

AMPTELIKE VEILINGSKATALOGUS VIR / OFFICIAL AUCTION CATALOGUE FOR

MAZEL BONSMARAS - VROULIK

Veilingsdatum / Auction Date:
29 September 2023

Data soos op / Data as on:
19 September 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

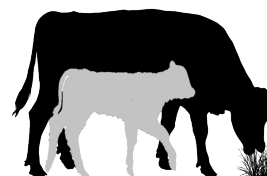
MYOSTATIN STATUS

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

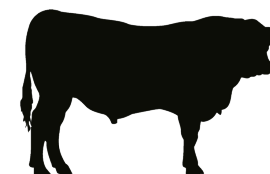
Selection of:

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



7 L♀ GIX Carcass Value

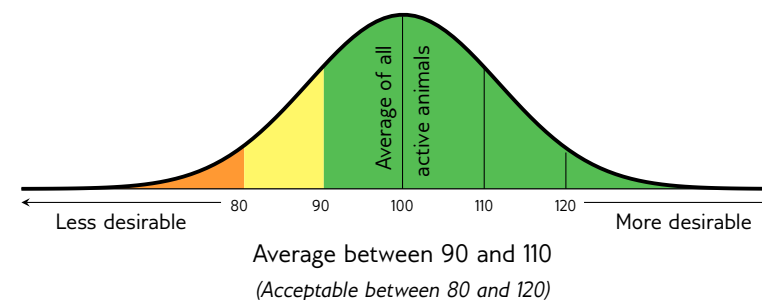
Selection for higher meat yield on carcass



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	
	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

PREGNANT HEIFERS

LOT 43 *HANSU BONSMARA STOET*

HJS 210177
2021-09-20
SP

Parentage Sire Dam

DNA

Genomic



HJS 180027

HJS 150080
AGE/CALV. 5/2
AVG. Wt/CALV. 116/1
ICP 400

FCT 050127

HJS 140267
AGE/CALV. 9/6
AVG. Wt/CALV. 103/5
ICP 446

HJS 070133
AGE/CALV. 8/5
AVG. Wt/CALV. 112/5
ICP 412

HJS 110365

HJS 130082
AGE/CALV. 10/8
AVG. Wt/CALV. 107/7

CSW 010022

FCT 010064
AGE/CALV. 11/9
AVG. Wt/CALV. 103/10

HP 010080

HJS 980051
AGE/CALV. 10/7
AVG. Wt/CALV. 102/6

Calving Ease Value 86	Weaner Calf Value 116	Fertility Value 88	Maintenance Value 90	Cow Value 103	Growth Value 107	Carcass Value 116
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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
91	114	119	104	84	98	105	115	110	103	109	106	114	112	109	113

Wean Index 99	365D Index 103	540D Index 96	ADG Index -	FCR Index -	LH -
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Myostatin

Q204X Not Tested

NT821 Not Tested

F94L Not Tested

REMARKS: 3.5 Maande dragtig

LOGIX EBV Analysis: 2023-09-19

LOT 44 *HANSU BONSMARA STOET*

HJS 210178
2021-09-20
SP

Parentage Sire Dam

DNA

Genomic



HJS 160546

HJS 140046
AGE/CALV. 7/3
AVG. Wt/CALV. 110/3
ICP 457

FCT 090082

HJS 150062
AGE/CALV. 8/6
AVG. Wt/CALV. 98/6
ICP 378

HJS 110176
AGE/CALV. 6/4
AVG. Wt/CALV. 106/5
ICP 379

JMP 050276

HJS 040008
AGE/CALV. 13/10
AVG. Wt/CALV. 106/10

HJS 110470

HJS 100284
AGE/CALV. 9/7
AVG. Wt/CALV. 99/6

BG 060002

FCT 050091
AGE/CALV. 11/6
AVG. Wt/CALV. 103/5

HJS 070016

HJS 010041
AGE/CALV. 14/12
AVG. Wt/CALV. 107/12

Calving Ease Value 94	Weaner Calf Value 121	Fertility Value 109	Maintenance Value 113	Cow Value 121	Growth Value 102	Carcass Value 114
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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
95	116	100	104	97	111	114	110	107	105	89	100	105	102	118	112

Wean Index 101	365D Index 101	540D Index 102	ADG Index -	FCR Index -	LH -
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Myostatin

Q204X Not Tested

NT821 Not Tested

F94L Not Tested

REMARKS: 2.5 Maande dragtig

LOGIX EBV Analysis: 2023-09-19

LOT 45 *BOONS BOERDERY CC*



JHB 200149 Pp(c)
2020-12-15
SP

Parentage Sire Dam

DNA ✓

Genomic



AEJ 070201

EI 040221
AGE/CALV. 12/9
AVG. Wt/CALV. 107/8
ICP 392

LAR 080290

JHB 130029
AGE/CALV. 9/7
AVG. Wt/CALV. 109/6
ICP 395

HDT 040240
AGE/CALV. 12/7
AVG. Wt/CALV. 102/7
ICP 436

JJF 000131

AEJ 010125
AGE/CALV. 11/8
AVG. Wt/CALV. 102/8

EI 000109

EI 000167
AGE/CALV. 13/9
AVG. Wt/CALV. 99/7

LAR 050156

LAR 040057
AGE/CALV. 13/10
AVG. Wt/CALV. 96/9

LES 990054

HDT 000277
AGE/CALV. 6/2
AVG. Wt/CALV. 107/2

Calving Ease Value 75	Weaner Calf Value 111	Fertility Value 109	Maintenance Value 84	Cow Value 105	Growth Value 103	Carcass Value 112
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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
76	125	95	127	100	112	105	124	106	107	118	113	109	110	103	95

Wean Index 101	365D Index 105	540D Index 98	ADG Index -	FCR Index -	LH -
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Myostatin

Q204X Not Tested

NT821 Not Tested

F94L Not Tested

REMARKS: 8 Maande dragtig

LOGIX EBV Analysis: 2023-09-19

DRAGTIGE VERSE

LOT 46
RASLOU BONSMARAS

RSL 200183
2020-10-18
SP

Ouerskap **Vaar** **Moer**

DNS

Genomies



RSL 130171

AEJ 090004
[]

RSL 100199
OUD/KALW. 7/5
GEM. SI/KALW. 114/4
TKP 413

LES 110042
[]

RSL 170172
OUD/KALW. 5/3
GEM. SI/KALW. 93/3
TKP 490

RSL 100230
OUD/KALW. 12/10
GEM. SI/KALW. 101/9
TKP 390

AG 020251
[]

AEJ 060105
OUD/KALW. 11/9
GEM. SI/KALW. 99/8

HJS 060359
[]

RSL 080064
OUD/KALW. 14/10
GEM. SI/KALW. 109/10

LES 090023
[]

LES 080079
OUD/KALW. 11/6
GEM. SI/KALW. 100/4

AEJ 010127
[]

RSL 050157
OUD/KALW. 13/10
GEM. SI/KALW. 105/10

Geboortegemak Waarde
94

Speenkalf Waarde
116

Vrugbaarheids-waarde
102

Onderhouds-waarde
101

Koeiwaarde
114

Groei-waarde
108

Karkas-waarde
112

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
97	109	120	120	102	97	108	120	109	107	96	102	106	109	111	113

Spn. Indeks	365D Indeks	540D Indeks	GDT Indeks	VOV Indeks	LH
95	122	91	-	-	-

Miostation	
Q204X	Nie Getoets
NT821	Nie Getoets
F94L	Nie Getoets

OPMERKINGS: 7 Maande dragtig van LFR 19-105

LOGIX EBV Analise: 2023-09-19

LOT 47
G.J. STRYDOM

GJS 200049
2020-11-08
SP

Ouerskap **Vaar** **Moer**

DNS ✓

Genomies



KBS 160132 HH(c)

KBS 120142
OUD/KALW. 10/9
GEM. SI/KALW. 100/9
TKP 372

AG 110038
[]

GJS 160035
OUD/KALW. 7/3
GEM. SI/KALW. 117/2
TKP 463

GJS 080011
OUD/KALW. 15/10
GEM. SI/KALW. 103/9
TKP 465

CEF 100304 HH(c)
[]

KBS 160132 HH(c)
[]

WJK 070028
[]

BZK 020026
OUD/KALW. 12/10
GEM. SI/KALW. 99/9

AG 060027
[]

AG 060106
OUD/KALW. 12/8
GEM. SI/KALW. 104/7

GJS 050052
[]

GJS 040005
OUD/KALW. 9/5
GEM. SI/KALW. 99/5

Geboortegemak Waarde
119

Speenkalf Waarde
98

Vrugbaarheids-waarde
121

Onderhouds-waarde
109

Koeiwaarde
116

Groei-waarde
90

Karkas-waarde
94

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
117	90	99	93	110	108	123	87	93	98	91	80	90	95	112	105

Spn. Indeks	365D Indeks	540D Indeks	GDT Indeks	VOV Indeks	LH
114	94	97	-	-	-

Miostation	
Q204X	Nie Getoets
NT821	Nie Getoets
F94L	Nie Getoets

OPMERKINGS: 7 Maande dragtig van EDK 17-086, GJS 20-045, HP 21-246

LOGIX EBV Analise: 2023-09-19

KOEIE MET KALWERS

LOT 48
RASLOU BONSMARAS

RSL 200157
2020-10-03
SP
OUD/KALW. 2/1
GEM. SI/KALW. -/-
TKP -

Ouerskap **Vaar** **Moer**

DNS

Genomies



RSL 150020

HJS 070170
[]

RSL 070047
OUD/KALW. 15/12
GEM. SI/KALW. 97/12
TKP 368

RCO 030010
[]

RSL 120049
OUD/KALW. 11/8
GEM. SI/KALW. 98/9
TKP 398

RSL 080064
OUD/KALW. 14/10
GEM. SI/KALW. 109/10
TKP 445

AEJ 030141
[]

HJS 030218
OUD/KALW. 14/11
GEM. SI/KALW. 104/10

AEJ 010127
[]

RSL 970210
OUD/KALW. 12/4
GEM. SI/KALW. 100/4

RCO 980037
[]

RCO 980171
OUD/KALW. 11/4
GEM. SI/KALW. 105/3

AEJ 030062
[]

MMJ 010251
OUD/KALW. 15/12
GEM. SI/KALW. 100/11

Geboortegemak Waarde
131

Speenkalf Waarde
116

Vrugbaarheids-waarde
104

Onderhouds-waarde
117

Koeiwaarde
124

Groei-waarde
101

Karkas-waarde
101

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
136	92	116	99	104	97	112	95	104	104	85	113	104	102	102	106

Spn. Indeks	365D Indeks	540D Indeks	GDT Indeks	VOV Indeks	LH
101	102	111	-	-	-

Laaste Kalf		Miostation	
Kalf ID	RSL 230003 (F)	Q204X	Nie Getoets
Geb. dtm.	2023-02-20	NT821	Nie Getoets
Vaar ID	RPE 190137	F94L	Nie Getoets

OPMERKINGS:

LOGIX EBV Analise: 2023-09-19

COWS WITH CALVES

LOT 49

G.J. STRYDOM

GJS 200017

2020-06-16 SP

AGE/CALV. 3/1

AVG. Wt/CALV. -/- ICP -

Parentage Sire Dam

DNA

Genomic

GJS 150022 HH(c)

VV 160422

AGE/CALV. 6/4

AVG. Wt/CALV. 110/3

ICP 535

AG 110038

GJS 050043

AGE/CALV. 16/10

AVG. Wt/CALV. 102/8

ICP 489

VV 140310

VV 100406

AGE/CALV. 11/7

AVG. Wt/CALV. 96/7

ICP 451

AG 060027

AG 060106

AGE/CALV. 12/8

AVG. Wt/CALV. 104/7

JJF 020038

GJS 010060

AGE/CALV. 11/8

AVG. Wt/CALV. 105/7

VV 120139 HH(c)

VV 080375

AGE/CALV. 9/7

AVG. Wt/CALV. 104/7

VV 080162

VV 070136

AGE/CALV. 5/3

AVG. Wt/CALV. 97/3

Calving Ease Value

110

Weaner Calf Value

94

Fertility Value

115

Maintenance Value

117

Cow Value

111

Growth Value

100

Carcass Value

103

Calf and Mother

Birth Dir.

116

Wean Dir.

87

Wean Mat.

103

Scr. Circ.

118

Heifer Fert.

115

Cow Fert.

97

Longev.

119

Fertility

Post Wean

92

ADG

102

FCR

98

Post-Wean Growth

Post Wean

92

ADG

102

FCR

98

Frame

Mature Weight

85

Height

87

Length

99

Carcass

EMA

103

Fat

111

Mar

112

Wean Index

102

365D Index

93

540D Index

93

ADG Index

-

FCR Index

-

LH

-

Last Calf

Calf ID

GJS 230035 (F)

Birth Date

2023-08-19

Sire ID

GJS 200045

Myostatin

Q204X

Not Tested

NT821

Not Tested

F94L

Not Tested

REMARKS:

LOGIX EBV Analysis: 2023-09-19

PREGNANT HEIFERS

LOT 50	HANSU BONSMARA STOET		HJS 160546  HJS 120230 AGE/CALV. 11/8 AVG. Wt/CALV. 109/8 ICP 428		HJS 110036		JMP 050276		Calving Ease Value 88		Weaner Calf Value 127		Fertility Value 99		Maintenance Value 82		Cow Value 116		Growth Value 121		Carcass Value 126			
	HJS 210189 2021-09-27 SP				HJS 140046 AGE/CALV. 7/3 AVG. Wt/CALV. 110/3 ICP 457		HJS 110470		HJS 040008 AGE/CALV. 13/10 AVG. Wt/CALV. 106/10															
	Parentage Sire Dam				BG 070060		HJS 100284 AGE/CALV. 9/7 AVG. Wt/CALV. 99/6		HJS 110470															
	DNA				HJS 050033 AGE/CALV. 8/6 AVG. Wt/CALV. 106/5 ICP 400		HJS 100284 AGE/CALV. 9/7 AVG. Wt/CALV. 99/6		HJS 110470															
Genomic		BG 040048		BG 030100 AGE/CALV. 9/6 AVG. Wt/CALV. 99/6		BG 040048		BG 030100 AGE/CALV. 9/6 AVG. Wt/CALV. 99/6																
		HJS 010263 AGE/CALV. 6/2 AVG. Wt/CALV. 103/1		EI 980080		HJS 010263 AGE/CALV. 6/2 AVG. Wt/CALV. 103/1																		
														</										

LOT 51	HANSU BONSMARA STOET				HJS 110365	HJS 080243	Calving Ease Value 119		Weaner Calf Value 99		Fertility Value 107		Maintenance Value 103		Cow Value 108		Growth Value 90		Carcass Value 92				
	HJS 210217	HJS 120308			HJS 060016	AEJ 050212		HJS 070234		Calf and Mother		Fertility			Post-Wean Growth			Frame			Carcass		
	2021-10-06 SP	AGE/CALV. 11/8 AVG. Wt/CALV. 100/7 ICP 405			AGE/CALV. 14/12 AVG. Wt/CALV. 109/12	Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar		
	Parentage Sire Dam	HJS 110132			LBS 070050	118	93	97	104	100	103	114	96	89	91	95	91	95	82	99	92		
DNA		HJS 160124	HJS 040064	Wean Index		365D Index		540D Index		ADG Index		FCR Index		LH		Myostatin							
Genomic		AGE/CALV. 7/5 AVG. Wt/CALV. 100/5 ICP 382	AGE/CALV. 11/6 AVG. Wt/CALV. 101/5	91	96	94	-	-	-	Q204X Not Tested													
		HJS 110194	HJS 070047							NT821 Not Tested													
		AGE/CALV. 6/4 AVG. Wt/CALV. 94/4 ICP 368	HJS 070411							F94L Not Tested													
			AGE/CALV. 4/2 AVG. Wt/CALV. 102/1	REMARKS: 3.5 Maande dragtig												LOGIX EBV Analysis: 2023-09-19							

DRAGTIGE VERSE

LOT 52

HANSU BONSMARA STOET

HJS 210319

2021-11-15

SP

Ouerskap

Vaar

Moer

DNS

Genomies

HJS 170150



HJS 150105

oud/kalw. 8/6

GEM. SI/KALW. 96/6

TKP 381

HJS 110365



HJS 120308

oud/kalw. 11/8

GEM. SI/KALW. 100/7

TKP 405

FCT 090082

HJS 110358

oud/kalw. 7/5

GEM. SI/KALW. 100/5

TKP 364

HJS 080243

HJS 060016

oud/kalw. 14/12

GEM. SI/KALW. 109/12

AEJ 050212

HJS 070234

oud/kalw. 13/12

GEM. SI/KALW. 104/10

BG 060002

FCT 050091

oud/kalw. 11/6

GEM. SI/KALW. 103/5

HJS 070016

HJS 060300

oud/kalw. 8/6

GEM. SI/KALW. 100/6

Geboortegemak

Waarde

109

Speenkalf

Waarde

104

Vrugbaarheids-

waarde

120

Onderhouds-

waarde

118

Koeiwaarde

118

Groei-

waarde

86

Karkas-

waarde

94

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

107

97

95

109

106

119

114

94

89

93

85

87

93

85

109

100

Spn. Indeks

365D Indeks

540D Indeks

GDT Indeks

VOV Indeks

LH

101

96

96

-

-

-

Miostation

Q204X

Nie Getoets

NT821

Nie Getoets

F94L

Nie Getoets

OPMERKINGS: 2 Maande dragtig

LOGIX

EBV Analise: 2023-09-15

DRAGTIGE KOEIE

LOT 54
RASLOU BONSMARAS

RSL 200067
2020-04-13
SP
OUD/KALW. 3/1
GEM. SI/KALW. 105/1
TKP -



RSL 160089
OUD/KALW. 6/3
GEM. SI/KALW. 95/3
TKP 412

AEJ 090004
OUD/KALW. 11/9
GEM. SI/KALW. 99/8

RSL 100199
OUD/KALW. 7/5
GEM. SI/KALW. 114/4
TKP 413

BPJ 100075

RSL 060129
OUD/KALW. 16/13
GEM. SI/KALW. 95/11
TKP 408

AG 020251
AEJ 060105
HJS 060359
RSL 080064
OUD/KALW. 14/10
GEM. SI/KALW. 109/10
BHE 030103
BHE 040025
OUD/KALW. 16/11
GEM. SI/KALW. 107/10
LEL 020109
MMJ 000298
OUD/KALW. 7/4
GEM. SI/KALW. 119/2

Geboortegemak
Waarde
90

Speenkalf
Waarde
126

Vrugbaarheids-
waarde
97

Onderhouds-
waarde
86

Koeiwaarde
114

Groei-
waarde
111

Karkas-
waarde
117

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	126	108	119	94	97	111	122	112	107	114	110	116	111	97	114

Spn. Indeks	365D Indeks	540D Indeks	GDT Indeks	VOV Indeks	LH
118	111	104	-	-	-

Miostation	
Q204X	0
NT821	0
F94L	0

OPMERKINGS: 7 Maande dragtig van HOT 18-014

LOGIX EBV Analyse: 2023-09-19

LOT 55
RASLOU BONSMARAS

RSL 190135
2019-10-14
SP
AGE/CALV. 3/1
AVG. WI/CALV. 91/1
ICP -



RSL 120050
AGE/CALV. 11/8
AVG. WI/CALV. 110/7
ICP 396

HP 150212 HH(c)

HP 130011
AGE/CALV. 9/6
AVG. WI/CALV. 102/6
ICP 448

RSL 070205

MMJ 000206
AGE/CALV. 15/13
AVG. WI/CALV. 96/13
ICP 380

WAT 080237
FCT 060069
AGE/CALV. 13/11
AVG. WI/CALV. 101/10
CSW 080019
HP 100099
AGE/CALV. 7/5
AVG. WI/CALV. 101/5
AEJ 010127
AG 010183
AGE/CALV. 15/13
AVG. WI/CALV. 99/13
HJS 970048
MMJ 960172
AGE/CALV. 5/2
AVG. WI/CALV. 104/2

Calving Ease
Value
95

Weaner Calf
Value
113

Fertility
Value
104

Maintenance
Value
102

Cow Value
113

Growth
Value
106

Carcass
Value
109

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
96	104	120	99	96	101	117	101	103	99	95	101	106	101	107	90

Wean Index	365D Index	540D Index	ADG Index	FCR Index	LH
107	95	99	-	-	-

Myostatin	
Q204X	1
NT821	0
F94L	0

REMARKS: 6 Maande dragtig van HOT 18-014

LOGIX EBV Analysis: 2023-09-19

LOT 56
RASLOU BONSMARAS

RSL 190127
2019-10-04
SP
AGE/CALV. 3/1
AVG. WI/CALV. 121/1
ICP -



RSL 100230
AGE/CALV. 12/10
AVG. WI/CALV. 101/9
ICP 390

HP 150212 HH(c)

HP 130011
AGE/CALV. 9/6
AVG. WI/CALV. 102/6
ICP 448

AEJ 010127

RSL 050157
AGE/CALV. 13/10
AVG. WI/CALV. 105/10
ICP 438

WAT 080237
FCT 060069
AGE/CALV. 13/11
AVG. WI/CALV. 101/10
CSW 080019
HP 100099
AGE/CALV. 7/5
AVG. WI/CALV. 101/5
GBS 950019
AEJ 980177
AGE/CALV. 4/1
AVG. WI/CALV. 93/1
DDJ 030001
DDJ 030067
AGE/CALV. 13/11
AVG. WI/CALV. 108/11

Calving Ease
Value
98

Weaner Calf
Value
125

Fertility
Value
114

Maintenance
Value
107

Cow Value
130

Growth
Value
117

Carcass
Value
118

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
96	109	125	109	109	105	114	105	115	110	91	109	111	111	104	98

Wean Index	365D Index	540D Index	ADG Index	FCR Index	LH
108	98	95	-	-	-

Myostatin	
Q204X	1
NT821	0
F94L	0

REMARKS: 7 Maande dragtig van HOT 18-014

LOGIX EBV Analysis: 2023-09-19

KOEIE MET KALWERS

LOT 57
RASLOU BONSMARAS

RSL 190061
2019-04-08
SP
OUD/KALW. 4/2
GEM. SI/KALW. 100/1
TKP 542



RSL 110078
OUD/KALW. 10/6
GEM. SI/KALW. 112/6
TKP 550

Ouerskap	Vaar	Moer
DNS		
Genomies		

FCT 120309
OUD/KALW. 9/6
GEM. SI/KALW. 102/6
TKP 448

HP 130011
OUD/KALW. 9/6
GEM. SI/KALW. 102/6
TKP 448

AEJ 060061
OUD/KALW. 10/6
GEM. SI/KALW. 105/10
TKP 550

RSL 060220
OUD/KALW. 14/8
GEM. SI/KALW. 106/8
TKP 468

WAT 080237
OUD/KALW. 13/11
GEM. SI/KALW. 101/10

FCT 060069
OUD/KALW. 13/11
GEM. SI/KALW. 101/10

CSW 080019
OUD/KALW. 7/5
GEM. SI/KALW. 101/5

HP 100099
OUD/KALW. 13/10
GEM. SI/KALW. 105/10

AG 010208
OUD/KALW. 12/9
GEM. SI/KALW. 99/8

AEJ 010066
OUD/KALW. 12/9
GEM. SI/KALW. 99/8

RCO 030010
OUD/KALW. 12/9
GEM. SI/KALW. 99/8

MMJ 990277
OUD/KALW. 12/9
GEM. SI/KALW. 99/8

Geboortegemak Waarde 99	Speenkalf Waarde 130	Vrugbaarheids- waarde 106	Onderhouds- waarde 90	Koeiwaarde 127	Groei- waarde 122	Karkas- waarde 123									
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
101	119	125	117	102	99	117	117	118	108	108	116	119	116	105	95
Spn. Indeks		365D Indeks		540D Indeks		GDT Indeks		VOV Indeks		LH		Miostatien			
123		123		-		-		-		-		Q204X Nie Getoets			

Laaste Kalf		Miostatien	
Kalf ID	RSL 230057 (F)	Q204X Nie Getoets	
Geb. dtm.	2023-06-01	NT821 Nie Getoets	
Vaar ID	HOT 180014	F94L Nie Getoets	

OPMERKINGS:

LOGIX EBV Analise: 2023-09-19

DRAGTIGE KOEIE

LOT 58
RASLOU BONSMARAS

RSL 180079
2018-08-31
SP
OUD/KALW. 5/2
GEM. SI/KALW. 101/2
TKP 521



RSL 160002
OUD/KALW. 7/4
GEM. SI/KALW. 113/4
TKP 446

Ouerskap	Vaar	Moer
DNS	✓	
Genomies		

CEF 070495
OUD/KALW. 8/5
GEM. SI/KALW. 104/5
TKP 390

LDW 070252
OUD/KALW. 8/5
GEM. SI/KALW. 104/5
TKP 390

CRV 110192
OUD/KALW. 10/6
GEM. SI/KALW. 106/3

RSL 130165
OUD/KALW. 5/2
GEM. SI/KALW. 104/2
TKP 469

CEF 040462 HH(c)
OUD/KALW. 14/10
GEM. SI/KALW. 105/10

CEF 030026
OUD/KALW. 14/10
GEM. SI/KALW. 105/10

LDW 050009
OUD/KALW. 5/3
GEM. SI/KALW. 102/3

LDW 020059
OUD/KALW. 5/3
GEM. SI/KALW. 102/3

BHE 030103
OUD/KALW. 9/4
GEM. SI/KALW. 106/3

BPJ 070034
OUD/KALW. 9/4
GEM. SI/KALW. 106/3

RSL 080030
OUD/KALW. 7/5
GEM. SI/KALW. 99/5

RSL 100144
OUD/KALW. 7/5
GEM. SI/KALW. 99/5

Geboortegemak Waarde 107	Speenkalf Waarde 97	Vrugbaarheids- waarde 127	Onderhouds- waarde 116	Koeiwaarde 119	Groei- waarde 91	Karkas- waarde 90									
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
109	90	103	93	118	116	115	102	99	97	87	104	100	87	89	90
Spn. Indeks		365D Indeks		540D Indeks		GDT Indeks		VOV Indeks		LH		Miostatien			
92		116		103		-		-		-		Q204X 0			

Miostatien	
NT821 0	
F94L 0	

OPMERKINGS: 6 Maande dragtig van LFR 19-008 of RSL 19-165

LOGIX EBV Analise: 2023-09-19

KOEIE MET KALWERS

LOT 59

RASLOU BONSMARAS

RSL 170152

2017-10-02

SP

OUD/KALW. 5/4

GEM. SI/KALW. 100/3

TKP 432

CRV 130460



RSL 070175

OUD/KALW. 11/8

GEM. SI/KALW. 106/8

TKP 427

Ouerskap

Vaar

Moer

DNS

Genomies

CRV 100095

JJ 040082

AEJ 010127

EI 980031

DBT 030036

HJB 040150

MMJ 000319

GBS 950019

AEJ 980177

LEL 950006

EI 920140

Geboortegemak

Waarde

95

Speenkalf

Waarde

109

Vrugbaarheids-

waarde

117

Onderhouds-

waarde

84

Koeiwaarde

113

Groei-

waarde

106

Karkas-

waarde

110

Kalf en Moeder

Geb. Dir.

92

Spn. Dir.

111

Spn. Mat.

105

Vrugbaarheid

Skr. Omtr.

112

Vers Vrugb.

107

Koei Vrugb.

112

Lankl.

113

Na-Speen Groei

Na-Speen

104

GDT

109

VOV

108

Raam

Volw. Gewig

117

Hoogte

112

Lengte

108

Karkas

OSO

113

Vet

109

Mar

107

Spn. Indeks

110

365D Indeks

104

540D Indeks

-

GDT Indeks

-

VOV Indeks

-

LH

-

Laaste Kalf

Kalf ID

RSL 230024 (F)

Geb. dtm.

2023-04-19

Vaar ID

RSL 190117

Miostatien

Q204X

Nie Getoets

NT821

Nie Getoets

F94L

Nie Getoets

OPMERKINGS:

LOGIX

EBV Analise: 2023-09-19

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				31	217	7.00	43.8	-	-	1.10 0.88	-0.22 -0.13	14.5 17.2	3.9 6.0	23 31	10 9	107 134	-48 -54	11.9 17.0	4	24	105	-	108	105	6.0	102
43	HJS 210177	F	SP	34	240	-	40.9	-	-	2.02	0.63	20.9	9.3	37.3	19.4	156	-54	14.2	6	35	99	-	104	103	6	102
44	HJS 210178	F	SP	32	243	-	55.3	-	-	1.60	-0.03	21.8	4.0	34.4	-2.0	142	-57	14.6	1	23	101	-	104	98	6	112
45	JHB 200149	F	SP	42	208	8.08	31	-	-	3.67	0.00	25.7	2.5	44.3	29.5	135	-61	29.5	12	28	101	-	127	109	7	109
46	RSL 200183	F	SP	26	178	8.13	39.3	-	-	1.41	0.36	18.3	9.6	41.6	5.8	154	-60	25	3	24	95	-	120	93	3	106
47	GJS 200049	F	SP	30	177	9.32	42.9	-	-	-0.72	-0.54	10.1	3.7	16.8	0.2	73	-43	7.4	-15	2	114	-	93	117	3	89
48	RSL 200157	F	SP	26	188	6.09	45.1	-	-	-2.77	-1.69	10.8	8.4	25.4	-6.4	126	-55	11	12	21	101	-	99	98	8	105
49	GJS 200017	F	SP	32	172	6.69	41.3	-	-	-0.64	0.71	8.6	4.7	19.3	-6.6	119	-43	23.3	-10	15	102	-	118	110	4	98
50	HJS 210189	F	SP	33	273	-	46.5	-	-	2.27	-0.07	26.8	7.5	43.4	30.5	226	-74	16.3	12	42	115	-	107	109	8	108
51	HJS 210217	F	SP	25	215	-	38.7	-	-	-0.81	-0.52	11.5	3.1	23.7	4.4	52	-31	14.3	-6	9	91	-	104	100	5	112
52	HJS 210319	F	SP	31	241	-	37.3	-	-	0.37	-0.69	13.2	2.6	21.9	-6.3	51	-33	17.4	-9	6	101	-	109	96	6	112
53	RSL 200100	F	SP	26	199	6.37	40.9	-	-	0.35	0.03	16.5	3.0	34.5	12.5	140	-48	17.8	11	28	108	-	109	97	4	112
54	RSL 200067	F	SP	34	224	6.76	49.1	-	-	2.08	-0.07	26.4	6.3	43.2	25.5	166	-61	24.1	9	36	118	-	119	95	3	99
55	RSL 190135	F	SP	33	219	6.33	43.7	-	-	1.50	-0.01	16.2	9.8	26.6	4.6	122	-45	10.9	2	23	107	-	99	110	8	106
56	RSL 190127	F	SP	32	219	8.29	47.4	-	-	1.50	-0.52	18.7	11.2	30.4	0.2	183	-66	17.7	9	31	108	-	109	101	10	112
57	RSL 190061	F	SP	30	245	4.61	39.4	-	-	1.04	0.08	23.3	11.1	40.1	18.6	198	-62	22.8	15	41	123	-	117	112	6	85
58	RSL 180079	F	SP	24	209	6.74	55.8	-	-	0.10	0.10	10.2	4.7	27.7	-4.8	105	-42	7.2	4	16	92	-	93	113	4	99
59	RSL 170152	F	SP	30	225	6.09	46.7	-	-	2.00	-0.77	19.6	5.3	30.5	28.5	153	-63	19.4	11	27	110	-	112	106	8	99
60	RSL 170199	F	SP	30	232	6.88	47.5	-	-	1.94	0.59	22.1	3.3	43.9	13.0	167	-63	28.8	19	36	113	-	126	117	4	81
61	AG 140335	F	SP	34	207	7.56	43.1	-	-	-0.16	-0.05	5.4	4.8	9.2	0.4	83	-56	1.6	-4	4	97	-	84	105	7	88

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-spijse 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