

AMPTELIKE VEILINGSKATALOGUS VIR / OFFICIAL AUCTION CATALOGUE FOR

SPENGLER & KORTKLOOF BONSMARAS

Veilingsdatum / Auction Date:
01 November 2023

Data soos op / Data as on:
24 October 2023



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

JKL 000077 P

ABC 080011

MNO 030002
12

- 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

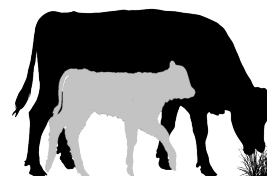
MYOSTATIN STATUS

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

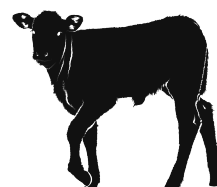


5 L♀ GIX Cow Value

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

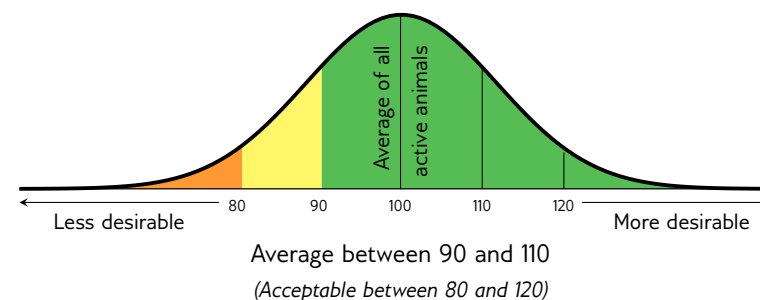
Selection for higher meat yield on carcass



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

BULLS

LOT 1

SPENGLER BONSMARAS



WS 200321 Pp(c)

2020-12-28

B

Parentage

Sire

Dam

DNA

Genomic



HS 130169

WS 130377

AGE/CALV. 10/2

AVG. Wt/CALV. 104/2

ICP 403

HDT 090002

HS 080027

AGE/CALV. 11/8

AVG. Wt/CALV. 108/8

ICP 403

HDT 060002 Pp(c)

HDT 060054

AGE/CALV. 9/5

AVG. Wt/CALV. 102/5

PER 000077

HS 030171

AGE/CALV. 10/5

AVG. Wt/CALV. 102/4

Calving Ease Value

99

Weaner Calf Value

105

Fertility Value

104

Maintenance Value

92

Cow Value

106

Growth Value

101

Carcass Value

107

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

101

103

110

97

106

109

90

103

102

103

106

111

109

103

109

109

Wean Index

365D Index

540D Index

ADG Index

FCR Index

Scrotum

LH

102

105

98

-

-

-

-

Myostatin

Q204X

0

NT821

0

F94L

0

REMARKS: Hoog in melk, Speen en groei

LOGIX EBV Analysis: 2023-10-25

LOT 2

KORTKLOOF BONSMARAS



HS 190016

2019-02-16

SP

Parentage

Sire

Dam

DNA

Genomic



HS 120116

AGE/CALV. 11/7

AVG. Wt/CALV. 106/7

ICP 456

LAR 000084

HS 120114

AGE/CALV. 11/9

AVG. Wt/CALV. 103/7

ICP 394

JJ 050056

HS 070057

AGE/CALV. 10/7

AVG. Wt/CALV. 96/7

ICP 444

AG 960059

LAR 970205

AGE/CALV. 14/8

AVG. Wt/CALV. 104/7

VV 050378 P

HS 100051

AGE/CALV. 13/8

AVG. Wt/CALV. 95/8

JJ 020019

JJ 010093

AGE/CALV. 5/2

AVG. Wt/CALV. 116/2

VV 010061

HS 020167

AGE/CALV. 11/6

AVG. Wt/CALV. 98/6

Calving Ease Value

90

Weaner Calf Value

93

Fertility Value

100

Maintenance Value

88

Cow Value

92

Growth Value

101

Carcass Value

105

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

90

100

104

106

92

102

113

105

102

106

112

104

106

100

103

109

Wean Index

365D Index

540D Index

ADG Index

FCR Index

Scrotum

LH

111

96

90

-

-

-

-

Myostatin

Q204X

0

NT821

0

F94L

0

REMARKS: Hoog in melk

LOGIX EBV Analysis: 2023-10-25

LOT 3

KORTKLOOF BONSMARAS



HS 210058

2021-02-23

SP

Parentage

Sire

Dam

DNA

Genomic



LAR 000084

HS 150211

AGE/CALV. 8/5

AVG. Wt/CALV. 96/5

ICP 460

LAR 000084

LAR 970205

AGE/CALV. 14/8

AVG. Wt/CALV. 104/7

ICP 396

HS 110077

HS 120128

AGE/CALV. 10/7

AVG. Wt/CALV. 108/7

ICP 448

GB N 0004

AG 910220

AGE/CALV. 12/8

AVG. Wt/CALV. 108/7

AG 920097

LAR 910113

AGE/CALV. 12/10

AVG. Wt/CALV. 103/9

JMP 030268

HS 080027

AGE/CALV. 11/8

AVG. Wt/CALV. 108/8

HDT 090002

HS 090038

AGE/CALV. 10/7

AVG. Wt/CALV. 100/5

Calving Ease Value

99

Weaner Calf Value

95

Fertility Value

101

Maintenance Value

92

Cow Value

93

Growth Value

105

Carcass Value

108

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

94

104

87

104

100

103

100

105

109

116

108

107

102

96

113

106

Wean Index

365D Index

540D Index

ADG Index

FCR Index

Scrotum

LH

100

102

99

-

-

-

-

Myostatin

Q204X

0

NT821

0

F94L

0

REMARKS: Baie gemiddelde bul

LOGIX EBV Analysis: 2023-10-25

BULLE

LOT 4

KORTKLOOF BONSMARAS

HS 210065
2021-04-14
SP

Ouerskap Vaar Moer

DNS

Genomies

LAR 000084

HS 130135
OUD/KALW. 10/6
GEM. SI/KALW. 99/6
TKP 489

AG 960059

LAR 970205
OUD/KALW. 14/8
GEM. SI/KALW. 104/7
TKP 396

HDT 090002

HS 080065
OUD/KALW. 11/9
GEM. SI/KALW. 100/9
TKP 396

GB N 0004

AG 910220
OUD/KALW. 12/8
GEM. SI/KALW. 108/7

AG 920097

LAR 910113
OUD/KALW. 12/10
GEM. SI/KALW. 103/9

HDT 060002 Pp(c)

HDT 060054
OUD/KALW. 9/5
GEM. SI/KALW. 102/5

PER 000077

Geboortegemak
Waarde
97Speenkalv
Waarde
86Vrugbaarheids-
waarde
92Onderhouds-
waarde
89Koeiwaarde
82Groei-
waarde
102Karkas-
waarde
103

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
93	92	100	97	95	94	99	96	106	110	111	104	99	97	108	105

Spn. Indeks	365D Indeks	540D Indeks	GDT Indeks	VOV Indeks	Skrotum	LH
101	100	95	-	-	-	-

Miostatien	
Q204X	0
NT821	0
F94L	0

OPMERKINGS: Hoog in melk en groei

LOGIX EBV Analise: 2023-10-25

LOT 5

KORTKLOOF BONSMARAS

HS 210061
2021-03-13
SP

Ouerskap Vaar Moer

DNS

Genomies

LAR 000084

HS 170264
OUD/KALW. 5/4
GEM. SI/KALW. 103/3
TKP 329

AG 960059

LAR 970205
OUD/KALW. 14/8
GEM. SI/KALW. 104/7
TKP 396

HS 110077

HS 140272 Pp(c)
OUD/KALW. 9/6
GEM. SI/KALW. 93/6
TKP 481

GB N 0004

AG 910220
OUD/KALW. 12/8
GEM. SI/KALW. 108/7

AG 920097

LAR 910113
OUD/KALW. 12/10
GEM. SI/KALW. 103/9

JMP 030268

HS 080027
OUD/KALW. 11/8
GEM. SI/KALW. 108/8

HDT 090002

HS 050031
OUD/KALW. 14/9
GEM. SI/KALW. 108/9Geboortegemak
Waarde
105Speenkalv
Waarde
91Vrugbaarheids-
waarde
104Onderhouds-
waarde
91Koeiwaarde
94Groei-
waarde
101Karkas-
waarde
104

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
99	96	94	101	106	103	96	102	105	114	108	103	98	93	112	103

Spn. Indeks	365D Indeks	540D Indeks	GDT Indeks	VOV Indeks	Skrotum	LH
108	107	102	-	-	-	-

Miostatien	
Q204X	0
NT821	0
F94L	0

OPMERKINGS: Kalwingsgemak, Vrugbaarheid en groei

LOGIX EBV Analise: 2023-10-25

LOT 6

SPENGLER BONSMARAS

WS 210341
2021-04-02
B

Ouerskap Vaar Moer

DNS

Genomies

HS 170252

WS 100355
OUD/KALW. 13/2
GEM. SI/KALW. 100/2
TKP 405

CSW 050024

HS 090008
OUD/KALW. 13/8
GEM. SI/KALW. 101/7
TKP 520

BG 020058 Pp(c)

CSW 030019
OUD/KALW. 14/11
GEM. SI/KALW. 105/10

JPL 030075 P

HS 990001
OUD/KALW. 11/2
GEM. SI/KALW. 100/1Geboortegemak
Waarde
109Speenkalv
Waarde
102Vrugbaarheids-
waarde
95Onderhouds-
waarde
107Koeiwaarde
102Groei-
waarde
87Karkas-
waarde
93

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
108	96	103	91	99	99	89	92	92	90	92	98	100	98	98	100

Spn. Indeks	365D Indeks	540D Indeks	GDT Indeks	VOV Indeks	Skrotum	LH
100	99	97	-	-	-	-

Miostatien	
Q204X	1
NT821	0
F94L	0

OPMERKINGS: Kalwingsgemak, Hoog in melk, Idiaal vir vervangingsverse

LOGIX EBV Analise: 2023-10-25

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				38	221	-	48.5	-	-	1.09	-0.22	14.5	3.9	23	10	107	-49	11.8								
										1.34	-0.60	13.7	3.8	27	17	120	-61	11.5	5	18	104	-	99	101	4.0	97
1	WS 200321	M	B	37	234	-	61	-	-	1.01	-0.01	15.8	6.8	28.5	16.5	119	-54	9.8	10	27	102	-	97	104	2	82
2	HS 190016	M	SP	41	154	-	39.1	-	-	2.10	-0.18	14.4	4.9	30.0	23.4	119	-60	16	5	23	111	-	106	106	7	96
3	HS 210058	M	SP	37	240	-	47.1	-	-	1.70	-0.98	16.1	0.0	30.4	18.4	150	-79	14.2	7	18	100	-	104	96	5	101
4	HS 210065	M	SP	41	220	-	48.8	-	-	1.88	-0.98	10.7	3.9	24.1	22.0	136	-68	10	4	14	101	-	97	99	6	91
5	HS 210061	M	SP	36	254	-	40	-	-	1.15	-1.10	12.5	2.3	28.4	19.3	132	-75	12.7	4	13	108	-	101	103	4	118
6	WS 210341	M	B	35	224	-	54.8	-	-	0.23	-0.38	12.6	4.7	20.5	1.1	66	-29	6.2	-0	15	100	-	91	100	2	92

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-spiers 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