



GGI-KENYA

2021

Proofs: August 2021

Holstein
Fleckvieh
Brown Swiss
Angler

Daughter Proven
Genomic



GGI-SPERMEX
Genetics made in Germany

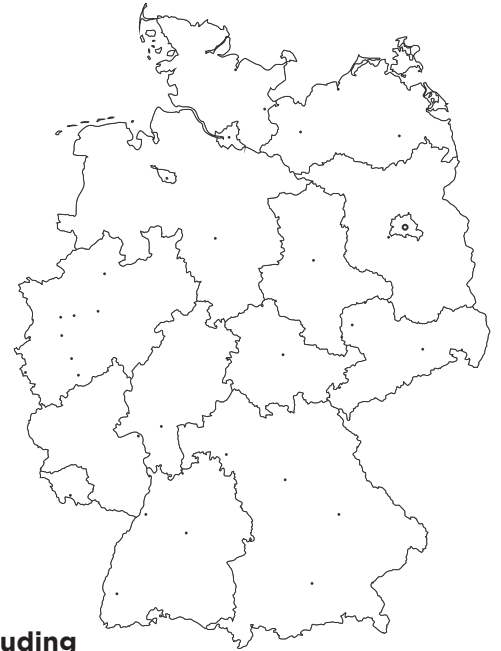
SIRE
CATALOGUE

Our Potential

PROFIT FROM THE LARGEST AND MOST EFFICIENT BREEDING PROGRAMS IN THE WORLD!

Germany has...

- ... the largest registered Holstein population worldwide
- ... the largest registered Red Holstein population worldwide
- ... the largest reference population with more than 42,000 sires and 200,000 cows (vit 08-2020)
- ... more than 1,600,000 registered Holstein cows
- ... more than 150,000 registered Red Holstein cows
- ... more than 730,000 registered German Fleckvieh cows
- ... more than 125,000 registered Brown Swiss cows
- ... proven cow families having deep pedigrees
- ... one of the oldest Holstein herd books in the world (1878) including overall data of more than 7,000,000 cattle
- ... national and international breeding programs
- ... the largest and most versatile reference populations in the world
- ... balanced breeding goals



Abbreviations USED IN THIS CATALOGUE

ALL HOLSTEIN BULLS IN THIS CATALOGUE ARE FREE OF BRACHYSPINA, BLAD, CVM AND CDH.

RZG	Total Merit Index	RZRobot	Breeding value Suitability for automatic milking systems (AMS)
RZ€	Economic Total Merit Index	GD	Granddam
RZM	Breeding value Milk production	GGD	Great Granddam
RZE	Breeding value Conformation	GGGD	Great Great Granddam
RZS	Breeding value Somatic cell count	aAa	Triple A code by Weeks®
RZN	Breeding value Longevity		Animal Analysis
RZR	Breeding value Daughter fertility	HB-Nr.	Herd book number
RZKd	Breeding value Calving ease (paternal calving ease)	VRC	Carrier of the Variant Red gene
RZKm	Breeding value Calving ease (maternal calving ease)	RDF	Tested non-carrier of red gene
RZD	Breeding value Milking speed	RDC	Red carrier
RZhealth	Breeding value Health	AMS	Automatic milking systems
RZudderfit	Breeding value Udder health	Rear leg set r.v.	Rear leg set rear view
RZhoof	Breeding value Hoof health	Rear udder h.	Rear udder height
RZrepro	Breeding value Reproduction	Suspens. lig.	Suspensory ligament
RZmetabol	Breeding value Metabolic health	Teat placem. f.	Teat placement (front)
DDcontrol	Breeding value Mortellaro resistance	Teat placem. r.	Teat placement (rear)
RZcalfhealth	Breeding value Calf health	Fore udder att.	Fore udder attachment

GGI-SPERMEX Members



GGI-SPERMEX
Genetics made in Germany



Having more than 1.2 million active dairy cows and nearly 35,000 active beef cows registered in their herdbooks, the GGI-SPERMEX members take care of almost 70% of the actual cattle breeding population in Germany.

Backed by the data and experience of more than 9,000 dairy herd book farms, GGI-SPERMEX is able to map all environmental and management conditions across Germany and, through this, offer ideal matings for any environmental conditions.

Bonfire

156569 born: 09.09.2016
 HOLDNKM00000258887
 aAa 324615



Jeske

RZG	RZ€	RZM	RZE	RZS	RZN	RZR	RZKd	RZKm	RZD
134	999	130	136	112	107	103	96	103	99
93 %	93 %	96 %	91 %	93 %	76 %	69 %	92 %	87 %	86 %

RZ health	106	78 %
RZ udderfit	103	69 %
RZ hoof	108	60 %
RZ metabol	98	67 %
RZ repro	104	60 %
RZ calfhealth	92	87 %
DDcontrol	100	61 %

RZRobot	---	- %
Cappa-Casein	AE	
Beta-Casein	A1A2	
Milk	Fat	Protein
+1321 kg	-0.22 %	+0.03 %
	+27 kg	+49 kg
Reliability	96 %	
Daughters	318	
Herds	164	

	76	88	100	112	124		
Dairy type						117	
Body						108	
Feet & Legs						122	
Udder						125	
Stature	small					125	tall
Dairy character	little					114	angular
Body depth	shallow					103	deep
Strength	narrow					106	wide
Rump angle	ascending					105	sloped
Rump width	narrow					108	wide
Rear leg angle	straight					91	sickled
Foot angle	low angle					116	steep angle
Hocks	swollen					111	clean
Rear leg set r.v.	toes out					109	parallel
Locomotion	bad					116	good
Rear udder h.	low					133	high
Suspens. lig.	weak					120	strong
Teat placem.f.	wide					115	close
Teat placem.r.	wide					123	close
Fore udder att.	loose					112	tight
Udder depth	deep					119	shallow
Teat length	short					98	long

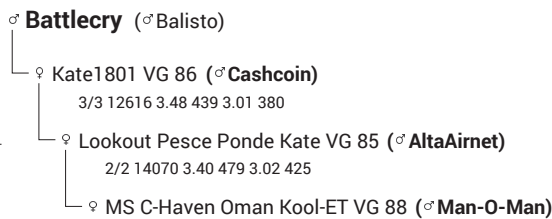
- Udder
- Feet & legs
- Milk production

Proof: VIT / 08-2021

Daughters/Herds: 135/63

Brilliance

Westcoast RUW Brilliance
 681825 born: 19.08.2016
 HOLDEUM000539335800
 aAa 423165



Brilliance

RZG	RZ€	RZM	RZE	RZS	RZN	RZR	RZKd	RZKm	RZD
143	1681	122	124	125	126	107	102	105	87
87 %	88 %	85 %	84 %	82 %	70 %	59 %	86 %	72 %	84 %

RZ health	126	75 %
RZ udderfit	116	65 %
RZ hoof	112	57 %
RZ metabol	109	61 %
RZ repro	111	57 %
RZ calfhealth	106	79 %
DDcontrol	106	58 %

RZRobot	---	- %
Cappa-Casein	AA	
Beta-Casein	A1A2	
Milk	Fat	Protein
+1018 kg	+0.08 %	-0.12 %
	+48 kg	+22 kg
Reliability	85 %	
Daughters	40	
Herds	25	

	76	88	100	112	124		
Dairy type						104	
Body						101	
Feet & Legs						116	
Udder						119	
Stature	small					112	tall
Dairy character	little					102	angular
Body depth	shallow					102	deep
Strength	narrow					97	wide
Rump angle	ascending					99	sloped
Rump width	narrow					100	wide
Rear leg angle	straight					92	sickled
Foot angle	low angle					104	steep angle
Hocks	swollen					119	clean
Rear leg set r.v.	toes out					103	parallel
Locomotion	bad					108	good
Rear udder h.	low					110	high
Suspens. lig.	weak					112	strong
Teat placem.f.	wide					109	close
Teat placem.r.	wide					102	close
Fore udder att.	loose					115	tight
Udder depth	deep					117	shallow
Teat length	short					104	long

- Conformation
- Longevity
- Daughter fertility

Proof: VIT / 08-2021

Daughters/Herds: 44/26

Brosnan

823205 born: 06.02.2017
HOLDEUM000360157474
aAa 432561



progeny tested

HOLSTEIN

RZG 133 86 %	RZ€ 1283 87 %	RZM 124 82 %	RZE 114 81 %	RZS 107 81 %	RZN 113 70 %	RZR 98 59 %	RZKd 99 80 %	RZKm 118 71 %	RZD 102 77 %
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RZ health	120	75 %
RZ udderfit	110	66 %
RZ hoof	108	58 %
RZ metabol	115	62 %
RZ repro	105	58 %
RZ calfhealth	105	65 %
DDcontrol	109	57 %

RZRobot	112	79 %
Cappa-Casein	AB	
Beta-Casein	A2A2	
Milk	Fat	Protein
+380 kg	+0.16 %	+0.21 %
	+31 kg	+34 kg
Reliability	82 %	
Daughters	30	
Herds	10	

	76	88	100	112	124	
Dairy type						103
Body						109
Feet & Legs						103
Udder						112
Stature	small					114 tall
Dairy character	little					104 angular
Body depth	shallow					103 deep
Strength	narrow					106 wide
Rump angle	ascending					96 sloped
Rump width	narrow					107 wide
Rear leg angle	straight					92 sickled
Foot angle	low angle					107 steep angle
Hocks	swollen					102 clean
Rear leg set r.v.	toes out					95 parallel
Locomotion	bad					101 good
Rear udder h.	low					114 high
Suspens. lig.	weak					105 strong
Teat placem.f.	wide					97 close
Teat placem.r.	wide					94 close
Fore udder att.	loose					106 tight
Udder depth	deep					110 shallow
Teat length	short					101 long

- Improve health
- Calving ease
- A2/A2

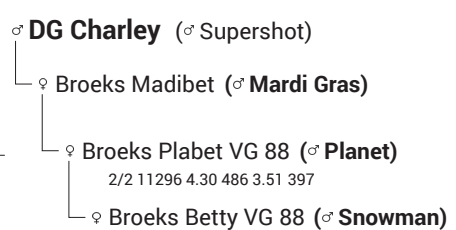
Proof: VIT / 08-2021

Daughters/Herds: -/-

Casino

VEELHORST DG MADRID

156583 born: 11.02.2017
HOLNLDM000865720444
aAa 351426



progeny tested

HOLSTEIN

RZG 153 89 %	RZ€ 2222 90 %	RZM 150 90 %	RZE 115 87 %	RZS 115 88 %	RZN 121 72 %	RZR 108 62 %	RZKd 109 97 %	RZKm 112 79 %	RZD 106 88 %
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RZ health	116	74 %
RZ udderfit	106	65 %
RZ hoof	111	57 %
RZ metabol	108	60 %
RZ repro	109	55 %
RZ calfhealth	107	93 %
DDcontrol	106	58 %

RZRobot	---	-- %
Cappa-Casein	--	
Beta-Casein	A2A2	
Milk	Fat	Protein
+1976 kg	+0.02 %	-0.03 %
	+80 kg	+64 kg
Reliability	90 %	
Daughters	119	
Herds	59	

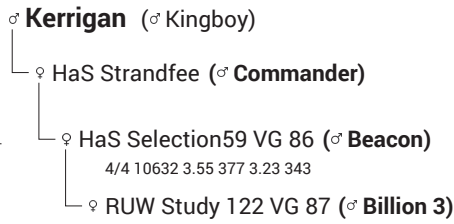
	76	88	100	112	124	
Dairy type						107
Body						97
Feet & Legs						120
Udder						106
Stature	small					99 tall
Dairy character	little					106 angular
Body depth	shallow					101 deep
Strength	narrow					92 wide
Rump angle	ascending					109 sloped
Rump width	narrow					94 wide
Rear leg angle	straight					93 sickled
Foot angle	low angle					113 steep angle
Hocks	swollen					103 clean
Rear leg set r.v.	toes out					109 parallel
Locomotion	bad					117 good
Rear udder h.	low					106 high
Suspens. lig.	weak					89 strong
Teat placem.f.	wide					112 close
Teat placem.r.	wide					105 close
Fore udder att.	loose					108 tight
Udder depth	deep					103 shallow
Teat length	short					92 long

- Milk production
- Functionality
- Hoof health

Proof: VIT / 08-2021

Daughters/Herds: 76/39

Kontex



572947 born: 10.12.2016
 HOLDEUM000122629409
 aAa 432516



Wisconsin

RZG	RZ€	RZM	RZE	RZS	RZN	RZR	RZKd	RZKm	RZD
146	1762	148	129	101	110	100	98	115	106
89 %	90 %	89 %	86 %	86 %	72 %	61 %	89 %	77 %	84 %

RZ health	108	75 %
RZ udderfit	99	66 %
RZ hoof	100	58 %
RZ metabol	112	62 %
RZ repro	106	58 %
RZ calfhealth	107	88 %
DDcontrol	106	58 %

RZRobot	108	85 %
Cappa-Casein	AA	
Beta-Casein	A2A2	
Milk	Fat	Protein
+1256 kg	+0.25 %	+0.17 %
	+77 kg	+61 kg
Reliability	89 %	
Daughters	100	
Herds	56	

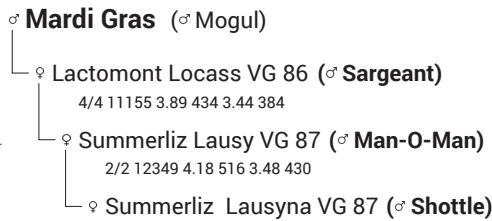
	76	88	100	112	124		
Dairy type							
Body						114	
Feet & Legs						106	
Udder						123	
Stature	small					113	tall
Dairy character	little					124	angular
Body depth	shallow					110	deep
Strength	narrow					101	wide
Rump angle	ascending					108	sloped
Rump width	narrow					116	wide
Rear leg angle	straight					87	sickled
Foot angle	low angle					117	steep angle
Hocks	swollen					89	clean
Rear leg set r.v.	toes out					111	parallel
Locomotion	bad					106	good
Rear udder h.	low					129	high
Suspens. lig.	weak					111	strong
Teat placem.f.	wide					108	close
Teat placem.r.	wide					106	close
Fore udder att.	loose					112	tight
Udder depth	deep					108	shallow
Teat length	short					100	long

- Milk-kg
- Type
- A2A2

Proof: VIT / 08-2021

Daughters/Herds: 63/38

Monarch



154207 born: 22.01.2015
 HOLDEUM000357607976
 aAa 234165



Dakota

RZG	RZ€	RZM	RZE	RZS	RZN	RZR	RZKd	RZKm	RZD
127	897	126	127	103	103	103	103	93	109
95 %	96 %	98 %	90 %	97 %	86 %	79 %	92 %	91 %	86 %

RZ health	106	85 %
RZ udderfit	99	79 %
RZ hoof	114	73 %
RZ metabol	99	73 %
RZ repro	104	69 %
RZ calfhealth	93	86 %
DDcontrol	121	75 %

RZRobot	---	- %
Cappa-Casein	AA	
Beta-Casein	A2A2	
Milk	Fat	Protein
+595 kg	+0.15 %	+0.13 %
	+39 kg	+34 kg
Reliability	98 %	
Daughters	646	
Herds	308	

	76	88	100	112	124		
Dairy type							
Body						115	
Feet & Legs						106	
Udder						125	
Stature	small					112	tall
Dairy character	little					102	angular
Body depth	shallow					105	deep
Strength	narrow					119	wide
Rump angle	ascending					84	sloped
Rump width	narrow					118	wide
Rear leg angle	straight					92	sickled
Foot angle	low angle					111	steep angle
Hocks	swollen					88	clean
Rear leg set r.v.	toes out					109	parallel
Locomotion	bad					108	good
Rear udder h.	low					120	high
Suspens. lig.	weak					102	strong
Teat placem.f.	wide					123	close
Teat placem.r.	wide					121	close
Fore udder att.	loose					123	tight
Udder depth	deep					121	shallow
Teat length	short					107	long

- Udder
- Milk & Components
- Daughter fertility

Proof: VIT / 08-2021

Daughters/Herds: 123/65

Sinclair

H5C
804345 born: 02.09.2013
 HOLDEUM000538108949
 aAa 342516



♂ **Shaw** (♂ Freddie)
 ♀ Sambuca VG 86 (♂ **Beacon**)
 5/5 12072 4.13 499 3.48 420
 ♀ Sarah VG 86 (♂ **Goldwin**)
 6/6 12253 3.87 474 3.26 399
 ♀ Saphir VG 86 (♂ **Bormio**)



progeny tested

HOLSTEIN

Sigrid

RZG 131 98 %	RZ€ 1108 98 %	RZM 129 99 %	RZE 116 95 %	RZS 107 98 %	RZN 111 94 %	RZR 110 86 %	RZKd 108 94 %	RZKm 83 94 %	RZD 107 92 %
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RZ health	107	93 %
RZ udderfit	103	91 %
RZ hoof	101	89 %
RZ metabol	105	86 %
RZ repro	111	84 %
RZ calfhealth	90	91 %
DDcontrol	101	91 %

RZRobot	---	-- %
Cappa-Casein	AB	
Beta-Casein	-/-	
Milk	Fat	Protein
+1125 kg	+0.05 %	-0.02 %
	+50 kg	+36 kg
Reliability	99 %	
Daughters	778	
Herds	219	

	76	88	100	112	124	
Dairy type						76
Body						104
Feet & Legs						115
Udder						116
Stature	small					86 tall
Dairy character	little					77 angular
Body depth	shallow					100 deep
Strength	narrow					118 wide
Rump angle	ascending					104 sloped
Rump width	narrow					99 wide
Rear leg angle	straight					108 sickled
Foot angle	low angle					86 steep angle
Hocks	swollen					118 clean
Rear leg set r.v.	toes out					118 parallel
Locomotion	bad					110 good
Rear udder h.	low					106 high
Suspens. lig.	weak					103 strong
Teat placem.f.	wide					104 close
Teat placem.r.	wide					109 close
Fore udder att.	loose					123 tight
Udder depth	deep					111 shallow
Teat length	short					95 long

- Functionality
- Milk production
- Medium framed

Proof: VIT / 08-2021

Daughters/Herds: 262/60

Sukari

MHD Sukari
804334 born: 12.04.2013
 HOLDEUM001404626165
 aAa 243156



♂ **Supersire** (♂ Robust)
 ♀ MHD Lorelei VG 85 (♂ **Gerard**)
 4/4 13188 3.90 514 3.31 436
 ♀ GH Lotos EX 90 (♂ **Shottle**)
 9/9 12887 4.03 519 3.25 419
 ♀ BIL Lolita EX 91 (♂ **Ramos**)



progeny tested

HOLSTEIN

Tochter: Sue Ann

RZG 134 95 %	RZ€ 1166 95 %	RZM 127 96 %	RZE 120 90 %	RZS 91 94 %	RZN 108 86 %	RZR 117 75 %	RZKd 109 88 %	RZKm 108 84 %	RZD 114 87 %
----------------------------------	-----------------------------------	----------------------------------	----------------------------------	---------------------------------	----------------------------------	----------------------------------	-----------------------------------	-----------------------------------	----------------------------------

RZ health	115	90 %
RZ udderfit	107	87 %
RZ hoof	105	84 %
RZ metabol	115	80 %
RZ repro	104	78 %
RZ calfhealth	105	79 %
DDcontrol	107	86 %

RZRobot	112	89 %
Cappa-Casein	-	
Beta-Casein	A1A2	
Milk	Fat	Protein
+1268 kg	-0.20 %	+0.00 %
	+27 kg	+43 kg
Reliability	96 %	
Daughters	208	
Herds	51	

	76	88	100	112	124	
Dairy type						101
Body						105
Feet & Legs						108
Udder						119
Stature	small					108 tall
Dairy character	little					98 angular
Body depth	shallow					102 deep
Strength	narrow					103 wide
Rump angle	ascending					92 sloped
Rump width	narrow					100 wide
Rear leg angle	straight					99 sickled
Foot angle	low angle					99 steep angle
Hocks	swollen					103 clean
Rear leg set r.v.	toes out					102 parallel
Locomotion	bad					109 good
Rear udder h.	low					111 high
Suspens. lig.	weak					107 strong
Teat placem.f.	wide					85 close
Teat placem.r.	wide					99 close
Fore udder att.	loose					121 tight
Udder depth	deep					119 shallow
Teat length	short					100 long

- AMS
- Milking speed
- Health

Proof: VIT / 08-2021

Daughters/Herds: 97/21

Baldus

KAX Baldus

574193 born: 22.08.2019
 HOLDEUM000123451750
 aAa 243651



♂ **Bali** (♂ **Legendary**)
 ♀ **Naomie GP 83** (♂ **Elbrus**)
 1/1 10539 4.61 486 4.08 430
 ♀ **Nikita VG 87** (♂ **Silver**)
 3/3 12411 4.28 531 3.71 461
 ♀ **Ninna VG 89** (♂ **Supersire**)



Baldus

RZG	RZ€	RZM	RZE	RZS	RZN	RZR	RZKd	RZKm	RZD
147	1926	145	121	116	107	116	100	108	93
80 %	82 %	73 %	70 %	76 %	66 %	53 %	60 %	62 %	75 %

RZ health	115	70 %
RZ udderfit	106	60 %
RZ hoof	110	51 %
RZ metabol	103	54 %
RZ repro	111	52 %
RZ calfhealth	103	46 %
DDcontrol	110	51 %

RZRobot	---	- %
Cappa-Casein	AB	
Beta-Casein	A2A2	
Milk	Fat	Protein
+1415 kg	+0.11 %	+0.11 %
	+68 kg	+61 kg
Reliability	73 %	
Daughters	-	
Herds	-	

	76	88	100	112	124		
Dairy type						110	
Body						106	
Feet & Legs						109	
Udder						117	
Stature	small					108	tall
Dairy character	little					112	angular
Body depth	shallow					101	deep
Strength	narrow					100	wide
Rump angle	ascending					98	sloped
Rump width	narrow					107	wide
Rear leg angle	straight					94	sickled
Foot angle	low angle					105	steep angle
Hocks	swollen					104	clean
Rear leg set r.v.	toes out					103	parallel
Locomotion	bad					106	good
Rear udder h.	low					119	high
Suspens. lig.	weak					112	strong
Teat placem.f.	wide					99	close
Teat placem.r.	wide					105	close
Fore udder att.	loose					113	tight
Udder depth	deep					108	shallow
Teat length	short					94	long

Daughters/Herds: -/

Proof: VIT / 08-2021

- Functionality
- Daughter fertility
- Udder

Baseball

SH Baseball
H1C

574191 born: 06.08.2019
 HOLDEUM000123387500
 aAa 243615



♂ **Basic** (♂ **Frazzled**)
 ♀ **SH Josie VG 86** (♂ **Gymnast**)
 1/1 13429 3.11 417 3.52 473
 ♀ **SH Josie VG 89** (♂ **Silver**)
 2/2 16273 3.62 589 3.46 563
 ♀ **SH Model Josi VG 87** (♂ **Model**)



Baseball

RZG	RZ€	RZM	RZE	RZS	RZN	RZR	RZKd	RZKm	RZD
154	2026	128	129	123	129	105	103	121	96
81 %	83 %	74 %	70 %	76 %	66 %	52 %	60 %	61 %	76 %

RZ health	130	70 %
RZ udderfit	118	60 %
RZ hoof	112	50 %
RZ metabol	115	54 %
RZ repro	107	52 %
RZ calfhealth	97	46 %
DDcontrol	107	50 %

RZRobot	---	- %
Cappa-Casein	AB	
Beta-Casein	A1A2	
Milk	Fat	Protein
+1087 kg	-0.02 %	+0.01 %
	+40 kg	+38 kg
Reliability	74 %	
Daughters	-	
Herds	-	

	76	88	100	112	124		
Dairy type						99	
Body						106	
Feet & Legs						109	
Udder						129	
Stature	small					114	tall
Dairy character	little					98	angular
Body depth	shallow					102	deep
Strength	narrow					108	wide
Rump angle	ascending					109	sloped
Rump width	narrow					99	wide
Rear leg angle	straight					86	sickled
Foot angle	low angle					107	steep angle
Hocks	swollen					96	clean
Rear leg set r.v.	toes out					111	parallel
Locomotion	bad					109	good
Rear udder h.	low					135	high
Suspens. lig.	weak					115	strong
Teat placem.f.	wide					93	close
Teat placem.r.	wide					110	close
Fore udder att.	loose					119	tight
Udder depth	deep					123	shallow
Teat length	short					96	long

Daughters/Herds: -/

Proof: VIT / 08-2021

- Improves health
- Conformation
- Longevity

Finalist

684689 born: 30.03.2017
 HOLDEUM000539586620
 aAa 342165



♂ **Finder** (♂ Balisto)
 ♀ **Katinka VG 85** (♂ Missouri)
 2/2 9818 3.77 370 3.60 353
 ♀ **Kathlen VG 86** (♂ Beacon)
 3/3 12775 2.98 381 3.28 419
 ♀ **Kanada VG 87** (♂ Mr.Burns RDC)



genomic
 HOLSTEIN

RZG 133 83 %	RZ€ 1169 85 %	RZM 121 76 %	RZE 120 74 %	RZS 127 78 %	RZN 116 69 %	RZR 105 58 %	RZKd 107 79 %	RZKm 118 66 %	RZD 89 77 %
----------------------------------	-----------------------------------	----------------------------------	----------------------------------	----------------------------------	----------------------------------	----------------------------------	-----------------------------------	-----------------------------------	---------------------------------

RZ health	114	74 %
RZ udderfit	111	65 %
RZ hoof	110	56 %
RZ metabol	102	59 %
RZ repro	101	56 %
RZ calfhealth	81	66 %
DDcontrol	113	56 %

RZRobot	---	-- %
Cappa-Casein	AB	
Beta-Casein	A2A2	
Milk	Fat	Protein
+829 kg	-0.06 %	+0.02 %
	+27 kg	+30 kg
Reliability	76 %	
Daughters	-	
Herds	-	

	76	88	100	112	124	
Dairy type						106
Body						96
Feet & Legs						122
Udder						111
Stature	small					112 tall
Dairy character	little					105 angular
Body depth	shallow					101 deep
Strength	narrow					98 wide
Rump angle	ascending					94 sloped
Rump width	narrow					89 wide
Rear leg angle	straight					101 sickled
Foot angle	low angle					108 steep angle
Hocks	swollen					112 clean
Rear leg set r.v.	toes out					114 parallel
Locomotion	bad					114 good
Rear udder h.	low					110 high
Suspens. lig.	weak					94 strong
Teat placem.f.	wide					90 close
Teat placem.r.	wide					79 close
Fore udder att.	loose					114 tight
Udder depth	deep					114 shallow
Teat length	short					122 long

- For AMS
- Fitness
- Health

Proof: VIT / 08-2021

Daughters/Herds: -/-

Freezer

PEELDIJKER FREEZER

572990 born: 23.03.2017
 HOLNLDM000714486596
 aAa 423156



♂ **Finder** (♂ Balisto)
 ♀ **Liesje1195 VG 87** (♂ Silver)
 2/2 12796 4.26 545 3.46 443
 ♀ **Liesje1105 VG 86** (♂ Fanatic)
 3/3 13389 4.25 569 3.53 473
 ♀ **Liesje992 VG 87** (♂ Bluejay)



genomic
 HOLSTEIN

RZG 144 82 %	RZ€ 1647 85 %	RZM 123 75 %	RZE 130 73 %	RZS 116 77 %	RZN 123 69 %	RZR 112 58 %	RZKd 100 96 %	RZKm 116 65 %	RZD 103 77 %
----------------------------------	-----------------------------------	----------------------------------	----------------------------------	----------------------------------	----------------------------------	----------------------------------	-----------------------------------	-----------------------------------	----------------------------------

RZ health	123	74 %
RZ udderfit	111	64 %
RZ hoof	111	56 %
RZ metabol	112	59 %
RZ repro	108	56 %
RZ calfhealth	97	92 %
DDcontrol	108	57 %

RZRobot	117	74 %
Cappa-Casein	BB	
Beta-Casein	A1A2	
Milk	Fat	Protein
+933 kg	+0.00 %	-0.02 %
	+37 kg	+29 kg
Reliability	75 %	
Daughters	-	
Herds	-	

	76	88	100	112	124	
Dairy type						105
Body						114
Feet & Legs						116
Udder						120
Stature	small					118 tall
Dairy character	little					105 angular
Body depth	shallow					114 deep
Strength	narrow					113 wide
Rump angle	ascending					113 sloped
Rump width	narrow					107 wide
Rear leg angle	straight					99 sickled
Foot angle	low angle					112 steep angle
Hocks	swollen					102 clean
Rear leg set r.v.	toes out					113 parallel
Locomotion	bad					111 good
Rear udder h.	low					110 high
Suspens. lig.	weak					101 strong
Teat placem.f.	wide					114 close
Teat placem.r.	wide					99 close
Fore udder att.	loose					121 tight
Udder depth	deep					120 shallow
Teat length	short					96 long

- Strength
- Rump
- Type

Proof: VIT / 08-2021

Daughters/Herds: -/-

Hogwart PP

KNS Hogwart PP

PP*

823233 born: 07.12.2018

HOLDEUM000361080162

aAa 432561

♂ **Hotspot P** (♂ Superhero)

♀ KNS Misboard VG 85 (♂ Board)

1/1 10918 4.44 485 3.75 409

♀ KNS Missbalisto GP 84 (♂ Balisto)

1/1 7132 4.44 317 3.39 242

♀ KNS Miss Epic (♂ Epic)



Hogwart PP

RZG	RZ€	RZM	RZE	RZS	RZN	RZR	RZKd	RZKm	RZD
143	1764	136	119	109	117	112	112	105	94
82 %	84 %	75 %	73 %	77 %	67 %	54 %	87 %	65 %	78 %

RZ health	111	71 %
RZ udderfit	108	61 %
RZ hoof	104	52 %
RZ metabol	103	56 %
RZ repro	104	53 %
RZ calfhealth	109	57 %
DDcontrol	92	53 %

RZRobot	---	- %
Cappa-Casein	AE	
Beta-Casein	A2A2	
Milk	Fat	Protein
+901 kg	+0.20 %	+0.14 %
	+57 kg	+46 kg
Reliability	75 %	
Daughters	-	
Herds	-	

	76	88	100	112	124		
Dairy type						110	
Body						100	
Feet & Legs						109	
Udder						116	
Stature	small					108	tall
Dairy character	little					109	angular
Body depth	shallow					104	deep
Strength	narrow					97	wide
Rump angle	ascending					90	sloped
Rump width	narrow					98	wide
Rear leg angle	straight					83	sickled
Foot angle	low angle					115	steep angle
Hocks	swollen					101	clean
Rear leg set r.v.	toes out					103	parallel
Locomotion	bad					107	good
Rear udder h.	low					116	high
Suspens. lig.	weak					109	strong
Teat placem.f.	wide					103	close
Teat placem.r.	wide					104	close
Fore udder att.	loose					112	tight
Udder depth	deep					111	shallow
Teat length	short					92	long

Daughters/Herds: -/-

Proof: VIT / 08-2021

Makari PP

RHO Makari PP

PP*

811597 born: 04.04.2017

HOLDEUM000951596685

aAa 342156

♂ **Mission P** (♂ Missouri)

♀ De-Su Damira GP 83 (♂ Style P)

2/2 10673 3.73 398 3.32 354

♀ De-Su Odaddy 2392-ET GP 82 (♂ Daddy)

2/2 11737 3.23 379 3.12 366

♀ De-Su 666-ET GP 83 (♂ Robust)



Makari PP

RZG	RZ€	RZM	RZE	RZS	RZN	RZR	RZKd	RZKm	RZD
129	1286	125	107	107	112	99	107	108	98
86 %	87 %	81 %	82 %	81 %	69 %	59 %	97 %	67 %	84 %

RZ health	110	75 %
RZ udderfit	106	65 %
RZ hoof	112	57 %
RZ metabol	98	61 %
RZ repro	103	59 %
RZ calfhealth	125	94 %
DDcontrol	112	57 %

RZRobot	---	- %
Cappa-Casein	BB	
Beta-Casein	A2A2	
Milk	Fat	Protein
+1122 kg	-0.09 %	-0.03 %
	+34 kg	+35 kg
Reliability	81 %	
Daughters	27	
Herds	13	

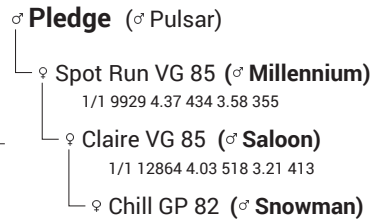
	76	88	100	112	124		
Dairy type						114	
Body						79	
Feet & Legs						111	
Udder						108	
Stature	small					91	tall
Dairy character	little					113	angular
Body depth	shallow					83	deep
Strength	narrow					81	wide
Rump angle	ascending					97	sloped
Rump width	narrow					92	wide
Rear leg angle	straight					102	sickled
Foot angle	low angle					97	steep angle
Hocks	swollen					116	clean
Rear leg set r.v.	toes out					103	parallel
Locomotion	bad					106	good
Rear udder h.	low					102	high
Suspens. lig.	weak					105	strong
Teat placem.f.	wide					104	close
Teat placem.r.	wide					108	close
Fore udder att.	loose					109	tight
Udder depth	deep					103	shallow
Teat length	short					116	long

Daughters/Herds: 30/13

Proof: VIT / 08-2021

Poseidon

572992 born: 24.04.2017
HOLDEUM000122479660
aAa 234165



genomic
HOLSTEIN

RZG 132 82 %	RZ€ 1156 84 %	RZM 131 75 %	RZE 134 72 %	RZS 105 77 %	RZN 101 69 %	RZR 92 57 %	RZKd 105 77 %	RZKm 110 64 %	RZD 108 76 %
----------------------------------	-----------------------------------	----------------------------------	----------------------------------	----------------------------------	----------------------------------	---------------------------------	-----------------------------------	-----------------------------------	----------------------------------

RZ health	107	71 %
RZ udderfit	105	62 %
RZ hoof	100	53 %
RZ metabol	105	56 %
RZ repro	102	53 %
RZ calfhealth	103	67 %
DDcontrol	100	53 %

RZRobot	---	-- %
Cappa-Casein	BB	
Beta-Casein	A2A2	
Milk	Fat	Protein
+1248 kg	+0.00 %	-0.02 %
	+49 kg	+41 kg
Reliability	75 %	
Daughters	-	
Herds	-	

	76	88	100	112	124	
Dairy type						
Body						131
Feet & Legs						110
Udder						126
Stature	small					134 tall
Dairy character	little					131 angular
Body depth	shallow					118 deep
Strength	narrow					103 wide
Rump angle	ascending					92 sloped
Rump width	narrow					115 wide
Rear leg angle	straight					98 sickled
Foot angle	low angle					109 steep angle
Hocks	swollen					105 clean
Rear leg set r.v.	toes out					105 parallel
Locomotion	bad					104 good
Rear udder h.	low					122 high
Suspens. lig.	weak					122 strong
Teat placem.f.	wide					115 close
Teat placem.r.	wide					113 close
Fore udder att.	loose					118 tight
Udder depth	deep					118 shallow
Teat length	short					101 long

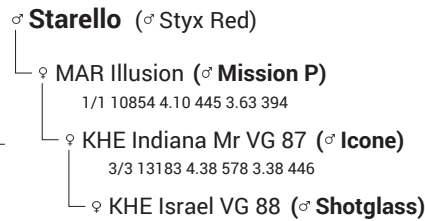
- Milk production
- Conformation
- Maternal calving ease

Proof: VIT / 08-2021

Daughters/Herds: -/-

Skinner RDC

RDC
823255 born: 04.09.2019
HOLDEUM000361971737
aAa 342516



genomic
HOLSTEIN

RZG 155 81 %	RZ€ 2366 83 %	RZM 141 74 %	RZE 114 71 %	RZS 124 76 %	RZN 125 67 %	RZR 114 53 %	RZKd 103 62 %	RZKm 108 62 %	RZD 83 76 %
----------------------------------	-----------------------------------	----------------------------------	----------------------------------	----------------------------------	----------------------------------	----------------------------------	-----------------------------------	-----------------------------------	---------------------------------

RZ health	126	71 %
RZ udderfit	116	61 %
RZ hoof	112	53 %
RZ metabol	110	56 %
RZ repro	108	53 %
RZ calfhealth	107	52 %
DDcontrol	118	53 %

RZRobot	---	-- %
Cappa-Casein	BB	
Beta-Casein	A2A2	
Milk	Fat	Protein
+1579 kg	+0.02 %	+0.00 %
	+64 kg	+54 kg
Reliability	74 %	
Daughters	-	
Herds	-	

	76	88	100	112	124	
Dairy type						
Body						101
Feet & Legs						118
Udder						113
Stature	small					90 tall
Dairy character	little					101 angular
Body depth	shallow					84 deep
Strength	narrow					90 wide
Rump angle	ascending					99 sloped
Rump width	narrow					89 wide
Rear leg angle	straight					101 sickled
Foot angle	low angle					99 steep angle
Hocks	swollen					116 clean
Rear leg set r.v.	toes out					110 parallel
Locomotion	bad					112 good
Rear udder h.	low					111 high
Suspens. lig.	weak					101 strong
Teat placem.f.	wide					113 close
Teat placem.r.	wide					106 close
Fore udder att.	loose					112 tight
Udder depth	deep					108 shallow
Teat length	short					96 long

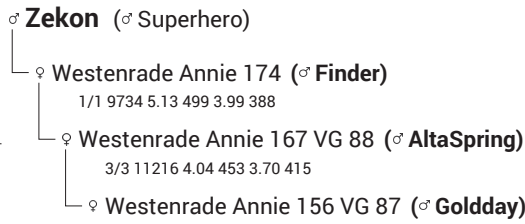
- Functionality
- Milk production
- Improves health

Proof: VIT / 08-2021

Daughters/Herds: -/-

Zarino

823261 born: 29.09.2019
HOLDEUM001306103665
aAa 342516



Zarino

RZG	RZ€	RZM	RZE	RZS	RZN	RZR	RZKd	RZKm	RZD
154	2349	149	117	105	120	106	104	109	107
80 %	82 %	73 %	70 %	75 %	66 %	52 %	58 %	61 %	75 %

RZ health	119	70 %
RZ udderfit	104	60 %
RZ hoof	111	51 %
RZ metabol	113	54 %
RZ repro	109	52 %
RZ calfhealth	102	45 %
DDcontrol	114	50 %

RZRobot	---	- %
Cappa-Casein	BB	
Beta-Casein	A2A2	
Milk	Fat	Protein
+1527 kg	+0.15 %	+0.10 %
	+77 kg	+64 kg
Reliability	73 %	
Daughters	-	
Herds	-	

	76	88	100	112	124	
Dairy type						
Body						100
Feet & Legs						109
Udder						112
Stature	small					108
Dairy character	little					100
Body depth	shallow					103
Strength	narrow					107
Rump angle	ascending					105
Rump width	narrow					104
Rear leg angle	straight					98
Foot angle	low angle					103
Hocks	swollen					106
Rear leg set r.v.	toes out					105
Locomotion	bad					110
Rear udder h.	low					107
Suspens. lig.	weak					114
Teat placem.f.	wide					106
Teat placem.r.	wide					107
Fore udder att.	loose					105
Udder depth	deep					104
Teat length	short					98

Daughters/Herds: -/-

- Longevity
- Components
- Improves health

Proof: VIT / 08-2021

GGI-SPERMEX

Genetics made in Germany

Photo: Anne-Mette Evers

Anne-Mette Evers

Hokuspokus

857432 Pigm.: 40%

Born: 26.05.2016
DE 09 51718913
aAa 531462



♂ HURLY (♂ HULKOR), (♀ AFRA)

♀ NELLE (♂ NARR)

8/7 9473 4.20 397 3.57 338

♀ NELLI (♂ ZAHNER)

5/5 6129 4.92 301 3.87 237



progeny tested

FLECKVIEH – SIMMENTAL

gTMI 136 90% **Allround sire** **Fitness** **Udder**

Milk	MI 122 96%	Beef Performance	BI 113 98%	Fitness	FIT 116 88%	Type traits	84 Daughters
Milk +691 kg	Fat +0.09 % +37 kg	Protein +0.04 % +28 kg	Daily net gain 111 99%	Longevity 109 76%	Udder health 106 91%	Calving ease pat. 108 99%	Calving ease mat. 104 90%
Daughters 169	Herds 137	Carcass percentage 117 97%	Carcass grade 103 98%	Prod. increase 96 93%	Persistence 101 94%	Som. cell count 104 91%	Fertility mat. 117 78%
Cappa-Casein AA	Beta-Casein A2A2			Milking speed 102 93%	Vitality 109 94%	Ecol. TMI 131 93%	

Trait	76	88	100	112	124
Frame					110
Muscling					96
Feet & Legs					115
Udder					125
Height at cross	small				large 111
Body length	short				long 109
Rump width	narrow				wide 104
Body depth	shallow				deep 107
Rump angle	ascending				sloped 89
Hock angularity	straight				sickled 104
Hock develop.	swollen				dry 115
Pasterns	weak				strong 106
Foot angle	low angles				steep angles 113
Fore udder length	short				long 103
Rear udder length	short				long 98
Fore udder att.	loose				tight 121
Susp. ligament	weak				strong 96
Udder depth	deep				high 116
Teat length	short				long 97
Teat thickness	thin				thick 96
Teat placem. (front)	wide				close 116
Teat placem. (rear)	wide				close 97
Teat direction (rear)	outwards				inwards 103
Udder cleanness	add. teats				clean udder 98



Arielle, daughter of Hokuspokus

Proof: ZAR / 08-2021

HugoBoss

606193 Pigm.: 45%

Born: 19.02.2015
AT 629.905.428
aAa 342561



♂ HUTERA (♂ HUTMANN), (♀ WANDERA)

♀ ERLE 1.87-83-90-88 K1 50 (♂ WILLE)

7/6 9507 4.53 430 3.40 323

♀ ERLE (♂ ROSSI)

3/3 7865 4.23 332 3.12 245



progeny tested

FLECKVIEH – SIMMENTAL

gTMI 120 98% **Feet & Legs** **Milking speed** **Milk**

Milk	MI 120 99%	Beef Performance	BI 96 99%	Fitness	FIT 102 97%	Type traits	661 Daughters
Milk +1127 kg	Fat -0.10 % +38 kg	Protein -0.20 % +22 kg	Daily net gain 87 99%	Longevity 105 93%	Udder health 101 98%	Calving ease pat. 101 99%	Calving ease mat. 97 98%
Daughters 1959	Herds 1092	Carcass percentage 102 99%	Carcass grade 97 99%	Prod. increase 92 99%	Persistence 105 99%	Som. cell count 102 99%	Fertility mat. 100 95%
Cappa-Casein AA	Beta-Casein A1A2			Milking speed 116 99%	Vitality 98 98%	Ecol. TMI 114 98%	

Trait	76	88	100	112	124
Frame					96
Muscling					94
Feet & Legs					121
Udder					107
Height at cross	small				large 97
Body length	short				long 93
Rump width	narrow				wide 93
Body depth	shallow				deep 102
Rump angle	ascending				sloped 107
Hock angularity	straight				sickled 88
Hock develop.	swollen				dry 102
Pasterns	weak				strong 120
Foot angle	low angles				steep angles 107
Fore udder length	short				long 107
Rear udder length	short				long 109
Fore udder att.	loose				tight 85
Susp. ligament	weak				strong 108
Udder depth	deep				high 99
Teat length	short				long 87
Teat thickness	thin				thick 97
Teat placem. (front)	wide				close 109
Teat placem. (rear)	wide				close 108
Teat direction (rear)	outwards				inwards 110
Udder cleanness	add. teats				clean udder 105



Ami, daughter of Hugoboss

Proof: ZAR / 08-2021

Humbold

186960 Pigm.: 16%

Born: 20.05.2015
DE 09 50054104



♂ HUTERA (♂ HUTMANN), (♀ WANDERA)

♀ MEIKA (♂ VANADIN)

6/5 9134 3.61 329 3.43 313

♀ MAIKE (♂ RIESLING)

7/7 10711 4.01 430 3.64 390



Humbold

gTMI
126
89%

Type

Milk

Daily gains

Milk			Beef Performance		Fitness		Type traits						
MI 127 96%			BI 101 92%		FIT 103 88%		71 Daughters						
Milk +1382 kg	Fat -0.21 %	Protein -0.09 %	Daily net gain 109	93%	Longevity 107	77%	Trait						
	+38 kg	+41 kg			Udder health 106	92%	76	88	100	112	124		
Daughters 132			Carcass percentage 97	84%	Calving ease pat. 100	96%	Frame					109	
Herds 104			Carcass grade 101	92%	Calving ease mat. 103	88%	Muscling					107	
Cappa-Casein AA					Prod. increase 100	94%	Feet & Legs					104	
Beta-Casein -					Persistency 100	95%	Udder					105	
					Som. cell count 109	92%	Height at cross	small				109	large
					Fertility mat. 97	79%	Body length	short				109	long
					Milking speed 87	93%	Rump width	narrow				110	wide
					Vitality 98	85%	Body depth	shallow				112	deep
					Ecol. TMI 116	92%	Rump angle	ascending				109	sloped
							Hock angularity	straight				96	sickled
							Hock develop.	swollen				91	dry
							Pasterns	weak				111	strong
							Foot angle	low angles				114	steep angles
							Fore udder length	short				112	long
							Rear udder length	short				103	long
							Fore udder att.	loose				103	tight
							Susp. ligament	weak				101	strong
							Udder depth	deep				98	high
							Teat length	short				104	long
							Teat thickness	thin				97	thick
							Teat placem. (front)	wide				98	close
							Teat placem. (rear)	wide				94	close
							Teat direction (rear)	outwards				110	inwards
							Udder cleanliness	add. teats				107	clean udder

Proof: ZAR / 08-2021

Hurly

177400 Pigm.: 45%

Born: 07.08.2012
DE 09 47424346
aAa 426531



♂ HULKOR (♂ HULOCK), (♀ KORALLE)

♀ AFRA (♂ SEGO)

7/6 9562 3.93 376 3.56 340

♀ AMANDA (♂ HIPPO)

8/8 8703 4.11 358 3.45 301



Hurly

gTMI
125
99%

Dual purpose

Udder

Calving ease

Milk			Beef Performance		Fitness		Type traits						
MI 112 99%			BI 113 99%		FIT 111 99%		1139 Daughters						
Milk +829 kg	Fat -0.26 %	Protein -0.08 %	Daily net gain 107	99%	Longevity 110	97%	Trait						
	+12 kg	+23 kg			Udder health 106	99%	76	88	100	112	124		
Daughters 4839			Carcass percentage 117	99%	Calving ease pat. 113	99%	Frame					103	
Herds 3022			Carcass grade 103	99%	Calving ease mat. 102	99%	Muscling					102	
Cappa-Casein AA					Prod. increase 85	99%	Feet & Legs					108	
Beta-Casein A2A2					Persistency 100	99%	Udder					114	
					Som. cell count 103	99%	Height at cross	small				104	large
					Fertility mat. 107	98%	Body length	short				104	long
					Milking speed 82	99%	Rump width	narrow				103	wide
					Vitality 113	99%	Body depth	shallow				102	deep
					Ecol. TMI 118	99%	Rump angle	ascending				82	sloped
							Hock angularity	straight				95	sickled
							Hock develop.	swollen				100	dry
							Pasterns	weak				101	strong
							Foot angle	low angles				109	steep angles
							Fore udder length	short				113	long
							Rear udder length	short				97	long
							Fore udder att.	loose				110	tight
							Susp. ligament	weak				95	strong
							Udder depth	deep				109	high
							Teat length	short				111	long
							Teat thickness	thin				102	thick
							Teat placem. (front)	wide				109	close
							Teat placem. (rear)	wide				99	close
							Teat direction (rear)	outwards				97	inwards
							Udder cleanliness	add. teats				102	clean udder



Mia, daughter of Hurly, 2nd lac.

Proof: ZAR / 08-2021

Mirolo

427007 Pigm.: 59%

Born: 15.05.2015
DE 08 15987833
aAa 342156



♂ MINT (♂ MANIGO), (♀ INKA)
♀ IDA (♂ RENWART)
4/4 8757 4.12 361 3.45 302
♀ IMELDA (♂ HUPSOL)
6/6 10902 3.86 421 3.29 359



progeny tested

FLECKVIEH – SIMMENTAL

gTMI
122
94%

Feet & legs

Udder health

Fertility

Milk			MI 116 99%		Beef Performance		BI 96 95%		Fitness		FIT 112 94%		Type traits		238 Daughters																																																																																																																																																																											
Milk	Fat	Protein			Daily net gain	103	99%			Longevity	111	85%	<table border="1" style="font-size: 0.8em;"> <thead> <tr> <th>Trait</th><th>76</th><th>88</th><th>100</th><th>112</th><th>124</th></tr> </thead> <tbody> <tr><td>Frame</td><td></td><td></td><td></td><td></td><td>111</td></tr> <tr><td>Muscling</td><td></td><td></td><td></td><td></td><td>101</td></tr> <tr><td>Feet & Legs</td><td></td><td></td><td></td><td></td><td>108</td></tr> <tr><td>Udder</td><td></td><td></td><td></td><td></td><td>111</td></tr> <tr><td>Height at cross</td><td>small</td><td></td><td></td><td></td><td>114</td><td>large</td></tr> <tr><td>Body length</td><td>short</td><td></td><td></td><td></td><td>106</td><td>long</td></tr> <tr><td>Rump width</td><td>narrow</td><td></td><td></td><td></td><td>102</td><td>wide</td></tr> <tr><td>Body depth</td><td>shallow</td><td></td><td></td><td></td><td>107</td><td>deep</td></tr> <tr><td>Rump angle</td><td>ascending</td><td></td><td></td><td></td><td>96</td><td>sloped</td></tr> <tr><td>Hock angularity</td><td>straight</td><td></td><td></td><td></td><td>108</td><td>sickled</td></tr> <tr><td>Hock develop.</td><td>swollen</td><td></td><td></td><td></td><td>114</td><td>dry</td></tr> <tr><td>Pasterns</td><td>weak</td><td></td><td></td><td></td><td>97</td><td>strong</td></tr> <tr><td>Foot angle</td><td>low angles</td><td></td><td></td><td></td><td>90</td><td>steep angles</td></tr> <tr><td>Fore udder length</td><td>short</td><td></td><td></td><td></td><td>110</td><td>long</td></tr> <tr><td>Rear udder length</td><td>short</td><td></td><td></td><td></td><td>109</td><td>long</td></tr> <tr><td>Fore udder att.</td><td>loose</td><td></td><td></td><td></td><td>98</td><td>tight</td></tr> <tr><td>Susp. ligament</td><td>weak</td><td></td><td></td><td></td><td>108</td><td>strong</td></tr> <tr><td>Udder depth</td><td>deep</td><td></td><td></td><td></td><td>107</td><td>high</td></tr> <tr><td>Teat length</td><td>short</td><td></td><td></td><td></td><td>93</td><td>long</td></tr> <tr><td>Teat thickness</td><td>thin</td><td></td><td></td><td></td><td>86</td><td>thick</td></tr> <tr><td>Teat placem. (front)</td><td>wide</td><td></td><td></td><td></td><td>110</td><td>close</td></tr> <tr><td>Teat placem. (rear)</td><td>wide</td><td></td><td></td><td></td><td>119</td><td>close</td></tr> <tr><td>Teat direction (rear)</td><td>outwards</td><td></td><td></td><td></td><td>106</td><td>inwards</td></tr> <tr><td>Udder cleanliness</td><td>add. teats</td><td></td><td></td><td></td><td>104</td><td>clean udder</td></tr> </tbody> </table>				Trait	76	88	100	112	124	Frame					111	Muscling					101	Feet & Legs					108	Udder					111	Height at cross	small				114	large	Body length	short				106	long	Rump width	narrow				102	wide	Body depth	shallow				107	deep	Rump angle	ascending				96	sloped	Hock angularity	straight				108	sickled	Hock develop.	swollen				114	dry	Pasterns	weak				97	strong	Foot angle	low angles				90	steep angles	Fore udder length	short				110	long	Rear udder length	short				109	long	Fore udder att.	loose				98	tight	Susp. ligament	weak				108	strong	Udder depth	deep				107	high	Teat length	short				93	long	Teat thickness	thin				86	thick	Teat placem. (front)	wide				110	close	Teat placem. (rear)	wide				119	close	Teat direction (rear)	outwards				106	inwards	Udder cleanliness	add. teats				104	clean udder
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+796 kg	-0.15 %	-0.05 %			Carcass percentage	100	84%			Prod. increase	94	99%																																																																																																																																																																														
	+21 kg	+24 kg			Carcass grade	91	97%			Persistence	86	98%																																																																																																																																																																														
Daughters	544									Som. cell count	110	97%																																																																																																																																																																														
Herds	271									Fertility mat.	115	89%																																																																																																																																																																														
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Galilei, daughter of Mirolo

Proof: ZAR / 08-2021

Monumental

171790

Born: 29.10.2014
DE 09 49729097
aAa 456321



♂ MANIGO (♂ MANDELA), (♀ NITTI)
♀ LENTA (♂ HULKOR)
4/3 8714 3.81 332 3.62 316
♀ LENI (♂ VANSTEIN)
5/5 9700 4.18 405 3.89 378



progeny tested

FLECKVIEH – SIMMENTAL

gTMI
115
99%

Fitness

Udder

Feet & Legs

Milk			MI 108 99%		Beef Performance		BI 95 99%		Fitness		FIT 111 99%		Type traits		1535 Daughters																																																																																																																																																																											
Milk	Fat	Protein			Daily net gain	100	99%			Longevity	118	97%	<table border="1" style="font-size: 0.8em;"> <thead> <tr> <th>Trait</th><th>76</th><th>88</th><th>100</th><th>112</th><th>124</th></tr> </thead> <tbody> <tr><td>Frame</td><td></td><td></td><td></td><td></td><td>91</td></tr> <tr><td>Muscling</td><td></td><td></td><td></td><td></td><td>94</td></tr> <tr><td>Feet & Legs</td><td></td><td></td><td></td><td></td><td>122</td></tr> <tr><td>Udder</td><td></td><td></td><td></td><td></td><td>114</td></tr> <tr><td>Height at cross</td><td>small</td><td></td><td></td><td></td><td>92</td><td>large</td></tr> <tr><td>Body length</td><td>short</td><td></td><td></td><td></td><td>94</td><td>long</td></tr> <tr><td>Rump width</td><td>narrow</td><td></td><td></td><td></td><td>90</td><td>wide</td></tr> <tr><td>Body depth</td><td>shallow</td><td></td><td></td><td></td><td>92</td><td>deep</td></tr> <tr><td>Rump angle</td><td>ascending</td><td></td><td></td><td></td><td>90</td><td>sloped</td></tr> <tr><td>Hock angularity</td><td>straight</td><td></td><td></td><td></td><td>97</td><td>sickled</td></tr> <tr><td>Hock develop.</td><td>swollen</td><td></td><td></td><td></td><td>115</td><td>dry</td></tr> <tr><td>Pasterns</td><td>weak</td><td></td><td></td><td></td><td>108</td><td>strong</td></tr> <tr><td>Foot angle</td><td>low angles</td><td></td><td></td><td></td><td>112</td><td>steep angles</td></tr> <tr><td>Fore udder length</td><td>short</td><td></td><td></td><td></td><td>111</td><td>long</td></tr> <tr><td>Rear udder length</td><td>short</td><td></td><td></td><td></td><td>109</td><td>long</td></tr> <tr><td>Fore udder att.</td><td>loose</td><td></td><td></td><td></td><td>102</td><td>tight</td></tr> <tr><td>Susp. ligament</td><td>weak</td><td></td><td></td><td></td><td>115</td><td>strong</td></tr> <tr><td>Udder depth</td><td>deep</td><td></td><td></td><td></td><td>106</td><td>high</td></tr> <tr><td>Teat length</td><td>short</td><td></td><td></td><td></td><td>103</td><td>long</td></tr> <tr><td>Teat thickness</td><td>thin</td><td></td><td></td><td></td><td>103</td><td>thick</td></tr> <tr><td>Teat placem. (front)</td><td>wide</td><td></td><td></td><td></td><td>105</td><td>close</td></tr> <tr><td>Teat placem. (rear)</td><td>wide</td><td></td><td></td><td></td><td>118</td><td>close</td></tr> <tr><td>Teat direction (rear)</td><td>outwards</td><td></td><td></td><td></td><td>119</td><td>inwards</td></tr> <tr><td>Udder cleanliness</td><td>add. teats</td><td></td><td></td><td></td><td>104</td><td>clean udder</td></tr> </tbody> </table>				Trait	76	88	100	112	124	Frame					91	Muscling					94	Feet & Legs					122	Udder					114	Height at cross	small				92	large	Body length	short				94	long	Rump width	narrow				90	wide	Body depth	shallow				92	deep	Rump angle	ascending				90	sloped	Hock angularity	straight				97	sickled	Hock develop.	swollen				115	dry	Pasterns	weak				108	strong	Foot angle	low angles				112	steep angles	Fore udder length	short				111	long	Rear udder length	short				109	long	Fore udder att.	loose				102	tight	Susp. ligament	weak				115	strong	Udder depth	deep				106	high	Teat length	short				103	long	Teat thickness	thin				103	thick	Teat placem. (front)	wide				105	close	Teat placem. (rear)	wide				118	close	Teat direction (rear)	outwards				119	inwards	Udder cleanliness	add. teats				104	clean udder
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+799 kg	-0.52 %	+0.01 %			Carcass percentage	93	99%			Prod. increase	111	99%																																																																																																																																																																														
	-12 kg	+29 kg			Carcass grade	97	99%			Persistence	114	99%																																																																																																																																																																														
Daughters	6489									Som. cell count	113	99%																																																																																																																																																																														
Herds	3289									Fertility mat.	97	99%																																																																																																																																																																														
Cappa-Casein	AA									Milking speed	105	99%																																																																																																																																																																														
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Proof: ZAR / 08-2021

Zoom

193510 Pigm.: 65%

Born: 30.09.2013
DE 09 49233861
aAa 423651



♂ **GS ZOCKER** (♂ ZAHNER), (♀ REBE)

♀ **ATHEN** (♂ **GS RAU**)

3/2 9067 3.69 335 3.62 329

♀ **ATHEN** (♂ **GS DIONIS**)

4/4 7472 4.04 302 3.58 268



Zoom

gTMI
121

91%

Milk

Udder

Udder health

Milk MI **116** 97%

Milk	Fat	Protein
+788 kg	-0.15 %	-0.02 %
	+20 kg	+27 kg

Daughters	123
Herds	107

Cappa-Casein	BB
Beta-Casein	A2A2



Rubine, daughter of Zoom

Beef Performance BI **103** 92%

Daily net gain	110	93%
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Carcass percentage	102	89%
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Carcass grade	99	91%
---------------	----	-----

Fitness FIT **106** 91%

Longevity	109	82%
Udder health	113	93%
Calving ease pat.	103	99%
Calving ease mat.	102	91%
Prod. increase	99	95%
Persistence	85	95%
Som. cell count	111	93%
Fertility mat.	99	84%
Milking speed	104	94%
Vitality	105	93%
Ecol. TMI	113	94%

Type traits 68 Daughters

Trait	76	88	100	112	124
Frame					114
Muscling					98
Feet & Legs					99
Udder					110
Height at cross	small				114 large
Body length	short				115 long
Rump width	narrow				113 wide
Body depth	shallow				103 deep
Rump angle	ascending				115 sloped
Hock angularity	straight				93 sickled
Hock develop.	swollen				104 dry
Pasterns	weak				94 strong
Foot angle	low angles				97 steep angles
Fore udder length	short				93 long
Rear udder length	short				104 long
Fore udder att.	loose				92 tight
Susp. ligament	weak				107 strong
Udder depth	deep				111 high
Teat length	short				98 long
Teat thickness	thin				110 thick
Teat placem. (front)	wide				107 close
Teat placem. (rear)	wide				105 close
Teat direction (rear)	outwards				110 inwards
Udder cleanliness	add. teats				103 clean udder

Proof: ZAR / 08-2021

Edelstein

858110

Born: 04.10.2017
DE 09 53147492
aAa 654123



♂ **ETOSCHA** (♂ EVEREST), (♀ MINA)

♀ **646** (♂ **IMPRESSION**)

4/3 11217 4.12 462 3.80 426

♀ **534** (♂ **WIPEG**)

5/5 12204 4.06 495 3.60 439



Edelstein

gTMI
126

81%

Udder

Protein %

Fitness

Milk MI **113** 86%

Milk	Fat	Protein
+487 kg	-0.08 %	+0.07 %
	+14 kg	+23 kg

Daughters	
Herds	

Cappa-Casein	AA
Beta-Casein	A1A2

Beef Performance BI **102** 93%

Daily net gain	103	94%
----------------	-----	-----

Carcass percentage	104	93%
--------------------	-----	-----

Carcass grade	97	91%
---------------	----	-----

Fitness FIT **122** 85%

Longevity	121	75%
Udder health	116	84%
Calving ease pat.	108	99%
Calving ease mat.	105	90%
Prod. increase	107	77%
Persistence	106	79%
Som. cell count	109	79%
Fertility mat.	115	76%
Milking speed	102	84%
Vitality	99	97%
Ecol. TMI	129	87%

Type traits - Daughters

Trait	76	88	100	112	124
Frame					110
Muscling					102
Feet & Legs					111
Udder					133
Height at cross	small				113 large
Body length	short				114 long
Rump width	narrow				102 wide
Body depth	shallow				99 deep
Rump angle	ascending				98 sloped
Hock angularity	straight				98 sickled
Hock develop.	swollen				105 dry
Pasterns	weak				109 strong
Foot angle	low angles				109 steep angles
Fore udder length	short				92 long
Rear udder length	short				86 long
Fore udder att.	loose				116 tight
Susp. ligament	weak				112 strong
Udder depth	deep				138 high
Teat length	short				80 long
Teat thickness	thin				87 thick
Teat placem. (front)	wide				111 close
Teat placem. (rear)	wide				100 close
Teat direction (rear)	outwards				111 inwards
Udder cleanliness	add. teats				102 clean udder

Proof: ZAR / 08-2021

Hegel

866073

Born: 28.12.2019
DE 09 55445139
aAa 564132



♂ **HERKULES** (♂ HERZSCHLAG), (♀ AMELIE)
♀ **FRISKA 01/83-82-87-87** (♂ SISYPHUS)
1/1 7115 5.27 375 3.64 259
♀ **FANILLE 1. 89-88-84-84** (♂ HUTERA)
4/4 8858 4.89 433 3.53 313



Hegel

genomic

FLECKVIEH - SIMMENTAL

gTMI 134 73%

Components **Milking speed** **Udder**

Milk			Beef Performance		Fitness		Type traits - Daughters							
MI 126 82%			BI 113 72%		FIT 111 78%		- Daughters							
Milk +881 kg	Fat +0.07 %	Protein +0.02 %	Daily net gain 119	74%	Longevity 101	66%	Frame	76	88	100	112	124	105	
	+42 kg	+33 kg			Udder health 104	79%	Muscling						100	
Daughters Herds			Carcass percentage 105	70%	Calving ease pat. 102	80%	Feet & Legs						102	
Cappa-Casein AB	Beta-Casein A2A2		Carcass grade 110	69%	Calving ease mat. 105	71%	Udder						120	
					Prod. increase 95	70%	Height at cross	small					106	large
					Persistence 95	74%	Body length	short					106	long
					Som. cell count 103	74%	Rump width	narrow					104	wide
					Fertility mat. 118	66%	Body depth	shallow					101	deep
					Milking speed 123	81%	Rump angle	ascending					108	sloped
					Vitality 103	70%	Hock angularity	straight					102	sickled
					Ecol. TMI 125	80%	Hock develop.	swollen					98	dry
							Pasterns	weak					99	strong
							Foot angle	low angles					108	steep angles
							Fore udder length	short					115	long
							Rear udder length	short					106	long
							Fore udder att.	loose					110	tight
							Susp. ligament	weak					109	strong
							Udder depth	deep					108	high
							Teat length	short					88	long
							Teat thickness	thin					93	thick
							Teat placem. (front)	wide					110	close
							Teat placem. (rear)	wide					113	close
							Teat direction (rear)	outwards					118	inwards
							Udder cleanness	add. teats					99	clean udder

Proof: ZAR / 08-2021

Weitblick

860110

Born: 05.07.2017
DE 09 45642290
aAa 423561



♂ **WOBBLER** (♂ WATNOX), (♀ SINDI)
♀ **LANESSA** (♂ REUMUT)
4/3 11890 3.41 406 3.60 428
♀ **LARISA** (♂ ROUND UP)
4/4 10056 3.99 402 3.53 355



Weitblick

genomic

FLECKVIEH - SIMMENTAL

gTMI 136 81%

Milk **Beef** **Fitness**

Milk			Beef Performance		Fitness		Type traits - Daughters							
MI 122 86%			BI 112 95%		FIT 120 85%		- Daughters							
Milk +1072 kg	Fat -0.24 %	Protein -0.03 %	Daily net gain 101	95%	Longevity 124	75%	Frame	76	88	100	112	124	95	
	+23 kg	+36 kg			Udder health 117	83%	Muscling						105	
Daughters Herds			Carcass percentage 113	93%	Calving ease pat. 104	99%	Feet & Legs						104	
Cappa-Casein AA	Beta-Casein A1A2		Carcass grade 110	93%	Calving ease mat. 112	90%	Udder						106	
					Prod. increase 100	75%	Height at cross	small					94	large
					Persistence 110	79%	Body length	short					98	long
					Som. cell count 118	78%	Rump width	narrow					100	wide
					Fertility mat. 107	76%	Body depth	shallow					94	deep
					Milking speed 104	83%	Rump angle	ascending					107	sloped
					Vitality 98	97%	Hock angularity	straight					99	sickled
					Ecol. TMI 130	87%	Hock develop.	swollen					94	dry
							Pasterns	weak					106	strong
							Foot angle	low angles					108	steep angles
							Fore udder length	short					107	long
							Rear udder length	short					108	long
							Fore udder att.	loose					101	tight
							Susp. ligament	weak					99	strong
							Udder depth	deep					96	high
							Teat length	short					93	long
							Teat thickness	thin					99	thick
							Teat placem. (front)	wide					110	close
							Teat placem. (rear)	wide					101	close
							Teat direction (rear)	outwards					99	inwards
							Udder cleanness	add. teats					103	clean udder

Lanessa, dam of Weitblick

Proof: ZAR / 08-2021

Himex

435240

Born: 22.05.2014
DE 08 15678655



♂ **GS HIMALAYA** (♂ GS HUXOY), (♀ ALORE)

♀ **HEXE** (♂ HURAY)

7/7 10656 4.02 429 3.30 352

♀ (♂ **JUMBO**)

2/2 8488 4.59 390 3.44 292



Himex

Wolfgang Schütz

gTMI
111

88%

Type

Milk

Milking speed

Milk			Beef Performance		Fitness		Type traits														
MI 109 95%			BI 93 82%		FIT 101 84%		45 Daughters														
Milk +976 kg	Fat -0.44 %	Protein -0.16 %	Daily net gain	91 88%	Longevity	97 74%	Trait														
	+3 kg	+21 kg	Carcass percentage	94 67%	Udder health	96 88%	76	88	100	112	124										
Daughters 55	Herds 35	Carcass grade	88 74%	Calving ease pat.	99 92%	Calving ease mat.	105 80%	Prod. increase	101 88%	Persistency	106 91%	Som. cell count	99 87%	Fertility mat.	105 74%	Milking speed	111 87%	Vitality	95 81%	Ecol. TMI	107 89%
Cappa-Casein BB	Beta-Casein -																				



Carmen, daughter of Himex

Proof: ZAR / 08-2021

Trait	76	88	100	112	124
Frame					106
Rump					97
Feet & Legs					108
Udder					105
Final Score					108
Muscling	light				85 heavy
Height at cross	small				107 large
Chest width	shallow				103 deep
Body depth	shallow				102 deep
Backline	weak				106 strong
Rump length	short				99 long
Rump width	narrow				114 wide
Rump angle	ascending				102 sloped
Thurl position	in the back				95 in the centre
Hock angularity	straight				95 sickled
Hock develop.	swollen				101 dry
Pasterns	weak				107 strong
Foot angle	low angles				110 steep angles
Fore udder length	short				109 long
Rear udder width	narrow				104 wide
Rear udder height	low				116 high
Susp. ligament	weak				101 strong
Udder depth	deep				102 shallow
Fore udder att.	loose				101 tight
Udder balance	staged				109 inclined
Teat length	short				104 long
Teat thickness	thin				97 thick
Teat placem. (front)	wide				101 close
Teat placem. (rear)	wide				104 close
Teat direction (rear)	outwards				105 inwards
Udder cleanness	add. teats				99 clean udder

Hupays

435211

Born: 20.08.2012
DE 08 15391210



♂ **GS HUXOY** (♂ HUCOS), (♀ TRIXI)

♀ **ELFI** (♂ PAYSSLI)

3/3 10117 4.25 430 3.36 340

♀ **ELFI** (♂ SPIRIT)

3/3 8201 4.06 333 3.34 274



Hupays

gTMI
109

97%

Milking speed

Persistency

Fertility

Milk			Beef Performance		Fitness		Type traits														
MI 106 99%			BI 105 97%		FIT 101 96%		280 Daughters														
Milk +415 kg	Fat -0.09 %	Protein -0.09 %	Daily net gain	109 99%	Longevity	94 91%	Trait														
	+10 kg	+8 kg	Carcass percentage	106 87%	Udder health	95 97%	76	88	100	112	124										
Daughters 584	Herds 302	Carcass grade	98 97%	Calving ease pat.	99 98%	Calving ease mat.	104 95%	Prod. increase	102 99%	Persistency	111 99%	Som. cell count	97 98%	Fertility mat.	109 93%	Milking speed	121 97%	Vitality	93 95%	Ecol. TMI	109 97%
Cappa-Casein BB	Beta-Casein -																				



Gorilla, daughter of Hupays

Proof: ZAR / 08-2021

Trait	76	88	100	112	124
Frame					101
Rump					93
Feet & Legs					103
Udder					105
Final Score					103
Muscling	light				88 heavy
Height at cross	small				104 large
Chest width	shallow				100 deep
Body depth	shallow				100 deep
Backline	weak				104 strong
Rump length	short				96 long
Rump width	narrow				104 wide
Rump angle	ascending				101 sloped
Thurl position	in the back				100 in the centre
Hock angularity	straight				106 sickled
Hock develop.	swollen				105 dry
Pasterns	weak				95 strong
Foot angle	low angles				99 steep angles
Fore udder length	short				105 long
Rear udder width	narrow				104 wide
Rear udder height	low				109 high
Susp. ligament	weak				103 strong
Udder depth	deep				97 shallow
Fore udder att.	loose				99 tight
Udder balance	staged				105 inclined
Teat length	short				103 long
Teat thickness	thin				67 thick
Teat placem. (front)	wide				101 close
Teat placem. (rear)	wide				99 close
Teat direction (rear)	outwards				105 inwards
Udder cleanness	add. teats				102 clean udder

Jakarta

345840

Born: 10.10.2015
DE 09 50954498
aAa 561423



♂ **AG James** (♂ Jaguar), (♀ Selina)

♀ **Susi EX 148** (♂ Huray)

6/5 8243 4.45 367 3.91 322

♀ **Sybille** (♂ Vasir)

5/5 11912 3.95 470 3.39 404



Jakarta

progeny tested

BROWN SWISS

gTMI 127 88%

Milk **Fitness** **Type**

Milk	MI 114 95%	Beef Performance	BI 98 77%	Fitness	FIT 111 83%	Type traits	54 Daughters																																																																																																																																																																																																																				
Milk +633 kg	Fat -0.01 % Protein -0.06 % +26 kg +18 kg	Daily net gain 97 82%	Carcass percentage 100 60%	Longevity 120 70%	Udder health 103 88%	Trait 76 88 100 112 124																																																																																																																																																																																																																					
Daughters 93	Herds 85	Carcass grade 96 76%	Prod. increase 113 89%	Calving ease pat. 107 93%	Calving ease mat. 109 82%	<table border="1"> <tr><td>Frame</td><td></td><td></td><td></td><td></td><td>107</td></tr> <tr><td>Rump</td><td></td><td></td><td></td><td></td><td>110</td></tr> <tr><td>Feet & Legs</td><td></td><td></td><td></td><td></td><td>107</td></tr> <tr><td>Udder</td><td></td><td></td><td></td><td></td><td>117</td></tr> <tr><td>Final Score</td><td></td><td></td><td></td><td></td><td>116</td></tr> <tr><td>Muscling</td><td>light</td><td></td><td></td><td></td><td>119</td><td>heavy</td></tr> <tr><td>Height at cross</td><td>small</td><td></td><td></td><td></td><td>97</td><td>large</td></tr> <tr><td>Chest width</td><td>shallow</td><td></td><td></td><td></td><td>112</td><td>deep</td></tr> <tr><td>Body depth</td><td>shallow</td><td></td><td></td><td></td><td>110</td><td>deep</td></tr> <tr><td>Backline</td><td>weak</td><td></td><td></td><td></td><td>98</td><td>strong</td></tr> <tr><td>Rump length</td><td>short</td><td></td><td></td><td></td><td>105</td><td>long</td></tr> <tr><td>Rump width</td><td>narrow</td><td></td><td></td><td></td><td>103</td><td>wide</td></tr> <tr><td>Rump angle</td><td>ascending</td><td></td><td></td><td></td><td>94</td><td>sloped</td></tr> <tr><td>Thurl position</td><td>in the back</td><td></td><td></td><td></td><td>108</td><td>in the centre</td></tr> <tr><td>Hock angularity</td><td>straight</td><td></td><td></td><td></td><td>96</td><td>sickled</td></tr> <tr><td>Hock develop.</td><td>swollen</td><td></td><td></td><td></td><td>86</td><td>dry</td></tr> <tr><td>Pasterns</td><td>weak</td><td></td><td></td><td></td><td>113</td><td>strong</td></tr> <tr><td>Foot angle</td><td>low angles</td><td></td><td></td><td></td><td>99</td><td>steep angles</td></tr> <tr><td>Fore udder length</td><td>short</td><td></td><td></td><td></td><td>114</td><td>long</td></tr> <tr><td>Rear udder width</td><td>narrow</td><td></td><td></td><td></td><td>101</td><td>wide</td></tr> <tr><td>Rear udder height</td><td>low</td><td></td><td></td><td></td><td>103</td><td>high</td></tr> <tr><td>Susp. ligament</td><td>weak</td><td></td><td></td><td></td><td>107</td><td>strong</td></tr> <tr><td>Udder depth</td><td>deep</td><td></td><td></td><td></td><td>106</td><td>shallow</td></tr> <tr><td>Fore udder att.</td><td>loose</td><td></td><td></td><td></td><td>109</td><td>tight</td></tr> <tr><td>Udder balance</td><td>staged</td><td></td><td></td><td></td><td>113</td><td>inclined</td></tr> <tr><td>Teat length</td><td>short</td><td></td><td></td><td></td><td>95</td><td>long</td></tr> <tr><td>Teat thickness</td><td>thin</td><td></td><td></td><td></td><td>100</td><td>thick</td></tr> <tr><td>Teat placem. (front)</td><td>wide</td><td></td><td></td><td></td><td>108</td><td>close</td></tr> <tr><td>Teat placem. (rear)</td><td>wide</td><td></td><td></td><td></td><td>120</td><td>close</td></tr> <tr><td>Teat direction (rear)</td><td>outwards</td><td></td><td></td><td></td><td>117</td><td>inwards</td></tr> <tr><td>Udder cleanness</td><td>add. teats</td><td></td><td></td><td></td><td>101</td><td>clean udder</td></tr> </table>		Frame					107	Rump					110	Feet & Legs					107	Udder					117	Final Score					116	Muscling	light				119	heavy	Height at cross	small				97	large	Chest width	shallow				112	deep	Body depth	shallow				110	deep	Backline	weak				98	strong	Rump length	short				105	long	Rump width	narrow				103	wide	Rump angle	ascending				94	sloped	Thurl position	in the back				108	in the centre	Hock angularity	straight				96	sickled	Hock develop.	swollen				86	dry	Pasterns	weak				113	strong	Foot angle	low angles				99	steep angles	Fore udder length	short				114	long	Rear udder width	narrow				101	wide	Rear udder height	low				103	high	Susp. ligament	weak				107	strong	Udder depth	deep				106	shallow	Fore udder att.	loose				109	tight	Udder balance	staged				113	inclined	Teat length	short				95	long	Teat thickness	thin				100	thick	Teat placem. (front)	wide				108	close	Teat placem. (rear)	wide				120	close	Teat direction (rear)	outwards				117	inwards	Udder cleanness	add. teats				101	clean udder
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Natalie, daughter of Jakarta

Proof: ZAR / 08-2021

Vavio

435266

Born: 20.05.2015
DE 08 16006421



♂ **VAVIGO** (♂ VASSLI), (♀ NORIS)

♀ (♂ **GS HUXOY**)

6/6 9809 3.80 373 3.53 346

♀ **BABETTE** (♂ PRONTO)

4/4 7424 4.28 318 3.74 277



Vavio

progeny tested

BROWN SWISS

gTMI 130 90%

Udder **Milk** **Fitness**

Milk	MI 114 97%	Beef Performance	BI 104 87%	Fitness	FIT 116 85%	Type traits	114 Daughters																																																																																																																																																																																																																				
Milk +827 kg	Fat -0.23 % Protein -0.08 % +15 kg +23 kg	Daily net gain 105 93%	Carcass percentage 102 67%	Longevity 106 72%	Udder health 111 91%	Trait 76 88 100 112 124																																																																																																																																																																																																																					
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Hock angularity	straight				93	sickled																																																																																																																																																																																																																					
Hock develop.	swollen				102	dry																																																																																																																																																																																																																					
Pasterns	weak				108	strong																																																																																																																																																																																																																					
Foot angle	low angles				100	steep angles																																																																																																																																																																																																																					
Fore udder length	short				96	long																																																																																																																																																																																																																					
Rear udder width	narrow				104	wide																																																																																																																																																																																																																					
Rear udder height	low				120	high																																																																																																																																																																																																																					
Susp. ligament	weak				111	strong																																																																																																																																																																																																																					
Udder depth	deep				108	shallow																																																																																																																																																																																																																					
Fore udder att.	loose				99	tight																																																																																																																																																																																																																					
Udder balance	staged				94	inclined																																																																																																																																																																																																																					
Teat length	short				104	long																																																																																																																																																																																																																					
Teat thickness	thin				86	thick																																																																																																																																																																																																																					
Teat placem. (front)	wide				103	close																																																																																																																																																																																																																					
Teat placem. (rear)	wide				100	close																																																																																																																																																																																																																					
Teat direction (rear)	outwards				97	inwards																																																																																																																																																																																																																					
Udder cleanness	add. teats				100	clean udder																																																																																																																																																																																																																					
Cappa-Casein BB	Beta-Casein A2A2			Vitality 100 87%	Ecol. TMI 125 92%																																																																																																																																																																																																																						



Noris, granddam of Vavio (4th lac.)

Proof: ZAR / 08-2021

Piet

588881 born: 14.08.2012
RDCDEUM000120611166



♂ R David (♂ FYN Aks)
 ♀ Hanita 62 VG 86 (♂ Fenno)
 6/6 10927 5.31 580 3.40 372
 ♀ Fatima GP 82 (♂ Zober)
 5/5 9304 4.97 462 3.55 330
 ♀ Anita 86 VG 85 (♂ Tulip)



progeny tested

RED CATTLE - ANGLER

Piet

RZG
120

86 %

RZM
125

91 %

RZE
106

83 %

RZS
104

87 %

RZN
101

65 %

RZR
88

54 %

RZKd
93

78 %

RZKm
95

67 %

RZD
110

73 %

RZRobot --- -- %

Cappa-Casein --
Beta-Casein --/--

Milk Fat Protein
+1355 kg -0.20 % -0.28 %
+43 kg +23 kg

Reliability 91 %
Daughters 122
Herds 54

RZcalfhealth100 58 %

	76	88	100	112	124		
Dairy type						119	
Body						100	
Feet & Legs						110	
Udder						100	
Stature	small					101	tail
Dairy character	little					115	angular
Body depth	shallow					105	deep
Strength	narrow					89	wide
Rump angle	ascending					97	sloped
Rump width	narrow					99	wide
Rear leg angle	straight					96	sickled
Foot angle	low angle					104	steep angle
Hocks	swollen					108	clean
Rear leg set r.v.	toes out					105	parallel
Locomotion	bad					106	good
Rear udder h.	low					111	high
Suspens. lig.	weak					95	strong
Teat placem.f.	wide					103	close
Teat placem.r.	wide					111	close
Fore udder att.	loose					100	tight
Udder depth	deep					104	shallow
Teat length	short					72	long

Daughters/Herds: 109/44

Proof: VIT / 08-2021

Uran

587769 born: 08.09.2016
RDCDEUM000122561995



♂ VR Crone (♂ VR Cigar)
 ♀ Orina GP 84 (♂ R David)
 2/2 8153 5.21 425 3.63 296
 ♀ Katharina 3285 GP 82 (♂ R Ascona)
 3/3 8446 5.03 425 3.55 300
 ♀ Gracia 6174 GP 84 (♂ Didolum)



genomic

RED CATTLE - ANGLER

Uran

RZG
117

RZM
122

RZE
105

RZS
101

RZN
103

RZR
90

RZKd

RZKm

RZD

RZRobot --- -- %

Cappa-Casein --
Beta-Casein --/--

Milk Fat Protein
+774 kg -0.28 % -0.01 %
+13 kg +27 kg

Reliability -
Daughters -
Herds -

RZcalfhealth--- -- %

	76	88	100	112	124		
Dairy type						92	
Body						106	
Feet & Legs						96	
Udder						109	
Stature	small					105	tail
Dairy character	little					95	angular
Body depth	shallow					101	deep
Strength	narrow					105	wide
Rump angle	ascending					95	sloped
Rump width	narrow					108	wide
Rear leg angle	straight					103	sickled
Foot angle	low angle					105	steep angle
Hocks	swollen						clean
Rear leg set r.v.	toes out					97	parallel
Locomotion	bad						good
Rear udder h.	low					110	high
Suspens. lig.	weak					106	strong
Teat placem.f.	wide					97	close
Teat placem.r.	wide					110	close
Fore udder att.	loose					113	tight
Udder depth	deep					104	shallow
Teat length	short					108	long

Daughters/Herds: -/-

Holstein
Fleckvieh
Brown Swiss
Angler

Daughter Proven
Genomic



© Anne-Mette Evers



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