width	0,82									
Body Depth	1,11									
Rump Angle	-0,59									
Rear Legs Side View	2,30									
Foot Angle	-0,85									
Fore Udder Attachment	-2,26									
Front Teat Placement	-2,73									
Teat Length	0,46									
Rear Udder Height	-1,49									
Rear Udder Width	-0,35									
Central Ligament	-0,79									
Udder Depth	-2,31									
Rump Width	2,26									
Rear Legs Rear View	0,51									
Rear Teat Placement	-0,40									
Locomotion	-0,02									
Body Condition	-0,08									

daught. average

78,9	Frame	-0,29
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75,8	Dairy Strength	1,54
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76,5	Feet & Legs	-0,98
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74,9	Udder	-2,04
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	SHI	-36,8
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rank 618.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
RICECREST MARSHALL-ET	US000002297473	06.07.1995	MNL-007
Country of origin	US	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	10.04.1996
		USA	IG221445D

Pedigree

Sire	PGS	EXELS S-W-D EAGLE
LUTZ-MEADOWS E MANDEL-ET		US000001858047
US000002119526	PGD	LUTZ-MEADOWS MARK MEDLEY-ET
		US0000012593031
Dam	MGS	SOUTHWIND BELL OF BAR-LEE
RICECREST SOUTHWIND KAYE-ET		US000001964484 BEL-001
US0000014334791	MGD	RICECREST NED BOY NOREEN-ET
		US0000012806737

Milk production data	SK 10/2018	Herds	74	Daug.	828	Rel.	99 %	SPI	1213
Number controls		BV		Milk		Fat	%	Prot.	%
15528				336		3	-0,19	10	-0,01
								SCS	3,15
								rank	234.
								rank	757.

Type data	SHA 10/2018	Herds	101 / 31	Daug.	491	77,7	Rel.	97 %	TYPE	-1,09
									rank	785.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,30									
Angularity	-0,19									
Chest Width	-2,19									
Body Depth	-1,45									
Rump Angle	-3,41									
Rear Legs Side View	0,75									
Foot Angle	0,11									
Fore Udder Attachment	0,91									
Front Teat Placement	-0,69									
Teat Length	0,48									
Rear Udder Height	-0,74									
Rear Udder Width	-0,82									
Central Ligament	-0,25									
Udder Depth	0,26									
Rump Width	-1,86									
Rear Legs Rear View	-0,70									
Rear Teat Placement	0,47									
Locomotion	1,22									
Body Condition	-0,43									

daught. average

79,0	Frame	-1,36
77,8	Dairy Strength	-1,55
78,4	Feet & Legs	0,31
76,7	Udder	-0,38
	SHI	-6,9
	rank	493.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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Bull name	Registration number	Birth date	State Register
BARTOLO	DE000000392693	04.12.1989	BEL-011
Country of origin	DE	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	18.04.1991
		DEU	91/6096

Pedigree

Sire	PGS	PENSTATE IVANHOE STAR
CARLIN-M IVANHOE BELL		US000001441440
US000001667366	PGD	B&W HEILO CREAMELLE
		US000007832117
Dam	MGS	S-W-D VALIANT
BETTINA 147		US000001650414
DE001008279558	MGD	BETTY
		DE001006211686

Milk production data	SK 10/2018	Herds	15	Daug.	136	Rel.	95 %	SPI	-1835
Number controls		BV		Milk		Fat		rank	888.
2378				-401		-14	0,01	SCS	3,43
						-14	-0,04	rank	1080.

Type data	SHA 10/2018	Herds	5 / 3	Daug.	29	75,4	Rel.	72 %	TYPE	-1,11
								rank	786.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,77									
Angularity	0,11									
Chest Width	-1,59									
Body Depth	-1,40									
Rump Angle	-0,31									
Rear Legs Side View	0,58									
Foot Angle	-0,61									
Fore Udder Attachment	-0,38									
Front Teat Placement	-0,10									
Teat Length	0,59									
Rear Udder Height	-1,10									
Rear Udder Width	-1,29									
Central Ligament	0,17									
Udder Depth	-1,15									
Rump Width	-0,20									
Rear Legs Rear View	-0,87									
Rear Teat Placement	-0,68									
Locomotion	-0,77									
Body Condition	-1,43									

daught. average

77,8	Frame	-1,25
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72,2	Dairy Strength	-1,04
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78,0	Feet & Legs	-0,46
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74,3	Udder	-0,51
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	SHI	-99,6
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rank 800.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
V EXCES	DK000000242598	23.01.1999	LUG-002

Country of origin	DK	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	22.06.1999
		DNK	208615

Pedigree

Sire	PGS	PEN SPRING MR C (UGELA BELL)
DELTA LUXEMBURG		US000001920807
NL000776846536	PGD	DELTA SIBERIA-ET
		NL000316418766
Dam	MGS	ROTHROCK TRADITION LEADMAN
DK002599500530		US000001983348
	MGD	DK002599500365
		TDN-004

Milk production data	SK 10/2018	Herds	7	Daug.	243	Rel.	96 %	SPI	1759
Number controls		BV		Milk		Fat	%	Prot.	%
3956				130	19	0,25	16	0,26	SCS
									rank
									...
									rank
									...

Type data	SHA 10/2018	Herds	11 / 3	Daug.	93	78,8	Rel.	84 %	TYPE	-1,11
									rank	787.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,96									
Angularity	0,97									
Chest Width	-1,23									
Body Depth	-0,93									
Rump Angle	-1,33									
Rear Legs Side View	-1,76									
Foot Angle	1,62									
Fore Udder Attachment	-1,75									
Front Teat Placement	-0,47									
Teat Length	1,84									
Rear Udder Height	-1,63									
Rear Udder Width	-0,09									
Central Ligament	0,70									
Udder Depth	-1,73									
Rump Width	-1,35									
Rear Legs Rear View	-0,85									
Rear Teat Placement	0,49									
Locomotion	-1,77									
Body Condition	0,01									

daught. average

81,3	Frame	-1,20
79,6	Dairy Strength	0,44
79,0	Feet & Legs	0,57
77,0	Udder	-1,59
	SHI	8,6
	rank	431.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
MEDZICILIZIE SUNNY BOY SVEN	SK000029415853	28.11.1995	SUB-002
Country of origin	SK	Breed	H100
Distributor		Herdbook	HA
		Paternity	

Pedigree

Sire	PGS	NEHLS CHIEF CRUSADER
SKALSUMER SUNNY BOY-ET		US000001723121
NL000311651443	PGD	SKALSUMER PIETJE 175
		NL000307400576
Dam	MGS	ETAZON QUEEN
LUCIE 20		NL000789980809
SK000013363813	MGD	LUCIE 19
		NL000462710794

Milk production data	SK 10/2018	Herds	35	Daug.	115	Rel.	94 %	SPI	-1388
Number controls		BV		Milk	Fat	%	Prot.	%	rank
2478				-386	-10	0,08	-9	0,07	SCS
									rank
									780.
									952.

Type data	SHA 10/2018	Herds	9 / 8	Daug.	17	76,4	Rel.	64 %	TYPE	-1,11
									rank	788.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,36									
Angularity	-0,67									
Chest Width	1,07									
Body Depth	1,02									
Rump Angle	1,17									
Rear Legs Side View	0,07									
Foot Angle	-1,83									
Fore Udder Attachment	-1,65									
Front Teat Placement	-0,97									
Teat Length	0,95									
Rear Udder Height	-1,11									
Rear Udder Width	-0,45									
Central Ligament	-1,04									
Udder Depth	-0,79									
Rump Width	-1,47									
Rear Legs Rear View	-1,06									
Rear Teat Placement	-1,86									
Locomotion	-0,30									
Body Condition	0,72									

daught. average

80,2	Frame	-0,09
72,7	Dairy Strength	0,22
76,1	Feet & Legs	-1,55
76,6	Udder	-1,15
	SHI	-86,3
	rank	773.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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Bull name	Registration number	Birth date	State Register
SCHILF ET	DE00000384067	29.12.1984	SH-005
Country of origin	DE	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	12.03.1985
		DEU	18/1875

Pedigree

Sire	PGS	PROVIN MTN IVANHOE JEWEL
PUGET-SOUND SHEIK		US000001393997
CA000000327279	PGD	PUGET-SOUND FOND SHEILA
		US000007893959
Dam	MGS	HAGEMANS TEMPO
RODA		US000001487040
DE001007273640	MGD	REBE
		DE001006184100

Milk production data	SK 10/2018	Herds	57	Daug.	239	Rel.	97 %	SPI	-3338
Number controls		BV		Milk		Fat	%	rank	1212.
4263				-867		-27	0,12	SCS	3,59
						-22	0,13	rank	1181.

Type data	SHA 10/2018	Herds	7 / 6	Daug.	34	74,1	Rel.	69 %	TYPE	-1,11
								rank	789.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-1,26									
Angularity	-0,11									
Chest Width	0,31									
Body Depth	-0,22									
Rump Angle	-1,02									
Rear Legs Side View	-0,40									
Foot Angle	-0,20									
Fore Udder Attachment	-0,91									
Front Teat Placement	-0,25									
Teat Length	0,75									
Rear Udder Height	-0,11									
Rear Udder Width	-0,79									
Central Ligament	-0,05									
Udder Depth	-0,14									
Rump Width	-0,49									
Rear Legs Rear View	-0,41									
Rear Teat Placement	-0,82									
Locomotion	-0,04									
Body Condition	0,24									

daught. average

70,8	Frame	-1,23
72,2	Dairy Strength	0,32
76,6	Feet & Legs	-0,67
75,6	Udder	-0,92
	SHI	-145,1
	rank	845.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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Bull name	Registration number	Birth date	State Register
ARRAS VALOR	FR004485041462	01.09.1985	VAO-001
Country of origin	FR	Breed	H100
Distributor		Herdbook	HA
		Paternity	

Pedigree

Sire	PGS	S-W-D VALIANT
SIR C VALOR		US000001650414
US000001811754	PGD	SKYLINE ELEVATION CYNTHIA
		US000008425907
Dam	MGS	GLENDELL ARLINDA CHIEF
PARKMONT GLENDELL,JOELL		US000001556373
US000009605134	MGD	PINE-RIDGE PENCOR,JANET
		US000008621902

Milk production data	SK 10/2018	Herds	190	Daug.	2639	Rel.	99 %	SPI	-3616
Number controls		BV		Milk		Fat	%	Prot.	%
48651				-902		-29	0,12	-25	0,08
								SCS	3,32
								rank	1256.
								rank	969.

Type data	SHA 10/2018	Herds	16 / 14	Daug.	173	74,7	Rel.	92 %	TYPE	-1,12
									rank	790.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,85									
Angularity	-0,72									
Chest Width	0,23									
Body Depth	0,97									
Rump Angle	-0,58									
Rear Legs Side View	0,44									
Foot Angle	-1,11									
Fore Udder Attachment	-1,75									
Front Teat Placement	-0,11									
Teat Length	-0,31									
Rear Udder Height	-1,57									
Rear Udder Width	-0,63									
Central Ligament	-0,76									
Udder Depth	-0,93									
Rump Width	0,71									
Rear Legs Rear View	-0,12									
Rear Teat Placement	-0,46									
Locomotion	-0,44									
Body Condition	-0,44									

daught. average

74,9	Frame	-0,46
72,1	Dairy Strength	0,05
76,3	Feet & Legs	-0,31
75,2	Udder	-1,38
	SHI	-153,7
	rank	853.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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Bull name	Registration number	Birth date	State Register
SELLCREST JON DONNIE RED	US000002042662	21.04.1987	JOR-001
Country of origin US		Breed	R100
Distributor		Herdbook	HA
		Paternity	

Pedigree

Sire	PGS	HANOVER-HILL TRIPLE THREAT-RED
NEEDLE-LANE JON-RED		US000001629391
US000001802072	PGD	LOBUR JOHANNA APRIL
		US000008638136
Dam	MGS	STANHOPE CANNONADE
SELLCREST CANNONADE DONNA-ET		CA000000337679
US0000011695210	MGD	RIDGES-WOOD ROBARON DOLL-RED
		US000008362927

Milk production data	SK 10/2018	Herds 91	Daug. 942	Rel. 99 %	SPI	-3267
Number controls	BV	Milk	Fat	%	Prot.	%
19907		-783	-23	0,14	-24	-0,00
					SCS	3,01
					rank	1191.
					rank	583.

Type data	SHA 10/2018	Herds 7 / 6	Daug. 126	73,7	Rel. 87 %	TYPE	-1,13
						rank	791.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-1,54									
Angularity	-0,53									
Chest Width	-0,54									
Body Depth	-0,05									
Rump Angle	-0,53									
Rear Legs Side View	-1,74									
Foot Angle	-1,37									
Fore Udder Attachment	-0,40									
Front Teat Placement	-1,54									
Teat Length	1,27									
Rear Udder Height	-0,63									
Rear Udder Width	-0,49									
Central Ligament	0,12									
Udder Depth	-0,40									
Rump Width	-0,52									
Rear Legs Rear View	0,81									
Rear Teat Placement	-1,59									
Locomotion	-0,34									
Body Condition	1,30									

daught. average

72,6	Frame	-1,59
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70,2	Dairy Strength	-0,50
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76,6	Feet & Legs	-0,58
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74,5	Udder	-0,60
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SHI	-143,5
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rank 844.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
HOL-STIENS OMAR-ET	NL000313213252	14.05.1986	NBY-012
Country of origin	NL	Breed	H100
Distributor	Holstein, Holandsko	Herdbook	HA
		Paternity	..

Pedigree

Sire	PGS	CA-LILL STANDOUT CAVALIER
WHITTIER-FARMS NED BOY		US000001620273
US000001806201	PGD	MILK-A-LONG SKOKIE DAWN
		US000009094087
Dam	MGS	KINGWAY ELEVATION VERY
HOL-STIENS OJ 1377		US000001700553
NL000307995274	MGD	JAAN 276
		NL000302034844

Milk production data	SK 10/2018	Herds	30	Daug.	35	Rel.	87 %	SPI	-525
Number controls		BV		Milk		Fat		rank	576.
798				-290		-3	0,15	SCS	2,92
						-1	0,18	rank	453.

Type data	SHA 10/2018	Herds	6 / 6	Daug.	10	75,9	Rel.	51 %	TYPE	-1,13
								rank	792.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-1,21									
Angularity	-1,16									
Chest Width	-0,26									
Body Depth	-0,09									
Rump Angle	-0,37									
Rear Legs Side View	-1,08									
Foot Angle	0,83									
Fore Udder Attachment	-1,33									
Front Teat Placement	0,01									
Teat Length	0,73									
Rear Udder Height	-1,51									
Rear Udder Width	-0,18									
Central Ligament	-0,91									
Udder Depth	-1,26									
Rump Width	-0,28									
Rear Legs Rear View	1,49									
Rear Teat Placement	0,23									
Locomotion	0,36									
Body Condition	1,00									

daught. average

74,3	Frame	-1,15
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73,5	Dairy Strength	-0,91
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78,1	Feet & Legs	0,42
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76,9	Udder	-1,13
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	SHI	-61,2
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rank 698.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
BRITANICUS ET	SK000026025852	12.08.1989	BNT-011
Country of origin	SK	Breed	N50,0 H37,5
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HB
		Paternity	29.12.1989
		SVK	4271/13

Pedigree

Sire	PGS	LAVENHAM CREATOR
HEROVINA BRITANICUS,128		XX000014354657
NL011502278837	PGD	HER.BR.WINTER 6
BNT-001		NL000000227909
Dam	MGS	CAY CATHERINE ROCKETTE
SK000062999822		CA000000317746
	MGD	SK000014538822
		NEC-004

Milk production data	SK 10/2018	Herds	31	Daug.	65	Rel.	91 %	SPI	-2954
Number controls		BV		Milk		Prot.		rank	1121.
1224				-736	-28	0,00	-18	0,11	SCS
								rank	471.

Type data	SHA 10/2018	Herds	9 / 5	Daug.	28	74,5	Rel.	63 %	TYPE	-1,15
								rank	793.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,81									
Angularity	-1,28									
Chest Width	0,34									
Body Depth	-0,61									
Rump Angle	-0,55									
Rear Legs Side View	0,01									
Foot Angle	0,09									
Fore Udder Attachment	-0,92									
Front Teat Placement	-0,50									
Teat Length	-0,08									
Rear Udder Height	-0,45									
Rear Udder Width	-0,86									
Central Ligament	0,25									
Udder Depth	-0,17									
Rump Width	-0,08									
Rear Legs Rear View	0,02									
Rear Teat Placement	-0,95									
Locomotion	0,11									
Body Condition	1,83									

daught. average

74,2	Frame	-0,67
71,0	Dairy Strength	-1,53
75,6	Feet & Legs	-0,26
75,9	Udder	-0,74
	SHI	-135,1
	rank	837.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
SAMUEL BEEJEE ROYAL	HU003232300063	13.08.1997	SUB-007

Country of origin	HU	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	23.06.1998
		NLD	23558/99

Pedigree

Sire	PGS	SKALSUMER SUNNY BOY-ET
ZANDENBURGER ROYAL		NL000311651443
NL000790545532	PGD	DELTA FABIOLA-ET
		NL000315880445
Dam	MGS	ETAZON CELSIUS-ET
HENDRIKA 443		NL000460508522
NL000147851925	MGD	HENDRIKA 378
		NL000783228835

Milk production data	SK 10/2018	Herds	29	Daug.	428	Rel.	98 %	SPI	1051
Number controls		BV		Milk		Fat		rank	261.
9248				-73		14	0,31	SCS	3,02
						12	0,30	rank	593.

Type data	SHA 10/2018	Herds	18 / 6	Daug.	157	77,7	Rel.	91 %	TYPE	-1,16
								rank	794.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-1,12									
Angularity	-0,92									
Chest Width	-0,76									
Body Depth	-1,75									
Rump Angle	-0,01									
Rear Legs Side View	1,45									
Foot Angle	0,40									
Fore Udder Attachment	0,54									
Front Teat Placement	-0,33									
Teat Length	0,32									
Rear Udder Height	0,34									
Rear Udder Width	0,76									
Central Ligament	-1,43									
Udder Depth	-0,12									
Rump Width	-0,10									
Rear Legs Rear View	1,40									
Rear Teat Placement	-1,10									
Locomotion	-0,21									
Body Condition	-0,33									

daught. average

79,7	Frame	-1,37
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77,3	Dairy Strength	-2,07
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78,5	Feet & Legs	0,15
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76,7	Udder	-0,11
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	SHI	-14,6
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rank 529.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
CLEITUS-ET	DE000021194973	01.04.1993	CLE-004
Country of origin	DE	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	09.07.1993
		DEU	93/9401

Pedigree

Sire	PGS	SWEET-HAVEN TRADITION
BIS-MAY TRADITION CLEITUS		US000001682485
US000001879085	PGD	BIS-MAY CONDUCTOR CORAL
CLE-003		US000010192628
Dam	MGS	S-W-D VALIANT
LISA		US000001650414
DE001020226022	MGD	LERCHE
		DE001007260008

Milk production data	SK 10/2018	Herds	120	Daug.	843	Rel.	99 %	SPI	-1652
Number controls		BV		Milk		Fat	%	Prot.	%
16335				-427		-6	0,21	-14	-0,03
								SCS	2,59
								rank	847.
								rank	122.

Type data	SHA 10/2018	Herds	26 / 17	Daug.	104	76,3	Rel.	89 %	TYPE	-1,17
									rank	795.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,69									
Angularity	0,58									
Chest Width	-1,01									
Body Depth	-0,94									
Rump Angle	-0,03									
Rear Legs Side View	0,11									
Foot Angle	-1,89									
Fore Udder Attachment	-1,10									
Front Teat Placement	-1,36									
Teat Length	1,19									
Rear Udder Height	-0,55									
Rear Udder Width	-0,84									
Central Ligament	-0,24									
Udder Depth	-0,25									
Rump Width	-1,01									
Rear Legs Rear View	-0,60									
Rear Teat Placement	0,16									
Locomotion	-0,28									
Body Condition	0,16									

daught. average

78,2	Frame	-1,07
75,5	Dairy Strength	0,25
76,7	Feet & Legs	-0,75
75,5	Udder	-1,04
	SHI	-96,4
	rank	794.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
ZIRKON	DE000341916482	17.04.1997	ZAK-001
Country of origin	DE	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	23.05.1997
		DEU	97/7351

Pedigree

Sire	PGS	SOUTHWIND BELL OF BAR-LEE
CHANCE SOUTHWIND LB ZACK-ET	US000001964484	BEL-001
US000002156938	PGD	LIGHT-RIDGE FAIRHIL MARK-EL
BEL-012	US000012532410	
Dam	MGS	BELT
KARLA 3	DE001020475657	
DE001021064549	MGD	KADJA
	DE001020811327	

Milk production data	SK 10/2018	Herds	114	Daug.	1771	Rel.	99 %	SPI	-762
Number controls		BV		Milk		Fat		%	
37750				-408		8		0,47	-7
		Prot.				%		0,14	rank
									632.
								SCS	2,94
									rank
									475.

Type data	SHA 10/2018	Herds	38 / 18	Daug.	223	77,2	Rel.	94 %	TYPE	-1,17
									rank	796.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-1,27									
Angularity	-0,82									
Chest Width	0,62									
Body Depth	0,56									
Rump Angle	-0,41									
Rear Legs Side View	1,23									
Foot Angle	-1,58									
Fore Udder Attachment	-0,69									
Front Teat Placement	0,15									
Teat Length	-0,54									
Rear Udder Height	-1,37									
Rear Udder Width	-1,17									
Central Ligament	0,46									
Udder Depth	-1,23									
Rump Width	0,21									
Rear Legs Rear View	1,26									
Rear Teat Placement	-0,48									
Locomotion	3,12									
Body Condition	1,53									

daught. average

80,1	Frame	-0,90
78,1	Dairy Strength	-0,53
77,3	Feet & Legs	0,12
75,2	Udder	-1,35
	SHI	-69,6
	rank	729.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
BOTERMIJN 706	NL000313564516	16.01.1986	CAD-002
Country of origin	NL	Breed	H100
Distributor	Holstein, Holandsko	Herdbook	HA
		Paternity	27.03.1986
		NLD	018601740010

Pedigree

Sire	PGS	PAWNEE FARM ARLINDA CHIEF
NEHLS CHIEF CRUSADER		US000001427381
US000001723121	PGD	NEHLS HARBORCREST, DEE DEE
		NL000980059944
Dam	MGS	MOWRY-C CITATION ROCKET
BOTERMIJN 567		US000001537886
NL000309097820	MGD	BOTERMIJN 481
		NL000305362320

Milk production data	SK 10/2018	Herds	27	Daug.	171	Rel.	95 %	SPI	-3430
Number controls		BV		Milk	Fat	%	Prot.	%	rank
2868				-907	-27	0,17	-22	0,14	SCS
									rank
									1225.
									1255.

Type data	SHA 10/2018	Herds	8 / 6	Daug.	30	75,7	Rel.	64 %	TYPE	-1,17
									rank	797.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,44									
Angularity	-1,44									
Chest Width	0,97									
Body Depth	0,56									
Rump Angle	-0,76									
Rear Legs Side View	1,99									
Foot Angle	0,80									
Fore Udder Attachment	-0,71									
Front Teat Placement	-1,77									
Teat Length	-0,34									
Rear Udder Height	-2,10									
Rear Udder Width	-1,81									
Central Ligament	0,59									
Udder Depth	-0,90									
Rump Width	0,82									
Rear Legs Rear View	-0,57									
Rear Teat Placement	-1,40									
Locomotion	-0,33									
Body Condition	0,86									

daught. average

79,4	Frame	0,04
72,8	Dairy Strength	-1,06
75,3	Feet & Legs	-1,03
75,7	Udder	-1,17
	SHI	-150,2
	rank	850.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
MARKANT	NL000774750684	05.05.1991	BOG-001

Country of origin	NL	Breed	R100
Distributor	Novaselekt s.r.o.	Herdbook	HA
		Paternity	18.09.1992
		NLD	774750684

Pedigree

Sire	PGS	BRIDON ASTRO JET-ET CA000000349040
DESLACS BOY GEORGE RED TWIN CA000000381413	PGD	DESLACS JOHANNA,BERTHE CA0000003379414
Dam	MGS	ADLER DE001004435155
MAIKE DE001020473411	MGD	MYRTHE DE001020180422

ASR-006

Milk production data	SK 10/2018	Herds	177	Daug.	2475	Rel.	99 %	SPI	-1124
Number controls		BV		Milk		Fat	%	Prot.	%
52853				-279		-7	0,05	-8	0,00
								SCS	2,79
								rank	722.
								rank	294.

Type data	SHA 10/2018	Herds	12 / 9	Daug.	58	75,7	Rel.	82 %	TYPE	-1,17
									rank	798.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-1,72									
Angularity	-0,23									
Chest Width	-0,08									
Body Depth	-1,31									
Rump Angle	-1,56									
Rear Legs Side View	-0,47									
Foot Angle	-1,25									
Fore Udder Attachment	0,85									
Front Teat Placement	0,57									
Teat Length	-0,80									
Rear Udder Height	-0,35									
Rear Udder Width	-1,41									
Central Ligament	-0,98									
Udder Depth	0,60									
Rump Width	0,97									
Rear Legs Rear View	0,81									
Rear Teat Placement	-0,19									
Locomotion	-1,13									
Body Condition	0,41									

daught. average

75,9	Frame	-1,65
72,3	Dairy Strength	-0,86
77,1	Feet & Legs	-1,03
76,5	Udder	-0,08
	SHI	-80,7
	rank	760.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
GRASSHILL RED HOT RED-ET	US000002132754	13.12.1989	JUB-001

Country of origin	US	Breed	R100
Distributor		Herdbook	HA
		Paternity	28.05.1990
		USA	IG 139532B

Pedigree

Sire	PGS	HANOVER-HILL TRIPLE THREAT-RED
MEADOLAKE JUBILANT-ET		US000001629391
CA000000376455	PGD	CASS RIDGE R MAPLE JAZZ
		CA000003003616
Dam	MGS	GLENAFTON ENHANCER
GRASSHILL CATHERINE-ET		CA000000343514
CA000004168614	MGD	GRASSHILL ASTRONAUT CHIEFTESS
		CA000003178302

Milk production data	SK 10/2018	Herds	33	Daug.	105	Rel.	93 %	SPI	-1641
Number controls		BV		Milk		Fat	%	Prot.	%
2260				-462		-6	0,22	-13	0,03
								SCS	3,71
								rank	844.
								rank	1231.

Type data	SHA 10/2018	Herds	5 / 2	Daug.	14	74,6	Rel.	52 %	TYPE	-1,18
									rank	799.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,91									
Angularity	-1,83									
Chest Width	0,79									
Body Depth	0,99									
Rump Angle	-0,44									
Rear Legs Side View	1,14									
Foot Angle	-1,07									
Fore Udder Attachment	-0,86									
Front Teat Placement	-0,75									
Teat Length	-0,35									
Rear Udder Height	-1,10									
Rear Udder Width	-0,05									
Central Ligament	-0,26									
Udder Depth	-0,96									
Rump Width	0,31									
Rear Legs Rear View	-0,66									
Rear Teat Placement	-1,13									
Locomotion	-0,26									
Body Condition	0,95									

daught. average

73,9	Frame	-0,48
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71,1	Dairy Strength	-1,35
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74,4	Feet & Legs	-1,01
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76,9	Udder	-0,59
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	SHI	-96,5
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rank 795.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
NORBERT	DE000002033005	22.08.1981	HAR-001
Country of origin	DE	Breed	R75,0 M25,0
Distributor	Slovensko	Herdbook	HC
		Paternity	

Pedigree

Sire	PGS	BOND HAVEN NUGGET
CRESSHAVEN NUGGET RED		CA000000300502
CA000000343364	PGD	CRESSHAVEN STARLITE THELMA
		CA000002495736
Dam	MGS	BAUMGARTNERS CITAT.FIRESTAR-RED
TAUFE		US000001650943
DE001001464804	MGD	TRAUBE
		DE001001232129

Milk production data	SK 10/2018	Herds	96	Daug.	325	Rel.	98 %	SPI	-3250
Number controls		BV		Milk		Fat		rank	1183.
4184				-898		-19	0,33	SCS	3,23
						-23	0,12	rank	855.

Type data	SHA 10/2018	Herds	5 / 3	Daug.	14	71,6	Rel.	61 %	TYPE	-1,19
								rank	800.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-1,17									
Angularity	-1,72									
Chest Width	1,77									
Body Depth	1,95									
Rump Angle	-0,24									
Rear Legs Side View	-0,16									
Foot Angle	-0,01									
Fore Udder Attachment	-1,44									
Front Teat Placement	-1,29									
Teat Length	0,84									
Rear Udder Height	-2,18									
Rear Udder Width	-0,94									
Central Ligament	-0,75									
Udder Depth	-0,84									
Rump Width	0,46									
Rear Legs Rear View	-0,36									
Rear Teat Placement	-1,84									
Locomotion	-0,22									
Body Condition	2,13									

daught. average

69,8 **Frame** **-0,26**

67,3 **Dairy Strength** **-0,95**

74,7 **Feet & Legs** **0,01**

73,1 **Udder** **-1,77**

SHI **-145,6**

rank 846.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
JUBEL	DE000505893133	05.07.1990	JUB-016
Country of origin	DE	Breed	R100
Distributor		Herdbook	HA
		Paternity	

Pedigree

Sire	PGS	HANOVER-HILL TRIPLE THREAT-RED
MEADOLAKE JUBILANT-ET		US000001629391
CA000000376455	PGD	CASS RIDGE R MAPLE JAZZ
		CA000003003616
Dam	MGS	E-D THOR-RED
ELITE		US000000012040
DE000503837619	MGD	EDITH
		DE000503562318

Milk production data	SK 10/2018	Herds	58	Daug.	245	Rel.	97 %	SPI	-2016
Number controls		BV		Milk		Fat		rank	928.
5023				-513		-11	0,17	SCS	3,63
						-16	0,00	rank	1198.

Type data	SHA 10/2018	Herds	9 / 6	Daug.	14	75,2	Rel.	65 %	TYPE	-1,19
								rank	801.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,13									
Angularity	-1,90									
Chest Width	0,70									
Body Depth	0,48									
Rump Angle	0,42									
Rear Legs Side View	0,21									
Foot Angle	-2,03									
Fore Udder Attachment	-1,08									
Front Teat Placement	-0,48									
Teat Length	-1,24									
Rear Udder Height	-0,58									
Rear Udder Width	0,11									
Central Ligament	0,11									
Udder Depth	-0,24									
Rump Width	-0,68									
Rear Legs Rear View	0,15									
Rear Teat Placement	-1,27									
Locomotion	-1,44									
Body Condition	1,62									

daught. average

77,6	Frame	0,21
72,1	Dairy Strength	-1,54
74,9	Feet & Legs	-1,86
75,4	Udder	-0,98
	SHI	-108,5
	rank	809.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
SERVANOUR	FR000802065074	05.09.2001	BRE-001
Country of origin	FR	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	14.11.2002
		FRA	068648

Pedigree

Sire	PGS	MAIZEFIELD BELLWOOD-ET
RICECREST BRETT-ET	US000002103297	MEW-004
US000002289548	PGD	RICECREST SOUTHWIND KAYE-ET
	US000014334791	
Dam	MGS	OUT-JOCK CHOICE AMEL-ET
PASEN AMEL MIST-ET	US000002231596	
FR000128017025	MGD	PASEN BELLWOOD MABLE-ET
	US000015847183	

Milk production data	SK 10/2018	Herds	33	Daug.	61	Rel.	88 %	SPI	-1162
Number controls	BV	Milk	Fat	%	Prot.	%	rank	731.	
1122		-282	-13	-0,06	-6	0,05	SCS	3,40	
							rank	1055.	

Type data	SHA 10/2018	Herds	7 / 7	Daug.	10	76,8	Rel.	45 %	TYPE	-1,19
							rank	802.		

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,93									
Angularity	0,13									
Chest Width	-2,49									
Body Depth	-1,19									
Rump Angle	0,63									
Rear Legs Side View	1,24									
Foot Angle	0,25									
Fore Udder Attachment	-0,18									
Front Teat Placement	-0,34									
Teat Length	-0,57									
Rear Udder Height	0,18									
Rear Udder Width	-0,44									
Central Ligament	-1,27									
Udder Depth	0,64									
Rump Width	-1,11									
Rear Legs Rear View	-0,64									
Rear Teat Placement	-0,47									
Locomotion	-1,41									
Body Condition	-1,08									

daught. average

80,7	Frame	-0,28
77,5	Dairy Strength	-1,20
76,1	Feet & Legs	-0,63
74,9	Udder	-1,02
	SHI	-82,8
	rank	768.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
STANLEY ET	DE000015211974	04.07.1992	SAD-001
Country of origin	DE	Breed	H100
Distributor	Nemecko	Herdbook	HA
		Paternity	

Pedigree

Sire	PGS	HANOVERHILL STARBUCK CA000000352790
HANOVERHILL STARDOM CA000000384848	PGD	HANOVERHILL SHEIK, BARB ET CA0000003742739
Dam	MGS	GLENAFTON ENHANCER CA000000343514
MALWINE DE001015133508	MGD	MECHTHILD DE001015074532

Milk production data	SK 10/2018	Herds	99	Daug.	873	Rel.	99 %	SPI	-753
Number controls		BV		Milk		Fat		rank	629.
17083				-222		3	0,21	SCS	3,30
								rank	944.

Type data	SHA 10/2018	Herds	22 / 12	Daug.	108	76,1	Rel.	87 %	TYPE	-1,20
								rank	803.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-1,02									
Angularity	-0,39									
Chest Width	-0,32									
Body Depth	0,21									
Rump Angle	-0,07									
Rear Legs Side View	0,34									
Foot Angle	-0,76									
Fore Udder Attachment	-0,47									
Front Teat Placement	-1,23									
Teat Length	-0,42									
Rear Udder Height	0,08									
Rear Udder Width	-0,63									
Central Ligament	0,82									
Udder Depth	-0,37									
Rump Width	-1,79									
Rear Legs Rear View	-0,88									
Rear Teat Placement	0,21									
Locomotion	-0,41									
Body Condition	-0,48									

daught. average

77,1	Frame	-1,02
74,5	Dairy Strength	-0,31
77,4	Feet & Legs	-1,78
75,6	Udder	-0,51
	SHI	-70,6
	rank	735.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
BRITANICUS ET	SK000034159852	21.02.1990	BNT-021
Country of origin	SK	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	20.06.1990
		SVK	4305/13

Pedigree

Sire	PGS	LAVENHAM CREATOR	
HEROVINA BRITANICUS,128		XX000014354657	
NL011502278837	PGD	HER.BR.WINTER 6	
BNT-001		NL000000227909	
Dam	MGS	CHEESEBORO LAD	FOU-005
SK000089313822		CA000000338067	
	MGD	SK000062758822	

Milk production data	SK 10/2018	Herds	83	Daug.	263	Rel.	97 %	SPI	-3609
Number controls		BV		Milk		Fat	%	Prot.	%
4994				-880		-28	0,11	-25	0,05
								SCS	3,25
								rank	1255.
								rank	889.

Type data	SHA 10/2018	Herds	9 / 7	Daug.	14	75,0	Rel.	50 %	TYPE	-1,20
									rank	804.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,94									
Angularity	-1,00									
Chest Width	0,01									
Body Depth	-0,74									
Rump Angle	0,32									
Rear Legs Side View	-0,41									
Foot Angle	-0,17									
Fore Udder Attachment	-0,78									
Front Teat Placement	-0,66									
Teat Length	0,38									
Rear Udder Height	-1,26									
Rear Udder Width	-1,40									
Central Ligament	-0,53									
Udder Depth	-0,77									
Rump Width	-0,49									
Rear Legs Rear View	0,32									
Rear Teat Placement	-1,20									
Locomotion	0,23									
Body Condition	0,96									

daught. average

73,9	Frame	-0,84
73,9	Dairy Strength	-1,16
76,3	Feet & Legs	-0,09
75,4	Udder	-1,22
	SHI	-156,7
	rank	857.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
FOREST-ET	CZ000114282761	24.10.2001	MNL-012
Country of origin	CZ	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	21.11.2002
		CSK	4861/04

Pedigree

Sire	PGS	LUTZ-MEADOWS E MANDEL-ET
RICECREST MARSHALL-ET		US000002119526
US000002297473	PGD	RICECREST SOUTHWIND KAYE-ET
MNL-007		US000014334791
Dam	MGS	PEN-COL DECISION-ET
GLEN-TOCTIN DECISON LEXY-ET		US000002217212
US000128967825	MGD	GLEN-TOCTIN FATAL LEEZA-ET
		US000018058213

Milk production data	SK 10/2018	Herds	47	Daug.	167	Rel.	96 %	SPI	1405
Number controls		BV		Milk		Fat	%	Prot.	%
3531				234	17	0,12	10	0,05	
								SCS	3,17
								rank	191.
								rank	776.

Type data	SHA 10/2018	Herds	11 / 10	Daug.	38	78,1	Rel.	74 %	TYPE	-1,22
									rank	805.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-1,78									
Angularity	0,48									
Chest Width	-0,75									
Body Depth	0,64									
Rump Angle	-2,60									
Rear Legs Side View	0,62									
Foot Angle	-0,13									
Fore Udder Attachment	0,09									
Front Teat Placement	-0,19									
Teat Length	0,48									
Rear Udder Height	-0,61									
Rear Udder Width	0,02									
Central Ligament	-0,77									
Udder Depth	-1,34									
Rump Width	-1,36									
Rear Legs Rear View	-0,64									
Rear Teat Placement	-0,18									
Locomotion	-0,42									
Body Condition	-0,24									

daught. average

80,9	Frame	-2,03
81,4	Dairy Strength	0,60
78,2	Feet & Legs	-0,71
75,1	Udder	-0,60
	SHI	-6,5
	rank	490.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
KOMTY-ET	DE000111743442	19.01.1998	KOD-004
Country of origin	DE	Breed	R100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	20.02.1998
		DEU	98/2863

Pedigree

Sire	PGS	KINGLEA LEADER
KOMMANDEUR LEADER 1		US000001926780
NL000775157228	PGD	MINA 648
		NL000512249355
Dam	MGS	MARTY RED-ET
UTA		NL000959580420
DE000108703134	MGD	DITA
		DE000102480460

Milk production data	SK 10/2018	Herds	106	Daug.	1505	Rel.	99 %	SPI	4
Number controls		BV		Milk		Fat	%	Prot.	%
30113				-230		11	0,36	1	0,17
								SCS	3,28
								rank	467.
								rank	915.

Type data	SHA 10/2018	Herds	34 / 15	Daug.	237	76,8	Rel.	94 %	TYPE	-1,22
									rank	806.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-1,50									
Angularity	-0,09									
Chest Width	0,92									
Body Depth	1,10									
Rump Angle	1,03									
Rear Legs Side View	1,31									
Foot Angle	-0,57									
Fore Udder Attachment	-1,18									
Front Teat Placement	-0,16									
Teat Length	-0,78									
Rear Udder Height	-0,48									
Rear Udder Width	1,82									
Central Ligament	-2,89									
Udder Depth	-2,97									
Rump Width	0,11									
Rear Legs Rear View	0,70									
Rear Teat Placement	-1,48									
Locomotion	1,32									
Body Condition	-0,59									

daught. average

78,9	Frame	-0,87
78,1	Dairy Strength	0,66
78,4	Feet & Legs	-0,21
74,2	Udder	-2,02
	SHI	-48,8
	rank	657.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name		Registration number	Birth date	State Register
NERAD		SK002950280805	03.04.1980	NRA-026
Country of origin	SK		Breed	N62,5 S25,0
Distributor	Slovensko		Herdbook	HC
			Paternity	..

Pedigree

Sire	PGS	NERAD NRA-003
NERAD		CZ000004567406
CZ001818871110	PGD	XX000018188110
NRA-016		
Dam	MGS	XX000000000000
SK000029502805	MGD	SK000004373805

Milk production data	SK 10/2018	Herds	16	Daug.	123	Rel.	95 %	SPI	-3442
Number controls		BV		Milk		Fat	%	Prot.	%
2233				-828		-31	-0,00	-22	0,08
								rank	1228.
								SCS	3,43
								rank	1085.

Type data	SHA 10/2018	Herds	6 / 2	Daug.	73	73,3	Rel.	81 %	TYPE	-1,22
									rank	807.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,57									
Angularity	-2,48									
Chest Width	1,17									
Body Depth	0,16									
Rump Angle	0,49									
Rear Legs Side View	-0,88									
Foot Angle	0,17									
Fore Udder Attachment	-0,57									
Front Teat Placement	-0,49									
Teat Length	0,72									
Rear Udder Height	-1,70									
Rear Udder Width	-0,96									
Central Ligament	-0,31									
Udder Depth	-0,65									
Rump Width	-1,44									
Rear Legs Rear View	-0,39									
Rear Teat Placement	-0,72									
Locomotion	-0,08									
Body Condition	1,43									

daught. average

74,5	Frame	-0,27
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68,3	Dairy Strength	-2,47
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74,5	Feet & Legs	0,11
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74,4	Udder	-1,09
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	SHI	-152,8
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rank 852.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
BLACKSTAR ET	DE000021150514	17.12.1991	BS-002
Country of origin	DE	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	28.09.1992
		DEU	92/11050

Pedigree

Sire	PGS	CAL-CLARK BOARD CHAIRMAN
TO-MAR BLACKSTAR-ET		US000001723741
US000001929410	PGD	TO-MAR WAYNE HAY
CHR-002		US000009804790
Dam	MGS	NO-NA-ME FOND MATT
HENJA 53		US000001392858
DE001008193283	MGD	HENNI 51
		DE001006242324

Milk production data	SK 10/2018	Herds	103	Daug.	700	Rel.	99 %	SPI	-3563
Number controls		BV		Milk		Fat		rank	1242.
13478				-864		-29	0,09	SCS	2,75
						-25	0,05	rank	241.

Type data	SHA 10/2018	Herds	12 / 6	Daug.	141	75,3	Rel.	89 %	TYPE	-1,24
								rank	808.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,82									
Angularity	-0,37									
Chest Width	-0,21									
Body Depth	-0,20									
Rump Angle	-0,36									
Rear Legs Side View	0,79									
Foot Angle	-0,34									
Fore Udder Attachment	-0,35									
Front Teat Placement	-0,31									
Teat Length	-0,85									
Rear Udder Height	-0,36									
Rear Udder Width	-0,35									
Central Ligament	-0,88									
Udder Depth	0,00									
Rump Width	-0,58									
Rear Legs Rear View	-0,81									
Rear Teat Placement	0,43									
Locomotion	-0,03									
Body Condition	-0,06									

daught. average

75,7	Frame	-0,92
72,6	Dairy Strength	-0,18
76,6	Feet & Legs	-0,63
75,9	Udder	-1,14
	SHI	-156,9
	rank	858.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

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Bull name	Registration number	Birth date	State Register
LUKAS-ET	DE000015269506	16.05.1994	LIB-001
Country of origin	DE	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	17.08.1994
		DEU	94/10423

Pedigree

Sire	PGS	BOSSIR GLEN-VALLEY STARLITE AL
HEINZ LIBERTY-ET		US000001819119
US000002049679	PGD	CLAYDALE LANA LARISSA
		US000011399819
Dam	MGS	TO-MAR BLACKSTAR-ET
HARMONIE		US000001929410
DE001015193072	MGD	HEIDI
		DE001015101164

Milk production data	SK 10/2018	Herds	37	Daug.	112	Rel.	93 %	SPI	-2280
Number controls		BV		Milk		Fat		rank	986.
2032				-458	-21	-0,08	-17	SCS	3,37
								rank	1027.

Type data	SHA 10/2018	Herds	11 / 10	Daug.	24	75,5	Rel.	60 %	TYPE	-1,25
								rank	809.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,48									
Angularity	-0,96									
Chest Width	-0,35									
Body Depth	0,86									
Rump Angle	1,01									
Rear Legs Side View	0,80									
Foot Angle	-2,25									
Fore Udder Attachment	-1,08									
Front Teat Placement	1,25									
Teat Length	-1,13									
Rear Udder Height	-1,64									
Rear Udder Width	-0,76									
Central Ligament	-1,38									
Udder Depth	-0,93									
Rump Width	0,16									
Rear Legs Rear View	-0,23									
Rear Teat Placement	-0,67									
Locomotion	-0,27									
Body Condition	-0,24									

daught. average

78,5	Frame	-0,31
72,6	Dairy Strength	-0,98
75,1	Feet & Legs	-1,95
75,3	Udder	-0,61
	SHI	-118,9
	rank	818.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
KEYSTONE	NL000382601457	28.05.2004	KOD-007

Country of origin	NL	Breed	R100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	23.09.2004
		NL	117919

Pedigree

Sire	PGS	KOMMANDEUR LEADER 1
KONVOY-ET		NL000775157228
DE000577788826	PGD	ASTRA
		DE001012209974
Dam	MGS	BEVERLAKE NICK RED
JET 196		NL000789089656
NL000202396187	MGD	JET 169
		NL000163994943

Milk production data	SK 10/2018	Herds	21	Daug.	73	Rel.	91 %	SPI	1131
Number controls		BV		Milk	Fat	%	Prot.	%	rank
1634				56	6	0,06	14	0,26	SCS
									rank
									248.
									3,08
									662.

Type data	SHA 10/2018	Herds	7 / 5	Daug.	27	77,4	Rel.	66 %	TYPE	-1,25
									rank	810.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-2,37									
Angularity	1,61									
Chest Width	-0,88									
Body Depth	-1,32									
Rump Angle	1,53									
Rear Legs Side View	2,51									
Foot Angle	-2,85									
Fore Udder Attachment	0,06									
Front Teat Placement	-2,04									
Teat Length	-1,86									
Rear Udder Height	0,65									
Rear Udder Width	2,00									
Central Ligament	-0,96									
Udder Depth	-1,36									
Rump Width	-0,71									
Rear Legs Rear View	0,78									
Rear Teat Placement	-0,13									
Locomotion	-0,77									
Body Condition	-0,82									

daught. average

78,1	Frame	-2,28
79,5	Dairy Strength	1,02
75,5	Feet & Legs	-2,25
76,9	Udder	0,12
	SHI	-16,1
	rank	535.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
EASTLAND CASH	NL000775328514	07.02.1991	SUB-005
Country of origin	NL	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	14.06.1991
		NLD	019101353120

Pedigree

Sire	PGS	NEHLS CHIEF CRUSADER
SKALSUMER SUNNY BOY-ET		US000001723121
NL000311651443	PGD	SKALSUMER PIETJE 175
		NL000307400576
Dam	MGS	BIS-MAY TRADITION CLEITUS
EASTLAND GOLDEN ET		US000001879085
NL000514152714	MGD	LATUCH LAURIE GOLDEN TWIN
		US000010662356

Milk production data	SK 10/2018	Herds	27	Daug.	157	Rel.	96 %	SPI	891
Number controls		BV		Milk		Fat	%	Prot.	%
3082				156	11	0,08	6	0,02	SCS
									rank
									297.
									3,39
									rank
									1048.

Type data	SHA 10/2018	Herds	16 / 11	Daug.	63	75,6	Rel.	85 %	TYPE	-1,26
									rank	811.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,81									
Angularity	0,17									
Chest Width	0,18									
Body Depth	-0,23									
Rump Angle	0,87									
Rear Legs Side View	2,24									
Foot Angle	-1,48									
Fore Udder Attachment	0,10									
Front Teat Placement	-0,66									
Teat Length	0,60									
Rear Udder Height	-0,48									
Rear Udder Width	-0,46									
Central Ligament	-0,27									
Udder Depth	-0,02									
Rump Width	-2,03									
Rear Legs Rear View	-0,60									
Rear Teat Placement	-1,32									
Locomotion	0,77									
Body Condition	0,04									

daught. average

76,2	Frame	-1,10
74,0	Dairy Strength	-0,03
75,0	Feet & Legs	-1,50
76,4	Udder	-0,70
	SHI	-23,4
	rank	563.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
RADDISON	FR002929504174	23.04.2000	MNA-007
Country of origin	FR	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	05.11.2001
		FRA	777512

Pedigree

Sire	PGS	BIS-MAY S-E-L MOUNTAIN-ET
ETAZON ADDISON-ET	US000002070579	RAY-002
NL000839380546	PGD	TIDY-BROOK ELTON STEPH-ET
	US000014080279	
Dam	MGS	ETAZON CELSIUS-ET
MAILING	NL000460508522	
FR002996001261	MGD	HILARE
	FR002992000778	

Milk production data	SK 10/2018	Herds	44	Daug.	462	Rel.	98 %	SPI	1190
Number controls	BV	Milk	Fat	%	Prot.	%	rank	SCS	236.
8417	68	11	0,14	13	0,22	rank	SCS	3,17	779.

Type data	SHA 10/2018	Herds	41 / 16	Daug.	167	78,0	Rel.	92 %	TYPE	-1,28
									rank	812.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-2,50									
Angularity	-0,00									
Chest Width	0,68									
Body Depth	0,14									
Rump Angle	0,29									
Rear Legs Side View	0,92									
Foot Angle	-0,67									
Fore Udder Attachment	-1,26									
Front Teat Placement	-0,35									
Teat Length	0,23									
Rear Udder Height	-0,26									
Rear Udder Width	2,11									
Central Ligament	-1,04									
Udder Depth	-3,12									
Rump Width	0,35									
Rear Legs Rear View	1,10									
Rear Teat Placement	0,97									
Locomotion	0,28									
Body Condition	0,38									

daught. average

79,6	Frame	-2,01
79,4	Dairy Strength	0,37
78,0	Feet & Legs	-0,10
76,5	Udder	-0,95
rank	SHI	-15,3
rank		531.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
LATERA VALIANT CLEMO-ET	SK000021309055	06.11.1995	ELO-001
Country of origin SK		Breed	H100
Distributor		Herdbook	HA
		Paternity	

Pedigree

Sire	PGS	CAL-CLARK BOARD CHAIRMAN
ERNLO CHAIRMAN VALIANT		US000001723741
US000001972683	PGD	ERNLO VELVETA
CHR-008		US000011176478
Dam	MGS	GLENAFTON ENHANCER
RUANN ENHANCER ALYCE 87629		CA000000343514
US000013193030	MGD	RUANN STARWARS ALLEGRO 85378
		US000012309312

Milk production data	SK 10/2018	Herds	36	Daug.	120	Rel.	94 %	SPI	-2814
Number controls		BV		Milk		Fat		rank	1104.
2443				-464		-30	-0,26	SCS	3,67
						-21	-0,16	rank	1220.

Type data	SHA 10/2018	Herds	10 / 8	Daug.	19	75,3	Rel.	61 %	TYPE	-1,31
								rank	813.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,21									
Angularity	-0,26									
Chest Width	-0,87									
Body Depth	-0,51									
Rump Angle	0,20									
Rear Legs Side View	0,39									
Foot Angle	-1,05									
Fore Udder Attachment	-0,41									
Front Teat Placement	-1,50									
Teat Length	-1,30									
Rear Udder Height	-0,04									
Rear Udder Width	0,29									
Central Ligament	-1,13									
Udder Depth	-0,22									
Rump Width	2,48									
Rear Legs Rear View	-1,07									
Rear Teat Placement	-0,61									
Locomotion	-1,00									
Body Condition	0,34									

daught. average

78,6	Frame	-0,07
73,5	Dairy Strength	-0,83
76,2	Feet & Legs	-1,30
74,1	Udder	-1,29
	SHI	-137,1
	rank	841.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
MULOCK ET	DE000000397566	22.03.1995	MES-002

Country of origin	DE	Breed	R100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	04.05.1995
		DEU	95/6856

Pedigree

Sire	PGS	GLENAFTON ENHANCER
BROOKNOOK MILESTONE-ET RED		CA000000343514
CA000000400985	PGD	BROOKNOOK MILESTONE DEE
		CA0000003954472
Dam	MGS	MEADOLAKE JUBILANT-ET
LARA		CA000000376455
DE001021012732	MGD	LANCIA
		DE001020592825

Milk production data	SK 10/2018	Herds	78	Daug.	324	Rel.	97 %	SPI	-2725
Number controls		BV		Milk		Fat		rank	1081.
6051				-785		-1	0,43	SCS	3,41
						-21	0,07	rank	1067.

Type data	SHA 10/2018	Herds	6 / 4	Daug.	20	75,1	Rel.	66 %	TYPE	-1,31
								rank	814.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,34									
Angularity	-0,72									
Chest Width	-0,35									
Body Depth	-0,61									
Rump Angle	-1,52									
Rear Legs Side View	1,11									
Foot Angle	-0,08									
Fore Udder Attachment	-1,32									
Front Teat Placement	-0,97									
Teat Length	-0,35									
Rear Udder Height	-1,42									
Rear Udder Width	-0,03									
Central Ligament	-1,16									
Udder Depth	-0,66									
Rump Width	0,60									
Rear Legs Rear View	0,01									
Rear Teat Placement	-0,61									
Locomotion	-1,15									
Body Condition	2,06									

daught. average

79,4	Frame	-0,33
75,5	Dairy Strength	-1,10
76,8	Feet & Legs	-1,27
71,9	Udder	-0,95
	SHI	-134,4
	rank	834.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
MUSIC ET	DE000021142729	24.07.1992	MAS-001
Country of origin	DE	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	14.09.1992
		DEU	92/10593

Pedigree

Sire	PGS	WHITTIER-FARMS NED BOY
SINGING-BROOK N-BOY MASCOT-ET		US000001806201
US000002020049	PGD	JACKBUILT CHAIRMAN MANDY
NBV-011		US000011356580
Dam	MGS	GLENAFTON ENHANCER
TENNE		CA000000343514
DE001020286992	MGD	THERESE
		DE001020059887

Milk production data	SK 10/2018	Herds	68	Daug.	265	Rel.	97 %	SPI	-2792
Number controls		BV		Milk		Fat	%	rank	1102.
5283				-603	-21	0,03	-21	SCS	3,23
								rank	852.

Type data	SHA 10/2018	Herds	8 / 5	Daug.	31	74,7	Rel.	70 %	TYPE	-1,31
								rank	815.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,76									
Angularity	-2,26									
Chest Width	0,51									
Body Depth	0,52									
Rump Angle	-0,10									
Rear Legs Side View	0,33									
Foot Angle	0,21									
Fore Udder Attachment	0,20									
Front Teat Placement	-0,07									
Teat Length	0,20									
Rear Udder Height	-0,72									
Rear Udder Width	-0,58									
Central Ligament	-0,73									
Udder Depth	0,23									
Rump Width	-0,59									
Rear Legs Rear View	0,13									
Rear Teat Placement	-0,49									
Locomotion	0,02									
Body Condition	1,69									

daught. average

74,6	Frame	-0,57
70,3	Dairy Strength	-2,45
76,5	Feet & Legs	-0,53
76,0	Udder	-0,64
	SHI	-136,5
	rank	840.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
MANDOLIN	DE000578716683	04.12.1999	MED-003
Country of origin	DE	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	08.05.2000
		DEU	00/6576

Pedigree

Sire **PGS** OSDEL-ENDEAVOR BOVA CUBBY
HA-HO CUBBY MANFRED-ET
US000002183007
US000001986164 BA-002

PGD HA-HO TESK MELANIE
US000013066986

Dam **MGS** ETAZON FERRARI
JADE
DE000576547208
NL000514410403

MGD JUWEL
DE000076158686

Milk production data	SK 10/2018	Herds	46	Daug.	97	Rel.	93 %	SPI	1154
Number controls		BV		Milk		Fat		rank	243.
2080				437		11	-0,11	SCS	3,24
						4	-0,20	rank	872.

Type data	SHA 10/2018	Herds	14 / 9	Daug.	21	76,1	Rel.	61 %	TYPE	-1,31
								rank	816.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,64									
Angularity	-0,44									
Chest Width	-0,40									
Body Depth	-0,36									
Rump Angle	0,44									
Rear Legs Side View	0,99									
Foot Angle	-1,04									
Fore Udder Attachment	-1,53									
Front Teat Placement	-0,91									
Teat Length	1,15									
Rear Udder Height	-1,04									
Rear Udder Width	-0,93									
Central Ligament	-0,85									
Udder Depth	-1,03									
Rump Width	0,04									
Rear Legs Rear View	-0,96									
Rear Teat Placement	-0,76									
Locomotion	-0,47									
Body Condition	-0,18									

daught. average

78,5 **Frame** **-0,66**

76,2 **Dairy Strength** **-0,46**

76,5 **Feet & Legs** **-0,88**

74,7 **Udder** **-1,32**

SHI **-17,7**

rank 544.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
VAN-WAGNER JUMPIN JACK-ET	US000002161888	25.12.1990	BS-037
Country of origin	US	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	07.04.1992
		USA	IG168208A

Pedigree

Sire	PGS	CAL-CLARK BOARD CHAIRMAN
TO-MAR BLACKSTAR-ET	US000001723741	ADM-008
US000001929410	PGD	TO-MAR WAYNE HAY
CHR-002	US000009804790	
Dam	MGS	WALKWAY CHIEF MARK
OAKMULGEE MARK JACKPOT	US000001773417	
US000012689371	MGD	OAKMULGEE BELL JERI
	US000011488329	

Milk production data	SK 10/2018	Herds	42	Daug.	344	Rel.	98 %	SPI	-1345
Number controls	6936	BV		Milk	-293	Fat	-7	%	0,08
		Prot.	-12	%	-0,07	SCS	2,60	rank	767.
						rank	132.		

Type data	SHA 10/2018	Herds	21 / 11	Daug.	84	75,8	Rel.	87 %	TYPE	-1,31
									rank	817.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,92									
Angularity	-0,12									
Chest Width	-0,44									
Body Depth	-0,87									
Rump Angle	-0,68									
Rear Legs Side View	-0,59									
Foot Angle	-0,81									
Fore Udder Attachment	-0,12									
Front Teat Placement	0,58									
Teat Length	-0,44									
Rear Udder Height	-0,40									
Rear Udder Width	-2,00									
Central Ligament	0,44									
Udder Depth	1,38									
Rump Width	-1,25									
Rear Legs Rear View	-1,31									
Rear Teat Placement	0,38									
Locomotion	-0,98									
Body Condition	-0,29									

daught. average

78,4	Frame	-1,09
73,7	Dairy Strength	-0,57
76,2	Feet & Legs	-1,56
75,4	Udder	-0,60
	SHI	-93,0
	rank	786.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
RON-NAN MARIO-RED-ET	US000002244521	03.03.1994	MOR-006
Country of origin	US	Breed	R100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	04.11.1994
		USA	IG203614A

Pedigree

Sire	PGS	ROBE-JAN SKYLER CHIEF
MR HURL-THREE MOMENTUM RED-ET		US000001781631
US000002041332	PGD	BURTON-HILL CAVALIER MOLLY-RED
		US000011021483
Dam	MGS	KINGLEA LEADER
RON-NAN LEADER MITZI RED-ET		US000001926780
US000014169139	MGD	MISS RON-NAN ENHANCE MOLLI-RED
		US000012016893

Milk production data	SK 10/2018	Herds	188	Daug.	3422	Rel.	99 %	SPI	-772
Number controls		BV		Milk		Fat	%	Prot.	%
71299				41		-19	-0,39	-5	-0,14
								SCS	3,01
								rank	633.
								rank	584.

Type data	SHA 10/2018	Herds	48 / 18	Daug.	393	76,0	Rel.	97 %	TYPE	-1,31
									rank	818.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,56									
Angularity	0,21									
Chest Width	-0,38									
Body Depth	-0,67									
Rump Angle	0,17									
Rear Legs Side View	1,38									
Foot Angle	-0,88									
Fore Udder Attachment	-0,48									
Front Teat Placement	-0,61									
Teat Length	-3,16									
Rear Udder Height	-0,34									
Rear Udder Width	0,32									
Central Ligament	-1,37									
Udder Depth	-1,13									
Rump Width	2,22									
Rear Legs Rear View	-1,30									
Rear Teat Placement	-1,12									
Locomotion	-2,51									
Body Condition	-0,31									

daught. average

77,8	Frame	-0,41
76,3	Dairy Strength	-0,08
76,3	Feet & Legs	-2,13
74,8	Udder	-1,32
	SHI	-75,9
	rank	749.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
LATERA CUBBY MATO-ET	SK000021303055	01.09.1995	CB-002
Country of origin SK		Breed	H100
Distributor		Herdbook	HA
		Paternity	

Pedigree

Sire	PGS	ROCKALLI SON OF BOVA
OSDEL-ENDEAVOR BOVA CUBBY		US000001665634
US000001986164	PGD	RYND-HOME VALIANT CUTIE
BA-002		US000011268725
Dam	MGS	KDK VALIANT TESSIE 85225
VALI-GIRL TESSIE TAMMY-87452		US000001986749
US000013053861	MGD	KDK PETE TAMARA 4296-ET
		US000011227549

Milk production data	SK 10/2018	Herds	51	Daug.	136	Rel.	95 %	SPI	-2277
Number controls		BV		Milk		Fat		rank	983.
2597				-511		-18	0,01	SCS	3,05
								rank	625.

Type data	SHA 10/2018	Herds	16 / 13	Daug.	27	75,6	Rel.	69 %	TYPE	-1,33
								rank	819.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,98									
Angularity	-0,07									
Chest Width	0,55									
Body Depth	1,03									
Rump Angle	-1,49									
Rear Legs Side View	0,30									
Foot Angle	-1,48									
Fore Udder Attachment	0,31									
Front Teat Placement	0,16									
Teat Length	-0,51									
Rear Udder Height	-1,15									
Rear Udder Width	-0,42									
Central Ligament	-2,68									
Udder Depth	0,47									
Rump Width	-0,91									
Rear Legs Rear View	-1,39									
Rear Teat Placement	-0,94									
Locomotion	0,11									
Body Condition	1,37									

daught. average

76,7	Frame	-0,78
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75,0	Dairy Strength	0,83
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76,5	Feet & Legs	-0,82
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74,7	Udder	-1,96
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	SHI	-121,8
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rank 821.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
ARNELL CARDINAL-ET	CA000005567829	14.12.1991	JUB-019
Country of origin	CA	Breed	R100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	14.05.1992
		CAN	275420

Pedigree

Sire	PGS	HANOVER-HILL TRIPLE THREAT-RED
MEADOLAKE JUBILANT-ET		US000001629391
CA000000376455	PGD	CASS RIDGE R MAPLE JAZZ
		CA000003003616
Dam	MGS	PUGET-SOUND SHEIK
ARNELL MARQUIS DARLA		CA000000327279
CA000003532355	MGD	ARNELL MARQUIS KATHY
		CA000003047188

Milk production data	SK 10/2018	Herds	257	Daug.	4330	Rel.	99 %	SPI	-1346
Number controls		BV		Milk		Fat	%	Prot.	%
85086				-297		-1	0,02	-10	-0,03
								SCS	3,50
								rank	1140.

Type data	SHA 10/2018	Herds	25 / 13	Daug.	132	75,5	Rel.	90 %	TYPE	-1,37
									rank	820.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,17									
Angularity	-1,24									
Chest Width	0,36									
Body Depth	0,99									
Rump Angle	0,34									
Rear Legs Side View	2,31									
Foot Angle	-0,09									
Fore Udder Attachment	-2,43									
Front Teat Placement	-0,42									
Teat Length	1,32									
Rear Udder Height	-1,32									
Rear Udder Width	-0,18									
Central Ligament	-2,14									
Udder Depth	-1,97									
Rump Width	0,73									
Rear Legs Rear View	1,32									
Rear Teat Placement	-2,43									
Locomotion	-0,15									
Body Condition	0,04									

daught. average

77,5	Frame	0,43
75,8	Dairy Strength	-0,85
77,2	Feet & Legs	0,09
73,5	Udder	-2,59
	SHI	-95,6
	rank	792.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
MEDZICILIZIE HUNTER RADAN-ET	SK000000037853	30.05.1997	HUN-003
Country of origin SK		Breed	H100
Distributor		Herdbook	HA
		Paternity	

Pedigree

Sire	PGS	ART ACRES BELL PONTIAC-ET
AMELDIN II PONTIAC HUNTER-323		US000001878472
US000002094527		PTC-001
PTC-010	PGD	FAIR-HILL ROTATE HONEY-ET
		US000012680667
Dam	MGS	MADAWASKA AEROSTAR
ROTHROCK AERO DARICE-ET		CA000000383622
US000014606123		STB-011
	MGD	HILLTOP-HANOVER-B MARK DARIA
		US000012908540

Milk production data	SK 10/2018	Herds	32	Daug.	94	Rel.	93 %	SPI	587
Number controls		BV		Milk		Fat		rank	349.
2116				267		2	-0,16	3	-0,13
								SCS	3,09
								rank	682.

Type data	SHA 10/2018	Herds	12 / 7	Daug.	28	75,3	Rel.	69 %	TYPE	-1,38
								rank	821.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,10									
Angularity	-2,35									
Chest Width	0,19									
Body Depth	-1,04									
Rump Angle	-0,58									
Rear Legs Side View	-0,20									
Foot Angle	0,59									
Fore Udder Attachment	1,45									
Front Teat Placement	0,22									
Teat Length	0,16									
Rear Udder Height	-1,49									
Rear Udder Width	-2,79									
Central Ligament	-0,41									
Udder Depth	1,24									
Rump Width	-2,19									
Rear Legs Rear View	-0,78									
Rear Teat Placement	-0,34									
Locomotion	0,08									
Body Condition	0,11									

daught. average

76,6	Frame	-0,53
72,5	Dairy Strength	-2,44
75,6	Feet & Legs	0,05
75,8	Udder	-0,84
	SHI	-37,4
	rank	621.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
FAIR-HILL CHEYENNE-ET	US000002015769	08.07.1986	GEN-008
Country of origin	US	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	22.01.1987
		USA	IG91305C

Pedigree

Sire	PGS	GLENDELL ARLINDA CHIEF
ARLINDA ROTATE		US000001556373
US000001697572	PGD	ARLINDA CHIEF ROSE
		US000007370146
Dam	MGS	CARLIN-M IVANHOE BELL
KINGLEA BELL GINNY		US000001667366
US0000010923482	MGD	KINGLEA MONITOR GINGER SNAP
		US000009177739

Milk production data	SK 10/2018	Herds	48	Daug.	543	Rel.	99 %	SPI	-1357
Number controls		BV		Milk		Fat	%	rank	773.
11999				-266		-11	-0,03	SCS	2,87
						-11	-0,06	rank	384.

Type data	SHA 10/2018	Herds	13 / 9	Daug.	49	75,6	Rel.	83 %	TYPE	-1,38
								rank	822.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,77									
Angularity	-0,94									
Chest Width	-0,06									
Body Depth	0,57									
Rump Angle	-0,54									
Rear Legs Side View	0,46									
Foot Angle	-0,76									
Fore Udder Attachment	0,11									
Front Teat Placement	-0,37									
Teat Length	0,09									
Rear Udder Height	-1,19									
Rear Udder Width	-1,64									
Central Ligament	-0,19									
Udder Depth	0,43									
Rump Width	0,14									
Rear Legs Rear View	-0,16									
Rear Teat Placement	-0,78									
Locomotion	0,49									
Body Condition	-0,55									

daught. average

77,5	Frame	-0,61
73,6	Dairy Strength	-0,74
75,2	Feet & Legs	-1,41
75,6	Udder	-0,94
	SHI	-96,1
	rank	793.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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Bull name	Registration number	Birth date	State Register
FELIX-ET	DE00000414821	30.04.1997	FAL-001
Country of origin	DE	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	04.07.1997
		DEU	97/9351

Pedigree

Sire	PGS	PEN SPRING MR C (UGELA BELL)
FATAL		US000001920807
FR002290038601	PGD	BRUNE 84
		FR002286037388
Dam	MGS	TO-MAR BLACKSTAR-ET
PATSY 77		US000001929410
DE001021073067	MGD	PATSY
		DE001020777225

Milk production data	SK 10/2018	Herds	62	Daug.	313	Rel.	97 %	SPI	-715
Number controls		BV		Milk		Fat	%	rank	617.
5364				-50	-7	-0,10	-7	SCS	3,51
								rank	1146.

Type data	SHA 10/2018	Herds	7 / 4	Daug.	28	76,2	Rel.	66 %	TYPE	-1,38
								rank	823.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-1,22									
Angularity	0,78									
Chest Width	0,50									
Body Depth	-0,63									
Rump Angle	-1,04									
Rear Legs Side View	-0,55									
Foot Angle	-0,57									
Fore Udder Attachment	-1,33									
Front Teat Placement	-0,30									
Teat Length	0,58									
Rear Udder Height	-1,90									
Rear Udder Width	-2,61									
Central Ligament	0,35									
Udder Depth	-1,17									
Rump Width	0,96									
Rear Legs Rear View	-1,63									
Rear Teat Placement	1,13									
Locomotion	-0,55									
Body Condition	-0,11									

daught. average

78,0	Frame	-0,94
77,4	Dairy Strength	0,75
76,5	Feet & Legs	-1,26
74,4	Udder	-1,65
	SHI	-76,8
	rank	751.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
JACKPOT	NL000215932608	18.02.1998	JUL-001

Country of origin	NL	Breed	R100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	09.02.1999
		NLD	215932608

Pedigree

Sire	PGS	MEADOLAKE JUBILANT-ET
JUBEL		CA000000376455
DE000505893133	PGD	ELITE
JUB-016		DE000503837619
Dam	MGS	MARTY RED-ET
LOTJE		NL000959580420
NL000849216826	MGD	ETAZON WARSAU
		NL000829423064

Milk production data	SK 10/2018	Herds	53	Daug.	108	Rel.	94 %	SPI	965
Number controls		BV		Milk		Fat		rank	284.
2328				161		17	0,19	SCS	2,67
								rank	174.

Type data	SHA 10/2018	Herds	6 / 5	Daug.	17	75,2	Rel.	58 %	TYPE	-1,38
								rank	824.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,72									
Angularity	-2,20									
Chest Width	1,84									
Body Depth	0,86									
Rump Angle	1,48									
Rear Legs Side View	0,64									
Foot Angle	-0,72									
Fore Udder Attachment	-0,71									
Front Teat Placement	-0,45									
Teat Length	-1,62									
Rear Udder Height	-0,94									
Rear Udder Width	0,73									
Central Ligament	-1,80									
Udder Depth	-0,96									
Rump Width	-0,45									
Rear Legs Rear View	-0,04									
Rear Teat Placement	-0,75									
Locomotion	-0,46									
Body Condition	2,59									

daught. average

78,5	Frame	-0,29
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74,4	Dairy Strength	-1,40
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77,3	Feet & Legs	-1,06
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72,8	Udder	-1,33
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	SHI	-26,2
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rank 573.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
EXPLORER	NL000136857044	10.02.1995	NUH-001
Country of origin	NL	Breed	R100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	19.12.2000
		NLD	55172

Pedigree

Sire	PGS	KINGLEA LEADER
NUHAVEN LEADING EDGE RED-ET		US000001926780
US000002161466	PGD	BROOKS-MEADOW BELL JULIE
		US000011160261
Dam	MGS	OSDEL-ENDEAVOR BOVA CUBBY
BELLA 18		US000001986164
NL000797035775	MGD	BELLA 14
		NL000958421553

Milk production data	SK 10/2018	Herds	282	Daug.	5666	Rel.	99 %	SPI	-34
Number controls		BV		Milk		Fat	%	Prot.	%
114447				12		1	-0,01	-1	-0,04
								SCS	2,70
								rank	473.
								rank	196.

Type data	SHA 10/2018	Herds	52 / 25	Daug.	422	76,8	Rel.	96 %	TYPE	-1,39
									rank	825.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-1,14									
Angularity	-0,67									
Chest Width	-0,76									
Body Depth	-0,42									
Rump Angle	1,34									
Rear Legs Side View	0,81									
Foot Angle	-1,92									
Fore Udder Attachment	-0,72									
Front Teat Placement	0,01									
Teat Length	-0,28									
Rear Udder Height	0,27									
Rear Udder Width	0,49									
Central Ligament	-2,23									
Udder Depth	-1,04									
Rump Width	-0,22									
Rear Legs Rear View	0,46									
Rear Teat Placement	-1,78									
Locomotion	-0,60									
Body Condition	-1,05									

daught. average

78,9	Frame	-1,15
77,5	Dairy Strength	-1,06
76,9	Feet & Legs	-1,76
75,4	Udder	-0,62
	SHI	-56,8
	rank	684.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
KOPPEL-ET	DE00000913637	22.08.1996	KOR-003
Country of origin	DE	Breed	R100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	08.10.1996
		DEU	96/12395

Pedigree

Sire	PGS	ORKAN
KOERIER 104		DE001004565147
NL000461733916	PGD	TRIX 149
		NL000457698339
Dam	MGS	HONDO FRAELAND TRI RUSTY RED-ET
MONTANA		CA000000363215
DE000505835682	MGD	MALVE
		DE000503888062

Milk production data	SK 10/2018	Herds	88	Daug.	881	Rel.	99 %	SPI	-1771
Number controls		BV		Milk		Fat	%	rank	876.
19562				-463		-1	0,32	SCS	2,52
						-17	-0,07	rank	85.

Type data	SHA 10/2018	Herds	16 / 5	Daug.	127	77,5	Rel.	90 %	TYPE	-1,40
								rank	826.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-2,61									
Angularity	-0,87									
Chest Width	-0,49									
Body Depth	0,26									
Rump Angle	0,44									
Rear Legs Side View	1,13									
Foot Angle	-1,17									
Fore Udder Attachment	0,06									
Front Teat Placement	0,84									
Teat Length	-1,04									
Rear Udder Height	-0,94									
Rear Udder Width	-1,59									
Central Ligament	-0,31									
Udder Depth	-0,18									
Rump Width	-2,57									
Rear Legs Rear View	0,05									
Rear Teat Placement	-1,17									
Locomotion	0,90									
Body Condition	0,79									

daught. average

77,6	Frame	-2,51
77,9	Dairy Strength	-0,93
78,7	Feet & Legs	-0,47
76,7	Udder	0,10
	SHI	-109,4
	rank	810.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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Bull name	Registration number	Birth date	State Register
ELUSIVE-ET	SK000047053853	08.12.1994	EVE-002
Country of origin	SK	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	27.11.1995
		SVK	0202/03

Pedigree

Sire	PGS	ARLINDA ROTATE
ELUSIVE ROTATE DUKE-ET		US000001697572
US000002027752	PGD	BONWOOD VALIANT DREAM
GEN-009		US000011082940
Dam	MGS	MARSHFIELD ELEVATION TONY
MANSION-VALLEY TONY BERTIE-ET		US000001626813
US000012156936	MGD	WILLARDS MATT BERTHA
		US000009998778

Milk production data	SK 10/2018	Herds	46	Daug.	169	Rel.	96 %	SPI	-840
Number controls		BV		Milk		Fat		rank	650.
3135				-137		-4	0,02	SCS	2,77
						-9	-0,10	rank	274.

Type data	SHA 10/2018	Herds	15 / 10	Daug.	33	75,4	Rel.	73 %	TYPE	-1,44
								rank	827.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,98									
Angularity	-0,50									
Chest Width	-0,98									
Body Depth	0,63									
Rump Angle	1,83									
Rear Legs Side View	0,53									
Foot Angle	-0,77									
Fore Udder Attachment	-1,15									
Front Teat Placement	0,50									
Teat Length	-0,38									
Rear Udder Height	-0,95									
Rear Udder Width	-0,79									
Central Ligament	-1,19									
Udder Depth	-0,75									
Rump Width	-0,43									
Rear Legs Rear View	-0,92									
Rear Teat Placement	-0,07									
Locomotion	1,01									
Body Condition	-0,11									

daught. average

76,7	Frame	-1,14
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73,4	Dairy Strength	-0,71
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75,8	Feet & Legs	-1,03
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75,5	Udder	-0,96
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	SHI	-82,8
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rank 769.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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Bull name	Registration number	Birth date	State Register
CIFER MICA MADRO ET	SK000069260862	25.06.1997	MIC-005
Country of origin SK		Breed	H100
Distributor		Herdbook	HA
		Paternity	

Pedigree

Sire	PGS	ARLINDA MELWOOD-ET	
CMV MICA-ET		US000001879149	
US000002125714	PGD	BRIARPATCH-R MISTY-ET	
		US000012882374	
Dam	MGS	MADAWASKA AEROSTAR	
LEXVOLD AEROSTAR PRETZ9-ET		CA000000383622	STB-011
US000014788970	MGD	LEXVOLD BOARD CHAIRMAN PRETZEL	
		US000012191036	

Milk production data	SK 10/2018	Herds	34	Daug.	92	Rel.	92 %	SPI	317
Number controls		BV		Milk		Fat	%	Prot.	%
1603				-25		12	0,22	1	0,03
								SCS	3,09
								rank	395.
								rank	684.

Type data	SHA 10/2018	Herds	20 / 14	Daug.	37	75,9	Rel.	72 %	TYPE	-1,44
									rank	828.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-1,62									
Angularity	-0,19									
Chest Width	-0,21									
Body Depth	-0,90									
Rump Angle	-0,19									
Rear Legs Side View	-0,20									
Foot Angle	0,11									
Fore Udder Attachment	-1,51									
Front Teat Placement	-1,66									
Teat Length	0,57									
Rear Udder Height	-0,39									
Rear Udder Width	0,36									
Central Ligament	-0,77									
Udder Depth	-1,52									
Rump Width	-0,78									
Rear Legs Rear View	-0,72									
Rear Teat Placement	-1,25									
Locomotion	-0,17									
Body Condition	-1,45									

daught. average

76,3	Frame	-1,84
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75,1	Dairy Strength	-0,54
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76,5	Feet & Legs	0,06
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75,8	Udder	-1,05
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	SHI	-48,0
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rank 654.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
JELITE RED	FR005994022692	28.07.1994	MOR-007
Country of origin	FR	Breed	R100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	07.07.1995
		FRA	574883

Pedigree

Sire	PGS	ROBE-JAN SKYLER CHIEF
MR HURL-THREE MOMENTUM RED-ET		US000001781631
US000002041332	PGD	BURTON-HILL CAVALIER MOLLY-RED
		US000011021483
Dam	MGS	ROTHROCK TRADITION LEADMAN
MASAL FEATHERS ELITE-ET		US000001983348
US000014415203	MGD	REN-BOW ENHANCER FEATHER-RED
		US000012426436

Milk production data	SK 10/2018	Herds	125	Daug.	1289	Rel.	99 %	SPI	507
Number controls		BV		Milk		Fat		rank	359.
27938				362		-6	-0,35	3	-0,18
								SCS	3,25
								rank	885.

Type data	SHA 10/2018	Herds	8 / 4	Daug.	26	75,7	Rel.	69 %	TYPE	-1,44
								rank	829.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-1,51									
Angularity	-0,44									
Chest Width	-0,23									
Body Depth	-0,56									
Rump Angle	2,15									
Rear Legs Side View	-0,67									
Foot Angle	-0,13									
Fore Udder Attachment	-0,84									
Front Teat Placement	-0,66									
Teat Length	-1,16									
Rear Udder Height	0,47									
Rear Udder Width	-0,18									
Central Ligament	-1,56									
Udder Depth	-0,92									
Rump Width	-0,95									
Rear Legs Rear View	-2,79									
Rear Teat Placement	-0,80									
Locomotion	-1,96									
Body Condition	0,93									

daught. average

76,3	Frame	-1,49
74,9	Dairy Strength	-0,87
76,5	Feet & Legs	-1,38
75,2	Udder	-0,49
	SHI	-42,4
	rank	641.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
SFL FABULOUS MONET RED-ET	US000002217394	03.03.1993	MOR-009
Country of origin	US	Breed	R100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	10.06.1993
		DEU	948700

Pedigree

Sire	PGS	ROBE-JAN SKYLER CHIEF
MR HURL-THREE MOMENTUM RED-ET		US000001781631
US000002041332	PGD	BURTON-HILL CAVALIER MOLLY-RED
		US0000011021483
Dam	MGS	GLENAFTON ENHANCER
SFL ENHANCER SHARNA RED-ET		CA000000343514
US0000013531356	MGD	STOOKEY FAGN SCARLET RED-ET
		US0000011681841

Milk production data	SK 10/2018	Herds	29	Daug.	297	Rel.	97 %	SPI	1038
Number controls		BV		Milk		Fat	%	Prot.	%
5597				594		-3	-0,45	5	-0,28
								SCS	2,79
								rank	267.
								rank	300.

Type data	SHA 10/2018	Herds	8 / 4	Daug.	85	76,1	Rel.	86 %	TYPE	-1,45
									rank	830.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-1,27									
Angularity	-1,25									
Chest Width	1,31									
Body Depth	0,45									
Rump Angle	0,73									
Rear Legs Side View	1,65									
Foot Angle	-0,81									
Fore Udder Attachment	-0,72									
Front Teat Placement	-1,02									
Teat Length	-2,18									
Rear Udder Height	-0,16									
Rear Udder Width	-0,05									
Central Ligament	-2,45									
Udder Depth	-2,09									
Rump Width	0,99									
Rear Legs Rear View	0,72									
Rear Teat Placement	-1,13									
Locomotion	-1,22									
Body Condition	0,15									

daught. average

78,0	Frame	-0,55
76,5	Dairy Strength	-0,50
77,7	Feet & Legs	-0,74
74,2	Udder	-1,70
	SHI	-26,6
	rank	574.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

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e-mail: holstein@holstein.sk www.holstein.sk

Bull name		Registration number	Birth date	State Register
DUALLYN		HU002301315384	23.09.1983	DUL-002
Country of origin	HU		Breed	R100
Distributor	Maďarsko		Herdbook	HA
			Paternity	

Pedigree

Sire	PGS	STRICKLER PRINCE DON US000001516342
STRICKLER DON,DUALLYN-RED US000001599084	PGD	E-STRICKLER CRITER.,BLAZE US000006887693
Dam	MGS	HANOVER-HILL TRIPLE THREAT-RED US000001629391
2301.URAN HU001538402301	MGD	993.URAN HU001538400993

Milk production data	SK 10/2018	Herds	122	Daug.	1108	Rel.	99 %	SPI	-3106
Number controls		BV		Milk		Fat		%	Prot.
20134				-688		-27		-0,02	-22
								rank	1151.
								SCS	3,15
								rank	750.

Type data	SHA 10/2018	Herds	9 / 7	Daug.	42	73,6	Rel.	74 %	TYPE	-1,45
									rank	831.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-1,44									
Angularity	-1,50									
Chest Width	1,41									
Body Depth	0,96									
Rump Angle	-0,86									
Rear Legs Side View	0,75									
Foot Angle	-1,72									
Fore Udder Attachment	-1,17									
Front Teat Placement	-0,34									
Teat Length	0,04									
Rear Udder Height	-1,60									
Rear Udder Width	-0,82									
Central Ligament	-0,04									
Udder Depth	-1,05									
Rump Width	0,59									
Rear Legs Rear View	0,11									
Rear Teat Placement	0,13									
Locomotion	0,18									
Body Condition	1,39									

daught. average

73,3	Frame	-0,88
70,5	Dairy Strength	-0,86
74,4	Feet & Legs	-1,49
75,0	Udder	-0,95
	SHI	-151,7
	rank	851.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

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Bull name	Registration number	Birth date	State Register
ETNA REX	FR004489040027	28.01.1989	BEX-001
Country of origin	FR	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	02.08.1994
		FRA	GS399697

Pedigree

Sire	PGS	CARLIN-M IVANHOE BELL
LUTZ-BROOKVIEW BELL REX-ET		US000001667366
US000001875896	PGD	LUTZ-BROOKVIEW BOVA ALICE
		US000009408721
Dam	MGS	CAL-CLARK BOARD CHAIRMAN
BIS-MAY CHAIRMAN MERRI		US000001723741
US0000011633203	MGD	BIS-MAY JUPITER MABEL
		US0000010514408
		ADM-008

Milk production data	SK 10/2018	Herds	110	Daug.	1314	Rel.	99 %	SPI	642
Number controls		BV		Milk		Fat		rank	340.
24972				138		10	0,07	SCS	3,42
						3	-0,03	rank	1073.

Type data	SHA 10/2018	Herds	15 / 11	Daug.	92	75,1	Rel.	86 %	TYPE	-1,46
								rank	832.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-1,11									
Angularity	-0,21									
Chest Width	-1,01									
Body Depth	-1,98									
Rump Angle	-0,04									
Rear Legs Side View	-0,46									
Foot Angle	-0,54									
Fore Udder Attachment	-0,52									
Front Teat Placement	0,66									
Teat Length	-1,55									
Rear Udder Height	-0,42									
Rear Udder Width	-0,51									
Central Ligament	0,66									
Udder Depth	-0,01									
Rump Width	-1,24									
Rear Legs Rear View	-1,33									
Rear Teat Placement	-0,19									
Locomotion	-1,48									
Body Condition	0,05									

daught. average

76,3	Frame	-1,54
72,7	Dairy Strength	-1,08
75,5	Feet & Legs	-1,76
75,6	Udder	-0,00
	SHI	-38,9
	rank	630.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
UENK TORINO	NL000438994357	26.02.2006	GOG-001
Country of origin	NL	Breed	R100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	29.06.2006
		NL	142011

Pedigree

Sire	PGS	DELTA ELDORADO
TOPSPEED GOGO		NL000190571881
NL000240295769	PGD	CRYSTAL TOPSPEED GINY
		NL000164821217
Dam	MGS	LIGHTNING
LONIA 95		NL000170475222
NL000358983509	MGD	APINA MASSIA 14
		NL000203537453

Milk production data	SK 10/2018	Herds	66	Daug.	1886	Rel.	99 %	SPI	-1418
Number controls		BV		Milk		Fat	%	rank	787.
35956				-479		-23	-0,11	SCS	3,09
								rank	681.

Type data	SHA 10/2018	Herds	23 / 9	Daug.	297	79,0	Rel.	95 %	TYPE	-1,47
								rank	833.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-1,02									
Angularity	-1,45									
Chest Width	0,52									
Body Depth	0,86									
Rump Angle	1,18									
Rear Legs Side View	-0,86									
Foot Angle	-1,13									
Fore Udder Attachment	-0,80									
Front Teat Placement	0,25									
Teat Length	-0,83									
Rear Udder Height	-1,32									
Rear Udder Width	0,27									
Central Ligament	-3,44									
Udder Depth	-1,92									
Rump Width	0,98									
Rear Legs Rear View	0,68									
Rear Teat Placement	-2,19									
Locomotion	1,43									
Body Condition	1,91									

daught. average

82,9	Frame	-0,39
80,4	Dairy Strength	-1,10
81,0	Feet & Legs	-0,38
75,4	Udder	-1,91
	SHI	-101,4
	rank	804.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
MASCOT ET	DE000021220716	13.09.1992	MAS-002
Country of origin	DE	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	25.01.1993
		DEU	93/1119

Pedigree

Sire	PGS	WHITTIER-FARMS NED BOY
SINGING-BROOK N-BOY MASCOT-ET		US000001806201
US000002020049	PGD	JACKBUILT CHAIRMAN MANDY
NBY-011		US000011356580
Dam	MGS	HANOVER-HILL TRIPLE THREAT-RED
DANIELA		US000001629391
DE001020664668	MGD	DESIREE
		DE001020448852

Milk production data	SK 10/2018	Herds	66	Daug.	608	Rel.	99 %	SPI	-716
Number controls		BV		Milk		Fat		rank	618.
11163				-170		-7	-0,03	SCS	2,99
						-4	0,01	rank	549.

Type data	SHA 10/2018	Herds	10 / 6	Daug.	40	76,4	Rel.	79 %	TYPE	-1,48
								rank	834.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-1,83									
Angularity	-0,24									
Chest Width	-0,71									
Body Depth	-1,04									
Rump Angle	-0,22									
Rear Legs Side View	0,82									
Foot Angle	-0,68									
Fore Udder Attachment	-0,55									
Front Teat Placement	1,01									
Teat Length	-0,93									
Rear Udder Height	-0,35									
Rear Udder Width	-1,18									
Central Ligament	0,11									
Udder Depth	-0,39									
Rump Width	-1,08									
Rear Legs Rear View	-2,62									
Rear Teat Placement	0,54									
Locomotion	-0,85									
Body Condition	0,53									

daught. average

77,2	Frame	-2,03
74,7	Dairy Strength	-0,83
76,0	Feet & Legs	-2,04
77,0	Udder	0,13
	SHI	-80,9
	rank	761.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
AMIGO	DE000015218915	17.12.1991	ARS-001
Country of origin	DE	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	

Pedigree

Sire	PGS	HANOVERHILL STARBUCK	
MADAWASKA AEROSTAR		CA000000352790	
CA000000383622	PGD	MADAWASKA SHADY	
STB-011		CA0000003511527	
Dam	MGS	ADLER	
MEIKE		DE001004435155	ASR-006
DE001015052287	MGD	MEIKE	
		DE001004547094	

Milk production data	SK 10/2018	Herds	317	Daug.	4841	Rel.	99 %	SPI	-941
Number controls		BV		Milk		Fat	%	Prot.	%
97210				-191		-7	-0,01	-7	-0,04
								SCS	3,06
								rank	678.
								rank	637.

Type data	SHA 10/2018	Herds	74 / 39	Daug.	447	75,9	Rel.	97 %	TYPE	-1,49
									rank	835.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,45									
Angularity	0,26									
Chest Width	-1,18									
Body Depth	-0,68									
Rump Angle	-0,17									
Rear Legs Side View	0,13									
Foot Angle	-1,29									
Fore Udder Attachment	-0,61									
Front Teat Placement	-2,56									
Teat Length	0,80									
Rear Udder Height	-0,82									
Rear Udder Width	-1,06									
Central Ligament	0,27									
Udder Depth	-0,10									
Rump Width	-1,08									
Rear Legs Rear View	-0,42									
Rear Teat Placement	-0,70									
Locomotion	0,05									
Body Condition	-0,02									

daught. average

77,3	Frame	-0,88
74,4	Dairy Strength	-0,16
76,9	Feet & Legs	-1,19
75,4	Udder	-1,44
	SHI	-87,8
	rank	778.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
TUNNEL-ET	DE000533316662	09.05.2000	PEL-018
Country of origin	DE	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	22.05.2000
		DEU	00/7128

Pedigree

Sire	PGS	RONNYBROOK PRELUDE-ET
OLMO PRELUDE TUGOLO		CA000000392457
IT000908017670	PGD	OLMO BLACKSTAR ELENA
		IT000907006755
Dam	MGS	WA-DEL RC MATT-ET
CHANEL 75		US000002118528
DE000532256152	MGD	CHRISSE 29
		DE000729609293

Milk production data	SK 10/2018	Herds	38	Daug.	79	Rel.	91 %	SPI	730
Number controls		BV		Milk		Fat		rank	319.
1485				52		22	0,36	SCS	3,24
						1	-0,02	rank	871.

Type data	SHA 10/2018	Herds	7 / 6	Daug.	11	74,7	Rel.	45 %	TYPE	-1,53
								rank	836.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-1,13									
Angularity	-0,98									
Chest Width	-0,46									
Body Depth	-0,61									
Rump Angle	0,08									
Rear Legs Side View	0,48									
Foot Angle	0,02									
Fore Udder Attachment	-1,78									
Front Teat Placement	-0,92									
Teat Length	0,26									
Rear Udder Height	-1,33									
Rear Udder Width	-1,45									
Central Ligament	-1,20									
Udder Depth	-0,14									
Rump Width	0,22									
Rear Legs Rear View	-0,48									
Rear Teat Placement	0,64									
Locomotion	0,16									
Body Condition	-0,03									

daught. average

76,5	Frame	-1,31
74,5	Dairy Strength	-0,93
77,4	Feet & Legs	-0,17
72,6	Udder	-1,71
	SHI	-39,0
	rank	631.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
SURE-VIEW AMERICA-RED-ET	US000133893623	11.03.2003	PRX-004
Country of origin	US	Breed	R100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	05.12.2003
		US	16507A

Pedigree

Sire	PGS	GLEN-TOCTIN JOHNSON-ET
STARSTRUCK J PARADOX-RED-ET		US000002145651
US000017286871	PGD	J-DON MENTUM PILLAR-RED-ET
		US000015062983
Dam	MGS	STARTMORE RUDOLPH-ET
SURE-VIEW RUDLF ASPIRIN-ET		CA000005470579
US000017314216	MGD	SURE-VIEW JUBILANT AVA
		US000014720690

Milk production data	SK 10/2018	Herds	10	Daug.	39	Rel.	82 %	SPI	818
Number controls		BV		Milk		Fat		rank	305.
643				210		-0	-0,16	8	0,03
								SCS	3,55
								rank	1162.

Type data	SHA 10/2018	Herds	10 / 3	Daug.	20	79,0	Rel.	57 %	TYPE	-1,53
								rank	837.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-1,82									
Angularity	0,75									
Chest Width	-1,12									
Body Depth	-0,17									
Rump Angle	0,16									
Rear Legs Side View	1,03									
Foot Angle	-3,16									
Fore Udder Attachment	0,45									
Front Teat Placement	-0,02									
Teat Length	-1,12									
Rear Udder Height	0,08									
Rear Udder Width	-0,28									
Central Ligament	-1,04									
Udder Depth	-0,52									
Rump Width	-0,93									
Rear Legs Rear View	-0,65									
Rear Teat Placement	-0,24									
Locomotion	-0,68									
Body Condition	-1,33									

daught. average

79,9	Frame	-1,91
81,3	Dairy Strength	-0,19
79,1	Feet & Legs	-2,56
77,1	Udder	-0,31
	SHI	-36,4
	rank	613.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
CESAR-ET	CZ000045702386	01.04.1998	CAS-001

Country of origin	CZ	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	22.04.1999
		CSK	4704/33

Pedigree

Sire	PGS	SKALSUMER SUNNY BOY-ET
EASTLAND CASH		NL000311651443
NL000775328514	PGD	EASTLAND GOLDEN ET
SUB-005		NL000514152714
Dam	MGS	HOW-EL-ACRES KIRK BELLMAN-ET
COOKSVALLEY-ML CARLOTTA-ET		US000001874634
US000015013632	MGD	COOKSVALLEY-ML CARLA-ET
		US000014299129

Milk production data	SK 10/2018	Herds	46	Daug.	105	Rel.	94 %	SPI	753
Number controls		BV		Milk		Fat	%	Prot.	%
2174				-117		13	0,32	9	0,27
								SCS	3,15
								rank	742.

Type data	SHA 10/2018	Herds	13 / 10	Daug.	20	75,9	Rel.	63 %	TYPE	-1,54
									rank	838.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,28									
Angularity	-0,90									
Chest Width	0,29									
Body Depth	-0,72									
Rump Angle	1,07									
Rear Legs Side View	0,23									
Foot Angle	0,36									
Fore Udder Attachment	0,15									
Front Teat Placement	-1,30									
Teat Length	1,27									
Rear Udder Height	-1,14									
Rear Udder Width	-1,34									
Central Ligament	-1,63									
Udder Depth	0,23									
Rump Width	-1,70									
Rear Legs Rear View	-0,28									
Rear Teat Placement	-0,68									
Locomotion	0,17									
Body Condition	0,80									

daught. average

78,7	Frame	-0,52
74,9	Dairy Strength	-0,87
77,3	Feet & Legs	-0,49
74,2	Udder	-1,74
	SHI	-38,8
	rank	628.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
ASOCA GENI	FR003585025740	21.06.1985	GES-001
Country of origin	FR	Breed	H100
Distributor	Francúzsko	Herdbook	HA
		Paternity	..

Pedigree

Sire	PGS	FLEETRIDGE MONITOR
SUN-KOTA GENIE,GENIUS		US000001432733
US000001734212	PGD	TIDY SUN-KOTA CHIEF,GENIE
		US000007593833
Dam	MGS	S-W-D VALIANT
VIDJALIANT		US000001650414
FR003583051425	MGD	SIDJA 920
		FR003581040920

Milk production data	SK 10/2018	Herds	83	Daug.	588	Rel.	99 %	SPI	-2880
Number controls		BV		Milk		Fat		rank	1110.
12235				-717		-26	0,01	SCS	3,65
						-18	0,10	rank	1214.

Type data	SHA 10/2018	Herds	9 / 7	Daug.	18	74,1	Rel.	68 %	TYPE	-1,57
								rank	839.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,61									
Angularity	-1,52									
Chest Width	1,11									
Body Depth	-0,18									
Rump Angle	-0,11									
Rear Legs Side View	0,60									
Foot Angle	-0,64									
Fore Udder Attachment	-1,42									
Front Teat Placement	-1,87									
Teat Length	-0,36									
Rear Udder Height	-1,60									
Rear Udder Width	-1,49									
Central Ligament	-0,03									
Udder Depth	-0,86									
Rump Width	0,65									
Rear Legs Rear View	0,38									
Rear Teat Placement	-1,69									
Locomotion	0,15									
Body Condition	1,43									

daught. average

74,7	Frame	-0,32
70,3	Dairy Strength	-1,46
74,8	Feet & Legs	-0,40
75,3	Udder	-1,75
	SHI	-149,5
	rank	849.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
RUDI	DE000609695599	03.08.1990	RY-001
Country of origin	DE	Breed	R100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	14.10.1991
		DEU	91/13189

Pedigree

Sire	PGS	COLDSPRINGS ELEVATION FAGIN
LATUCH FAGIN RUSTY RED		US000001689839
US000001892411	PGD	LATUCH FAYNE PENSTATE
		US000009298268
Dam	MGS	ANKER
CIANKE 243		DE009010369937
DE000607277499	MGD	CITRONE 102
		DE001008200630

Milk production data	SK 10/2018	Herds	164	Daug.	2338	Rel.	99 %	SPI	-726
Number controls		BV		Milk		Fat		rank	621.
47333				-328		1	0,26	SCS	2,91
						-5	0,12	rank	435.

Type data	SHA 10/2018	Herds	19 / 9	Daug.	97	75,8	Rel.	89 %	TYPE	-1,58
								rank	840.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,49									
Angularity	-1,17									
Chest Width	-0,29									
Body Depth	0,65									
Rump Angle	0,55									
Rear Legs Side View	1,22									
Foot Angle	-0,07									
Fore Udder Attachment	-1,17									
Front Teat Placement	-1,28									
Teat Length	-1,63									
Rear Udder Height	-0,87									
Rear Udder Width	0,18									
Central Ligament	-2,37									
Udder Depth	-1,57									
Rump Width	-1,24									
Rear Legs Rear View	0,01									
Rear Teat Placement	-2,15									
Locomotion	-0,69									
Body Condition	-0,52									

daught. average

79,0	Frame	-0,34
74,6	Dairy Strength	-1,25
77,6	Feet & Legs	-0,20
74,0	Udder	-1,99
	SHI	-85,2
	rank	771.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
MAIN-ET	DE001020592826	26.07.1987	WLK-012
Country of origin	DE	Breed	H100
Distributor	Nemecko	Herdbook	HA
		Paternity	

Pedigree

Sire	PGS	PAWNEE FARM ARLINDA CHIEF
WALKWAY CHIEF MARK		US000001427381
US000001773417	PGD	WALKWAY MATT MAMIE
		US000008309147
Dam	MGS	ROUND OAK RAG APPLE ELEVATION
GREETJE		US000001491007
DE001008176844	MGD	GRETCHEN
		DE001005205273

Milk production data	SK 10/2018	Herds	255	Daug.	3163	Rel.	99 %	SPI	-3209
Number controls		BV		Milk		Fat		rank	1175.
62838				-771		-22	0,15	SCS	3,01
						-24	-0,00	rank	576.

Type data	SHA 10/2018	Herds	34 / 25	Daug.	314	75,4	Rel.	96 %	TYPE	-1,59
								rank	841.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-2,28									
Angularity	-1,38									
Chest Width	0,99									
Body Depth	0,79									
Rump Angle	-0,56									
Rear Legs Side View	1,23									
Foot Angle	-1,11									
Fore Udder Attachment	-0,26									
Front Teat Placement	-0,91									
Teat Length	0,18									
Rear Udder Height	-0,45									
Rear Udder Width	-0,05									
Central Ligament	-0,62									
Udder Depth	-1,18									
Rump Width	1,22									
Rear Legs Rear View	-1,12									
Rear Teat Placement	-0,42									
Locomotion	-0,17									
Body Condition	0,46									

daught. average

75,0	Frame	-1,51
72,9	Dairy Strength	-0,88
76,5	Feet & Legs	-2,26
76,3	Udder	-0,42
	SHI	-160,5
	rank	862.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
CLOVER-MIST RED,POWERPACK-ET	US000002078484	01.06.1988	CNR-003

Country of origin	US	Breed	R100
Distributor		Herdbook	HA
		Paternity	01.05.1989
		USA	IG 123602C

Pedigree

Sire	PGS	CA-LILL STANDOUT CAVALIER
HOWARD-HOME CAVEMAN-RED		US000001620273
US000001842371	PGD	HOWARD-HOME TRIPLE JAE RED
CRR-004		US000009613867
Dam	MGS	GLENAFTON ENHANCER
CLOVER-MATT-WEST,BRIDGET-ET		CA000000343514
US000011831011	MGD	MAPLE-NOTCH BOLD,BEAUTY
		US000010058183

Milk production data	SK 10/2018	Herds	27	Daug.	88	Rel.	93 %	SPI	-3100
Number controls		BV		Milk	Fat	%	Prot.	rank	1149.
2216				-748	-25	0,08	-22	SCS	3,03
								rank	604.

Type data	SHA 10/2018	Herds	7 / 2	Daug.	23	74,4	Rel.	60 %	TYPE	-1,61
								rank	842.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-1,28									
Angularity	-1,92									
Chest Width	0,77									
Body Depth	1,22									
Rump Angle	-0,68									
Rear Legs Side View	0,03									
Foot Angle	-0,01									
Fore Udder Attachment	-1,19									
Front Teat Placement	-1,29									
Teat Length	-0,34									
Rear Udder Height	-0,41									
Rear Udder Width	0,13									
Central Ligament	-1,92									
Udder Depth	-0,66									
Rump Width	-0,50									
Rear Legs Rear View	-0,36									
Rear Teat Placement	-1,83									
Locomotion	-0,23									
Body Condition	0,61									

daught. average

74,6	Frame	-0,87
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70,3	Dairy Strength	-1,76
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76,5	Feet & Legs	-0,78
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75,3	Udder	-1,23
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	SHI	-158,1
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rank 861.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
CIFER BELLWOOD BRANDY-ET	SK000069220862	07.05.1997	BW-005
Country of origin	SK	Breed	H100
Distributor	Rolnicke druzstvo v Ciferi	Herdbook	HA
		Paternity	

Pedigree

Sire	PGS	ARLINDA MELWOOD-ET
MAIZEFIELD BELLWOOD-ET		US000001879149
US000002103297	PGD	BREN-WAY BELL BETSY
MEW-004		US000012052401
Dam	MGS	SINGING-BROOK N-BOY MASCOT-ET
WYSSLAWN MASCOT LANA-ET		US000002020049
US000014909450	MGD	VRIEZLAND TMB LORIE-ET
		US000014317087

Milk production data	SK 10/2018	Herds	261	Daug.	4493	Rel.	99 %	SPI	133
Number controls		BV		Milk		Fat	%	Prot.	%
84997				73		6	0,06	-2	-0,10
								SCS	3,07
								rank	437.
								rank	648.

Type data	SHA 10/2018	Herds	62 / 29	Daug.	241	77,4	Rel.	94 %	TYPE	-1,66
									rank	843.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-1,34									
Angularity	0,18									
Chest Width	-2,34									
Body Depth	-1,28									
Rump Angle	0,37									
Rear Legs Side View	1,28									
Foot Angle	-0,27									
Fore Udder Attachment	-0,52									
Front Teat Placement	-0,73									
Teat Length	1,40									
Rear Udder Height	0,43									
Rear Udder Width	0,43									
Central Ligament	-0,88									
Udder Depth	-0,86									
Rump Width	-0,94									
Rear Legs Rear View	-1,73									
Rear Teat Placement	-1,44									
Locomotion	-2,05									
Body Condition	-1,84									

daught. average

78,8	Frame	-1,92
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77,9	Dairy Strength	-1,09
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76,9	Feet & Legs	-2,04
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76,6	Udder	-0,31
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	SHI	-62,3
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rank 703.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
HANEK-ET	SK000047054853	10.12.1994	HAC-001
Country of origin	SK	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	27.11.1995
		SVK	0202/04

Pedigree

Sire	PGS	RUANN GOLDEN NUGGET KLARK
LA-POE K HARDTAC-ET		US000001829881
US000002073505	PGD	LA-POE B C HONESTY
KLK-002		US000011895858
Dam	MGS	CURTMAID EMERALD TARGET
LOOK-UP TARGET SALENA-ET		US000002030882
US000014904503	MGD	LONG-HAVEN SOUTH SUGAR-ET
		US000014145056

Milk production data	SK 10/2018	Herds	57	Daug.	145	Rel.	95 %	SPI	-2391
Number controls	BV	Milk	Fat	%	Prot.	%		rank	1006.
2672		-573	-16	0,12	-18	-0,02		SCS	3,64
								rank	1208.

Type data	SHA 10/2018	Herds	8 / 7	Daug.	10	75,2	Rel.	58 %	TYPE	-1,66
									rank	844.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,90									
Angularity	-0,69									
Chest Width	0,18									
Body Depth	-0,86									
Rump Angle	0,31									
Rear Legs Side View	0,66									
Foot Angle	-0,06									
Fore Udder Attachment	-1,57									
Front Teat Placement	-1,26									
Teat Length	0,25									
Rear Udder Height	-0,43									
Rear Udder Width	-1,21									
Central Ligament	0,13									
Udder Depth	-0,44									
Rump Width	-0,31									
Rear Legs Rear View	-1,08									
Rear Teat Placement	-1,10									
Locomotion	-1,80									
Body Condition	0,32									

daught. average

76,0	Frame	-0,80
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72,8	Dairy Strength	-0,75
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76,9	Feet & Legs	-1,48
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75,5	Udder	-1,05
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	SHI	-138,6
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rank 842.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
PIRAUS-ET	SK000022231857	13.06.1989	PS-023
Country of origin	SK	Breed	H62,5 N25,0
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HB
		Paternity	24.10.1989
		SVK	4257/31

Pedigree

Sire	PGS	PIRAEUS
PIRAUS		DE009010361820
SK006721978803	PGD	
PS-005		SK000067219803
Dam	MGS	RUMBA
		HU004380062501
SK000066892827	MGD	
		SK000024972827

Milk production data	SK 10/2018	Herds	34	Daug.	61	Rel.	90 %	SPI	-3001
Number controls		BV		Milk		Prot.		rank	1130.
984				-763	-22	0,14	-21	SCS	2,72
								rank	221.

Type data	SHA 10/2018	Herds	5 / 4	Daug.	14	75,4	Rel.	50 %	TYPE	-1,67
								rank	845.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,97									
Angularity	-2,37									
Chest Width	1,78									
Body Depth	0,85									
Rump Angle	-0,86									
Rear Legs Side View	0,44									
Foot Angle	-0,45									
Fore Udder Attachment	-1,06									
Front Teat Placement	-1,26									
Teat Length	0,82									
Rear Udder Height	-1,87									
Rear Udder Width	-1,00									
Central Ligament	-0,30									
Udder Depth	-0,80									
Rump Width	0,06									
Rear Legs Rear View	-0,97									
Rear Teat Placement	-1,11									
Locomotion	0,12									
Body Condition	1,20									

daught. average

73,1	Frame	-0,24
72,4	Dairy Strength	-2,01
75,6	Feet & Legs	-0,79
78,1	Udder	-1,33
	SHI	-157,4
	rank	860.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
BOSPORUS	DE000346334518	05.10.2001	MNL-015
Country of origin	DE	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	12.11.2001
		DEU	01/12705

Pedigree

Sire	PGS	LUTZ-MEADOWS E MANDEL-ET
B-Y-U MANDEL BOMBAY-ET		US000002119526
US000002292218	PGD	B-Y-U GLOW BRIGITTE
		US000014689001
Dam	MGS	STARTMORE RUDOLPH-ET
PATRICI 220		CA000005470579
DE000341866537	MGD	PATSY 77
		DE001021073067

Milk production data	SK 10/2018	Herds	43	Daug.	205	Rel.	96 %	SPI	295
Number controls		BV		Milk		Fat	%	Prot.	%
4243				225	-1	-0,19	0	-0,14	SCS
									rank
									404.
									rank
									177.

Type data	SHA 10/2018	Herds	7 / 6	Daug.	26	76,8	Rel.	64 %	TYPE	-1,68
									rank	846.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-1,35									
Angularity	1,26									
Chest Width	-0,88									
Body Depth	-0,08									
Rump Angle	-0,94									
Rear Legs Side View	1,53									
Foot Angle	-0,81									
Fore Udder Attachment	-0,86									
Front Teat Placement	0,96									
Teat Length	-0,22									
Rear Udder Height	-1,04									
Rear Udder Width	-1,42									
Central Ligament	-1,16									
Udder Depth	-0,46									
Rump Width	-0,07									
Rear Legs Rear View	-0,35									
Rear Teat Placement	0,27									
Locomotion	-0,68									
Body Condition	-1,55									

daught. average

78,3	Frame	-1,53
79,0	Dairy Strength	0,87
76,5	Feet & Legs	-1,04
75,0	Udder	-1,91
	SHI	-58,3
	rank	688.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
PARNAC	FR002199029911	10.12.1999	BEL-021
Country of origin	FR	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	26.06.2000
		FRA	GS771811

Pedigree

Sire	PGS	HOW-EL-ACRES KIRK BELLMAN-ET
WELCOME GIDEON-ET		US000001874634
US000002213641	PGD	WELCOME MELWOOD GIFT
		US000013912090
Dam	MGS	MAIZEFIELD BELLWOOD-ET
MELODIE		US000002103297
FR003596000327	MGD	POTTERS-FIELD MCOT JAN-ET
		US000014971994

Milk production data	SK 10/2018	Herds	34	Daug.	86	Rel.	92 %	SPI	1044
Number controls		BV		Milk		Fat		rank	264.
1803				260		8	-0,05	7	-0,02
								SCS	3,31
								rank	960.

Type data	SHA 10/2018	Herds	9 / 7	Daug.	20	76,5	Rel.	59 %	TYPE	-1,70
								rank	847.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-1,61									
Angularity	0,08									
Chest Width	-0,01									
Body Depth	-1,48									
Rump Angle	-0,89									
Rear Legs Side View	3,67									
Foot Angle	-1,06									
Fore Udder Attachment	-2,14									
Front Teat Placement	-1,61									
Teat Length	-0,70									
Rear Udder Height	-0,21									
Rear Udder Width	0,66									
Central Ligament	1,07									
Udder Depth	-1,82									
Rump Width	-1,50									
Rear Legs Rear View	-1,08									
Rear Teat Placement	0,23									
Locomotion	-2,09									
Body Condition	-0,85									

daught. average

77,0	Frame	-1,98
78,1	Dairy Strength	-0,42
74,7	Feet & Legs	-2,17
76,6	Udder	-0,13
	SHI	-36,4
	rank	614.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
JONKERS FARM REDMO	NL000862343541	13.11.1994	MOR-002
Country of origin NL		Breed	R100
Distributor		Herdbook	HA
		Paternity	

Pedigree

Sire	PGS	ROBE-JAN SKYLER CHIEF
MR HURL-THREE MOMENTUM RED-ET		US000001781631
US000002041332	PGD	BURTON-HILL CAVALIER MOLLY-RED
		US000011021483
Dam	MGS	GLENAFTON ENHANCER
VISIONS ENHANCE ROSE RED-ET		CA000000343514
US000013539553	MGD	KILDEE CAVALIER POLLY-ET
		US000010257391

Milk production data	SK 10/2018	Herds 131	Daug. 880	Rel. 99 %	SPI	-888
Number controls	BV	Milk	Fat	%	Prot.	%
18099		-63	-9	-0,13	-9	-0,15
					SCS	3,21
					rank	664.
					rank	829.

Type data	SHA 10/2018	Herds 8 / 5	Daug. 38	75,1	Rel. 78 %	TYPE	-1,71
						rank	848.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-1,53									
Angularity	-1,81									
Chest Width	1,17									
Body Depth	1,04									
Rump Angle	0,33									
Rear Legs Side View	0,32									
Foot Angle	-2,65									
Fore Udder Attachment	-0,73									
Front Teat Placement	-0,27									
Teat Length	-1,99									
Rear Udder Height	-0,61									
Rear Udder Width	0,52									
Central Ligament	0,00									
Udder Depth	-2,01									
Rump Width	0,70									
Rear Legs Rear View	-1,08									
Rear Teat Placement	-0,19									
Locomotion	-1,38									
Body Condition	0,24									

daught. average

77,0	Frame	-0,79
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73,9	Dairy Strength	-1,36
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75,1	Feet & Legs	-2,36
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74,7	Udder	-0,74
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	SHI	-95,0
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rank 790.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
CIFER INFINITY LUBEL-ET	SK000069218862	06.05.1997	IN-001
Country of origin SK		Breed	H100
Distributor		Herdbook	HA
		Paternity	

Pedigree

Sire	PGS	BIS-MAY TRADITION CLEITUS
ROBTHOM INFINITY		US000001879085
US000002113769		CLE-003
CLE-014	PGD	ROBTHOM IVORY MARK
		US000012489857
Dam	MGS	LUTZ-BROOKVIEW BELL REX-ET
JAFRAL B REX MABEL-ET		US000001875896
US000013917280	MGD	JAFRAL NED BOY BARBIE-ET
		US000012741651

Milk production data	SK 10/2018	Herds	49	Daug.	114	Rel.	94 %	SPI	1083
Number controls		BV		Milk		Fat	%	Prot.	%
2218				247		13	0,05	6	-0,04
								SCS	3,00
								rank	254.
								rank	568.

Type data	SHA 10/2018	Herds	13 / 11	Daug.	21	75,1	Rel.	60 %	TYPE	-1,72
									rank	849.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-2,14									
Angularity	-0,11									
Chest Width	-0,87									
Body Depth	-1,57									
Rump Angle	0,37									
Rear Legs Side View	0,02									
Foot Angle	-1,71									
Fore Udder Attachment	1,23									
Front Teat Placement	-1,46									
Teat Length	-0,45									
Rear Udder Height	0,57									
Rear Udder Width	-0,73									
Central Ligament	-1,45									
Udder Depth	0,44									
Rump Width	-0,62									
Rear Legs Rear View	0,60									
Rear Teat Placement	-0,86									
Locomotion	-0,23									
Body Condition	-0,16									

daught. average

75,4	Frame	-2,56
73,1	Dairy Strength	-0,71
76,4	Feet & Legs	-0,51
75,6	Udder	-0,71
	SHI	-36,2
	rank	612.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
CLOWN-ET	DE001015147348	01.07.1989	CLE-024
Country of origin	DE	Breed	H100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	03.10.1989
		DEU	89/10218

Pedigree

Sire	PGS	SWEET-HAVEN TRADITION
BIS-MAY TRADITION CLEITUS		US000001682485
US000001879085	PGD	BIS-MAY CONDUCTOR CORAL
CLE-003		US000010192628
Dam	MGS	PUGET-SOUND SHEIK
ORA		CA000000327279
DE001004561134	MGD	ORTRUD
		DE001004396588

Milk production data	SK 10/2018	Herds	28	Daug.	328	Rel.	98 %	SPI	912
Number controls		BV		Milk		Fat		rank	294.
6964				217		11	0,04	SCS	2,54
						5	-0,05	rank	95.

Type data	SHA 10/2018	Herds	13 / 8	Daug.	72	76,5	Rel.	83 %	TYPE	-1,74
								rank	850.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-1,67									
Angularity	-0,08									
Chest Width	-0,60									
Body Depth	-1,70									
Rump Angle	1,50									
Rear Legs Side View	1,80									
Foot Angle	-2,45									
Fore Udder Attachment	0,26									
Front Teat Placement	-0,81									
Teat Length	-0,96									
Rear Udder Height	0,27									
Rear Udder Width	-1,20									
Central Ligament	-0,16									
Udder Depth	0,37									
Rump Width	-0,34									
Rear Legs Rear View	-1,26									
Rear Teat Placement	-0,45									
Locomotion	-1,04									
Body Condition	-0,47									

daught. average

76,8	Frame	-1,86
76,6	Dairy Strength	-0,73
76,3	Feet & Legs	-2,41
76,4	Udder	-0,17
	SHI	-42,0
	rank	640.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
PFEFFER	DE001020025561	28.03.1982	SH-002
Country of origin	DE	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	

Pedigree

Sire	PGS	PROVIN MTN IVANHOE JEWEL US000001393997
PUGET-SOUND SHEIK CA000000327279	PGD	PUGET-SOUND FOND SHEILA US000007893959
Dam	MGS	BOND HAVEN ROYALSTAD CA000000314415
OPERETTE DE001007229431	MGD	ORCHIDEE DE001005226401

Milk production data	SK 10/2018	Herds	163	Daug.	1139	Rel.	99 %	SPI	-3942
Number controls		BV		Milk		Fat		%	Prot.
18089				-1028		-28		0,24	-27
								0,12	rank
								SCS	3,15
									rank 1298.
									rank 748.

Type data	SHA 10/2018	Herds	7 / 4	Daug.	38	75,0	Rel.	86 %	TYPE	-1,78
									rank	851.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-1,19									
Angularity	-0,56									
Chest Width	0,80									
Body Depth	0,03									
Rump Angle	-0,45									
Rear Legs Side View	0,43									
Foot Angle	0,10									
Fore Udder Attachment	-1,61									
Front Teat Placement	-1,85									
Teat Length	1,76									
Rear Udder Height	-0,41									
Rear Udder Width	-2,38									
Central Ligament	-1,70									
Udder Depth	-0,10									
Rump Width	0,41									
Rear Legs Rear View	-0,35									
Rear Teat Placement	-2,24									
Locomotion	0,25									
Body Condition	0,63									

daught. average

74,0	Frame	-0,90
73,6	Dairy Strength	-0,02
76,0	Feet & Legs	-0,38
75,4	Udder	-2,58
	SHI	-189,9
	rank	874.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
FEEDERLANE BENSON RED	CA00000383305	22.12.1984	HVR-001
Country of origin	CA	Breed	R100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	

Pedigree

Sire	PGS	ROYBROOK TELSTAR CA000000288790
HANOVER-HILL TRIPLE THREAT-RED US000001629391	PGD	TARA-HILLS PRIDE LUCKY BARB US000006681758
Dam	MGS	TRAILYND BEAU CA000000330640
FEEDERLANE BEAU,BLOSSOM RED CA000003009036	MGD	WILSON ACRES,CENTURION TRUDY CA000002830519

Milk production data	SK 10/2018	Herds	484	Daug.	8866	Rel.	99 %	SPI	-3590
Number controls		BV		Milk		Fat		rank	1246.
163704				-862		-28	0,09	SCS	2,56
						-25	0,03	rank	105.

Type data	SHA 10/2018	Herds	30 / 25	Daug.	326	73,8	Rel.	97 %	TYPE	-1,78
								rank	852.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,15									
Angularity	-1,83									
Chest Width	0,37									
Body Depth	0,92									
Rump Angle	0,33									
Rear Legs Side View	0,48									
Foot Angle	-1,26									
Fore Udder Attachment	-0,68									
Front Teat Placement	-1,09									
Teat Length	-0,14									
Rear Udder Height	-1,41									
Rear Udder Width	-1,59									
Central Ligament	-2,10									
Udder Depth	-0,17									
Rump Width	1,59									
Rear Legs Rear View	-0,49									
Rear Teat Placement	-2,24									
Locomotion	-0,52									
Body Condition	2,25									

daught. average

75,3 **Frame** **0,22**

70,4 **Dairy Strength** **-1,59**

75,5 **Feet & Legs** **-1,72**

74,0 **Udder** **-2,20**

SHI **-179,4**

rank 868.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
BAZI-ET	DE001020902198	16.02.1990	BS-022
Country of origin	DE	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	16.03.1990
		DEU	90/4595

Pedigree

Sire	PGS	CAL-CLARK BOARD CHAIRMAN
TO-MAR BLACKSTAR-ET		US000001723741
US000001929410	PGD	TO-MAR WAYNE HAY
CHR-002		US000009804790
Dam	MGS	PAWNEE FARM ARLINDA CHIEF
DIANA		US000001427381
DE001020083404	MGD	DISTA
		DE001008170979

Milk production data	SK 10/2018	Herds	175	Daug.	2233	Rel.	99 %	SPI	-2011	
Number controls		BV		Milk		Fat	%	Prot.	%	
41821				-421	-14	0,02	-16	-0,08	SCS	3,03
									rank	927.
									rank	600.

Type data	SHA 10/2018	Herds	47 / 28	Daug.	210	75,7	Rel.	94 %	TYPE	-1,85
									rank	853.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-1,95									
Angularity	-0,03									
Chest Width	-0,21									
Body Depth	-1,27									
Rump Angle	-0,26									
Rear Legs Side View	1,65									
Foot Angle	-1,58									
Fore Udder Attachment	-0,57									
Front Teat Placement	-0,24									
Teat Length	1,08									
Rear Udder Height	-0,56									
Rear Udder Width	-0,65									
Central Ligament	-0,65									
Udder Depth	-1,00									
Rump Width	0,08									
Rear Legs Rear View	-1,95									
Rear Teat Placement	0,35									
Locomotion	-0,94									
Body Condition	-1,01									

daught. average

76,6 **Frame** -1,87

74,1 **Dairy Strength** -0,25

76,2 **Feet & Legs** -2,89

75,7 **Udder** -0,63

SHI -134,5

rank 835.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
CIFER BELLWOOD SINBELL-ET	SK000069257862	22.06.1997	BW-006
Country of origin SK		Breed	H100
Distributor		Herdbook	HA
		Paternity	

Pedigree

Sire	PGS	ARLINDA MELWOOD-ET
MAIZEFIELD BELLWOOD-ET		US000001879149
US000002103297	PGD	BREN-WAY BELL BETSY
MEW-004		US000012052401
Dam	MGS	SINGING-BROOK N-BOY MASCOT-ET
WYSSLAWN MASCOT LANA-ET		US000002020049 NBY-011
US000014909450	MGD	VRIEZLAND TMB LORIE-ET
		US000014317087

Milk production data	SK 10/2018	Herds	48	Daug.	99	Rel.	92 %	SPI	256
Number controls		BV		Milk		Fat		rank	411.
1891				87		5	0,01	SCS	2,85
						0	-0,06	rank	360.

Type data	SHA 10/2018	Herds	13 / 10	Daug.	21	75,7	Rel.	65 %	TYPE	-1,87
								rank	854.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,04									
Angularity	-0,43									
Chest Width	-2,50									
Body Depth	-0,69									
Rump Angle	-0,35									
Rear Legs Side View	2,11									
Foot Angle	-0,29									
Fore Udder Attachment	-1,33									
Front Teat Placement	-0,20									
Teat Length	0,07									
Rear Udder Height	-0,32									
Rear Udder Width	-0,58									
Central Ligament	-0,22									
Udder Depth	-0,26									
Rump Width	-1,11									
Rear Legs Rear View	-1,29									
Rear Teat Placement	-0,75									
Locomotion	-1,15									
Body Condition	-1,83									

daught. average	79,4	Frame	-0,99
	73,4	Dairy Strength	-1,83
	76,8	Feet & Legs	-1,42
	74,7	Udder	-0,99
		SHI	-67,0
		rank	717.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
STELFO	DE001020497695	16.07.1986	STB-009
Country of origin	DE	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	

Pedigree

Sire	PGS	ROUND OAK RAG APPLE ELEVATION
HANOVERHILL STARBUCK		US000001491007
CA000000352790	PGD	ANACRES ASTRONAUT IVANHOE
		US000008018046
Dam	MGS	TAYSIDE PABST ROCKMAN
LIANA		CA000000289318
DE001006237581	MGD	LISSI
		DE001006192440

Milk production data	SK 10/2018	Herds	452	Daug.	8676	Rel.	99 %	SPI	-2704
Number controls		BV		Milk		Fat		rank	1078.
170650				-744		-18	0,22	SCS	3,08
						-18	0,11	rank	655.

Type data	SHA 10/2018	Herds	81 / 53	Daug.	507	75,3	Rel.	98 %	TYPE	-1,88
								rank	855.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-1,52									
Angularity	-1,09									
Chest Width	0,92									
Body Depth	-0,34									
Rump Angle	-0,19									
Rear Legs Side View	0,67									
Foot Angle	-1,11									
Fore Udder Attachment	-2,05									
Front Teat Placement	-0,87									
Teat Length	0,96									
Rear Udder Height	-1,64									
Rear Udder Width	-0,90									
Central Ligament	-0,70									
Udder Depth	-1,80									
Rump Width	-0,19									
Rear Legs Rear View	-0,60									
Rear Teat Placement	-0,92									
Locomotion	-1,02									
Body Condition	1,69									

daught. average

75,1	Frame	-1,09
72,7	Dairy Strength	-0,93
76,4	Feet & Legs	-1,64
76,1	Udder	-1,65
	SHI	-156,9
	rank	859.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
IMPRESSIVE	NL000406554403	11.06.1996	CSR-001

Country of origin	NL	Breed	R100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	15.08.1996
		NLD	96/10776

Pedigree

Sire	PGS	HOWARD-HOME CAVEMAN-RED
CARISTO-ET		US000001842371
DE001014076120	CRR-004	
CNR-006	PGD	NEHLS-VALLEY NED CHRISTINA-RED
		US0000010043938
Dam	MGS	ANKER
MYLADY 1		DE009010369937
DE001014065357	MGD	MAREIKE 140
		DE001004576314

Milk production data	SK 10/2018	Herds	37	Daug.	534	Rel.	98 %	SPI	-864
Number controls		BV		Milk		Fat	%	Prot.	%
11408				-453	7	0,48	-7	0,17	
								SCS	3,24
								rank	654.
								rank	876.

Type data	SHA 10/2018	Herds	13 / 9	Daug.	80	76,9	Rel.	84 %	TYPE	-1,89
									rank	856.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	0,07									
Angularity	-1,07									
Chest Width	2,31									
Body Depth	1,39									
Rump Angle	-1,47									
Rear Legs Side View	0,66									
Foot Angle	-0,32									
Fore Udder Attachment	-2,23									
Front Teat Placement	0,25									
Teat Length	0,24									
Rear Udder Height	-3,92									
Rear Udder Width	-2,66									
Central Ligament	-2,06									
Udder Depth	-1,31									
Rump Width	1,24									
Rear Legs Rear View	-0,98									
Rear Teat Placement	-0,99									
Locomotion	-1,56									
Body Condition	1,27									

daught. average

81,3	Frame	0,76
77,7	Dairy Strength	-0,08
77,7	Feet & Legs	-1,66
73,8	Udder	-3,55
	SHI	-101,6
	rank	805.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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e-mail: holstein@holstein.sk www.holstein.sk

Bull name		Registration number	Birth date	State Register
TRAMP		DE001020352580	06.05.1985	TRN-001
Country of origin	DE		Breed	H100
Distributor	Nemecko		Herdbook	HA
			Paternity	..

Pedigree

Sire	PGS	WAPA ARLINDA CONDUCTOR
SIR CAL-CLARK NITE TRAIN-ET		US000001583197
US000001764564	PGD	CAL-CLARK PREMIER
		US000009067751
Dam	MGS	ROYBROOK STARLITE
BLUTE		CA000000308691
DE001007299961	MGD	BETTY
		DE001006211686

Milk production data	SK 10/2018	Herds	159	Daug.	1713	Rel.	99 %	SPI	-2875
Number controls		BV		Milk	Fat	%	Prot.	%	rank
31131				-789	-14	0,34	-22	0,06	SCS
									rank
									1109.
									172.

Type data	SHA 10/2018	Herds	17 / 13	Daug.	151	74,6	Rel.	91 %	TYPE	-1,89
									rank	857.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,75									
Angularity	-1,40									
Chest Width	0,13									
Body Depth	-0,54									
Rump Angle	0,18									
Rear Legs Side View	1,44									
Foot Angle	-0,44									
Fore Udder Attachment	-0,89									
Front Teat Placement	-0,85									
Teat Length	-0,50									
Rear Udder Height	-0,77									
Rear Udder Width	-1,62									
Central Ligament	-0,69									
Udder Depth	-0,26									
Rump Width	0,39									
Rear Legs Rear View	-1,50									
Rear Teat Placement	-1,79									
Locomotion	-0,62									
Body Condition	1,02									

daught. average

74,0	Frame	-0,74
72,0	Dairy Strength	-1,70
77,4	Feet & Legs	-1,11
75,0	Udder	-1,66
	SHI	-162,2
	rank	863.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
DEMUS-ET	DE001020725345	22.12.1988	DIX-001
Country of origin	DE	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	10.02.1989
		DEU	89/2153

Pedigree

Sire	PGS	S-W-D VALIANT
OCEAN-VIEW DIXIECRAT		US000001650414
US000001856116	PGD	FLEETRIDGE BOOTMAKER DIXIE
		US000009494686
Dam	MGS	PUGET-SOUND SHEIK
WINNIPEG		CA000000327279
DE001008259041	MGD	WAYNE
		DE001007201010

Milk production data	SK 10/2018	Herds	102	Daug.	671	Rel.	99 %	SPI	-3203
Number controls		BV		Milk		Prot.		rank	1171.
12375				-692	-31	-0,11	-22	SCS	3,27
								rank	902.

Type data	SHA 10/2018	Herds	16 / 13	Daug.	45	75,6	Rel.	80 %	TYPE	-1,90
								rank	858.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-2,98									
Angularity	-0,57									
Chest Width	-0,05									
Body Depth	-0,23									
Rump Angle	-1,66									
Rear Legs Side View	0,02									
Foot Angle	-0,36									
Fore Udder Attachment	-2,35									
Front Teat Placement	-0,74									
Teat Length	1,77									
Rear Udder Height	-2,35									
Rear Udder Width	-0,44									
Central Ligament	0,89									
Udder Depth	-1,68									
Rump Width	0,09									
Rear Legs Rear View	-0,46									
Rear Teat Placement	-1,14									
Locomotion	0,01									
Body Condition	0,51									

daught. average

75,6	Frame	-2,67
73,3	Dairy Strength	-0,68
77,4	Feet & Legs	-0,29
76,0	Udder	-1,02
	SHI	-172,7
	rank	866.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
ZAVAR BELLWOOD TOPTEN-ET	SK000070769858	02.08.1997	BW-007

Country of origin	SK	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	23.06.1998
		SK	0237/07

Pedigree

Sire	PGS	ARLINDA MELWOOD-ET
MAIZEFIELD BELLWOOD-ET		US000001879149
US000002103297	PGD	BREN-WAY BELL BETSY
MEW-004		US000012052401
Dam	MGS	TO-MAR BLACKSTAR-ET
NEU-WAY BLACKSTAR VALID		US000001929410
US000014559857	MGD	MV MARK VAL-ET
		US000013336267

CHR-002

Milk production data	SK 10/2018	Herds	51	Daug.	179	Rel.	96 %	SPI	-821
Number controls		BV		Milk		Fat		rank	644.
3588				-76		-3	-0,00	Prot.	SCS
							-1	-0,18	3,27
								rank	911.

Type data	SHA 10/2018	Herds	16 / 10	Daug.	35	76,1	Rel.	72 %	TYPE	-1,96
								rank	859.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-1,18									
Angularity	-0,46									
Chest Width	-1,66									
Body Depth	-0,45									
Rump Angle	1,04									
Rear Legs Side View	2,55									
Foot Angle	-0,75									
Fore Udder Attachment	-0,59									
Front Teat Placement	-0,78									
Teat Length	-0,60									
Rear Udder Height	-1,25									
Rear Udder Width	-1,18									
Central Ligament	-1,14									
Udder Depth	-1,05									
Rump Width	-1,29									
Rear Legs Rear View	-2,27									
Rear Teat Placement	-1,66									
Locomotion	-1,21									
Body Condition	-1,16									

daught. average

78,5 **Frame** **-1,71**

75,3 **Dairy Strength** **-1,21**

75,7 **Feet & Legs** **-1,82**

75,3 **Udder** **-1,14**

SHI **-103,2**

rank 806.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
FRANK	HU006591363265	05.08.1983	FAK-001
Country of origin	HU	Breed	H100
Distributor		Herdbook	HA
		Paternity	

Pedigree

Sire	PGS	PACLAMAR CITATION M
ENG-AMER CITATION FRANK		US000001493686
US000001675357	PGD	RIVERCREST-ACRES,KINGPIN FRAN
		US000006865637
Dam	MGS	LEEBAK BRONSON
6591.BATOR		US000001563865
HU000019019265	MGD	1901.BATOR
		HU000001901265

Milk production data	SK 10/2018	Herds	381	Daug.	2810	Rel.	99 %	SPI	-3340
Number controls		BV		Milk		Fat		rank	1213.
49768				-811		-25	0,12	SCS	3,45
						-24	0,03	rank	1104.

Type data	SHA 10/2018	Herds	15 / 14	Daug.	155	73,5	Rel.	92 %	TYPE	-2,03
								rank	860.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-1,03									
Angularity	-1,33									
Chest Width	0,33									
Body Depth	-0,02									
Rump Angle	0,09									
Rear Legs Side View	-0,96									
Foot Angle	-0,44									
Fore Udder Attachment	-0,44									
Front Teat Placement	-1,51									
Teat Length	0,40									
Rear Udder Height	-1,85									
Rear Udder Width	-1,45									
Central Ligament	-1,61									
Udder Depth	-0,74									
Rump Width	-0,51									
Rear Legs Rear View	-0,57									
Rear Teat Placement	-2,75									
Locomotion	0,03									
Body Condition	0,85									

daught. average

73,6	Frame	-0,90
69,8	Dairy Strength	-1,34
74,6	Feet & Legs	-0,25
74,6	Udder	-2,39
	SHI	-182,0
	rank	871.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

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tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
PIZZO	FR002921632561	13.02.1999	GEP-002
Country of origin	FR	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	21.06.2000
		FRA	742572

Pedigree

Sire	PGS	TESK-HOLM VALIANT ROCKIE
BEACHLAWN GELPRO TOBEY-ET	US000001841366	VAL-016
US000002182343	PGD	BEACHLAWN BELL CLEITUS PRO
	US000013450817	
Dam	MGS	LA PRESENTATION LAZER
MARJORIE	CA000005033036	
FR005112757727	MGD	WENT-STRAAT MASCOT ROME-ET
	US000014881054	

Milk production data	SK 10/2018	Herds	49	Daug.	100	Rel.	92 %	SPI	144
Number controls	BV	Milk	Fat	%	Prot.	%	rank	SCS	434.
1569		175	3	-0,07	-3	-0,18		3,23	859.
							rank		

Type data	SHA 10/2018	Herds	16 / 13	Daug.	33	76,2	Rel.	68 %	TYPE	-2,05
							rank		861.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-1,54									
Angularity	-1,07									
Chest Width	-0,14									
Body Depth	-0,91									
Rump Angle	0,06									
Rear Legs Side View	0,84									
Foot Angle	-0,87									
Fore Udder Attachment	-1,00									
Front Teat Placement	-0,47									
Teat Length	0,15									
Rear Udder Height	-1,17									
Rear Udder Width	-0,36									
Central Ligament	-2,46									
Udder Depth	-1,85									
Rump Width	0,41									
Rear Legs Rear View	-2,63									
Rear Teat Placement	0,00									
Locomotion	-0,75									
Body Condition	-0,28									

daught. average

76,8	Frame	-1,33
75,2	Dairy Strength	-1,26
76,9	Feet & Legs	-1,96
75,9	Udder	-1,19
	SHI	-77,7
	rank	755.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
BEACHLAWN BELLWOOD BURKE-ET	US000002285679	17.07.1995	BW-012
Country of origin	US	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	06.12.1995
		USA	IG217114B

Pedigree

Sire	PGS	ARLINDA MELWOOD-ET
MAIZEFIELD BELLWOOD-ET		US000001879149
US000002103297	PGD	BREN-WAY BELL BETSY
MEW-004		US000012052401
Dam	MGS	TESK-HOLM VALIANT ROCKIE
BEACHLAWN BELL PRO TAMMY-ET		US000001841366 VAL-016
US000014632262	MGD	BEACHLAWN BELL CLEITUS PRO
		US000013450817

Milk production data	SK 10/2018	Herds	18	Daug.	227	Rel.	97 %	SPI	249
Number controls		BV		Milk		Fat	%	Prot.	%
4471				146		-7	-0,25	4	-0,02
								SCS	2,89
								rank	413.
								rank	416.

Type data	SHA 10/2018	Herds	14 / 6	Daug.	131	76,9	Rel.	89 %	TYPE	-2,10
									rank	862.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-1,27									
Angularity	-2,45									
Chest Width	0,19									
Body Depth	0,14									
Rump Angle	-0,59									
Rear Legs Side View	1,55									
Foot Angle	-0,58									
Fore Udder Attachment	-0,54									
Front Teat Placement	0,17									
Teat Length	0,65									
Rear Udder Height	-0,88									
Rear Udder Width	-0,06									
Central Ligament	-2,98									
Udder Depth	-1,85									
Rump Width	0,19									
Rear Legs Rear View	-0,03									
Rear Teat Placement	-0,31									
Locomotion	-0,23									
Body Condition	0,15									

daught. average

79,2	Frame	-1,19
76,6	Dairy Strength	-2,91
77,1	Feet & Legs	-0,20
75,7	Udder	-1,58
	SHI	-76,4
	rank	750.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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Bull name	Registration number	Birth date	State Register
CEYLON-ET	DE000015233678	05.11.1992	CNR-004
Country of origin	DE	Breed	R100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	02.08.1993
		DEU	93/10126

Pedigree

Sire	PGS	CA-LILL STANDOUT CAVALIER
HOWARD-HOME CAVEMAN-RED		US000001620273
US000001842371	PGD	HOWARD-HOME TRIPLE JAE RED
CRR-004		US000009613867
Dam	MGS	ROWNTREE BANKER-ET
SILBE		CA000000353294
DE001004597501	MGD	SIRA
		DE001004465387

Milk production data	SK 10/2018	Herds	142	Daug.	2195	Rel.	99 %	SPI	-3141
Number controls		BV		Milk		Fat		rank	1162.
43423				-912		-18	0,38	SCS	3,39
						-22	0,17	rank	1043.

Type data	SHA 10/2018	Herds	13 / 8	Daug.	61	74,7	Rel.	87 %	TYPE	-2,15
								rank	863.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-2,60									
Angularity	-1,21									
Chest Width	-0,50									
Body Depth	-0,43									
Rump Angle	0,95									
Rear Legs Side View	0,22									
Foot Angle	-0,69									
Fore Udder Attachment	-1,71									
Front Teat Placement	-1,94									
Teat Length	-1,22									
Rear Udder Height	0,38									
Rear Udder Width	1,24									
Central Ligament	-0,90									
Udder Depth	-1,05									
Rump Width	-0,89									
Rear Legs Rear View	-0,50									
Rear Teat Placement	-2,44									
Locomotion	0,70									
Body Condition	1,02									

daught. average

74,1	Frame	-2,41
71,3	Dairy Strength	-1,67
77,1	Feet & Legs	-0,48
75,3	Udder	-1,16
	SHI	-180,7
	rank	869.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
BENNI	BE098700161032	30.10.1998	NIC-002
Country of origin	BE	Breed	R100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	13.09.2000
		DEU	3639/00

Pedigree

Sire	PGS	ALMERSON CAMERA RED
BEVERLAKE NICK RED		CA000000378474
NL000789089656	PGD	BEVERLAKE NIEKE 1
		NL000516030621
Dam	MGS	STARTMORE SATELLITE
MOLLI		CA000000387084
BE092716250129	MGD	M.R.MOLENA
		DE001020903085

Milk production data	SK 10/2018	Herds	41	Daug.	510	Rel.	98 %	SPI	-2324
Number controls		BV		Milk		Prot.		rank	996.
9894				-680	-24	0,03	-11	SCS	3,44
								rank	1088.

Type data	SHA 10/2018	Herds	12 / 5	Daug.	34	77,1	Rel.	69 %	TYPE	-2,16
								rank	864.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-1,13									
Angularity	-1,64									
Chest Width	-0,99									
Body Depth	0,53									
Rump Angle	-0,13									
Rear Legs Side View	0,79									
Foot Angle	-1,59									
Fore Udder Attachment	-2,09									
Front Teat Placement	0,70									
Teat Length	-2,91									
Rear Udder Height	-0,43									
Rear Udder Width	0,87									
Central Ligament	-0,41									
Udder Depth	-1,35									
Rump Width	-1,16									
Rear Legs Rear View	-1,16									
Rear Teat Placement	-0,49									
Locomotion	-0,74									
Body Condition	0,43									

daught. average

79,9	Frame	-1,25
77,1	Dairy Strength	-2,34
78,1	Feet & Legs	-1,77
75,3	Udder	-1,03
	SHI	-156,5
	rank	856.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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Bull name	Registration number	Birth date	State Register
STONETOWN RED	SK009852381803	04.12.1981	STR-005
Country of origin	SK	Breed	R75,0 M25,0
Distributor	Slovensko	Herdbook	HC
		Paternity	..

Pedigree

Sire	PGS	THAMES CREST SOVER. SUPREME
STONETOWN SUPREME,RED		CA000000288659
CA000000321547	PGD	STONETOWN GENERAL,WING
RED-018		CA000002153964
Dam	MGS	ROYCEDALE PERFECTION RED
SK000098523803		CA000000320586
	MGD	SK000065711803

Milk production data	SK 10/2018	Herds	246	Daug.	1533	Rel.	99 %	SPI	-3594
Number controls		BV		Milk		Fat		rank	1249.
26452				-875		-30	0,07	SCS	3,49
						-24	0,07	rank	1138.

Type data	SHA 10/2018	Herds	11 / 10	Daug.	54	73,1	Rel.	82 %	TYPE	-2,19
								rank	865.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-1,05									
Angularity	-2,39									
Chest Width	0,45									
Body Depth	0,57									
Rump Angle	0,94									
Rear Legs Side View	0,63									
Foot Angle	1,25									
Fore Udder Attachment	-0,76									
Front Teat Placement	-1,88									
Teat Length	0,55									
Rear Udder Height	-2,09									
Rear Udder Width	-1,74									
Central Ligament	-1,74									
Udder Depth	-0,34									
Rump Width	1,42									
Rear Legs Rear View	-0,82									
Rear Teat Placement	-1,92									
Locomotion	0,59									
Body Condition	2,36									

daught. average

75,1	Frame	-0,51
69,0	Dairy Strength	-2,25
75,1	Feet & Legs	0,63
73,2	Udder	-2,74
	SHI	-195,9
	rank	876.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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Bull name	Registration number	Birth date	State Register
NOKMAN	CZ009773685611	22.12.1985	NOM-100
Country of origin	CZ	Breed	H100
Distributor	Slovensko	Herdbook	HA
		Paternity	

Pedigree

Sire	PGS	ROYBROOK STARLITE CA000000308691
STANHOPE CANNOADE CA000000337679	PGD	STANHOPE BEV CRYSTAN CA000002704250
Dam	MGS	THREE MOUNTAINS ROCK MAN BOB JAC CA000000322819 NOM-007
CZ000097736611	MGD	CZ000066512611

Milk production data	SK 10/2018	Herds	131	Daug.	2021	Rel.	99 %	SPI	-3084
Number controls		BV		Milk		Fat		rank	1145.
36752				-710		-24	0,05	SCS	3,29
						-22	-0,01	rank	925.

Type data	SHA 10/2018	Herds	27 / 18	Daug.	148	76,1	Rel.	93 %	TYPE	-2,21
								rank	866.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,38									
Angularity	-1,41									
Chest Width	-0,12									
Body Depth	-0,10									
Rump Angle	-0,12									
Rear Legs Side View	1,69									
Foot Angle	-0,94									
Fore Udder Attachment	-1,24									
Front Teat Placement	-2,61									
Teat Length	1,91									
Rear Udder Height	-2,09									
Rear Udder Width	-1,54									
Central Ligament	-0,39									
Udder Depth	-1,33									
Rump Width	0,42									
Rear Legs Rear View	-0,42									
Rear Teat Placement	-2,38									
Locomotion	-0,46									
Body Condition	1,52									

daught. average

78,4	Frame	-0,28
73,2	Dairy Strength	-2,09
76,5	Feet & Legs	-1,13
76,3	Udder	-2,44
	SHI	-181,3
	rank	870.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

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Bull name	Registration number	Birth date	State Register
KELVIN	DE000011067169	05.07.1997	KOD-002
Country of origin	DE	Breed	R100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	03.05.1999
		DEU	0111067169

Pedigree

Sire	PGS	KINGLEA LEADER
KOMMANDEUR LEADER 1		US000001926780
NL000775157228	PGD	MINA 648
		NL000512249355
Dam	MGS	BROOKNOOK MILESTONE-ET RED
MITZI RED		CA000000400985
DE000110067040	MGD	RON-NAN LEADER MITZI RED-ET
		US000014169139

Milk production data	SK 10/2018	Herds	152	Daug.	1835	Rel.	99 %	SPI	-1368
Number controls		BV		Milk		Fat	%	rank	776.
38144				-192		-20	-0,25	SCS	2,88
						-9	-0,07	rank	391.

Type data	SHA 10/2018	Herds	18 / 12	Daug.	67	75,7	Rel.	82 %	TYPE	-2,25
								rank	867.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-2,17									
Angularity	-0,62									
Chest Width	-1,21									
Body Depth	-1,10									
Rump Angle	-1,52									
Rear Legs Side View	2,03									
Foot Angle	-1,02									
Fore Udder Attachment	0,08									
Front Teat Placement	-0,40									
Teat Length	-0,44									
Rear Udder Height	-0,11									
Rear Udder Width	-0,20									
Central Ligament	-2,13									
Udder Depth	-0,31									
Rump Width	-0,27									
Rear Legs Rear View	-1,24									
Rear Teat Placement	-0,78									
Locomotion	-1,24									
Body Condition	0,27									

daught. average

76,8	Frame	-2,40
76,3	Dairy Strength	-1,29
75,9	Feet & Legs	-2,11
74,9	Udder	-0,72
	SHI	-131,2
	rank	830.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

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Bull name	Registration number	Birth date	State Register
ELEVATION	SK000034172852	11.10.1990	EV-013
Country of origin	SK	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	19.02.1991
		SVK	4344/22

Pedigree

Sire	PGS	BENDMEAD MAGIC OF LIN-CON
ELEVATION		US000001643248
DE000002726146	PGD	NESSEL
EV-001		DE00002726146K
Dam	MGS	CHEESEBORO LAD
SK000089352822		CA000000338067
	MGD	SK000062989822
		FOU-005

Milk production data	SK 10/2018	Herds	49	Daug.	131	Rel.	94 %	SPI	-3384
Number controls		BV		Milk		Fat		rank	1220.
2654				-776		-27	0,04	SCS	3,45
						-24	-0,01	rank	1106.

Type data	SHA 10/2018	Herds	7 / 4	Daug.	16	74,3	Rel.	54 %	TYPE	-2,31
								rank	868.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-1,08									
Angularity	-1,41									
Chest Width	-0,10									
Body Depth	-0,37									
Rump Angle	-0,55									
Rear Legs Side View	-0,56									
Foot Angle	-1,01									
Fore Udder Attachment	-0,81									
Front Teat Placement	-1,24									
Teat Length	-0,71									
Rear Udder Height	-2,66									
Rear Udder Width	-2,04									
Central Ligament	-1,20									
Udder Depth	-0,52									
Rump Width	0,42									
Rear Legs Rear View	0,41									
Rear Teat Placement	-1,27									
Locomotion	0,09									
Body Condition	0,73									

daught. average

74,1	Frame	-1,00
71,6	Dairy Strength	-1,58
75,7	Feet & Legs	-0,76
74,9	Udder	-2,38
	SHI	-194,6
	rank	875.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

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Bull name	Registration number	Birth date	State Register
CHRYSTAL POPOV RED	NL000822397490	07.10.1992	AKR-001
Country of origin	NL	Breed	R100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	19.11.1993
		NLD	019301888030

Pedigree

Sire	PGS	HANOVER-HILL INSPIRATION
ANKIN		CA000000363162
NL000514485540	PGD	ANKA
		NL000991683862
Dam	MGS	KINGLEA LEADER
CRYSTAL ROO 124		US000001926780
NL000135505717	MGD	CRYSTAL ROO 110
		NL000134503594

Milk production data	SK 10/2018	Herds	312	Daug.	4615	Rel.	99 %	SPI	-1273
Number controls		BV		Milk		Fat		rank	751.
92884				-295		-10	0,01	SCS	3,94
						-9	-0,01	rank	1267.

Type data	SHA 10/2018	Herds	31 / 14	Daug.	199	74,6	Rel.	93 %	TYPE	-2,34
								rank	869.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-1,97									
Angularity	0,20									
Chest Width	-1,01									
Body Depth	-0,71									
Rump Angle	-0,20									
Rear Legs Side View	1,19									
Foot Angle	-1,22									
Fore Udder Attachment	-0,98									
Front Teat Placement	-1,23									
Teat Length	1,41									
Rear Udder Height	-0,25									
Rear Udder Width	-0,17									
Central Ligament	-3,65									
Udder Depth	-1,60									
Rump Width	-1,23									
Rear Legs Rear View	-0,33									
Rear Teat Placement	-2,03									
Locomotion	0,75									
Body Condition	-0,91									

daught. average

75,0	Frame	-2,10
73,0	Dairy Strength	-0,44
76,6	Feet & Legs	-1,15
74,3	Udder	-1,98
	SHI	-132,1
	rank	833.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

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Bull name	Registration number	Birth date	State Register
TOUBORG	DE000576305382	07.03.1994	TUG-001
Country of origin	DE	Breed	R100
Distributor	Nemecko	Herdbook	HA
		Paternity	

Pedigree

Sire	PGS	BRANDERLEA CITATION TOPPER RED
TOUBORG		CA000000311569
DE009002065650	PGD	RED-006
		ASTA
		DE000505012760
Dam	MGS	ANKER
RAISSA		DE009010369937
DE000505749820	MGD	RAVENA
		DE000505163153

Milk production data	SK 10/2018	Herds	301	Daug.	4430	Rel.	99 %	SPI	-1771
Number controls		BV		Milk		Fat		rank	875.
90565				-519		-6	0,28	SCS	2,80
						-14	0,05	rank	304.

Type data	SHA 10/2018	Herds	27 / 15	Daug.	83	75,7	Rel.	89 %	TYPE	-2,38
								rank	870.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-1,73									
Angularity	-2,39									
Chest Width	0,90									
Body Depth	0,18									
Rump Angle	-0,05									
Rear Legs Side View	0,47									
Foot Angle	-3,02									
Fore Udder Attachment	-1,71									
Front Teat Placement	-1,33									
Teat Length	0,66									
Rear Udder Height	-1,11									
Rear Udder Width	-0,19									
Central Ligament	-0,23									
Udder Depth	-0,57									
Rump Width	1,21									
Rear Legs Rear View	-0,40									
Rear Teat Placement	-1,97									
Locomotion	-1,80									
Body Condition	2,15									

daught. average

76,3	Frame	-1,16
74,0	Dairy Strength	-2,46
76,0	Feet & Legs	-2,91
76,1	Udder	-1,20
	SHI	-148,6
	rank	848.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

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Bull name	Registration number	Birth date	State Register
REFLECTION RED	SK001680683823	14.11.1983	RER-127
Country of origin	SK	Breed	R75,0 M25,0
Distributor	Slovensko	Herdbook	HC
		Paternity	

Pedigree

Sire	PGS	CITATION R MAPLE
KEENDALE LODGE R KING-RED		US000001430145
CA000000330200	PGD	ROSEHOLM SOVEREIGN EVE
RED-021		CA000001882910
Dam	MGS	ARANDA CITATION HI-LITE-RED
SK000016806823		CA000000336147
	MGD	SK000098498803
		RER-055

Milk production data	SK 10/2018	Herds	78	Daug.	665	Rel.	99 %	SPI	-2940
Number controls		BV		Milk		Fat		rank	1119.
11919				-679		-25	0,02	SCS	3,15
						-21	0,01	rank	755.

Type data	SHA 10/2018	Herds	7 / 5	Daug.	20	72,7	Rel.	68 %	TYPE	-2,43
								rank	871.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-2,64									
Angularity	-2,39									
Chest Width	0,76									
Body Depth	0,29									
Rump Angle	0,35									
Rear Legs Side View	0,96									
Foot Angle	0,27									
Fore Udder Attachment	-1,24									
Front Teat Placement	-1,56									
Teat Length	0,91									
Rear Udder Height	-2,50									
Rear Udder Width	-1,19									
Central Ligament	-0,55									
Udder Depth	-1,83									
Rump Width	0,53									
Rear Legs Rear View	-0,47									
Rear Teat Placement	-1,21									
Locomotion	-0,13									
Body Condition	2,08									

daught. average

72,4	Frame	-1,87
68,9	Dairy Strength	-2,24
75,8	Feet & Legs	-1,21
73,0	Udder	-1,73
	SHI	-186,0
	rank	872.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

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Bull name	Registration number	Birth date	State Register
BAMON-ET	DE001021112507	27.01.1993	BCR-001

Country of origin	DE	Breed	R100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	14.04.1993
		DEU	93/5891

Pedigree

Sire	PGS	TO-MAR BLACKSTAR-ET	
BLACKHILD		US000001929410	CHR-002
NL000774750381	PGD	KRIMHILD	
		DE000091470506	
Dam	MGS	ROTHROCK TRADITION LEADMAN	
LISI 73		US000001983348	TDN-004
DE001020896952	MGD	LISTA 120	
		DE001020637618	

Milk production data	SK 10/2018	Herds	125	Daug.	1666	Rel.	99 %	SPI	-2192
Number controls		BV		Milk		Fat	%	Prot.	%
34431				-795		1	0,66	-17	0,19
								rank	963.
								SCS	3,30
								rank	946.

Type data	SHA 10/2018	Herds	13 / 7	Daug.	44	75,7	Rel.	78 %	TYPE	-2,44
									rank	872.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-2,58									
Angularity	-0,66									
Chest Width	-1,34									
Body Depth	-0,37									
Rump Angle	-1,31									
Rear Legs Side View	-0,64									
Foot Angle	0,18									
Fore Udder Attachment	-1,20									
Front Teat Placement	-1,54									
Teat Length	-1,17									
Rear Udder Height	-1,78									
Rear Udder Width	-2,03									
Central Ligament	-0,50									
Udder Depth	-1,39									
Rump Width	-1,85									
Rear Legs Rear View	-0,30									
Rear Teat Placement	0,01									
Locomotion	-1,58									
Body Condition	0,13									

daught. average

76,4	Frame	-2,90
76,1	Dairy Strength	-1,19
77,5	Feet & Legs	-0,55
74,3	Udder	-1,51
	SHI	-163,6
	rank	864.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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Bull name	Registration number	Birth date	State Register
WINTER	HU002422315394	20.05.1983	WTR-001
Country of origin	HU	Breed	R94,0 S 6,0
Distributor	Maďarsko	Herdbook	HA
		Paternity	...

Pedigree

Sire	PGS	LONG-HAVEN FAYNE KING WINT US000001399654
DA-PHY-DALE TRUSTEE, WINTER RED US000001639877	PGD	DA-PHY-DALE TRUSTEE, ADA PATSY XX000008966027
Dam	MGS	METCALFS TELSTAR, CITATION-RED US000001599206
2422.NYALO HU0013049SU384	MGD	1304.DARAZS HU0001725SU384

Milk production data	SK 10/2018	Herds	138	Daug.	1350	Rel.	99 %	SPI	-4476
Number controls		BV		Milk		Fat		rank	1324.
24942				-1091		-36	0,12	SCS	2,73
						-31	0,08	rank	225.

Type data	SHA 10/2018	Herds	10 / 9	Daug.	58	73,5	Rel.	82 %	TYPE	-2,45
								rank	873.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-0,71									
Angularity	-2,58									
Chest Width	0,34									
Body Depth	-0,16									
Rump Angle	0,26									
Rear Legs Side View	-0,82									
Foot Angle	-0,55									
Fore Udder Attachment	-2,64									
Front Teat Placement	-1,35									
Teat Length	1,77									
Rear Udder Height	-2,40									
Rear Udder Width	-1,53									
Central Ligament	-1,25									
Udder Depth	-0,43									
Rump Width	1,26									
Rear Legs Rear View	0,71									
Rear Teat Placement	-0,22									
Locomotion	0,71									
Body Condition	2,79									

daught. average

73,8	Frame	-0,51
69,8	Dairy Strength	-3,09
75,0	Feet & Legs	-0,55
74,5	Udder	-2,63
	SHI	-233,1
	rank	881.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

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Bull name	Registration number	Birth date	State Register
PONTIAC	SK000026054852	18.11.1991	PTC-008
Country of origin	SK	Breed	H100
Distributor		Herdbook	HA
		Paternity	

Pedigree

Sire	PGS	CARLIN-M IVANHOE BELL
ART ACRES BELL PONTIAC-ET		US000001667366
US000001878472	PGD	ART-ACRES ELEVATION KAY
PTC-001		US000008733981
Dam	MGS	MICKY
SK000021344807		DE000000123165
	MGD	CEDA
		DE000001435191

Milk production data	SK 10/2018	Herds	42	Daug.	102	Rel.	93 %	SPI	-3901
Number controls		BV		Milk	Fat	%	Prot.	%	rank
1882				-859	-34	-0,05	-27	-0,03	SCS
									rank
									1187.

Type data	SHA 10/2018	Herds	9 / 6	Daug.	31	74,5	Rel.	66 %	TYPE	-2,49
									rank	874.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-1,34									
Angularity	-1,52									
Chest Width	-0,92									
Body Depth	-1,05									
Rump Angle	-1,13									
Rear Legs Side View	0,20									
Foot Angle	-0,44									
Fore Udder Attachment	-0,75									
Front Teat Placement	-1,26									
Teat Length	1,23									
Rear Udder Height	-1,70									
Rear Udder Width	-1,59									
Central Ligament	-0,52									
Udder Depth	-0,18									
Rump Width	-1,92									
Rear Legs Rear View	-0,50									
Rear Teat Placement	-1,33									
Locomotion	-0,61									
Body Condition	1,48									

daught. average

72,2	Frame	-1,79
72,3	Dairy Strength	-2,53
75,2	Feet & Legs	-0,72
76,5	Udder	-1,68
	SHI	-217,1
	rank	878.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
ROBBER-ET	DE000341803534	05.04.1997	RUD-003

Country of origin	DE	Breed	R100
Distributor	INSEMAS s.r.o.	Herdbook	HA
		Paternity	23.05.1997
		DEU	97/7355

Pedigree

Sire	PGS	LATUCH FAGIN RUSTY RED
RUDI		US000001892411
DE000609695599	PGD	CIANKE 243
RY-001		DE000607277499
Dam	MGS	BUTT
ELKE		DE001020867970
DE001021064544	MGD	ELKE
		DE001020656995

Milk production data	SK 10/2018	Herds	145	Daug.	1903	Rel.	99 %	SPI	-1770
Number controls		BV		Milk		Fat	%	rank	873.
38147				-295	-18	-0,13	-14	SCS	2,95
								rank	489.

Type data	SHA 10/2018	Herds	24 / 11	Daug.	159	76,4	Rel.	91 %	TYPE	-2,52
								rank	875.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-1,96									
Angularity	-1,77									
Chest Width	0,01									
Body Depth	-0,08									
Rump Angle	0,10									
Rear Legs Side View	0,65									
Foot Angle	0,95									
Fore Udder Attachment	-0,97									
Front Teat Placement	-2,36									
Teat Length	-1,01									
Rear Udder Height	-1,54									
Rear Udder Width	-0,10									
Central Ligament	-1,55									
Udder Depth	-2,34									
Rump Width	0,35									
Rear Legs Rear View	-0,58									
Rear Teat Placement	-3,28									
Locomotion	0,46									
Body Condition	0,87									

daught. average

78,5	Frame	-1,62
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76,4	Dairy Strength	-2,28
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79,1	Feet & Legs	0,72
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74,1	Udder	-2,84
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	SHI	-154,4
	rank	854.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
REFLECTION RED	SK006872884823	07.11.1984	RER-136
Country of origin SK		Breed	R87,5 S12,5
Distributor		Herdbook	HB
		Paternity	

Pedigree

Sire	PGS	CITATION R MAPLE
KEENDALE LODGE R KING-RED		US000001430145
CA000000330200	PGD	ROSEHOLM SOVEREIGN EVE
RED-021		CA000001882910
Dam	MGS	KEENDALE LODGE R KING-RED
SK000068728823		CA000000330200
	MGD	SK000033913823

Milk production data	SK 10/2018	Herds	30	Daug.	273	Rel.	98 %	SPI	-4190
Number controls		BV		Milk		Fat	%	Prot.	%
5173				-908		-36	-0,04	-30	-0,06
								SCS	2,93
								rank	473.

Type data	SHA 10/2018	Herds	5 / 2	Daug.	33	73,8	Rel.	73 %	TYPE	-2,57
									rank	876.

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-1,77									
Angularity	-1,79									
Chest Width	1,39									
Body Depth	0,52									
Rump Angle	0,36									
Rear Legs Side View	0,44									
Foot Angle	-0,68									
Fore Udder Attachment	-1,22									
Front Teat Placement	-2,03									
Teat Length	1,42									
Rear Udder Height	-2,76									
Rear Udder Width	-2,24									
Central Ligament	-0,75									
Udder Depth	-1,52									
Rump Width	-0,54									
Rear Legs Rear View	-0,73									
Rear Teat Placement	-2,96									
Locomotion	-0,29									
Body Condition	2,96									

daught. average

71,3	Frame	-1,15
70,4	Dairy Strength	-1,14
76,3	Feet & Legs	-1,59
75,6	Udder	-2,45
	SHI	-229,0
	rank	880.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
REFLECTION RED	SK000231183823	02.11.1983	RER-121
Country of origin	SK	Breed	R87,5 M12,5
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HB
		Paternity	..

Pedigree

Sire	PGS	CITATION R MAPLE
KEENDALE LODGE R KING-RED		US000001430145
CA000000330200	PGD	ROSEHOLM SOVEREIGN EVE
RED-021		CA000001882910
Dam	MGS	BEAN-PATCH LITTLE FRED-RED
SK000002311823		US000001630701
	MGD	SK000090778803
		BER-001

Milk production data	SK 10/2018	Herds	554	Daug.	7483	Rel.	99 %	SPI	-2398
Number controls		BV		Milk		Fat		rank	1008.
147079				-564		-20	0,01	SCS	2,80
								rank	311.

Type data	SHA 10/2018	Herds	40 / 24	Daug.	449	74,0	Rel.	97 %	TYPE	-2,58
								rank	877.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-2,63									
Angularity	-1,46									
Chest Width	-0,19									
Body Depth	0,32									
Rump Angle	-0,25									
Rear Legs Side View	1,16									
Foot Angle	-0,28									
Fore Udder Attachment	-0,87									
Front Teat Placement	-2,12									
Teat Length	0,55									
Rear Udder Height	-1,30									
Rear Udder Width	-0,80									
Central Ligament	-1,12									
Udder Depth	-1,29									
Rump Width	-0,62									
Rear Legs Rear View	-1,29									
Rear Teat Placement	-1,33									
Locomotion	0,24									
Body Condition	1,90									

daught. average

73,0	Frame	-2,27
70,5	Dairy Strength	-1,77
76,3	Feet & Legs	-1,15
75,1	Udder	-1,67
	SHI	-175,7
	rank	867.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
APOLO ET	SK000026033852	19.07.1990	APO-003
Country of origin	SK	Breed	H100
Distributor	SLOVENSKÉ BIOLOGICKÉ SLUŽBY, a.s.	Herdbook	HA
		Paternity	11.12.1990
		SVK	4333/17

Pedigree

Sire	PGS	THONYMA ARISTOKRAT
APOLO		US000001608084
DE000002671308	PGD	CORI
APO-001		DE00002671308K
Dam	MGS	MICKY
SK000021344807		DE000000123165
	MGD	CEDA
		DE000001435191

Milk production data	SK 10/2018	Herds	33	Daug.	63	Rel.	89 %	SPI	-4649
Number controls		BV		Milk		Fat		rank	1330.
1299				-1130		-40	0,07	SCS	3,65
						-31	0,10	rank	1215.

Type data	SHA 10/2018	Herds	6 / 4	Daug.	13	74,7	Rel.	47 %	TYPE	-2,64
								rank	878.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-2,78	[Bar chart showing deviation from 0]								
Angularity	-2,78	[Bar chart showing deviation from 0]								
Chest Width	0,19	[Bar chart showing deviation from 0]								
Body Depth	-0,59	[Bar chart showing deviation from 0]								
Rump Angle	-0,57	[Bar chart showing deviation from 0]								
Rear Legs Side View	0,04	[Bar chart showing deviation from 0]								
Foot Angle	0,38	[Bar chart showing deviation from 0]								
Fore Udder Attachment	-1,09	[Bar chart showing deviation from 0]								
Front Teat Placement	-1,11	[Bar chart showing deviation from 0]								
Teat Length	1,05	[Bar chart showing deviation from 0]								
Rear Udder Height	-2,41	[Bar chart showing deviation from 0]								
Rear Udder Width	-2,21	[Bar chart showing deviation from 0]								
Central Ligament	-0,27	[Bar chart showing deviation from 0]								
Udder Depth	-0,88	[Bar chart showing deviation from 0]								
Rump Width	-0,86	[Bar chart showing deviation from 0]								
Rear Legs Rear View	0,19	[Bar chart showing deviation from 0]								
Rear Teat Placement	-1,68	[Bar chart showing deviation from 0]								
Locomotion	-0,43	[Bar chart showing deviation from 0]								
Body Condition	2,51	[Bar chart showing deviation from 0]								

daught. average

74,3	Frame	-2,52
71,8	Dairy Strength	-3,23
75,3	Feet & Legs	0,03
76,2	Udder	-1,76
	SHI	-245,6
	rank	882.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
MEDZICILIZIE JIMTOWN DEREN	SK000029287853	24.11.1995	JIM-001
Country of origin SK		Breed	H100
Distributor		Herdbook	HA
		Paternity	

Pedigree

Sire	PGS	BIS-MAY TRADITION CLEITUS
ETAZON JIMTOWN		US000001879085
NL000960250666	PGD	RUANN APPLES SAUCE
		US000010878466
Dam	MGS	HOLIM STANS TORNEDO-ET
MARGO 43		NL000785532529
SK000019080813	MGD	MARGO 36
		NL000604691439

Milk production data	SK 10/2018	Herds	31	Daug.	107	Rel.	94 %	SPI	-2593
Number controls		BV		Milk		Fat		rank	1051.
2220				-653		-20	0,10	SCS	3,04
						-18	0,06	rank	617.

Type data	SHA 10/2018	Herds	10 / 6	Daug.	15	73,1	Rel.	53 %	TYPE	-2,74
								rank	879.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-1,94									
Angularity	0,41									
Chest Width	-1,96									
Body Depth	-2,13									
Rump Angle	-2,24									
Rear Legs Side View	3,07									
Foot Angle	-3,07									
Fore Udder Attachment	0,03									
Front Teat Placement	-0,79									
Teat Length	-0,86									
Rear Udder Height	-0,13									
Rear Udder Width	-1,17									
Central Ligament	-0,97									
Udder Depth	0,60									
Rump Width	-2,27									
Rear Legs Rear View	-1,55									
Rear Teat Placement	-0,50									
Locomotion	-0,63									
Body Condition	0,08									

daught. average

75,5	Frame	-2,66
71,1	Dairy Strength	-0,96
71,7	Feet & Legs	-2,61
73,5	Udder	-1,22
	SHI	-187,8
	rank	873.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
SEVER	BG00000083023	10.01.1983	SIV-001
Country of origin	BG	Breed	H100
Distributor		Herdbook	HA
		Paternity	..

Pedigree

Sire	PGS	PACLAMAR BOOTMAKER
SILVER		US000001450228
XX000005002223	PGD	CALRICK MAYME MAID,CHIEF
		US000007541501
Dam	MGS	BJORING FVIL
ALENA		XX000000009219
BG000000118990	MGD	BG000000000100

Milk production data	SK 10/2018	Herds	237	Daug.	1884	Rel.	99 %	SPI	-3659
Number controls		BV		Milk		Fat		rank	1264.
38256				-846		-34	-0,04	SCS	2,40
						-24	0,04	rank	42.

Type data	SHA 10/2018	Herds	13 / 12	Daug.	65	73,6	Rel.	82 %	TYPE	-2,83
								rank	880.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-2,74									
Angularity	-2,56									
Chest Width	0,93									
Body Depth	0,16									
Rump Angle	0,49									
Rear Legs Side View	-0,28									
Foot Angle	-1,95									
Fore Udder Attachment	-1,92									
Front Teat Placement	-1,48									
Teat Length	-0,13									
Rear Udder Height	-1,90									
Rear Udder Width	-1,57									
Central Ligament	-0,08									
Udder Depth	-1,27									
Rump Width	-0,10									
Rear Legs Rear View	-0,86									
Rear Teat Placement	-1,53									
Locomotion	0,64									
Body Condition	2,69									

daught. average

72,6	Frame	-2,04
70,2	Dairy Strength	-2,47
75,1	Feet & Legs	-1,71
74,9	Udder	-1,79
	SHI	-223,4
	rank	879.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
STRING MILTON	NL000320825242	14.08.1991	SUB-001

Country of origin	NL	Breed	H100
Distributor	Bioma s.r.o.	Herdbook	HA
		Paternity	20.03.1992
		NLD	019200737240

Pedigree

Sire	PGS	NEHLS CHIEF CRUSADER
SKALSUMER SUNNY BOY-ET		US000001723121
NL000311651443	PGD	SKALSUMER PIETJE 175
		NL000307400576
Dam	MGS	RIPVALLEY NA BELL TROY-ET
STRING GEERTJE 445		US000001882797
NL000317705359	MGD	S GEERTJE 308
		NL000310959113

Milk production data	SK 10/2018	Herds	15	Daug.	202	Rel.	97 %	SPI	-205
Number controls		BV		Milk		Fat	%	rank	496.
3616				46		-5	-0,13	SCS	3,77
						-2	-0,09	rank	1245.

Type data	SHA 10/2018	Herds	8 / 5	Daug.	64	74,8	Rel.	84 %	TYPE	-2,98
								rank	881.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-1,54									
Angularity	-1,27									
Chest Width	-0,75									
Body Depth	-2,33									
Rump Angle	1,03									
Rear Legs Side View	0,54									
Foot Angle	-0,34									
Fore Udder Attachment	-2,68									
Front Teat Placement	-1,51									
Teat Length	1,80									
Rear Udder Height	-1,36									
Rear Udder Width	-0,08									
Central Ligament	-0,66									
Udder Depth	-2,29									
Rump Width	-2,23									
Rear Legs Rear View	-1,35									
Rear Teat Placement	-2,83									
Locomotion	-0,42									
Body Condition	0,35									

daught. average

75,2	Frame	-2,12
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71,5	Dairy Strength	-2,62
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76,0	Feet & Legs	-1,20
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75,5	Udder	-2,26
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	SHI	-125,6
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rank 827.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)

HERDBOOK - BULL CARD

Nádražná 36, 900 28 Ivanka pri Dunaji
tel.: +421 - 2 - 4594 3715, 4594 3741
e-mail: holstein@holstein.sk www.holstein.sk

Bull name	Registration number	Birth date	State Register
REFLECTION RED	SK001676183823	12.10.1983	RER-124
Country of origin	SK	Breed	R87,5 M12,5
Distributor	Slovensko	Herdbook	HB
		Paternity	..

Pedigree

Sire	PGS	CITATION R MAPLE
KEENDALE LODGE R KING-RED		US000001430145
CA000000330200	PGD	ROSEHOLM SOVEREIGN EVE
RED-021		CA000001882910
Dam	MGS	BEAN-PATCH LITTLE FRED-RED
SK000016761823		US000001630701
	MGD	SK000002357823
		BER-001

Milk production data	SK 10/2018	Herds	325	Daug.	3920	Rel.	99 %	SPI	-1056
Number controls		BV		Milk		Fat		rank	706.
77415				-220		-5	0,06	Prot.	rank
							-1	SCS	425.
							-0,07		

Type data	SHA 10/2018	Herds	14 / 9	Daug.	97	73,8	Rel.	88 %	TYPE	-4,18
								rank	882.	

Linear Traits	BV	-4	-3	-2	-1	0	+1	+2	+3	+4
Stature	-3,45	[Bar chart showing deviation from 0]								
Angularity	-0,52	[Bar chart showing deviation from 0]								
Chest Width	-1,34	[Bar chart showing deviation from 0]								
Body Depth	-1,13	[Bar chart showing deviation from 0]								
Rump Angle	0,95	[Bar chart showing deviation from 0]								
Rear Legs Side View	2,78	[Bar chart showing deviation from 0]								
Foot Angle	-1,86	[Bar chart showing deviation from 0]								
Fore Udder Attachment	-1,51	[Bar chart showing deviation from 0]								
Front Teat Placement	-1,94	[Bar chart showing deviation from 0]								
Teat Length	1,12	[Bar chart showing deviation from 0]								
Rear Udder Height	-2,39	[Bar chart showing deviation from 0]								
Rear Udder Width	-2,02	[Bar chart showing deviation from 0]								
Central Ligament	-0,64	[Bar chart showing deviation from 0]								
Udder Depth	-2,26	[Bar chart showing deviation from 0]								
Rump Width	-0,62	[Bar chart showing deviation from 0]								
Rear Legs Rear View	-1,32	[Bar chart showing deviation from 0]								
Rear Teat Placement	-2,29	[Bar chart showing deviation from 0]								
Locomotion	-0,53	[Bar chart showing deviation from 0]								
Body Condition	-0,31	[Bar chart showing deviation from 0]								

daught. average

73,4	Frame	-3,43
73,9	Dairy Strength	-1,56
75,2	Feet & Legs	-2,97
73,3	Udder	-3,11
	SHI	-199,2
	rank	877.

SK 10/2018 Milk production breeding values released by (Slovak State Breeding Institute), SCS - somatic cells

SHA 10/2018 Type breeding values released by (Slovak Holstein Association)

Breeding values overall conformation score (scale from 50 to 100), linear traits (scale from 1 to 9).

SHI Slovak Holstein Index (60 % SPI + 40 % TYPE)