

AMPTELIKE VEILINGSKATALOGUS VIR / OFFICIAL AUCTION CATALOGUE FOR

GEORGE CORRECTIONS DESIGN

Veilingsdatum / Auction Date:
30 April 2024

Data soos op / Data as on:
16 April 2024



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
1

THE RED CATTLE FARM
2

3

ABC 150029
4

2015-02-03
5

SP
6

Parentage Sire Dam

DNA
✓

Genomic
✓

DEF 100066 P



DEF 050022
7

GHI 070076 HH(c)
8

AGE/CALV. 14/10
AVG. Wt/CALV. 92/10
ICP 395

JKL 000077 P

ABC 080011

AGE/CALV. 13/9
AVG. Wt/CALV. 105/9
ICP 417

MNO 030002
12

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 smart device. 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

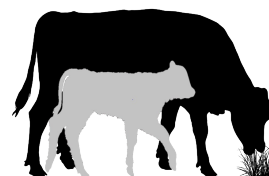
MYOSTATIN STATUS

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

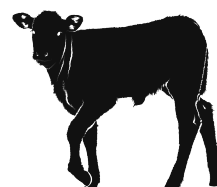


5 L♀ GIX Cow Value

Selection of:

- Fertile cows,
- with low maintenance,
- that calf easily,
- and wean heavy calves

- 1 Calving Ease Value EBVs Birth Direct & Maternal
- Calf Growth Value EBV Wean Direct
- 3 Fertility Value EBVs Cow & Heifer Fertility, EBV Longevity
- Milk Value EBV Wean Maternal
- 4 Maintenance Value EBVs Mature weight & Milk



2 L♀ GIX Weaner Calf Value

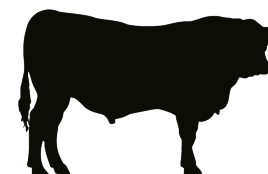
Selection of:

- Heavier weaning weights,
- with more milk,
- but restricted birth weight



7 L♀ GIX Carcass Value

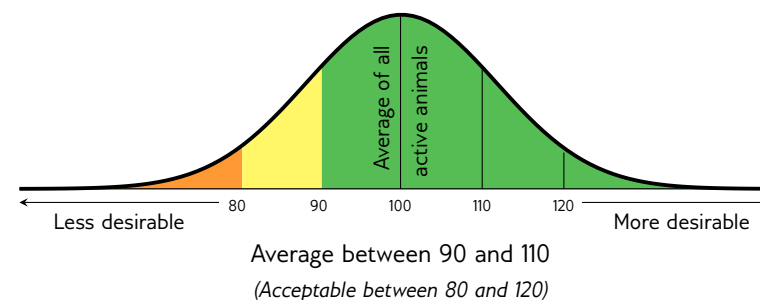
Selection for higher meat yield on carcass



6 L♀ GIX Growth Value

Selection of efficient growers on veld & in the feedlot

INTERPRETATION OF BREEDING VALUE INDICES



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	
	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		
Cow & Heifer	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	
	18	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	
	Cow-Calf Wean	CCW	EBV Wean Direct / EBV Mature Cow weight	High calf-cow ratio	Low				High		
Fertility	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	
	14	Longevity	LG	Retention of progeny	Acceptable progeny	Poor				Good	
Growth & Frame	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 / Hip 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

COWS

LOT 1
MOTHOPO BONSMARAS

AH 190084
 2019-09-26
 B
 AGE/CALV. 4/2
 AVG. Wt/CALV. 100/2
 ICP 419



AH 080023
 AGE/CALV. 12/9
 AVG. Wt/CALV. 104/8
 ICP 436

Parentage Sire Dam
 DNA ☒
 Genomic

SYF 120042

SYF 070104
 AGE/CALV. 14/12
 AVG. Wt/CALV. 98/10
 ICP 367

SYF 150097 HH(c)

SYF 070036
 SYF 060149
 AGE/CALV. 7/6
 AVG. Wt/CALV. 101/7
 ADV 030016
 SYF 000059
 AGE/CALV. 15/12
 AVG. Wt/CALV. 101/12

Calving Ease Value 113	Weaner Calf Value 105	Fertility Value 115	Maintenance Value 95	Cow Value 112	Growth Value 109	Carcass Value 111
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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
108	110	80	101	108	109	113	109	109	100	105	99	114	126	91	82

Wean Index 114	365D Index 111	540D Index 112	ADG Index -	FCR Index -	LH -
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Last Calf
 Calf ID MBW 230005 (M)
 Birth Date 2023-07-19
 Sire ID

Myostatin
 Q204X Not Tested
 NT821 Not Tested
 F94L Not Tested

REMARKS:


EBV Analysis: 2024-04-21

LOT 2
MOTHOPO BONSMARAS

AH 190085
 2019-09-26
 SP
 AGE/CALV. 4/2
 AVG. Wt/CALV. 100/1
 ICP 370



AH 150034
 AGE/CALV. 6/4
 AVG. Wt/CALV. 100/4
 ICP 401

Parentage Sire Dam
 DNA ☒
 Genomic

SYF 120042

SYF 070104
 AGE/CALV. 14/12
 AVG. Wt/CALV. 98/10
 ICP 367

SYF 150097 HH(c)

SYF 070036
 SYF 060149
 AGE/CALV. 7/6
 AVG. Wt/CALV. 101/7
 ADV 030016
 SYF 000059
 AGE/CALV. 15/12
 AVG. Wt/CALV. 101/12
 GCD 050148
 LAR 050073
 AGE/CALV. 13/10
 AVG. Wt/CALV. 100/8

Calving Ease Value 117	Weaner Calf Value 90	Fertility Value 94	Maintenance Value 117	Cow Value 91	Growth Value 96	Carcass Value 96
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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
113	91	74	91	89	96	110	93	97	96	87	81	97	114	97	96

Wean Index 99	365D Index 91	540D Index 101	ADG Index -	FCR Index -	LH -
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Last Calf
 Calf ID MBW 230008 (M)
 Birth Date 2023-09-29
 Sire ID

Myostatin
 Q204X Not Tested
 NT821 Not Tested
 F94L Not Tested

REMARKS:


EBV Analysis: 2024-04-21

LOT 3
MOTHOPO BONSMARAS

AH 190160
 2019-11-07
 SP
 AGE/CALV. 4/2
 AVG. Wt/CALV. 100/2
 ICP 412



AG 130052
 AGE/CALV. 10/6
 AVG. Wt/CALV. 91/5
 ICP 377

Parentage Sire Dam
 DNA
 Genomic

LAR 120033

LAR 100159
 AGE/CALV. 13/10
 AVG. Wt/CALV. 106/10
 ICP 381

LAR 140173 HH(c)

LAR 070055
 LAR 090199
 AGE/CALV. 6/3
 AVG. Wt/CALV. 104/3
 LAR 080054
 LAR 020268
 AGE/CALV. 17/14
 AVG. Wt/CALV. 104/13
 CEF 990259
 CEF 000050
 AGE/CALV. 14/12
 AVG. Wt/CALV. 102/12
 AG 980338
 AG 970277
 AGE/CALV. 14/12
 AVG. Wt/CALV. 106/10

Calving Ease Value 97	Weaner Calf Value 99	Fertility Value 124	Maintenance Value 96	Cow Value 111	Growth Value 113	Carcass Value 103
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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
98	110	79	96	121	110	114	116	109	103	103	73	97	127	56	91

Wean Index 96	365D Index 96	540D Index 92	ADG Index -	FCR Index -	LH -
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Myostatin
 Q204X Not Tested
 NT821 Not Tested
 F94L Not Tested

REMARKS:


EBV Analysis: 2024-04-21

KOEIE

LOT 4

MOTHOPO BONSMARAS

AH 190183

2019-12-01
SP

ODU/KALW. 4/1
GEM. SI/KALW. -/-
TKP -

Ouerskap Vaar Moer

DNS

Genomies



AH 140108

ODU/KALW. 9/8
GEM. SI/KALW. 102/6
TKP 368

LAR 120033

LAR 100159

ODU/KALW. 13/10
GEM. SI/KALW. 106/10
TKP 381

AG 090094

AH 120022

ODU/KALW. 5/2
GEM. SI/KALW. 106/2
TKP 701

LAR 070055

LAR 090199

ODU/KALW. 6/3
GEM. SI/KALW. 104/3

LAR 080054

AG 020268

ODU/KALW. 17/14
GEM. SI/KALW. 104/13

WBB 070035

AG 020194

ODU/KALW. 14/13
GEM. SI/KALW. 97/11

AG 020251

AH 040091

ODU/KALW. 11/5
GEM. SI/KALW. 105/5

Geboortegemak
Waarde
102

Speenkalf
Waarde
109

Vrugbaarheids-
waarde
95

Onderhouds-
waarde
95

Koeiwaarde
104

Groei-
waarde
121

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
105	110	98	114	91	94	114	116	118	110	103	85	110	131	76	97

Spn. Indeks	365D Indeks	540D Indeks	GDT Indeks	VOV Indeks	LH
105	99	90	-	-	-

Miostation

Q204X	Nie Getoets
NT821	Nie Getoets
F94L	Nie Getoets

OPMERKINGS:

LOGIX EBV Analise: 2024-04-21

LOT 5

MOTHOPO BONSMARAS

AH 190192

2019-12-25
B

ODU/KALW. 4/2
GEM. SI/KALW. -/-
TKP 310

Ouerskap Vaar Moer

DNS

Genomies

SYF 130233



GEL 100125

ODU/KALW. 13/11
GEM. SI/KALW. 96/10
TKP 371

SYF 090010

SYF 100012

ODU/KALW. 14/12
GEM. SI/KALW. 101/11
TKP 370

ADV 050053

GEL 040021

ODU/KALW. 8/5
GEM. SI/KALW. 95/5
TKP 472

SYF 040160

SYF 060173

ODU/KALW. 6/3
GEM. SI/KALW. 102/3

AG 060139

LAR 030299

ODU/KALW. 11/8
GEM. SI/KALW. 96/7

LAR 000265

AG 910100

ODU/KALW. 19/15
GEM. SI/KALW. 100/15

Geboortegemak
Waarde
101

Speenkalf
Waarde
75

Vrugbaarheids-
waarde
110

Onderhouds-
waarde
122

Koeiwaarde
88

Groei-
waarde
60

Karkas-
waarde
65

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
98	80	79	91	110	108	99	78	65	83	82	64	68	73	100	96

Spn. Indeks	365D Indeks	540D Indeks	GDT Indeks	VOV Indeks	LH
93	97	91	-	-	-

Laaste Kalf

Kalf ID	MBW 230006 (M)
Geb. dtm.	2023-08-14
Vaar ID	MULTIPLE SIRES

Miostation

Q204X	Nie Getoets
NT821	Nie Getoets
F94L	Nie Getoets

OPMERKINGS:

LOGIX EBV Analise: 2024-04-21

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 Auction Average				34	239	5.94	41.4	-	-	1.09 0.61	-0.23 -0.52	14.5 14.7	3.9 -1.3	24 28	10 5	109 108	-49 -46	12.0 11.2	1.0 -15	16.0 12	101	-	99	99	8.0	107
1	AH 190084	F	B	33	268	5.06	50.5	-	-	0.27	-1.16	19.0	-1.8	34.6	15.1	155	-50	12.7	0	34	114	-	101	104	9	100
2	AH 190085	F	SP	30	234	6.12	52.8	-	-	-0.32	-0.99	10.5	-3.7	21.5	-4.4	92	-41	6.2	-15	12	99	-	91	100	4	114
3	AH 190160	F	SP	35	234	6.25	34.3	-	-	1.31	-0.13	19.3	-2.0	38.2	13.1	153	-54	9.7	-21	12	96	-	96	91	6	96
4	AH 190183	F	SP	35	251	6.23	35.7	-	-	0.52	0.36	19.1	3.3	37.7	13.1	200	-68	21.2	-12	28	105	-	114	102	8	117
5	AH 190192	F	B	35	210	6.02	33.6	-	-	1.27	-0.69	5.4	-2.1	9.0	-9.6	-62	-17	6.3	-29	-25	93	-	91	96	11	110

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