

AMPTELIKE VEILINGSKATALOGUS VIR / OFFICIAL AUCTION CATALOGUE FOR

HEIMAT- CRONCO VEILING

Veilingsdatum / Auction Date:
08 October 2025

Data soos op / Data as on:
05 August 2025



SALES UNDER AUSPICES OF BONSMARA SA

Bonsmara stud breeding is subject to the stipulations of the Livestock Improvement Act and conforms to the standards of Bonsmara SA. The Society therefore has the right to implement certain controls to ensure the accuracy of information regarding Parentage, Performance and Estimated Breeding Values.

Information regarding Parentage, Performance and Estimated Breeding Values of animals, as supplied by the breeder, have been verified and compared to the official database of LOGIX BEEF. Bonsmara SA therefore, confirms the accuracy of such information.

To the knowledge of the Society these controls have been carried out accurately. However, the Society does not take any responsibility for incorrect information through printing errors or incorrect information provided by the breeder.

Animals on such sales have been visually screened by Inspectors of Bonsmara SA and comply with the Bonsmara Minimum Breed Standards as stipulated by the Society.

The Society DOES NOT have any control over:

- Immunization and health status of animals
- Pregnancy status of cows and heifers
- Suitability of a bull for breeding
- Fertility status as well as venereal diseases and
- Commercial animals

Since the above is not classified as information regarding Parentage, Performance and Estimated Breeding Values, it DOES NOT fall within the jurisdiction of the meaning "Under the Auspices of Bonsmara SA".



VEILINGS ONDER BESKERMING VAN BONSMARA SA

Bonsmara stoetteling wat onderhewig is aan die bepalings van die Veeverbeteringswet, vind plaas onder die vaandel van Bonsmara SA. Daarom behou die Genootskap hom die reg voor om kontroles volgens bepaalde prosedures uit te oefen ten opsigte van Ouerskap inligting, Prestasiedata en Beraamde Teelwaardes.

Ouerskap inligting, Prestasiedata en Beraamde Teelwaardes soos deur die teler voorsien vir die doel van hierdie katalogus, is gekontroleer en vergelyk met die amptelike databasis soos gehou deur LOGIX BEEF. Bonsmara SA bevestig dus die korrektheid van sodanige inligting.

Alhoewel die kontroles na die beste wete van die Genootskap gedoen is, kan die Genootskap egter nie verantwoordelik gehou word vir foutiewe inligting as gevolg van drukkersfoute of verkeerde inligting deur die telers verskaf nie.

Diere wat op hierdie veilings aangebied word, is onderwerp aan 'n proses van visuele inspeksie deur Keurders van Bonsmara SA en voldoen aan die Bonsmara Minimum Rasstandaarde soos bepaal deur die Genootskap.

Die Genootskap het egter GEEN beheer oor:

- Immunisering en gesondheidstatus van diere
- Dragtigheidstatus van koeie en verse
- Teelgeskiktheid van bulle
- Vrugbaarheidstatus, asook geslagsiektes en
- Kommersiële diere nie.

Aangesien bogenoemde nie val onder die bedoeling met Ouerskap inligting, Prestasiedata en Beraamde Teelwaardes nie, sorteer dit NIE onder die jurisdiksie van die bedoeling "Onder beskerming van Bonsmara SA" nie.



ANIMAL AND PEDIGREE INFORMATION

LOT 1

THE RED CATTLE FARM

3

ABC 150029

2015-02-03

SP

Parentage

Sire

Dam

DNA

Genomic

DEF 100066 P

DEF 050022

8

GHI 070076 HH(c)

AGE/CALV. 14/10

AVG. Wt/CALV. 92/10

ICP 395

JKL 000077 P

12

MNO 030002

AGE/CALV. 19/10

AVG. Wt/CALV. 109/10

ICP 407

- Lot Number
- Owner of the animal
- Herd's logo (if available)
- Animal Identification Number
- Birth date
- Herd book section - NFR / PEN / F0 / A / B / SP
- Four (4) generation pedigree
- Genomic testing - it is indicated with the GT logo
- Polled Status - the status will only be printed for animals that have been tested
- Parentage Verification - a green tick (✓) indicates that the sire and/or dam has been verified via either microsatellite (DNA), or Genomic testing
- QR Code - This code can be scanned with a smartphone or tablet. It redirects to the animal's information on www.SABeefBulls.com where all information for the animal is available.
- Dam information
 - Age and Number of Calvings
 - Average Wean Index and Number of Calves Weaned
 - Intercalving Period

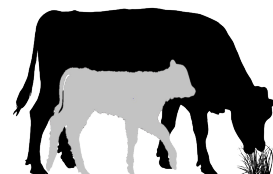
MYOSTATIN STATUS

The animal's status, if tested for myostatin variants, is indicated as follows:

- Not Tested
- 0 - Normal
- 1 - Heterozygous / Carrier of Double-Muscling gene
- 2 - Homozygous / Double-Muscled

LOGIX SELECTION VALUES

Calving Ease Value	Weaner Calf Value	Fertility Value	Maintenance Value	Cow Value	Growth Value	Carcass Value
109	98	111	99	101	98	103
1	2	3	4	5	6	7



2 ♀ GIX Weaner Calf Value

Selection for heavy weaners

Measurements: Weaning weight, Birth weight, and Mature weight
EBVs: Wean direct & maternal, Birth direct & maternal, Mature weight



6 ♀ GIX Growth Value

Selection for efficient growers on veld and in feedlot

Measurements: Phase C and D Growth test traits
EBVs: Weaning weight, End weight, ADG and Intake



7 ♀ GIX Carcass Value

Selection for higher meat yields on a carcass

Measurements: Phase C and D Growth test traits, RTU scanning traits
EBVs: End weight, Eye Muscle Area and Fat

HOW TO USE SELECTION VALUES

Sub-values could also be compatible with your selection goal. Don't select only on the Cow Value

AVERAGE ANIMALS (NO GROWTH EXTREMES)

- Selection Values 90 to 110
- Cow Value & Fertility Value average to high

A safe choice, as animals are profitable in most environments.

GROWERS (GOOD ENVIRONMENT)

- Weaner Calf / Growth Value > 110
- Cow Value & Fertility Value average to high

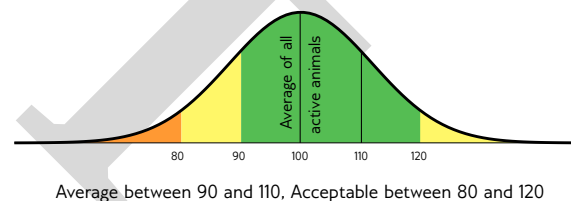
Growers are heavier at birth (lower Calving Ease Value), and heavier at maturity (lower Maintenance Value).

LOW-MAINTENANCE ANIMALS (HARSH ENVIRONMENT)

- Maintenance Value > 110
- Cow Value & Fertility Value average to high

Lighter cows have a lower maintenance (higher Maintenance Value).

INTERPRETATION OF BREEDING VALUE INDICES AND SELECTION VALUES



EXPLANATION OF BREEDING VALUES AND SELECTION VALUES

Traits				Description/Measurement	Goal	General Guidelines						
							<80	<90	90-110	>110	>120	
Selection Values	5	Cow Value	CV	Combination of Calving Ease, Calf Growth, Milk, Maintenance and Fertility Values (Rand-Value)	Profitable Cow	Loss						Profit
	1	Calving Ease Value	CEV	Risk for calving problems (calf too heavy) vs calf too small	Average birth weight	High						Low
		Calf Growth Value	CGrV	Calf's genetic ability for pre-weaning growth	Heavy weaner calf	Light						Heavy
		Milk Value	MlkV	Cow's genetic mothering and milking ability	Enough milk for the calf	Less						More
	4	Maintenance Value	MntV	Maintenance requirements of cow (cow weight and milk)	Low cow maintenance	High					*	Low
	3	Fertility Value	FertV	Fertility and retention of cows and heifers	Fertile cows	Low						High
	2	Weaner Calf Value	WnCV	Combination of calf's weight and cow's milk	Heavy weaner calves	Light						Heavy
	6	Growth Value	GV	Efficient growth on veld and in feedlot (Rand-value)	Profitable growth	Loss						Profit
Cow & Heifer	7	Carcass Value	VarcV	Meat on carcass (Weight and RTU EBVs)	More meat on the carcass	Less						More
		Production Value	PV	Combination of Cow- and Growth values (Rand-value)	Profitable animals	Loss						Profit
	8	Birth Weight Direct	BD	Birth weight (Calf's genetic ability)	Average birth weight	Heavy						Light
		Birth Weight Maternal	BM	Birth weight (Cow's genetic ability)	Easy calving	Heavy						Light
	9	Weaning Weight Direct	WD	Weaning weight (Calf's genetic ability)	Heavy weaner calves	Light						Heavy
	10	Weaning Weight Maternal	WM	Weaning weight (Cow's genetic ability)	Good mothers	Poor						Good
		Mature Cow Weight	MW	Cow weight at weaning of first three calves	Average mature cow weight	Light				*	*	Heavy
		Cow-Calf Birth	CCB	EBV Birth Direct / EBV Mature Cow weight	Average	Low						High
Fertility		Cow-Calf Wean	CCW	EBV Wean Direct / EBV Mature Cow weight	High calf-cow ratio	Low						High
	12	Heifer Fertility	HF	Age at first calving	Fertile heifers	Less						More
	13	Cow Fertility	CFE	First 3 inter-calving periods (ICPs)	Fertile cows	Less						More
	11	Scrotal Circumference	SC	Scrotal circumference as measured during the growth test	Fertile bulls	Less						More
Growth & Frame	14	Longevity	LG	Retention of progeny	Acceptable progeny	Poor						Good
	15	Post-Wean Weight	PWn	12- and 18 month weights	Good post-wean growth	Low					*	High
	16	Average Daily Gain	ADG	Average daily gain	Good growth	Poor						Good
	17	Feed Conversion Ratio	FCR	100g feed intake / g weight gain	Feed efficiency	Poor						Good
		Final Test Weight	FW	Final weight in the growth test	Heavy carcass	Light					*	Heavy
	19	Height	H	Shoulder height in growth test	Average height	Short						Tall
	20	Length	L	Length in growth test	Longer for more muscle	Short						Long
	24	Length-Height Ratio	LH	EBV Length / EBV Height	Longer rather than tall	<1						>1
Carcass	21	Eye Muscle Area	EMA	RTU measured eye muscle area	Bigger steaks	Small						Big
	22	Fat Thickness	Fat	RTU measured P8 backfat thickness	Carcass quality	Thin						Thick
	23	Marbling	Mar	RTU measured % of intra-muscular fat	Juicy meat	Low						High
		Dressing Percentage	D%	Carcass weight / Live weight	High dressing percentage	Low						High

* Determined by own selection goal

GENETIC VALUES - BUILDING BLOCKS

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scrot. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar
99	99	90	97	75	92	85	100	94	93	92	123	110	104	100	79
8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23

The Logix Selection Values are compiled of specific genetic building blocks, as indicated in the selection value descriptions on the previous page. These genetic building blocks are indicated in the catalogue by their Breeding Value Indices.

PHENOTYPIC VALUES

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
109	104	105	122	117	327	1.22
			16	17	11	24

- Wean, 365D, 540D, ADG and FCR Indices - phenotypic index obtained within the animal's contemporary group
- Scrotum - adjusted scrotal circumference, in mm, as measured during the growth test
- Length-Height Ratio (LH) - the animal's length / height ratio as measured during the growth test

BULLS

LOT 1
HEIMAT BONSMARAS



CG 230004
2023-01-08
SP

Parentage Sire Dam

DNA

Genomic



WAT 180418

CG 200030
AGE/CALV. 4/2
AVG. Wt/CALV. 100/1
ICP 454

WAT 150376
AGE/CALV. 11/9
AVG. Wt/CALV. 106/8
ICP 376

AG 140403

GA 170374
AGE/CALV. 8/4
AVG. Wt/CALV. 95/3
ICP 488

WAT 120372
WAT 070115
AGE/CALV. 11/10
AVG. Wt/CALV. 104/10

LAR 090040
WAT 070346
AGE/CALV. 9/6
AVG. Wt/CALV. 100/5

AG 110038
AG 080004
AGE/CALV. 13/11
AVG. Wt/CALV. 93/11

BPJ 090014
WAT 130329
AGE/CALV. 6/2
AVG. Wt/CALV. 99/1

Calving Ease Value 119

Weaner Calf Value 84

Fertility Value 106

Maintenance Value 117

Cow Value 94

Growth Value -

Carcass Value 81

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar
120	85	87	91	102	114	94	84	80	73	85	83	84	84	87	102

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
100	100	100	-	-	-	-

Myostatin

Q204X Not Tested

NT821 Not Tested

F94L Not Tested

REMARKS:

LOGIX EBV Analysis: 2025-07-21

LOT 2
HEIMAT BONSMARAS



CG 230034
2023-05-25
SP

Parentage Sire Dam

DNA

Genomic



WAT 180418

CG 160008
AGE/CALV. 8/5
AVG. Wt/CALV. 106/4
ICP 427

WAT 150376
AGE/CALV. 11/9
AVG. Wt/CALV. 106/8
ICP 376

AG 080311

AG 070332
AGE/CALV. 13/9
AVG. Wt/CALV. 105/9
ICP 415

WAT 120372
WAT 070115
AGE/CALV. 11/10
AVG. Wt/CALV. 104/10

LAR 090040
WAT 070346
AGE/CALV. 9/6
AVG. Wt/CALV. 100/5

JJ 040115
AG 050224
AGE/CALV. 13/10
AVG. Wt/CALV. 89/9

VV 040146
AG 030176
AGE/CALV. 11/7
AVG. Wt/CALV. 96/7

Calving Ease Value 77

Weaner Calf Value 135

Fertility Value 111

Maintenance Value 74

Cow Value 125

Growth Value 117

Carcass Value 124

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar
77	134	107	117	105	115	103	127	117	108	132	118	129	117	93	104

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
123	109	100	-	-	-	-

Myostatin

Q204X Not Tested

NT821 Not Tested

F94L Not Tested

REMARKS:

LOGIX EBV Analysis: 2025-07-21

LOT 3
HEIMAT BONSMARAS



CG 230031
2023-05-16
SP

Parentage Sire Dam

DNA

Genomic



WAT 180418

CG 150005
AGE/CALV. 10/7
AVG. Wt/CALV. 102/5
ICP 418

WAT 150376
AGE/CALV. 11/9
AVG. Wt/CALV. 106/8
ICP 376

AG 080311

AG 070332
AGE/CALV. 13/9
AVG. Wt/CALV. 105/9
ICP 415

WAT 120372
WAT 070115
AGE/CALV. 11/10
AVG. Wt/CALV. 104/10

LAR 090040
WAT 070346
AGE/CALV. 9/6
AVG. Wt/CALV. 100/5

JJ 040115
AG 050224
AGE/CALV. 13/10
AVG. Wt/CALV. 89/9

VV 040146
AG 030176
AGE/CALV. 11/7
AVG. Wt/CALV. 96/7

Calving Ease Value 76

Weaner Calf Value 117

Fertility Value 116

Maintenance Value 78

Cow Value 114

Growth Value 113

Carcass Value 117

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar
78	122	104	113	109	120	103	120	112	106	126	112	120	111	93	103

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
107	100	103	-	-	-	-

Myostatin

Q204X Not Tested

NT821 Not Tested

F94L Not Tested

REMARKS:

LOGIX EBV Analysis: 2025-07-21

BULLE

LOT 4

HEIMAT BONSMARAS



CG 230018
2023-05-01
SP

Ouerskap Vaar Moer

DNS

Genomies

WAT 180418



CG 180018
OUD/KALW. 6/3
GEM. SI/KALW. 102/2
TKP 518

WAT 150376

WAT 140062
OUD/KALW. 11/9
GEM. SI/KALW. 106/8
TKP 376

AG 080311

AG 090429
OUD/KALW. 14/8
GEM. SI/KALW. 100/8
TKP 449

WAT 120372

WAT 070115
OUD/KALW. 11/10
GEM. SI/KALW. 104/10

LAR 090040

WAT 070346
OUD/KALW. 9/6
GEM. SI/KALW. 100/5

JJ 040115

AG 050224
OUD/KALW. 13/10
GEM. SI/KALW. 89/9

CEF 040431

AG 010111
OUD/KALW. 10/7
GEM. SI/KALW. 113/7

Geboortegemak
Waarde
91

Speenkalf
Waarde
113

Vrugbaarheids-
waarde
101

Onderhouds-
waarde
85

Koeiwaarde
109

Groei-
waarde
111

Karkas-
waarde
115

Kalf en Moeder			Vrugbaarheid				Na-Speen Groei			Raam			Karkas		
Geb. Dir.	Spn. Dir.	Spn. Mat.	Skr. Omtr.	Vers Vrugb.	Koei Vrugb.	Lankl.	Na-Speen	GDT	VOV	Volw. Gewig	Hoogte	Lengte	OSO	Vet	Mar
91	115	105	111	93	107	104	116	110	107	116	109	117	109	98	100

Spn. Indeks	365D Indeks	540D Indeks	GDT Indeks	VOV Indeks	Skrotum	LH
104	101	110	-	-	-	-

Miostation	
Q204X	Nie Getoets
NT821	Nie Getoets
F94L	Nie Getoets

OPMERKINGS:

LOGIX EBV Analise: 2025-07-21

LOT 5

HEIMAT BONSMARAS



CG 230012
2023-03-13
SP

Ouerskap Vaar Moer

DNS

Genomies

WAT 180418



CG 180005
OUD/KALW. 6/3
GEM. SI/KALW. 101/2
TKP 497

WAT 150376

WAT 140062
OUD/KALW. 11/9
GEM. SI/KALW. 106/8
TKP 376

AG 080311

AG 070332
OUD/KALW. 13/9
GEM. SI/KALW. 105/9
TKP 415

WAT 120372

WAT 070115
OUD/KALW. 11/10
GEM. SI/KALW. 104/10

LAR 090040

WAT 070346
OUD/KALW. 9/6
GEM. SI/KALW. 100/5

JJ 040115

AG 050224
OUD/KALW. 13/10
GEM. SI/KALW. 89/9

VV 040146

AG 030176
OUD/KALW. 11/7
GEM. SI/KALW. 96/7

Geboortegemak
Waarde
89

Speenkalf
Waarde
109

Vrugbaarheids-
waarde
114

Onderhouds-
waarde
87

Koeiwaarde
112

Groei-
waarde
112

Karkas-
waarde
114

Kalf en Moeder			Vrugbaarheid				Na-Speen Groei			Raam			Karkas		
Geb. Dir.	Spn. Dir.	Spn. Mat.	Skr. Omtr.	Vers Vrugb.	Koei Vrugb.	Lankl.	Na-Speen	GDT	VOV	Volw. Gewig	Hoogte	Lengte	OSO	Vet	Mar
91	113	104	112	108	116	103	113	111	107	113	110	118	109	93	103

Spn. Indeks	365D Indeks	540D Indeks	GDT Indeks	VOV Indeks	Skrotum	LH
93	90	96	-	-	-	-

Miostation	
Q204X	Nie Getoets
NT821	Nie Getoets
F94L	Nie Getoets

OPMERKINGS:

LOGIX EBV Analise: 2025-07-21

Dier Info				Actual Values						Expected Breeding Values											Indices				Dam	
LOT	Animal ID	Sex	SEC	Birth Wt (kg)	205d Wt (kg)	CCB Ratio	CCW Ratio	Length Height Ratio	Scr. Circ. (mm)	Birth Dir (kg)	Birth Mat (kg)	Wean Dir (kg)	Wean Mat (kg)	Post Wean (kg)	Mature Weight. (kg)	ADG (g/d)	FCR (kg:kg)	Scr. Circ. (mm)	Height. (mm)	Length (mm)	Wean	ADG	Scr. Circ.	Avg. Wean Index	Nr. Calves	Repr. Index
Breed Average				37	296	-	-	-	-	0.98	-0.30	14.5	3.6	24	22	77	-36	12.5	-3.0	13.0	105	-	109	102	4.0	100
Auction Average										1.89	-0.04	22.2	4.0	40	43	100	-36	17.6	2	25						
1	CG 230004	M	SP	33	227	-	-	-	-	-1.07	-0.20	6.3	-0.6	10.8	0.0	1	8	7	-16	-1	100	-	91	100	2	106
2	CG 230034	M	SP	41	358	-	-	-	-	3.42	0.04	33.4	5.8	55.0	69.3	141	-50	22.5	11	39	123	-	117	106	5	99
3	CG 230031	M	SP	41	315	-	-	-	-	3.28	0.16	26.8	4.7	47.2	60.1	123	-46	20	6	31	107	-	113	102	7	108
4	CG 230018	M	SP	36	303	-	-	-	-	1.88	-0.20	22.8	5.3	44.2	45.5	115	-47	19	4	29	104	-	111	102	3	93
5	CG 230012	M	SP	36	276	-	-	-	-	1.94	0.00	21.9	4.8	40.9	41.7	119	-47	19.5	5	29	93	-	112	101	3	93

EXPLANATION OF CATALOGUE ABBREVIATIONS

VERDUIDELIKING VAN KATALOGUS AFKORTINGS

Lot Number	LOT	LOT	Lot Nommer
Estimated breeding value	EBV	EBV	Beraamde teelwaarde
Parentage verification	Parentage	Ouerskap	Ouerskap verifikasie
Age in years / Number of calvings	AGE. / CALV.	OUD. / KALF.	Ouderdom in jaar / Aantal kalwings
Average Wean index / Number of calves weaned	Ave WI / CALV.	GEM SI / KALF.	Gemiddelde speen indeks / Aantal kalwers gespeen
Animal identification number	ID	ID	Dier se identifikasie nommer
Herd Book Section	SEC	AFD	Kuddeboek Afdeling
Herd Book Section: Pending Registration	PEN	PEN	Kuddeboek Afdeling: Wag vir Registrasie
Herd Book Section: Not for Registration	NFR	NFR	Kuddeboek Afdeling: Nie vir Registrasie
Herd Book Section: Foundation Generation	FO	FO	Kuddeboek Afdeling: Fondasie Generasie
Herd Book Section: Appendix A	A	A	Kuddeboek Afdeling: Aanhangsel A
Herd Book Section: Appendix B	B	B	Kuddeboek Afdeling: Aanhangsel B
Herd Book Section: Studbook Proper, a registered animal	SP	SP	Kuddeboek Afdeling: Studbook Proper, 'n geregistreerde dier
Genomically Tested	GT	GT	Genomies Getoets
Homozygous Horned (Celtic test)	HH(c)	HH(c)	Homosigoties horings (Celtic toets)
Homozygous Polled (Celtic test)	PP(c)	PP(c)	Homosigotiets Poena (Celtic toets)
Heterozygous Polled (Celtic test)	Pp(c)	Pp(c)	Heterosigoties Poena (Celtic toets)
Phenotypically Polled	P	P	Fenotopies Poena
Intercalving Period	ICP	TKP	Tussen-Kalf Periode
Birth Direct breeding value	Birth Dir.	Geb. Dir	Geboorte Direk teelwaarde
Wean Direct breeding value	Wean Dir.	Spn. Dir.	Speen Direk teelwaarde
Wean Maternal breeding value	Wean Mat.	SPn. Mat.	Speen Maternaal teelwaarde
Scrotal Circumference	Scr. Circ.	Skr. Omt.	Skrotum omtrek
Heifer Fertility	Heifer Fert.	Vers Vrugb.	Vers Vrugbaarheid
Cow Fertility	Cow Fert.	Koei Vrugb.	Koei Vrugbaarheid
Longevity	Longev.	Lankl.	Lanklewendheid
Mature Weight	Mat. Wt.	Volw. Gewig	Volwasse gewig
Average Daily Gain (g/day)	ADG	GDT	Gemiddelde Daaglikse Toename
Feed Conversion Ratio (kg:kg)	FCR	VOV	Voeromset Verhouding
Eye Muscle Area	EMA	OSO	Oogspier grootte
Backfat Thickness	Fat	Vet	Rugvet Diepte
Marbeling (intra-muscular fat)	Mar	Mar	Marmering (binne-spierse vet)
365-day weight index	365D Index	365D Indeks	365-dae gewig indeks
540-day weight index	540D Index	540D Indeks	540-dae gewig indeks
Length-Height ratio	LH	LH	Lengte-Hoogte Verhouding
Actual Birth weight	Birth Wt.	Geb. gewig	Werklike Geboorte gewig
205-day Dam-age corrected weight	205d Wt.	205d gewig	205-dag Moeder-ouderdom gekorrigeerde gewig
Cow-Calf Birth Ratio	CCG	KKG	Koei-Kalf Geboorte Verhouding
Cow-Calf Wean Ratio	CCW	KKS	Koei-Kalf Speen Verhouding
Average Weaning Index	Avg. Wean Index	Gem. Spn. Indeks	Gemiddelde speen indeks
Number of Calves	Nr. Calves	Aant. Kalw.	Aantal kalwers
Reproduction Index	Repr. Index	Repr. Indeks	Reproduksie indeks
Animal sex: M - Male, F - Female	M / F	M / V	Dier geslag: M - Manlik, V - Vroulik