

2023

Proofs: August 2023



GGI-KENYA

Holstein Frisian
Red Holstein
Fleckvieh
Brown Swiss
Angler
Jersey

SIRE CATALOGUE

Daughter Proven
Genomic

Anna Jossee



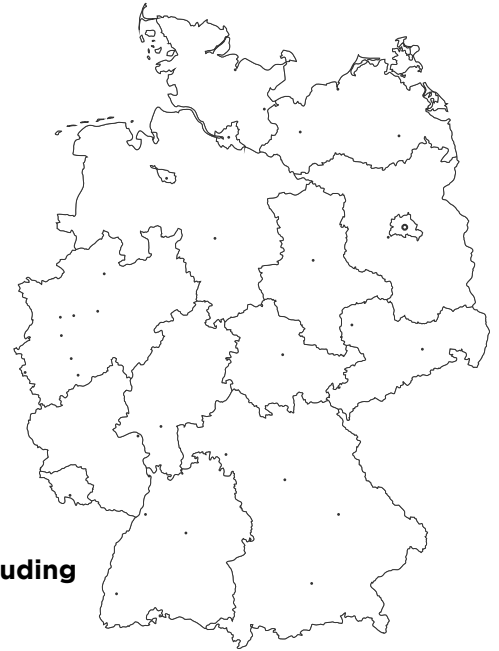
GGI-SPERMEX
Genetics made in Germany

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 48,000 sires and 456,000 cows
- ... more than 1,500,000 registered Holstein cows
- ... more than 144,000 registered Red Holstein cows
- ... more than 711,000 registered German Fleckvieh cows
- ... more than 113,000 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 100,000,000 cattle
- ... national and international breeding programs
- ... the largest and most versatile reference populations in the world
- ... balanced breeding goals



Source: BRS annual report 2023

Abbreviations USED IN THIS CATALOGUE

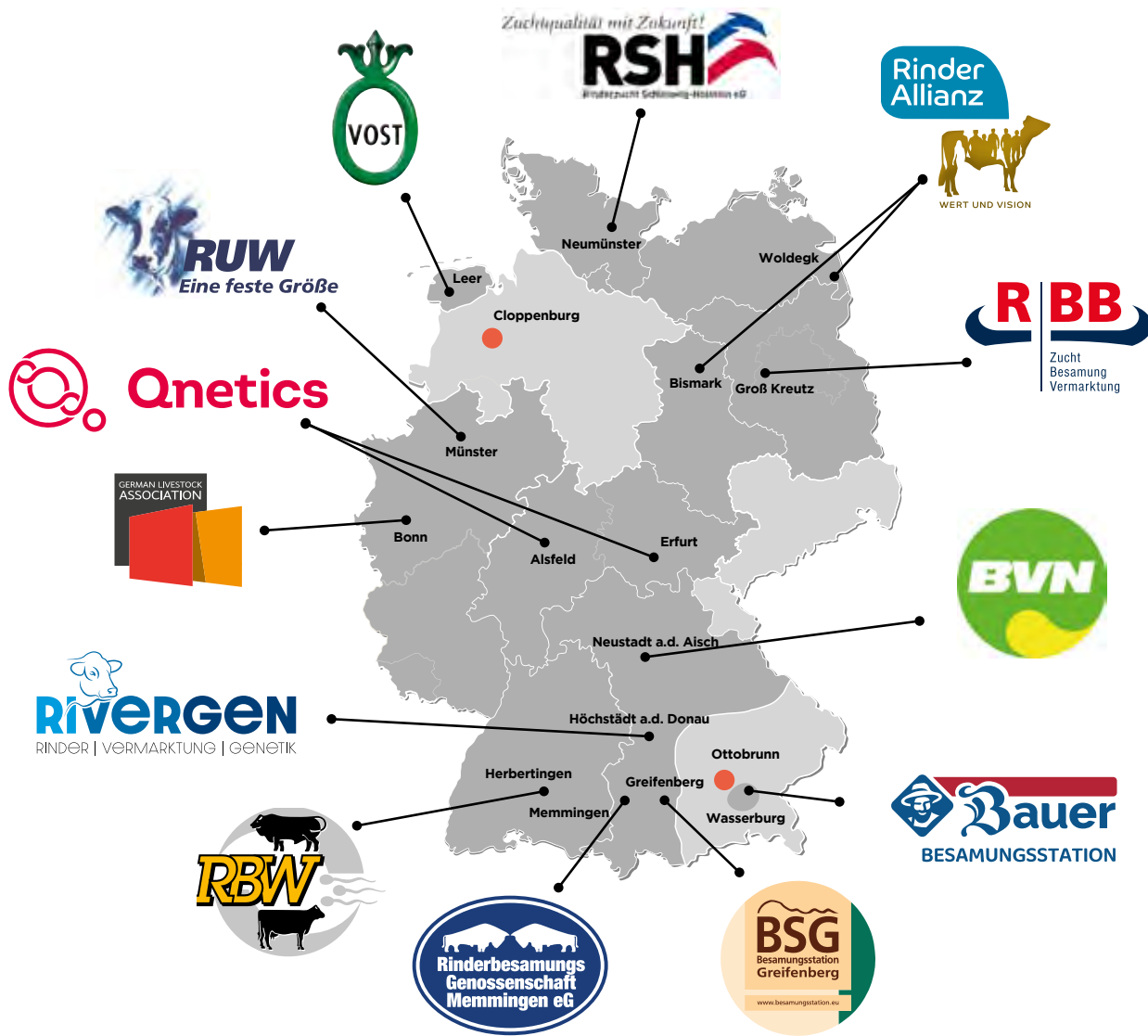
ALL HOLSTEIN BULLS IN THIS CATALOGUE ARE FREE OF BRACHYSPINA, BLAD, CVM AND CDH.

RZG	Total Merit Index	RZpersistence	Breeding value for the perseverance of milk production during the lactation
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
RZRobot	Breeding value Suitability for automatic milking systems (AMS)	vit	Data processing center
RZorganic	Total Merit Index for organic and extensively managed farms		

GGI-SPERMEX Members



GGI-SPERMEX
Genetics made in Germany



● GGI-SPERMEX offices

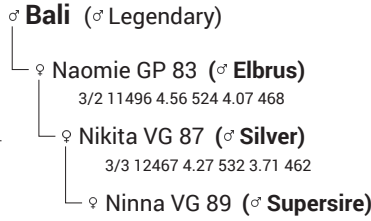
Having more than 1.2 million active dairy cows and nearly 35,000 active beef cows registered in their herdbooks, the GGI-SPERMEX members take care of almost 70% of the actual cattle breeding population in Germany.

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.

Baldus

KAX Baldus

574193 born: 22.08.2019
 HOLDEUM000123451750
aAa 243651



Baldus

RZG	RZ€	RZM	RZE	RZS	RZN	RZR	RZKd	RZKm	RZD
134	1399	133	116	109	106	114	102	104	92
82 %	84 %	76 %	73 %	78 %	68 %	56 %	75 %	65 %	77 %

RZhealth	108	73 %
RZudderfit	102	64 %
RZhoof	104	55 %
RZmetabol	103	58 %
RZrepro	108	55 %
RZcalfhealth	110	65 %
DDcontrol	105	55 %

RZRobot	---	-- %
RZorganic	118	82 %
RZpersistence	102	66 %
Kasein	AB / A2A2	
Milk	Fat	Protein
+830 kg	+0.15 %	+0.13 %
	+50 kg	+43 kg
Reliability	76 %	
Daug./ Herds	- / -	

	76	88	100	112	124	
Dairy type						106
Body						105
Feet & Legs						106
Udder						114
Stature	small					107 tall
Rib Structure	flat					103 arched
Body depth	shallow					99 deep
Strength	narrow					102 wide
Rump angle	ascending					103 sloped
Rump width	narrow					102 wide
Rear leg angle	straight					95 sickled
Foot angle	low angle					102 steep angle
Hocks	swollen					102 clean
Rear leg set r.v.	toes out					102 parallel
Front Feet Orientation	outward					107 straight
Locomotion	bad					104 good
Rear udder h.	low					114 high
Suspens. lig.	weak					112 strong
Teat placem.f.	wide					99 close
Teat placem.r.	wide					104 close
Fore udder att.	loose					112 tight
Udder Balance	rear deep					99 front deep
Udder depth	deep					107 shallow
Teat length	short					92 long

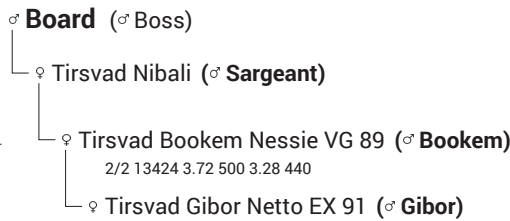
- Functionality
- Daughter fertility
- Udder

Proof: VIT / 08-2023

Daughters/Herds: -/-

Bonfire

156569 born: 09.09.2016
 HOLDNKM000000258887
aAa 324615



Emmi

RZG	RZ€	RZM	RZE	RZS	RZN	RZR	RZKd	RZKm	RZD
128	809	125	132	108	110	92	97	98	101
98 %	98 %	99 %	95 %	99 %	93 %	86 %	93 %	95 %	91 %

RZhealth	103	92 %
RZudderfit	101	89 %
RZhoof	110	86 %
RZmetabol	97	82 %
RZrepro	99	81 %
RZcalfhealth	93	90 %
DDcontrol	103	88 %

RZRobot	---	-- %
RZorganic	114	96 %
RZpersistence	100	97 %
Kasein	AE / A1A2	
Milk	Fat	Protein
+975 kg	-0.14 %	+0.06 %
	+23 kg	+41 kg
Reliability	99 %	
Daug./ Herds	1187/ 416	

	76	88	100	112	124	
Dairy type						121
Body						107
Feet & Legs						121
Udder						124
Stature	small					122 tall
Rib Structure	flat					107 arched
Body depth	shallow					101 deep
Strength	narrow					106 wide
Rump angle	ascending					108 sloped
Rump width	narrow					108 wide
Rear leg angle	straight					90 sickled
Foot angle	low angle					113 steep angle
Hocks	swollen					110 clean
Rear leg set r.v.	toes out					113 parallel
Front Feet Orientation	outward					109 straight
Locomotion	bad					114 good
Rear udder h.	low					129 high
Suspens. lig.	weak					117 strong
Teat placem.f.	wide					117 close
Teat placem.r.	wide					121 close
Fore udder att.	loose					115 tight
Udder Balance	rear deep					114 front deep
Udder depth	deep					117 shallow
Teat length	short					97 long

- Udder
- Feet & legs
- Milk production

Proof: VIT / 08-2023

Daughters/Herds: 349/100

Brilliance

Westcoast RUW Brilliance

681825 born: 19.08.2016
 HOLDEUM000539335800
 aAa 423165



progeny tested

HOLSTEIN

RZG 124 96 %	RZ€ 854 96 %	RZM 109 98 %	RZE 118 95 %	RZS 128 97 %	RZN 122 87 %	RZR 99 78 %	RZKd 99 88 %	RZKm 93 91 %	RZD 85 94 %
----------------------------------	----------------------------------	----------------------------------	----------------------------------	----------------------------------	----------------------------------	---------------------------------	----------------------------------	----------------------------------	---------------------------------

RZhealth	115	87 %
RZudderfit	110	82 %
RZhoof	108	78 %
RZmetabol	105	75 %
RZrepro	108	72 %
RZcalfhealth	105	83 %
DDcontrol	105	80 %

RZRobot	---	- %
RZorganic	119	93 %
RZpersistence	118	93 %
Kasein	AA / A1A2	
Milk	Fat	Protein
+832 kg	-0.09 %	-0.19 %
	+23 kg	+8 kg
Reliability	98 %	
Daug./ Herds	561/ 248	

	76	88	100	112	124		
Dairy type						117	
Body						89	
Feet & Legs						112	
Udder						119	
Stature	small					107	tall
Rib Structure	flat					106	arched
Body depth	shallow					94	deep
Strength	narrow					86	wide
Rump angle	ascending					91	sloped
Rump width	narrow					93	wide
Rear leg angle	straight					88	sickled
Foot angle	low angle					100	steep angle
Hocks	swollen					123	clean
Rear leg set r.v.	toes out					99	parallel
Front Feet Orientation	outward					79	straight
Locomotion	bad					103	good
Rear udder h.	low					108	high
Suspens. lig.	weak					117	strong
Teat placem.f.	wide					108	close
Teat placem.r.	wide					110	close
Fore udder att.	loose					114	tight
Udder Balance	rear deep					116	front deep
Udder depth	deep					120	shallow
Teat length	short					105	long

- Conformation
- Longevity
- Daughter fertility

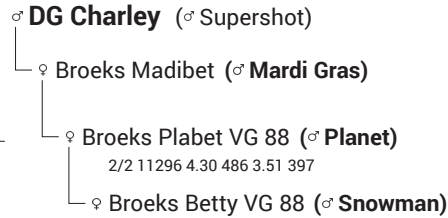
Proof: VIT / 08-2023

Daughters/Herds: 286/120

Casino

VEELHORST DG MADRID

156583 born: 11.02.2017
 HOLNLDM000865720444
 aAa 351426



progeny tested

HOLSTEIN

RZG 148 99 %	RZ€ 2146 98 %	RZM 154 99 %	RZE 113 99 %	RZS 118 99 %	RZN 125 95 %	RZR 98 94 %	RZKd 110 99 %	RZKm 112 98 %	RZD 100 99 %
----------------------------------	-----------------------------------	----------------------------------	----------------------------------	----------------------------------	----------------------------------	---------------------------------	-----------------------------------	-----------------------------------	----------------------------------

RZhealth	104	97 %
RZudderfit	100	96 %
RZhoof	106	94 %
RZmetabol	101	94 %
RZrepro	104	91 %
RZcalfhealth	108	97 %
DDcontrol	106	95 %

RZRobot	108	99 %
RZorganic	133	98 %
RZpersistence	99	96 %
Kasein	- / A2A2	
Milk	Fat	Protein
+1783 kg	+0.17 %	+0.05 %
	+92 kg	+67 kg
Reliability	99 %	
Daug./ Herds	5542/ 1273	

	76	88	100	112	124		
Dairy type						115	
Body						109	
Feet & Legs						113	
Udder						102	
Stature	small					106	tall
Rib Structure	flat					110	arched
Body depth	shallow					111	deep
Strength	narrow					105	wide
Rump angle	ascending					114	sloped
Rump width	narrow					101	wide
Rear leg angle	straight					98	sickled
Foot angle	low angle					117	steep angle
Hocks	swollen					99	clean
Rear leg set r.v.	toes out					101	parallel
Front Feet Orientation	outward					109	straight
Locomotion	bad					111	good
Rear udder h.	low					101	high
Suspens. lig.	weak					92	strong
Teat placem.f.	wide					111	close
Teat placem.r.	wide					106	close
Fore udder att.	loose					103	tight
Udder Balance	rear deep					99	front deep
Udder depth	deep					96	shallow
Teat length	short					97	long

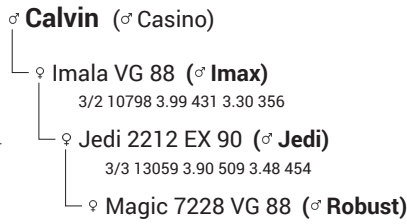
- Milk production
- Functionality
- Longevity

Proof: VIT / 08-2023

Daughters/Herds: 2821/557

Crunch

575320 born: 24.03.2021
 HOLDEUM001262529745
 aAa 234156



Crunch

RZG	RZ€	RZM	RZE	RZS	RZN	RZR	RZKd	RZKm	RZD
146	1920	145	123	104	112	94	104	111	101
82 %	84 %	75 %	73 %	77 %	67 %	55 %	73 %	65 %	77 %

RZhealth	113	72 %
RZudderfit	102	62 %
RZhoof	108	52 %
RZmetabol	110	57 %
RZrepro	107	53 %
RZcalfhealth	107	52 %
DDcontrol	121	51 %

RZRobot	---	-- %
RZorganic	128	81 %
RZpersistence	105	62 %
Kasein AB / A2A2		
Milk	Fat	Protein
+1874 kg	-0.02 %	-0.05 %
	+72 kg	+58 kg
Reliability	75 %	
Daug./ Herds	- / -	

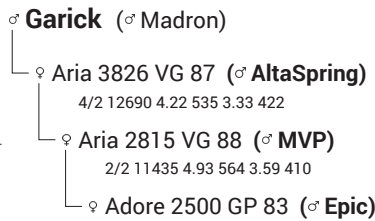
	76	88	100	112	124		
Dairy type						120	
Body						109	
Feet & Legs						109	
Udder						115	
Stature	small					104	tall
Rib Structure	flat					108	arched
Body depth	shallow					104	deep
Strength	narrow					97	wide
Rump angle	ascending					105	sloped
Rump width	narrow					111	wide
Rear leg angle	straight					102	sickled
Foot angle	low angle					96	steep angle
Hocks	swollen					107	clean
Rear leg set r.v.	toes out					106	parallel
Front Feet Orientation	outward					112	straight
Locomotion	bad					108	good
Rear udder h.	low					115	high
Suspens. lig.	weak					106	strong
Teat placem.f.	wide					105	close
Teat placem.r.	wide					107	close
Fore udder att.	loose					109	tight
Udder Balance	rear deep					102	front deep
Udder depth	deep					108	shallow
Teat length	short					113	long

Proof: VIT / 08-2023

Daughters/Herds: - / -

Garett

823221 born: 02.04.2018
 HOLDEUM001504336100
 aAa 342516



Gundula

RZG	RZ€	RZM	RZE	RZS	RZN	RZR	RZKd	RZKm	RZD
142	1592	138	118	123	116	114	105	78	103
91 %	91 %	93 %	85 %	94 %	73 %	64 %	81 %	83 %	78 %

RZhealth	114	78 %
RZudderfit	110	70 %
RZhoof	111	59 %
RZmetabol	103	65 %
RZrepro	102	59 %
RZcalfhealth	109	65 %
DDcontrol	111	59 %

RZRobot	---	-- %
RZorganic	126	87 %
RZpersistence	113	73 %
Kasein BB / A1A2		
Milk	Fat	Protein
+1786 kg	-0.25 %	-0.03 %
	+41 kg	+58 kg
Reliability	93 %	
Daug./ Herds	1421 / 415	

	76	88	100	112	124		
Dairy type						110	
Body						107	
Feet & Legs						109	
Udder						113	
Stature	small					99	tall
Rib Structure	flat					104	arched
Body depth	shallow					101	deep
Strength	narrow					103	wide
Rump angle	ascending					98	sloped
Rump width	narrow					104	wide
Rear leg angle	straight					90	sickled
Foot angle	low angle					104	steep angle
Hocks	swollen					94	clean
Rear leg set r.v.	toes out					110	parallel
Front Feet Orientation	outward					105	straight
Locomotion	bad					111	good
Rear udder h.	low					120	high
Suspens. lig.	weak					102	strong
Teat placem.f.	wide					115	close
Teat placem.r.	wide					116	close
Fore udder att.	loose					114	tight
Udder Balance	rear deep					115	front deep
Udder depth	deep					107	shallow
Teat length	short					87	long

Proof: VIT / 08-2023

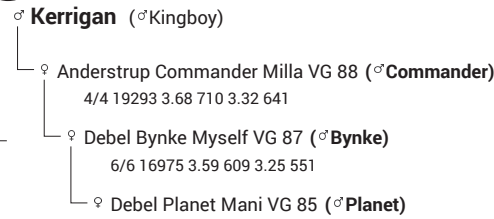
Daughters/Herds: 447/110

- Milk
- SSC
- Fertility

Kensington

Anderstrup Kensington

684688 born: 10.04.2017
 HOLDNKM000000259312
aAa 423156



progeny tested

HOLSTEIN

RZG	RZ€	RZM	RZE	RZS	RZN	RZR	RZKd	RZKm	RZD
139	1772	154	105	122	109	94	98	107	88
98 %	98 %	99 %	98 %	99 %	92 %	88 %	94 %	97 %	97 %

RZhealth	105	92 %
RZudderfit	102	89 %
RZhoof	100	86 %
RZmetabol	106	84 %
RZrepro	104	83 %
RZcalfhealth	103	93 %
DDcontrol	96	89 %

RZRobot	---	- %
RZorganic	122	96 %
RZpersistence	126	95 %
Kasein	AB / A2A2	
Milk	Fat	Protein
+1391 kg	+0.24 %	+0.20 %
	+83 kg	+71 kg
Reliability	99 %	
Daug./ Herds	2182/ 790	

	76	88	100	112	124		
Dairy type						115	
Body						109	
Feet & Legs						101	
Udder						98	
Stature	small					124	tall
Rib Structure	flat					91	arched
Body depth	shallow					110	deep
Strength	narrow					93	wide
Rump angle	ascending					94	sloped
Rump width	narrow					120	wide
Rear leg angle	straight					104	sickled
Foot angle	low angle					107	steep angle
Hocks	swollen					93	clean
Rear leg set r.v.	toes out					108	parallel
Front Feet Orientation	outward					83	straight
Locomotion	bad					99	good
Rear udder h.	low					103	high
Suspens. lig.	weak					126	strong
Teat placem.f.	wide					106	close
Teat placem.r.	wide					117	close
Fore udder att.	loose					91	tight
Udder Balance	rear deep					106	front deep
Udder depth	deep					92	shallow
Teat length	short					135	long

- Milk production
- Type
- A2A2

Proof: VIT / 08-2023

Daughters/Herds: 947/323

Lover

Ronelee RUW LOVER

688217 born: 24.11.2019
 HOLDEUM000540935242
aAa 234165



genomic

HOLSTEIN

RZG	RZ€	RZM	RZE	RZS	RZN	RZR	RZKd	RZKm	RZD
139	1537	124	117	111	121	108	101	104	105
82 %	84 %	75 %	73 %	77 %	68 %	56 %	60 %	65 %	77 %

RZhealth	121	73 %
RZudderfit	110	64 %
RZhoof	109	54 %
RZmetabol	110	59 %
RZrepro	111	55 %
RZcalfhealth	103	49 %
DDcontrol	106	53 %

RZRobot	---	- %
RZorganic	131	82 %
RZpersistence	103	63 %
Kasein	BB / A2A2	
Milk	Fat	Protein
+1166 kg	-0.16 %	-0.04 %
	+28 kg	+36 kg
Reliability	75 %	
Daug./ Herds	- / -	

	76	88	100	112	124		
Dairy type						104	
Body						100	
Feet & Legs						102	
Udder						122	
Stature	small					111	tall
Rib Structure	flat					104	arched
Body depth	shallow					97	deep
Strength	narrow					99	wide
Rump angle	ascending					112	sloped
Rump width	narrow					103	wide
Rear leg angle	straight					89	sickled
Foot angle	low angle					117	steep angle
Hocks	swollen					88	clean
Rear leg set r.v.	toes out					103	parallel
Front Feet Orientation	outward					92	straight
Locomotion	bad					101	good
Rear udder h.	low					111	high
Suspens. lig.	weak					104	strong
Teat placem.f.	wide					108	close
Teat placem.r.	wide					105	close
Fore udder att.	loose					122	tight
Udder Balance	rear deep					105	front deep
Udder depth	deep					121	shallow
Teat length	short					97	long

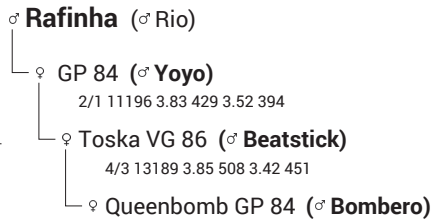
- Longevity
- Fits for AMS
- Udder

Proof: VIT / 08-2023

Daughters/Herds: - / -

Runtime

575222 born: 04.01.2021
 HOLDEUM000124307172
aAa 243615



RZG	RZ€	RZM	RZE	RZS	RZN	RZR	RZKd	RZKm	RZD
142	1717	135	121	106	120	97	101	109	105
82 %	83 %	75 %	72 %	77 %	67 %	54 %	60 %	64 %	77 %

RZhealth	116	71 %
RZudderfit	105	62 %
RZhoof	106	52 %
RZmetabol	114	56 %
RZrepro	105	53 %
RZcalfhealth	90	48 %
DDcontrol	111	51 %

RZRobot	117	73 %
RZorganic	130	81 %
RZpersistence	119	62 %
Kasein	AB / A2A2	
Milk	Fat	Protein
+1563 kg	-0.09 %	-0.06 %
	+52 kg	+46 kg
Reliability	75 %	
Daug./ Herds	- / -	

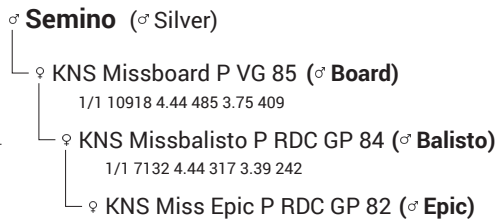
	76	88	100	112	124		
Dairy type						113	
Body						98	
Feet & Legs						105	
Udder						122	
Stature	small					114	tall
Rib Structure	flat					104	arched
Body depth	shallow					97	deep
Strength	narrow					91	wide
Rump angle	ascending					110	sloped
Rump width	narrow					106	wide
Rear leg angle	straight					90	sickled
Foot angle	low angle					113	steep angle
Hocks	swollen					103	clean
Rear leg set r.v.	toes out					96	parallel
Front Feet Orientation	outward					95	straight
Locomotion	bad					101	good
Rear udder h.	low					118	high
Suspens. lig.	weak					108	strong
Teat placem.f.	wide					93	close
Teat placem.r.	wide					95	close
Fore udder att.	loose					119	tight
Udder Balance	rear deep					91	front deep
Udder depth	deep					120	shallow
Teat length	short					103	long

Proof: VIT / 08-2023

Daughters/Herds: -/-

Simon P

K.N.S. Holsteins Simon P
Pp*
685585 born: 23.02.2018
 HOLDEUM000360208999
aAa 324156



RZG	RZ€	RZM	RZE	RZS	RZN	RZR	RZKd	RZKm	RZD
142	1896	142	106	122	127	105	99	105	96
97 %	96 %	99 %	98 %	98 %	82 %	83 %	98 %	95 %	98 %

RZhealth	112	90 %
RZudderfit	110	85 %
RZhoof	107	73 %
RZmetabol	101	86 %
RZrepro	104	77 %
RZcalfhealth	101	97 %
DDcontrol	98	76 %

RZRobot	111	98 %
RZorganic	134	93 %
RZpersistence	117	86 %
Kasein	AB / A2A2	
Milk	Fat	Protein
+1228 kg	+0.18 %	+0.10 %
	+70 kg	+53 kg
Reliability	99 %	
Daug./ Herds	1556 / 560	

	76	88	100	112	124		
Dairy type						106	
Body						107	
Feet & Legs						105	
Udder						101	
Stature	small					96	tall
Rib Structure	flat					112	arched
Body depth	shallow					105	deep
Strength	narrow					110	wide
Rump angle	ascending					88	sloped
Rump width	narrow					97	wide
Rear leg angle	straight					102	sickled
Foot angle	low angle					100	steep angle
Hocks	swollen					96	clean
Rear leg set r.v.	toes out					100	parallel
Front Feet Orientation	outward					110	straight
Locomotion	bad					108	good
Rear udder h.	low					98	high
Suspens. lig.	weak					100	strong
Teat placem.f.	wide					105	close
Teat placem.r.	wide					99	close
Fore udder att.	loose					105	tight
Udder Balance	rear deep					93	front deep
Udder depth	deep					96	shallow
Teat length	short					103	long

Proof: VIT / 08-2023

Daughters/Herds: 835/290

- Milk & Components
- Udder fitness
- Longevity

Sinan PP

RBB Sinan PP

PP*

811654 born: 28.02.2020

HOLDEUM001273500181

aAa 243156



♂ **Simon P** (♂ Semino)

♀ MBL Liv VG 85 (♂ Mystic PP)

2/1 12352 4.01 495 3.30 408

♀ Lola VG 89 (♂ Balisto)

4/3 12780 3.75 479 3.44 439

♀ MS Rollen-NS CAM Lilac P EX 90 (♂ Cameron)



genomic

HOLSTEIN

RZG	RZ€	RZM	RZE	RZS	RZN	RZR	RZKd	RZKm	RZD
139	1697	138	111	116	115	100	100	101	88
83 %	85 %	76 %	74 %	78 %	68 %	57 %	92 %	66 %	78 %

RZhealth	115	75 %
RZudderfit	106	66 %
RZhoof	112	56 %
RZmetabol	107	61 %
RZrepro	105	57 %
RZcalfhealth	97	81 %
DDcontrol	115	56 %

RZRobot	---	- %
RZorganic	128	83 %
RZpersistence	113	65 %
Kasein	BB / A2A2	
Milk	Fat	Protein
+1447 kg	-0.01 %	+0.01 %
	+56 kg	+51 kg
Reliability	76 %	
Daug./ Herds	- / -	

	76	88	100	112	124		
Dairy type						111	
Body						105	
Feet & Legs						103	
Udder						108	
Stature	small					105	tall
Rib Structure	flat					108	arched
Body depth	shallow					107	deep
Strength	narrow					101	wide
Rump angle	ascending					108	sloped
Rump width	narrow					97	wide
Rear leg angle	straight					98	sickled
Foot angle	low angle					101	steep angle
Hocks	swollen					96	clean
Rear leg set r.v.	toes out					100	parallel
Front Feet Orientation	outward					104	straight
Locomotion	bad					104	good
Rear udder h.	low					117	high
Suspens. lig.	weak					94	strong
Teat placem.f.	wide					93	close
Teat placem.r.	wide					87	close
Fore udder att.	loose					108	tight
Udder Balance	rear deep					103	front deep
Udder depth	deep					103	shallow
Teat length	short					97	long

- Milk production
- Improves health
- Longevity

Proof: VIT / 08-2023

Daughters/Herds: - / -

Springsteen

WIL Springsteen

823265 born: 16.02.2020

HOLDEUM000540908991

aAa 234165



♂ **Soundcloud** (♂ Outlast)

♀ WIL Finte VG 87 (♂ Casper)

3/2 10984 3.96 435 3.52 387

♀ WIL Fun VG 87 (♂ Jedi)

4/4 12811 3.98 510 3.54 454

♀ WIL Fanta VG 86 (♂ Silver)



genomic

HOLSTEIN

RZG	RZ€	RZM	RZE	RZS	RZN	RZR	RZKd	RZKm	RZD
145	1868	137	119	124	116	107	101	102	88
82 %	84 %	75 %	73 %	78 %	68 %	57 %	72 %	65 %	77 %

RZhealth	122	72 %
RZudderfit	114	63 %
RZhoof	107	53 %
RZmetabol	109	57 %
RZrepro	110	54 %
RZcalfhealth	102	54 %
DDcontrol	103	53 %

RZRobot	---	- %
RZorganic	131	82 %
RZpersistence	117	64 %
Kasein	AB / A1A2	
Milk	Fat	Protein
+964 kg	+0.25 %	+0.09 %
	+66 kg	+44 kg
Reliability	75 %	
Daug./ Herds	- / -	

	76	88	100	112	124		
Dairy type						118	
Body						90	
Feet & Legs						106	
Udder						122	
Stature	small					112	tall
Rib Structure	flat					106	arched
Body depth	shallow					97	deep
Strength	narrow					87	wide
Rump angle	ascending					84	sloped
Rump width	narrow					96	wide
Rear leg angle	straight					97	sickled
Foot angle	low angle					99	steep angle
Hocks	swollen					103	clean
Rear leg set r.v.	toes out					104	parallel
Front Feet Orientation	outward					93	straight
Locomotion	bad					103	good
Rear udder h.	low					122	high
Suspens. lig.	weak					106	strong
Teat placem.f.	wide					123	close
Teat placem.r.	wide					117	close
Fore udder att.	loose					121	tight
Udder Balance	rear deep					114	front deep
Udder depth	deep					119	shallow
Teat length	short					87	long

- Udder
- Milk & Components
- Udder fitness

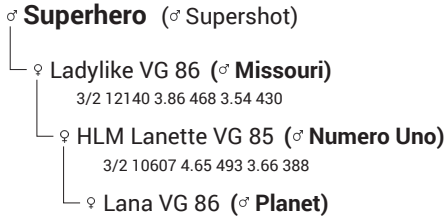
Proof: VIT / 08-2023

Daughters/Herds: - / -

Super Uno

PG Super Uno

619175 born: 10.04.2017
 HOLDEUM000359736504
aAa 234156



RZG	RZ€	RZM	RZE	RZS	RZN	RZR	RZKd	RZKm	RZD
151	2310	147	108	115	132	107	102	115	94
92 %	92 %	93 %	89 %	92 %	79 %	69 %	76 %	80 %	84 %

Rt odq Tmm

RZhealth	115	83 %
RZudderfit	107	76 %
RZhoof	110	71 %
RZmetabol	106	69 %
RZrepro	108	66 %
RZcalfhealth	114	66 %
DDcontrol	109	72 %

RZRobot	110	87 %
RZorganic	140	90 %
RZpersistence	97	87 %
Kasein	AE / A1A2	
Milk	Fat	Protein
+2437 kg	-0.22 %	-0.16 %
	+69 kg	+64 kg
Reliability	93 %	
Daug./ Herds	129/ 52	

	76	88	100	112	124		
Dairy type						116	
Body						112	
Feet & Legs						102	
Udder						100	
Stature	small					107	tall
Rib Structure	flat					103	arched
Body depth	shallow					102	deep
Strength	narrow					104	wide
Rump angle	ascending					86	sloped
Rump width	narrow					118	wide
Rear leg angle	straight					109	sickled
Foot angle	low angle					94	steep angle
Hocks	swollen					102	clean
Rear leg set r.v.	toes out					96	parallel
Front Feet Orientation	outward					104	straight
Locomotion	bad					106	good
Rear udder h.	low					107	high
Suspens. lig.	weak					94	strong
Teat placem.f.	wide					73	close
Teat placem.r.	wide					105	close
Fore udder att.	loose					106	tight
Udder Balance	rear deep					96	front deep
Udder depth	deep					104	shallow
Teat length	short					117	long

- Milk-kg
- Longevity

Proof: VIT / 08-2023

Daughters/Herds: 79/36

Systole

KHE Systole

823212 born: 06.07.2017
 HOLDEUM001504401583
aAa 432156



RZG	RZ€	RZM	RZE	RZS	RZN	RZR	RZKd	RZKm	RZD
140	1669	133	112	119	128	119	110	115	97
98 %	98 %	99 %	98 %	99 %	91 %	89 %	97 %	97 %	98 %

Sonja

RZhealth	111	95 %
RZudderfit	104	93 %
RZhoof	112	91 %
RZmetabol	103	90 %
RZrepro	111	88 %
RZcalfhealth	95	94 %
DDcontrol	111	93 %

RZRobot	121	98 %
RZorganic	130	96 %
RZpersistence	114	93 %
Kasein	AB / A2A2	
Milk	Fat	Protein
+1247 kg	-0.10 %	+0.06 %
	+38 kg	+50 kg
Reliability	99 %	
Daug./ Herds	2484/ 432	

	76	88	100	112	124		
Dairy type						112	
Body						98	
Feet & Legs						111	
Udder						107	
Stature	small					104	tall
Rib Structure	flat					102	arched
Body depth	shallow					103	deep
Strength	narrow					96	wide
Rump angle	ascending					80	sloped
Rump width	narrow					101	wide
Rear leg angle	straight					115	sickled
Foot angle	low angle					85	steep angle
Hocks	swollen					113	clean
Rear leg set r.v.	toes out					110	parallel
Front Feet Orientation	outward					111	straight
Locomotion	bad					113	good
Rear udder h.	low					116	high
Suspens. lig.	weak					103	strong
Teat placem.f.	wide					98	close
Teat placem.r.	wide					88	close
Fore udder att.	loose					97	tight
Udder Balance	rear deep					104	front deep
Udder depth	deep					101	shallow
Teat length	short					106	long

- Udder health
- Longevity
- Hoof health

Proof: VIT / 08-2023

Daughters/Herds: 810/105

Rambo PP

GROENIBO RAMBO PP
PP*
587537 born: 13.11.2017
HOLNLDM000687404238
aAa 432516



♂ Rumba P (♂ Silver)
 ↳ ♀ Jane P (♂ PowerPlay)
 2/1 8170 4.77 390 3.71 303
 ↳ ♀ Jane VG 85 (♂ Stellando)
 6/5 12449 4.31 537 3.43 427
 ↳ ♀ Jane 62 VG 85 (♂ Brilliant)



progeny tested

RED HOLSTEIN

RZG 127 97 %	RZ€ 1063 96 %	RZM 124 99 %	RZE 112 97 %	RZS 113 99 %	RZN 110 85 %	RZR 103 89 %	RZKd 112 99 %	RZKm 104 98 %	RZD 92 97 %
----------------------------------	-----------------------------------	----------------------------------	----------------------------------	----------------------------------	----------------------------------	----------------------------------	-----------------------------------	-----------------------------------	---------------------------------

RZhealth	108	88 %
RZudderfit	109	83 %
RZhoof	96	72 %
RZmetabol	104	83 %
RZrepro	103	73 %
RZcalfhealth	110	98 %
DDcontrol	84	75 %

RZRobot	---	- %
RZorganic	118	93 %
RZpersistence	116	86 %
Kasein	AB / A2A2	
Milk	Fat	Protein
+497 kg	+0.15 %	+0.15 %
	+35 kg	+32 kg
Reliability	99 %	
Daug./ Herds	2915/ 860	

	76	88	100	112	124	
Dairy type						102
Body						99
Feet & Legs						105
Udder						114
Stature	small					108 tall
Rib Structure	flat					105 arched
Body depth	shallow					100 deep
Strength	narrow					104 wide
Rump angle	ascending					118 sloped
Rump width	narrow					95 wide
Rear leg angle	straight					106 sickled
Foot angle	low angle					104 steep angle
Hocks	swollen					98 clean
Rear leg set r.v.	toes out					102 parallel
Front Feet Orientation	outward					98 straight
Locomotion	bad					105 good
Rear udder h.	low					113 high
Suspens. lig.	weak					100 strong
Teat placem.f.	wide					94 close
Teat placem.r.	wide					103 close
Fore udder att.	loose					108 tight
Udder Balance	rear deep					116 front deep
Udder depth	deep					114 shallow
Teat length	short					107 long

- Components
- Calving ease
- Udder

Proof: VIT / 08-2023

Daughters/Herds: 620/229

Samos Red

WKM Samos Red
159029 born: 28.01.2021
HOLDEUM000363376878
aAa 426351



♂ Sir-Red (♂ Simplicity)
 ↳ ♀ WKM Kalinka VG 85 (♂ Spark Red)
 3/2 13927 3.31 461 3.43 478
 ↳ ♀ Wilder K26 GP 84 (♂ Battlecry)
 1/1 12282 3.52 432 3.49 429
 ↳ ♀ Wilder K25 EX 90 (♂ Brekem)



genomic

RED HOLSTEIN

RZG 139 81 %	RZ€ 1456 83 %	RZM 125 74 %	RZE 121 72 %	RZS 111 76 %	RZN 115 66 %	RZR 101 52 %	RZKd 105 60 %	RZKm 111 62 %	RZD 103 76 %
----------------------------------	-----------------------------------	----------------------------------	----------------------------------	----------------------------------	----------------------------------	----------------------------------	-----------------------------------	-----------------------------------	----------------------------------

RZhealth	122	71 %
RZudderfit	112	61 %
RZhoof	107	52 %
RZmetabol	113	55 %
RZrepro	107	53 %
RZcalfhealth	97	48 %
DDcontrol	108	51 %

RZRobot	118	73 %
RZorganic	130	81 %
RZpersistence	114	61 %
Kasein	AA / A1A2	
Milk	Fat	Protein
+841 kg	-0.01 %	+0.06 %
	+34 kg	+35 kg
Reliability	74 %	
Daug./ Herds	- / -	

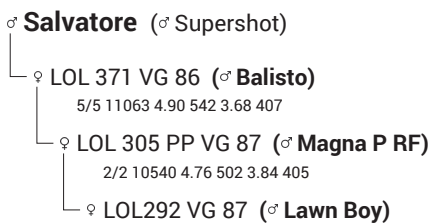
	76	88	100	112	124	
Dairy type						105
Body						110
Feet & Legs						112
Udder						114
Stature	small					108 tall
Rib Structure	flat					106 arched
Body depth	shallow					104 deep
Strength	narrow					110 wide
Rump angle	ascending					93 sloped
Rump width	narrow					110 wide
Rear leg angle	straight					91 sickled
Foot angle	low angle					112 steep angle
Hocks	swollen					98 clean
Rear leg set r.v.	toes out					111 parallel
Front Feet Orientation	outward					98 straight
Locomotion	bad					110 good
Rear udder h.	low					115 high
Suspens. lig.	weak					113 strong
Teat placem.f.	wide					91 close
Teat placem.r.	wide					94 close
Fore udder att.	loose					108 tight
Udder Balance	rear deep					86 front deep
Udder depth	deep					112 shallow
Teat length	short					101 long

Proof: VIT / 08-2023

Daughters/Herds: - / -

Snickers P

Pp*
586345 born: 03.05.2018
 HOLNLD000576852674
aAa 423165



Arntje

RZG	RZ€	RZM	RZE	RZS	RZN	RZR	RZKd	RZKm	RZD
137	1562	136	120	101	118	97	118	107	112
95 %	94 %	98 %	94 %	96 %	79 %	75 %	97 %	94 %	94 %

RZhealth	104	82 %
RZudderfit	101	75 %
RZhoof	102	62 %
RZmetabol	103	75 %
RZrepro	101	65 %
RZcalfhealth	108	94 %
DDcontrol	99	61 %

RZRobot	127	94 %
RZorganic	122	90 %
RZpersistence	104	82 %
Kasein	AB / A1A2	
Milk	Fat	Protein
+1051 kg	+0.24 %	+0.04 %
	+68 kg	+41 kg
Reliability	98 %	
Daug./ Herds	793 / 301	

	76	88	100	112	124	
Dairy type						
Body						117
Feet & Legs						91
Udder						121
Stature	small					114
Rib Structure	flat					95
Body depth	shallow					110
Strength	narrow					arched
Rump angle	ascending					85
Rump width	narrow					88
Rear leg angle	straight					wide
Foot angle	low angle					96
Hocks	swollen					sloped
Rear leg set r.v.	toes out					102
Front Feet Orientation	outward					wide
Locomotion	bad					96
Rear udder h.	low					sickled
Suspens. lig.	weak					105
Teat placem.f.	wide					steep angle
Teat placem.r.	wide					112
Fore udder att.	loose					clean
Udder Balance	rear deep					118
Udder depth	deep					parallel
Teat length	short					87
						straight
						113
						good
						123
						high
						95
						strong
						107
						close
						96
						close
						103
						tight
						114
						front deep
						106
						shallow
						113
						long

- Milk production
- Calving ease
- Fits for AMS

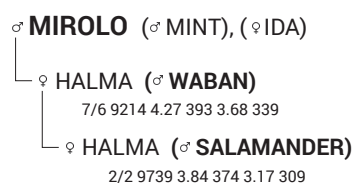
Proof: VIT / 08-2023

Daughters/Herds: 264/96

Mirage

427073

Born: 17.12.2017
 DE 08 16666080
aAa 426315



Mirage

SexTMI	Udder	Fitness	Milk
118			
89%			

Milk	MI 109	97%
Milk	Fat	Protein
+537 kg	-0.14 %	-0.05 %
	+10 kg	+14 kg
Daughters	183	
Herds	100	
Cappa-Casein	AA	
Beta-Casein	A1A2	

Beef Performance	BI 88	92%
Daily net gain	83	97%
Carcass percentage	101	79%
Carcass grade	84	93%

Fitness	FIT 121	87%
Longevity	121	74%
Udder health	117	92%
Calving ease pat.	101	97%
Prod. increase	106	89%
Persistence	105	79%
Som. cell count	101	95%
Fertility mat.	117	92%
Milking speed	114	77%
Vitality	94	94%
Ecol. TMI	104	86%
	121	91%

	76	88	100	112	124	
Frame						94
Muscling						94
Feet & Legs						117
Udder						124
Height at cross	small					97
Body length	short					95
Rump width	narrow					95
Body depth	shallow					90
Rump angle	ascending					78
Hock angularity	straight					96
Hock develop.	swollen					115
Pasterns	weak					99
Foot angle	low angles					90
Fore udder length	short					108
Rear udder length	short					108
Fore udder att.	loose					115
Susp. ligament	weak					118
Udder depth	deep					113
Teat length	short					90
Teat thickness	thin					84
Teat placem. (front)	wide					112
Teat placem. (rear)	wide					111
Teat direction (rear)	outwards					118
Udder cleanliness	add. teats					104
						clean udder



Halma, dam of Mirage

Proof: ZAR / 08-2023

Mirolo

427007 Pigm.: 57%

Born: 15.05.2015
DE 08 15987833
aAa 342156



♂ MINT (♂ MANIGO), (♀ INKA)
♀ IDA (♂ RENWART)
5/4 8757 4.12 361 3.45 302
♀ IMELDA (♂ HUPSOL)
6/6 10902 3.86 421 3.29 359



progeny tested

FLECKVIEH

SexTMI
117
96%

Type

Udder health

Fertility

Milk MI 112 99%

Milk	Fat	Protein
+606 kg	-0.12 %	-0.01 %
	+15 kg	+20 kg

Daughters	599
Herds	290

Cappa-Casein	AB
Beta-Casein	A2A2



Daughter of Mirolo

Beef Performance BI 99 96%

Daily net gain	104	99%
----------------	-----	-----

Carcass percentage	104	87%
--------------------	-----	-----

Carcass grade	91	98%
---------------	----	-----

Fitness FIT 108 96%

Longevity	104	92%
Udder health	111	97%
Calving ease pat.	93	99%
Calving ease mat.	103	97%
Prod. increase	94	98%
Persistency	85	99%
Som. cell count	110	98%
Fertility mat.	112	94%
Milking speed	94	98%
Vitality	95	95%
Ecol. TMI	108	97%

Type traits 250 Daughters

Trait	76	88	100	112	124	
Frame					111	
Muscling					101	
Feet & Legs					109	
Udder					110	
Height at cross	small				112	large
Body length	short				108	long
Rump width	narrow				103	wide
Body depth	shallow				108	deep
Rump angle	ascending				96	sloped
Hock angularity	straight				106	sickled
Hock develop.	swollen				114	dry
Pasterns	weak				98	strong
Foot angle	low angles				92	steep angles
Fore udder length	short				111	long
Rear udder length	short				110	long
Fore udder att.	loose				98	tight
Susp. ligament	weak				109	strong
Udder depth	deep				106	high
Teat length	short				93	long
Teat thickness	thin				87	thick
Teat placem. (front)	wide				110	close
Teat placem. (rear)	wide				117	close
Teat direction (rear)	outwards				106	inwards
Udder cleanliness	add. teats				104	clean udder

Proof: ZAR / 08-2023

Zappa

427137

Born: 06.01.2021
DE 08 17721539



♂ Zafon (♂ Zazu), (♀ Meggy)
♀ Mia (♂ Miami)
3/2 8830 4.00 353 3.61 319
♀ Bianka (♂ Royal)
5/5 11089 4.12 457 3.50 388



genomic

FLECKVIEH

SexTMI
132
74%

Components

Feet & Legs

Fitness

Milk MI 125 84%

Milk	Fat	Protein
+692 kg	+0.14 %	+0.05 %
	+41 kg	+29 kg

Daughters	Herds

Cappa-Casein	AA
Beta-Casein	A1A2



Mia, dam of Zappa, 1st lac.

Beef Performance BI 107 74%

Daily net gain	102	75%
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Carcass percentage	108	73%
--------------------	-----	-----

Carcass grade	106	72%
---------------	-----	-----

Fitness FIT 115 79%

Longevity	114	67%
Udder health	114	81%
Calving ease pat.	104	88%
Calving ease mat.	107	73%
Prod. increase	112	73%
Persistency	98	76%
Som. cell count	111	76%
Fertility mat.	111	67%
Milking speed	102	83%
Vitality	98	71%
Ecol. TMI	130	81%

Type traits - Daughters

Trait	76	88	100	112	124	
Frame					100	
Muscling					102	
Feet & Legs					116	
Udder					111	
Height at cross	small				98	large
Body length	short				99	long
Rump width	narrow				104	wide
Body depth	shallow				103	deep
Rump angle	ascending				116	sloped
Hock angularity	straight				96	sickled
Hock develop.	swollen				106	dry
Pasterns	weak				109	strong
Foot angle	low angles				107	steep angles
Fore udder length	short				113	long
Rear udder length	short				109	long
Fore udder att.	loose				107	tight
Susp. ligament	weak				95	strong
Udder depth	deep				103	high
Teat length	short				95	long
Teat thickness	thin				87	thick
Teat placem. (front)	wide				109	close
Teat placem. (rear)	wide				111	close
Teat direction (rear)	outwards				113	inwards
Udder cleanliness	add. teats				99	clean udder

Proof: ZAR / 08-2023

Antonius

346900

Born: 28.10.2019
DE 09 55057978

♂ Ag Angelo (♂ Anibal), (♀ Presly)

♀ Fips (♂ Ag Juventus)

7/6 9030 4.45 402 3.69 333

♀ Fete (♂ Huray)

4/4 10715 3.89 416 3.44 369



Antonius

SexTMI
127
 75%

Milk

Fitness

Teat placement

Milk	MI 117 84%	Beef Performance	BI 91 61%	Fitness	FIT 111 76%	Type traits	- Daughters
Milk +934 kg	Fat -0.15 % Protein -0.13 % +27 kg +22 kg	Daily net gain 97 63%	Carcass percentage 91 58%	Longevity 113 65%	Udder health 102 77%	Frame	76 88 100 112 124
Daughters Herds	Cappa-Casein AB Beta-Casein A2A2	Carcass grade 90 58%		Calving ease pat. 104 94%	Calving ease mat. 106 74%	Rump	
				Prod. increase 112 69%	Persistence 114 74%	Feet & Legs	
				Som. cell count 102 74%	Fertility mat. 106 63%	Udder	
				Milking speed 120 78%	Vitality 91 84%	Final Score	
				Ecol. TMI 120 80%		Muscling	light
						Height at cross	small
						Chest width	shallow
						Body depth	shallow
						Backline	weak
						Rump length	short
						Rump width	narrow
						Rump angle	ascending
						Thurl position	in the back
						Hock angularity	straight
						Hock develop.	swollen
						Pasterns	weak
						Foot angle	low angles
						Fore udder length	short
						Rear udder width	narrow
						Rear udder height	low
						Susp. ligament	weak
						Udder depth	deep
						Fore udder att.	loose
						Udder balance	staged
						Teat length	short
						Teat thickness	thin
						Teat placem. (front)	wide
						Teat placem. (rear)	wide
						Teat direction (rear)	outwards
						Udder cleanness	add. teats

Proof: ZAR / 08-2023

Atlantis

356930

Born: 28.12.2019
AT 96 5087 669

♂ Gs Aristo (♂ Amor), (♀ Rosalie)

♀ Ramona GP 81 (♂ Cadence)

2/1 11020 4.25 468 3.65 402

♀ Rosi GP 84 (♂ Gs Huvi)

5/4 11456 4.45 510 4.20 481



Atlantis

SexTMI
127
 76%

Milk

Fitness

Persistence

Milk	MI 115 85%	Beef Performance	BI 88 65%	Fitness	FIT 112 77%	Type traits	- Daughters
Milk +1050 kg	Fat -0.38 % Protein -0.10 % +11 kg +29 kg	Daily net gain 95 66%	Carcass percentage 87 63%	Longevity 110 66%	Udder health 109 79%	Frame	76 88 100 112 124
Daughters Herds	Cappa-Casein BB Beta-Casein A2A2	Carcass grade 88 61%		Calving ease pat. 103 91%	Calving ease mat. 110 73%	Rump	
				Prod. increase 105 68%	Persistence 114 76%	Feet & Legs	
				Som. cell count 108 76%	Fertility mat. 103 64%	Udder	
				Milking speed 104 81%	Vitality 98 78%	Final Score	
				Ecol. TMI 117 81%		Muscling	light
						Height at cross	small
						Chest width	shallow
						Body depth	shallow
						Backline	weak
						Rump length	short
						Rump width	narrow
						Rump angle	ascending
						Thurl position	in the back
						Hock angularity	straight
						Hock develop.	swollen
						Pasterns	weak
						Foot angle	low angles
						Fore udder length	short
						Rear udder width	narrow
						Rear udder height	low
						Susp. ligament	weak
						Udder depth	deep
						Fore udder att.	loose
						Udder balance	staged
						Teat length	short
						Teat thickness	thin
						Teat placem. (front)	wide
						Teat placem. (rear)	wide
						Teat direction (rear)	outwards
						Udder cleanness	add. teats

Proof: ZAR / 08-2023

Calderon

435473

Born: 09.11.2019
DE 08 17326975
aAa 651423



♂ Casanova (♂ Cadence), (♀ 4138)

♀ Pisa (♂ Cadura)

3/2 8405 4.30 362 3.46 291

♀ Pai (♂ Ag Hercules)

3/2 9832 4.72 465 4.49 442



Calderon

SexTMI
126
77%

Milk

Fitness

Udder

Milk MI 119 85%

Beef Performance BI 85 70%

Fitness FIT 107 79%

Type traits - Daughters

Milk +844 kg Fat -0.06 % Protein -0.06 %
+30 kg +25 kg

Daily net gain 93 71%

Longevity 103 67%

Trait	76	88	100	112	124
Frame					102
Rump					95
Feet & Legs					101
Udder					111
Final Score					106
Muscling	light				90 heavy
Height at cross	small				109 large
Chest width	shallow				94 deep
Body depth	shallow				105 deep
Backline	weak				99 strong
Rump length	short				103 long
Rump width	narrow				100 wide
Rump angle	ascending				94 sloped
Thurl position	in the back				87 in the centre
Hock angularity	straight				100 sickled
Hock develop.	swollen				103 dry
Pasterns	weak				99 strong
Foot angle	low angles				100 steep angles
Fore udder length	short				99 long
Rear udder width	narrow				105 wide
Rear udder height	low				116 high
Susp. ligament	weak				104 strong
Udder depth	deep				105 shallow
Fore udder att.	loose				100 tight
Udder balance	staged				96 inclined
Teat length	short				100 long
Teat thickness	thin				101 thick
Teat placem. (front)	wide				102 close
Teat placem. (rear)	wide				105 close
Teat direction (rear)	outwards				104 inwards
Udder cleanness	add. teats				95 clean udder

Daughters Herds

Carcass percentage 83 69%

Calving ease pat. 100 94%

Cappa-Casein BB
Beta-Casein A1A2

Carcass grade 88 66%

Calving ease mat. 106 78%

Prod. increase 111 70%

Persistence 110 76%

Som. cell count 101 76%

Fertility mat. 106 66%

Milking speed 104 81%

Vitality 93 84%

Ecol. TMI 117 82%



Pisa, dam of Calderon

Proof: ZAR / 08-2023

Campari

347090

Born: 23.05.2020
DE 09 56064792
aAa 561423



♂ Casanova (♂ Cadence), (♀ 4138)

♀ Nixdau (♂ Ag Vanpari)

3/2 9487 4.31 409 3.74 355

♀ Nivea (♂ Ag Hapat)

4/4 9307 4.18 389 4.16 388



Campari

SexTMI
129
77%

Milk

Fertility

Udder

Milk MI 122 85%

Beef Performance BI 93 66%

Fitness FIT 107 78%

Type traits - Daughters

Milk +1084 kg Fat -0.16 % Protein -0.10 %
+31 kg +30 kg

Daily net gain 98 67%

Longevity 103 66%

Trait	76	88	100	112	124
Frame					107
Rump					100
Feet & Legs					109
Udder					109
Final Score					108
Muscling	light				87 heavy
Height at cross	small				112 large
Chest width	shallow				98 deep
Body depth	shallow				106 deep
Backline	weak				104 strong
Rump length	short				105 long
Rump width	narrow				98 wide
Rump angle	ascending				100 sloped
Thurl position	in the back				95 in the centre
Hock angularity	straight				94 sickled
Hock develop.	swollen				101 dry
Pasterns	weak				102 strong
Foot angle	low angles				113 steep angles
Fore udder length	short				102 long
Rear udder width	narrow				105 wide
Rear udder height	low				115 high
Susp. ligament	weak				92 strong
Udder depth	deep				102 shallow
Fore udder att.	loose				103 tight
Udder balance	staged				105 inclined
Teat length	short				90 long
Teat thickness	thin				107 thick
Teat placem. (front)	wide				94 close
Teat placem. (rear)	wide				99 close
Teat direction (rear)	outwards				100 inwards
Udder cleanness	add. teats				96 clean udder

Daughters Herds

Carcass percentage 94 64%

Calving ease pat. 106 94%

Cappa-Casein BB
Beta-Casein A1A2

Carcass grade 88 63%

Calving ease mat. 102 76%

Prod. increase 107 69%

Persistence 104 76%

Som. cell count 100 76%

Fertility mat. 109 66%

Milking speed 108 80%

Vitality 95 80%

Ecol. TMI 119 81%



Nixdau, dam of Campari, 2nd lac.

Proof: ZAR / 08-2023

Caracala

435505

Born: 18.12.2019
DE 08 17404903



♂ **Casanova** (♂ Cadence), (♀ Marion)

♀ **Stella** (♂ Voicemail)

6/5 8518 4.21 359 3.67 313

♀ **Stella** (♂ Huxoy)

6/6 8245 4.18 345 3.62 299



Caracala

SexTMI
124
76%

Milk

Fitness

Type

Milk		MI 116 85%
Milk	Fat	Protein
+757 kg	-0.12 %	-0.05 %
	+22 kg	+23 kg
Daughters Herds		
Cappa-Casein	BB	
Beta-Casein	A1A2	

Beef Performance		BI 99 65%
Daily net gain	102	67%
Carcass percentage	98	65%
Carcass grade	91	62%

Fitness		FIT 109 77%
Longevity	106	66%
Udder health	110	79%
Calving ease pat.	113	96%
Calving ease mat.	104	79%
Prod. increase	111	68%
Persistence	113	75%
Som. cell count	106	75%
Fertility mat.	105	64%
Milking speed	101	79%
Vitality	88	84%
Ecol. TMI	118	81%

Type traits		- Daughters				
Trait		76	88	100	112	124
Frame						108
Rump						104
Feet & Legs						103
Udder						110
Final Score						109
Muscling	light					90 heavy
Height at cross	small					107 large
Chest width	shallow					100 deep
Body depth	shallow					105 deep
Backline	weak					104 strong
Rump length	short					106 long
Rump width	narrow					116 wide
Rump angle	ascending					97 sloped
Thurl position	in the back					89 in the centre
Hock angularity	straight					102 sickled
Hock develop.	swollen					112 dry
Pasterns	weak					94 strong
Foot angle	low angles					101 steep angles
Fore udder length	short					104 long
Rear udder width	narrow					101 wide
Rear udder height	low					107 high
Susp. ligament	weak					108 strong
Udder depth	deep					108 shallow
Fore udder att.	loose					103 tight
Udder balance	staged					104 inclined
Teat length	short					108 long
Teat thickness	thin					112 thick
Teat placem. (front)	wide					101 close
Teat placem. (rear)	wide					106 close
Teat direction (rear)	outwards					100 inwards
Udder cleanliness	add. teats					101 clean udder

Proof: ZAR / 08-2023

Casanova

435402

Born: 02.12.2017
DE 08 16820676
aAa 216435



♂ **CADENCE** (♂ BROOKINGS), (♀ BUFFY)

♀ **MARION** (♂ GS HUVI)

3/2 9236 3.90 360 3.51 325

♀ **603** (♂ PAYSSLI)

7/7 9030 4.18 378 3.66 330



Casanova

SexTMI
110
96%

Udder

Persistence

Frame

Milk		MI 108 99%
Milk	Fat	Protein
+704 kg	-0.29 %	-0.12 %
	+5 kg	+15 kg
Daughters Herds		
851	423	
Cappa-Casein	BB	
Beta-Casein	A1A2	

Beef Performance		BI 86 96%
Daily net gain	95	98%
Carcass percentage	86	91%
Carcass grade	84	95%

Fitness		FIT 102 93%
Longevity	99	85%
Udder health	105	96%
Calving ease pat.	102	99%
Calving ease mat.	101	96%
Prod. increase	117	79%
Persistence	107	98%
Som. cell count	101	97%
Fertility mat.	104	88%
Milking speed	103	98%
Vitality	85	97%
Ecol. TMI	109	96%

Type traits		352 Daughters				
Trait		76	88	100	112	124
Frame						114
Rump						105
Feet & Legs						96
Udder						121
Final Score						114
Muscling	light					93 heavy
Height at cross	small					123 large
Chest width	shallow					103 deep
Body depth	shallow					113 deep
Backline	weak					101 strong
Rump length	short					114 long
Rump width	narrow					117 wide
Rump angle	ascending					90 sloped
Thurl position	in the back					83 in the centre
Hock angularity	straight					103 sickled
Hock develop.	swollen					100 dry
Pasterns	weak					87 strong
Foot angle	low angles					112 steep angles
Fore udder length	short					92 long
Rear udder width	narrow					100 wide
Rear udder height	low					114 high
Susp. ligament	weak					111 strong
Udder depth	deep					119 shallow
Fore udder att.	loose					109 tight
Udder balance	staged					110 inclined
Teat length	short					107 long
Teat thickness	thin					111 thick
Teat placem. (front)	wide					100 close
Teat placem. (rear)	wide					103 close
Teat direction (rear)	outwards					108 inwards
Udder cleanliness	add. teats					95 clean udder



Toni, daughter of Casanova

Proof: ZAR / 08-2023

Jakarta

345840

Born: 10.10.2015
DE 09 50954498
aAa 561423



♂ **AG James** (♂ Jaguar), (♀ Selina)

♀ **Susi** (♂ Huray)

6/5 8243 4.45 367 3.91 322

♀ **Sybille** (♂ Vasir)

5/5 11912 3.95 470 3.39 404



progeny tested

BROWN SWISS

SexTMI
121

92%

Longevity

Fitness

Type

Milk	MI 112 97%	Beef Performance	BI 98 80%	Fitness	FIT 107 89%	Type traits	61 Daughters
------	------------	------------------	-----------	---------	-------------	-------------	--------------

Milk	Fat	Protein
+484 kg	+0.01 %	-0.03 %
	+21 kg	+15 kg

Daughters	109
Herds	98

Cappa-Casein	BB
Beta-Casein	A2A2

Daily net gain	98	84%
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Carcass percentage	105	71%
--------------------	-----	-----

Carcass grade	96	79%
---------------	----	-----

Longevity	114	79%
Udder health	102	91%
Calving ease pat.	103	99%
Calving ease mat.	107	92%
Prod. increase	117	93%
Persistence	107	95%
Som. cell count	104	92%
Fertility mat.	102	81%
Milking speed	108	93%
Vitality	94	95%
Ecol. TMI	120	93%

Trait	76	88	100	112	124
Frame					104
Rump					105
Feet & Legs					106
Udder					113
Final Score					112
Muscling	light				117
Height at cross	small				96
Chest width	shallow				110
Body depth	shallow				107
Backline	weak				96
Rump length	short				103
Rump width	narrow				99
Rump angle	ascending				94
Thurl position	in the back				106
Hock angularity	straight				97
Hock develop.	swollen				86
Pasterns	weak				110
Foot angle	low angles				99
Fore udder length	short				111
Rear udder width	narrow				99
Rear udder height	low				102
Susp. ligament	weak				105
Udder depth	deep				105
Fore udder att.	loose				106
Udder balance	staged				114
Teat length	short				96
Teat thickness	thin				100
Teat placem. (front)	wide				109
Teat placem. (rear)	wide				120
Teat direction (rear)	outwards				115
Udder cleanness	add. teats				100



Natalie, daughter of Jakarta

Proof: ZAR / 08-2023

Brutus P

Pp*
585817 born: 30.01.2022
RDCDEUM000124579383
aAa 243615



♂ **Zitrus P** (♂ VR Fanof P)

♀ **Viva GP 84** (♂ VR Crone)

2/2 9604 4.63 445 3.71 356

♀ **Pisa GP 83** (♂ Notar)

4/4 10077 4.21 424 3.62 365

♀ **Meezen VG 85** (♂ R Degn)



genomic

RED CATTLE - ANGLER

RZG 126 55 %	RZM 129 60 %	RZE 99 60 %	RZS 101 60 %	RZN 115 55 %	RZR 98 55 %	RZKd	RZKm	RZD
----------------------------------	----------------------------------	---------------------------------	----------------------------------	----------------------------------	---------------------------------	-------------	-------------	------------

RZRobot	---	-- %
RZpersistence	---	-- %

Cappa-Casein	AB
Beta-Casein	A2A2

Milk	Fat	Protein
+612 kg	-0,18 %	+0,17 %
	+14 kg	+36 kg

Reliability	60 %
Daughters	-
Herds	-

RZcalfhealth	---	-- %
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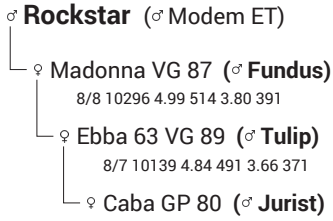
	76	88	100	112	124
Dairy type					98
Body					94
Feet & Legs					99
Udder					102
Stature	small				100
Rib Structure	flat				99
Body depth	shallow				93
Strength	narrow				84
Rump angle	ascending				98
Rump width	narrow				108
Rear leg angle	straight				110
Foot angle	low angle				106
Hocks	swollen				106
Rear leg set r. v.	toes out				89
Front Feet Orientation	outward				
Locomotion	bad				
Rear udder h.	low				102
Suspens. lig.	weak				100
Teat placem.f.	wide				103
Teat placem.r.	wide				104
Fore udder att.	loose				103
Udder Balance	rear deep				
Udder depth	deep				98
Teat length	short				99

Proof: VIT / 04-2023

Daughters/Herds: -/-

Schlei

588698 born: 22.07.2014
RDCDEUM000121491902



Ulme

RZG 132 93 %	RZM 113 96 %	RZE 127 88 %	RZS 134 94 %	RZN 116 83 %	RZR 107 70 %	RZKd 108 87 %	RZKm 117 79 %	RZD 94 87 %
----------------------------------	----------------------------------	----------------------------------	----------------------------------	----------------------------------	----------------------------------	-----------------------------------	-----------------------------------	---------------------------------

RZRobot	130	90 %
RZpersistence	113	93 %
Cappa-Casein	--	
Beta-Casein	--/--	
Milk	Fat	Protein
+238 kg	+0.09 %	+0.06 %
	+19 kg	+14 kg
Reliability	96 %	
Daughters	271	
Herds	89	
RZcalfhealth	113	71 %

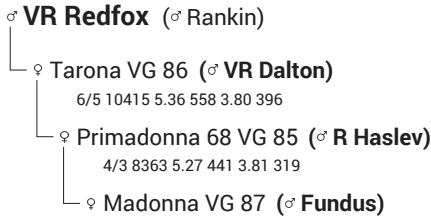
	76	88	100	112	124	
Dairy type						99
Body						102
Feet & Legs						120
Udder						123
Stature	small					93 tall
Rib Structure	flat					102 arched
Body depth	shallow					103 deep
Strength	narrow					106 wide
Rump angle	ascending					99 sloped
Rump width	narrow					98 wide
Rear leg angle	straight					101 sickled
Foot angle	low angle					105 steep angle
Hocks	swollen					108 clean
Rear leg set r.v.	toes out					110 parallel
Front Feet Orientation	outward					106 straight
Locomotion	bad					119 good
Rear udder h.	low					117 high
Suspens. lig.	weak					105 strong
Teat placem.f.	wide					106 close
Teat placem.r.	wide					102 close
Fore udder att.	loose					116 tight
Udder Balance	rear deep					123 front deep
Udder depth	deep					118 shallow
Teat length	short					113 long

- Udder quality
- Udder health
- Components

Proof: VIT / 08-2023 Daughters/Herds: 173/61

Voxy

586199 born: 20.07.2017
RDCDEUM000123053455



Zwickau

RZG 138 85 %	RZM 125 93 %	RZE 125 83 %	RZS 118 87 %	RZN 111 49 %	RZR 100 52 %	RZKd 126 75 %	RZKm 104 72 %	RZD 103 75 %
----------------------------------	----------------------------------	----------------------------------	----------------------------------	----------------------------------	----------------------------------	-----------------------------------	-----------------------------------	----------------------------------

RZRobot	---	-- %
RZpersistence	105	60 %
Cappa-Casein	AB	
Beta-Casein	A1A2	
Milk	Fat	Protein
+462 kg	+0.34 %	+0.01 %
	+51 kg	+18 kg
Reliability	93 %	
Daughters	175	
Herds	61	
RZcalfhealth	99	50 %

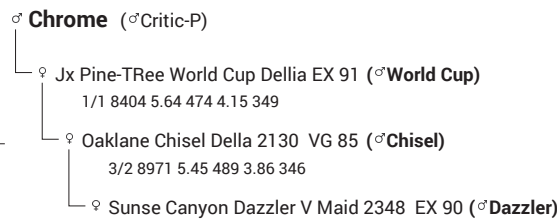
	76	88	100	112	124	
Dairy type						103
Body						80
Feet & Legs						135
Udder						116
Stature	small					89 tall
Rib Structure	flat					103 arched
Body depth	shallow					88 deep
Strength	narrow					79 wide
Rump angle	ascending					105 sloped
Rump width	narrow					79 wide
Rear leg angle	straight					98 sickled
Foot angle	low angle					114 steep angle
Hocks	swollen					118 clean
Rear leg set r.v.	toes out					118 parallel
Front Feet Orientation	outward					124 straight
Locomotion	bad					127 good
Rear udder h.	low					110 high
Suspens. lig.	weak					106 strong
Teat placem.f.	wide					124 close
Teat placem.r.	wide					112 close
Fore udder att.	loose					117 tight
Udder Balance	rear deep					99 front deep
Udder depth	deep					113 shallow
Teat length	short					83 long

Proof: VIT / 08-2023 Daughters/Herds: 116/38

Cronos

De Oosterhof Pine-Tree Cronos

409043 born: 16.04.2020
JERNLDM000629961186
aAa 423651



JERSEY

RZG	RZM	RZE	RZS	RZN	RZR	RZKd	RZKm	RZD
Cronos								

RZhealth	---	-%
RZudderfit	---	-%
RZhoof	---	-%
RZmetabol	---	-%
RZrepro	---	-%
RZcalfhealth	---	-%
DDcontrol	---	-%

RZRobot	---	-%
RZorganic	---	-%
RZpersistence	---	-%
Kasein	BB / A2A2	
Milk	Fat	Protein
kg	kg	kg
Reliability	-	
Daug./ Herds	-/-	

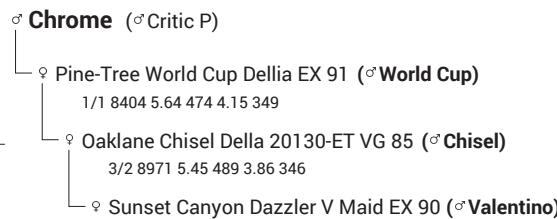
		76	88	100	112	124	
Dairy type							
Body							
Feet & Legs							
Udder							
Stature	small						tall
Rib Structure	flat						arched
Body depth	shallow						deep
Strength	narrow						wide
Rump angle	ascending						sloped
Rump width	narrow						wide
Rear leg angle	straight						sickled
Foot angle	low angle						steep angle
Hocks	swollen						clean
Rear leg set r.v.	toes out						parallel
Front Feet Orientation	outward						straight
Locomotion	bad						good
Rear udder h.	low						high
Suspens. lig.	weak						strong
Teat placem.f.	wide						close
Teat placem.r.	wide						close
Fore udder att.	loose						tight
Udder Balance	rear deep						front deep
Udder depth	deep						shallow
Teat length	short						long

Daughters/Herds: -/-

Dreamer

De Oosterhof Pine-Tree Dreamer

159053 born: 11.05.2020
JERNLDM000899222549
aAa 516324



JERSEY

RZG	RZM	RZE	RZS	RZN	RZR	RZKd	RZKm	RZD
Dreamer								

RZhealth	---	-%
RZudderfit	---	-%
RZhoof	---	-%
RZmetabol	---	-%
RZrepro	---	-%
RZcalfhealth	---	-%
DDcontrol	---	-%

RZRobot	---	-%
RZorganic	---	-%
RZpersistence	---	-%
Kasein	BB / A2A2	
Milk	Fat	Protein
kg	kg	kg
Reliability	-	
Daug./ Herds	-/-	

		76	88	100	112	124	
Dairy type							
Body							
Feet & Legs							
Udder							
Stature	small						tall
Rib Structure	flat						arched
Body depth	shallow						deep
Strength	narrow						wide
Rump angle	ascending						sloped
Rump width	narrow						wide
Rear leg angle	straight						sickled
Foot angle	low angle						steep angle
Hocks	swollen						clean
Rear leg set r.v.	toes out						parallel
Front Feet Orientation	outward						straight
Locomotion	bad						good
Rear udder h.	low						high
Suspens. lig.	weak						strong
Teat placem.f.	wide						close
Teat placem.r.	wide						close
Fore udder att.	loose						tight
Udder Balance	rear deep						front deep
Udder depth	deep						shallow
Teat length	short						long

Daughters/Herds: -/-

Holstein Frisian
Red Holstein
Fleckvieh
Brown Swiss
Angler
Jersey

Daughter Proven
Genomic



📷 Anne-Mette Evers



GGI-KENYA

GGI (K) Limited

Sapna Business Park, ICD Road, Unit S3, 3rd Floor
P.O. Box 18846-00500, Nairobi

Mobile: +254 717 88 11 33 / +254 750 889 339

E-mail: info@ggikenya.com
Internet: www.ggikenya.com



GGI-SPERMEX
Genetics made in Germany

GGI-SPERMEX GmbH

Am Osterfeld 14
49661 Cloppenburg-Bethen
Germany

Phone: +49 4471 91 74-0
Fax: +49 4471 91 74-74

email: info@ggi-spermex.de
Internet: www.ggi-spermex.de

Ottostraße 26
85521 Ottobrunn
Germany

Phone: +49 89 665 98 46-0
Fax: +49 89 665 98 46-29

email: info@ggi-spermex.de
Internet: www.ggi-spermex.de