

AMPTELIKE VEILINGSKATALOGUS VIR / OFFICIAL AUCTION CATALOGUE FOR

OPTIMUM BONSMARA

Veilingsdatum / Auction Date:
11 August 2022

Data soos op / Data as on:
14 July 2022



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

7 DEF 050022

8 GHI 070076 HH(c) 9
AGE/CALV. 14/10
AVG. Wt/CALV. 92/10
ICP 395

JKL 000077 P

11 ABC 080011
AGE/CALV. 13/9
AVG. Wt/CALV. 105/9
ICP 417

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 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

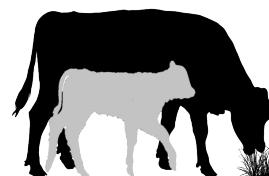
MYOSTATIN STATUS

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

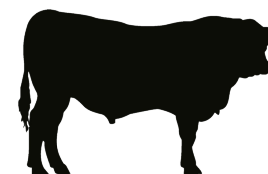
Selection of:

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



7 L♀ GIX Carcass Value

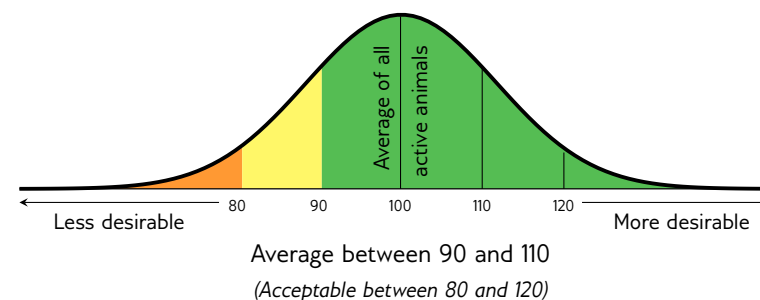
Selection for higher meat yield on carcass



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
		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 31
OPTIMUM BONSMARA



OPT 190264
2019-10-28
B

Parentage Sire Dam

DNA ☒

Genomic ☐



PAD 130201

OPT 160010
AGE/CALV. 6/4
AVG. Wt/CALV. 115/4
ICP 377

FCT 110285 HH(c)
AGE/CALV. 13/11
AVG. Wt/CALV. 101/10

PAD 060079
AGE/CALV. 15/6
AVG. Wt/CALV. 102/6
ICP 397

MULTIPLE SIRES

DBP 090111
AGE/CALV. 11/8
AVG. Wt/CALV. 102/8
ICP 395

FCT 080118
AGE/CALV. 13/11
AVG. Wt/CALV. 101/10

HJL 000023

BHE 030069
AGE/CALV. 14/10
AVG. Wt/CALV. 100/10

AB 050130

DBP 060031
AGE/CALV. 5/2
AVG. Wt/CALV. 113/2

Calving Ease Value
74

Weaner Calf Value
122

Fertility Value
101

Maintenance Value
79

Cow Value
112

Growth Value
141

Carcass Value
131

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
73	121	129	107	102	101	100	132	120	94	123	126	130	124	112	111

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
115	-	-	133	-	345	1.23

Myostatin

Q204X Not Tested

NT821 Not Tested

F94L Not Tested

REMARKS:

LOGIX EBV Analysis: 2022-06-18

LOT 32
OPTIMUM BONSMARA



OPT 190444
2019-12-27
SP

Parentage Sire Dam

DNA ☒

Genomic ☐



OLI 140239

DBP 140005
AGE/CALV. 6/4
AVG. Wt/CALV. 100/4
ICP 371

LAR 090349

BBN 090259
AGE/CALV. 9/6
AVG. Wt/CALV. 102/6
ICP 378

AG 060215

DBP 110003
AGE/CALV. 11/9
AVG. Wt/CALV. 99/8
ICP 374

LAR 040287

LAR 050189
AGE/CALV. 10/7
AVG. Wt/CALV. 102/7

MMJ 050143

BBN 040038
AGE/CALV. 10/8
AVG. Wt/CALV. 100/8

AG 030205

AG 980013
AGE/CALV. 16/14
AVG. Wt/CALV. 99/14

VV 040323

BHE 030137
AGE/CALV. 9/5
AVG. Wt/CALV. 104/5

Calving Ease Value
91

Weaner Calf Value
90

Fertility Value
107

Maintenance Value
90

Cow Value
93

Growth Value
97

Carcass Value
100

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
89	100	95	82	111	100	101	101	104	105	110	92	101	98	99	96

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
109	-	-	94	-	317	1.19

Myostatin

Q204X Not Tested

NT821 Not Tested

F94L Not Tested

REMARKS:

LOGIX EBV Analysis: 2022-06-18

LOT 33
OPTIMUM BONSMARA



OPT 190226
2019-10-16
SP

Parentage Sire Dam

DNA ☒

Genomic ☐



PAD 130201

OPT 160138
AGE/CALV. 6/4
AVG. Wt/CALV. 105/4
ICP 363

FCT 110285 HH(c)
AGE/CALV. 13/11
AVG. Wt/CALV. 101/10

PAD 060079
AGE/CALV. 15/6
AVG. Wt/CALV. 102/6
ICP 397

DBP 060062

DFP 090028
AGE/CALV. 11/7
AVG. Wt/CALV. 95/7
ICP 399

FCT 080118
AGE/CALV. 13/11
AVG. Wt/CALV. 101/10

FCT 060069
AGE/CALV. 13/11
AVG. Wt/CALV. 101/10

HJL 000023

BHE 030069
AGE/CALV. 14/10
AVG. Wt/CALV. 100/10

FCT 000065

BHE 990082
AGE/CALV. 13/10
AVG. Wt/CALV. 98/9

DFP 050105

DFP 060195
AGE/CALV. 5/3
AVG. Wt/CALV. 88/3

Calving Ease Value
85

Weaner Calf Value
106

Fertility Value
111

Maintenance Value
76

Cow Value
106

Growth Value
122

Carcass Value
116

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
87	114	107	121	105	112	104	123	119	105	128	115	117	111	109	95

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
105	-	-	102	-	401	1.19

Myostatin

Q204X Not Tested

NT821 Not Tested

F94L Not Tested

REMARKS:

LOGIX EBV Analysis: 2022-06-18

BULLE

LOT 34 OPTIMUM BONSMARA

OPT 190422
2019-12-06
SP

Ouerskap Vaar Moer

DNS ☒

Genomies ☒

OLI 140239

DBP 140172
OUD/KALW. 8/6
GEM. SI/KALW. 107/6
TKP 353

LAR 090349

BBN 090259
OUD/KALW. 9/6
GEM. SI/KALW. 102/6
TKP 378

CEF 100412

JMP 990041
OUD/KALW. 15/11
GEM. SI/KALW. 99/10
TKP 465

LAR 040287

LAR 050189
OUD/KALW. 10/7
GEM. SI/KALW. 102/7

MMJ 050143

BBN 040038
OUD/KALW. 10/8
GEM. SI/KALW. 100/8

NPT 070170

CEF 000050
OUD/KALW. 14/12
GEM. SI/KALW. 102/12

GID 930005

GV 950101
OUD/KALW. 11/8
GEM. SI/KALW. 95/7

Geboortegemak Waarde 99	Speenkalf Waarde 88	Vrugbaarheids- waarde 112	Onderhouds- waarde 93	Koeiwaarde 99	Groei- waarde 99	Karkas- waarde 99
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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
100	91	104	96	113	108	98	95	100	96	105	96	104	99	94	97

Spn. Indeks	365D Indeks	540D Indeks	GDT Indeks	VOV Indeks	Skrotum	LH
113	-	-	107	-	339	1.21

Miostation		
Q204X	Nie	Getoets
NT821	Nie	Getoets
F94L	Nie	Getoets

OPMERKINGS:

LOGIX EBV Analiese: 2022-06-18

LOT 35 OPTIMUM BONSMARA

OPT 190261
2019-10-28
SP

Ouerskap Vaar Moer

DNS ☒

Genomies ☒

OLI 130100

OPT 170076
OUD/KALW. 3/1
GEM. SI/KALW. 104/1
TKP -

BBN 110329

OLI 110511
OUD/KALW. 9/5
GEM. SI/KALW. 100/5
TKP 409

AG 060170

DBP 090091
OUD/KALW. 11/8
GEM. SI/KALW. 102/8
TKP 401

BBN 070208

BBN 080166
OUD/KALW. 3/1
GEM. SI/KALW. 104/1

SYF 060203

OLI 080472
OUD/KALW. 11/8
GEM. SI/KALW. 105/8

AG 030177

AG 020276
OUD/KALW. 9/5
GEM. SI/KALW. 101/3

AG 930210

HWB 010182
OUD/KALW. 15/10
GEM. SI/KALW. 97/10

Geboortegemak Waarde 104	Speenkalf Waarde 87	Vrugbaarheids- waarde 81	Onderhouds- waarde 113	Koeiwaarde 81	Groei- waarde 90	Karkas- waarde 82
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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
100	85	98	109	87	87	93	81	93	97	89	94	98	91	76	91

Spn. Indeks	365D Indeks	540D Indeks	GDT Indeks	VOV Indeks	Skrotum	LH
104	-	-	91	-	367	1.20

Miostation		
Q204X	Nie	Getoets
NT821	Nie	Getoets
F94L	Nie	Getoets

OPMERKINGS:

LOGIX EBV Analiese: 2022-06-18

LOT 36 OPTIMUM BONSMARA

OPT 190313
2019-11-08
SP

Ouerskap Vaar Moer

DNS ☒

Genomies ☒

OLI 140239

DBP 150072
OUD/KALW. 5/3
GEM. SI/KALW. 105/3
TKP 359

LAR 090349

BBN 090259
OUD/KALW. 9/6
GEM. SI/KALW. 102/6
TKP 378

DBP 060062

EMH 100152
OUD/KALW. 9/5
GEM. SI/KALW. 97/5
TKP 396

LAR 040287

LAR 050189
OUD/KALW. 10/7
GEM. SI/KALW. 102/7

MMJ 050143

BBN 040038
OUD/KALW. 10/8
GEM. SI/KALW. 100/8

FCT 000065

BHE 990082
OUD/KALW. 13/10
GEM. SI/KALW. 98/9

JG 070387

EMH 010260
OUD/KALW. 10/7
GEM. SI/KALW. 100/6

Geboortegemak Waarde 101	Speenkalf Waarde 76	Vrugbaarheids- waarde 111	Onderhouds- waarde 93	Koeiwaarde 87	Groei- waarde 92	Karkas- waarde 89
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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	84	91	84	117	103	98	86	91	92	106	77	91	84	103	80

Spn. Indeks	365D Indeks	540D Indeks	GDT Indeks	VOV Indeks	Skrotum	LH
91	-	-	103	-	335	1.22

Miostation		
Q204X	Nie	Getoets
NT821	Nie	Getoets
F94L	Nie	Getoets

OPMERKINGS:

LOGIX EBV Analiese: 2022-06-18

BULLS

LOT 37 OPTIMUM BONSMARA

OPT 190210
2019-10-07
SP

Parentage Sire Dam

DNA ☒

Genomic

OLI 130100

BBN 110329

OLI 110511
AGE/CALV. 9/5
AVG. Wt/CALV. 100/5
ICP 409

WAT 130296

DBP 080028
AGE/CALV. 12/9
AVG. Wt/CALV. 96/9
ICP 388

BBN 070208
BBN 080166
AGE/CALV. 3/1
AVG. Wt/CALV. 104/1

SYF 060203

OLI 080472
AGE/CALV. 11/8
AVG. Wt/CALV. 105/8

CEF 050528

WAT 030050
AGE/CALV. 13/10
AVG. Wt/CALV. 101/9

RGR 040252

BHE 030093
AGE/CALV. 12/9
AVG. Wt/CALV. 101/8

Calving Ease Value 100	Weaner Calf Value 94	Fertility Value 90	Maintenance Value 119	Cow Value 91	Growth Value 93	Carcass Value 87
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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
96	90	97	116	93	94	98	87	95	95	84	86	92	85	90	88

Wean Index 99	365D Index -	540D Index -	ADG Index 90	FCR Index -	Scrotum 383	LH 1.20
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Myostatin	
Q204X	Not Tested
NT821	Not Tested
F94L	Not Tested

REMARKS:

LOGIX EBV Analysis: 2022-06-18

LOT 38 OPTIMUM BONSMARA

OPT 190348
2019-11-15
SP

Parentage Sire Dam

DNA ☒

Genomic

OLI 140239

LAR 090349

BBN 090259
AGE/CALV. 9/6
AVG. Wt/CALV. 102/6
ICP 378

GJV 090063

DBP 150185
AGE/CALV. 7/5
AVG. Wt/CALV. 105/5
ICP 364

DFP 040139
AGE/CALV. 11/8
AVG. Wt/CALV. 105/7
ICP 398

LAR 040287
LAR 050189
AGE/CALV. 10/7
AVG. Wt/CALV. 102/7

MMJ 050143

BBN 040038
AGE/CALV. 10/8
AVG. Wt/CALV. 100/8

GJN 010048

MKG 030006
AGE/CALV. 12/9
AVG. Wt/CALV. 108/9

RCO 960159

DFP 010239
AGE/CALV. 14/10
AVG. Wt/CALV. 99/10

Calving Ease Value 75	Weaner Calf Value 103	Fertility Value 101	Maintenance Value 84	Cow Value 96	Growth Value 110	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
77	115	103	115	97	107	98	112	108	97	118	109	119	111	101	101

Wean Index 120	365D Index -	540D Index -	ADG Index 109	FCR Index -	Scrotum 370	LH 1.23
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Myostatin	
Q204X	Not Tested
NT821	Not Tested
F94L	Not Tested

REMARKS:

LOGIX EBV Analysis: 2022-06-18

LOT 39 OPTIMUM BONSMARA

OPT 190403
2019-11-29
SP

Parentage Sire Dam

DNA ☒

Genomic

WAT 160056 HH(c)

WAT 110153

WAT 090099
AGE/CALV. 10/7
AVG. Wt/CALV. 106/6
ICP 409

HCO 110037

OLI 140334
AGE/CALV. 7/5
AVG. Wt/CALV. 106/4
ICP 425

BBN 090131
AGE/CALV. 5/3
AVG. Wt/CALV. 108/3
ICP 389

WAT 070039

WAT 070006
AGE/CALV. 11/10
AVG. Wt/CALV. 101/10

WAT 060355

WAT 050040
AGE/CALV. 11/9
AVG. Wt/CALV. 103/8

AG 050415

VV 060058
AGE/CALV. 13/11
AVG. Wt/CALV. 101/10

JRB 050053

BBN 030063
AGE/CALV. 15/14
AVG. Wt/CALV. 97/12

Calving Ease Value 100	Weaner Calf Value 110	Fertility Value 86	Maintenance Value 93	Cow Value 101	Growth Value 116	Carcass Value 108
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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
102	102	125	129	86	90	103	104	110	105	104	108	104	101	95	96

Wean Index 103	365D Index -	540D Index -	ADG Index 101	FCR Index -	Scrotum 396	LH 1.17
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Myostatin	
Q204X	Not Tested
NT821	Not Tested
F94L	Not Tested

REMARKS:

LOGIX EBV Analysis: 2022-06-18

BULLE

LOT 40 OPTIMUM BONSMARA

OPT 190293
2019-11-04
B

Ouerskap Vaar Moer

DNS

Genomies

OLI 140239

DBP 100160
OUD/KALW. 11/10
GEM. SI/KALW. 107/8
TKP 360

LAR 090349

BBN 090259
OUD/KALW. 9/6
GEM. SI/KALW. 102/6
TKP 378

DFP 080059

DFP 080045
OUD/KALW. 8/5
GEM. SI/KALW. 108/5
TKP 433

LAR 040287

LAR 050189
OUD/KALW. 10/7
GEM. SI/KALW. 102/7

MMJ 050143

BBN 040038
OUD/KALW. 14/10
GEM. SI/KALW. 100/8

AG 040289

DFP 960142
OUD/KALW. 14/10
GEM. SI/KALW. 106/9

DFP 050105

DFP 050167
OUD/KALW. 10/7
GEM. SI/KALW. 104/7

Geboortegemak Waarde 88	Speenkalf Waarde 104	Vrugbaarheids- waarde 107	Onderhouds- waarde 85	Koeiwaarde 103	Groei- waarde 114	Karkas- waarde 119
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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
88	111	103	93	106	107	100	114	112	104	116	94	108	114	100	102

Spn. Indeks	365D Indeks	540D Indeks	GDT Indeks	VOV Indeks	Skrotum	LH
119	-	-	114	-	336	1.22

Miostation		
Q204X	Nie	Getoets
NT821	Nie	Getoets
F94L	Nie	Getoets

OPMERKINGS:

LOGIX EBV Analiese: 2022-06-18

LOT 41 OPTIMUM BONSMARA

OPT 190298
2019-11-05
SP

Ouerskap Vaar Moer

DNS

Genomies

MCU 140164 Pp(c)

OLI 120344
OUD/KALW. 9/7
GEM. SI/KALW. 97/7
TKP 367

AEJ 100137 HH(c)

MCU 080078 Pp(c)

BBN 090116

BBN 080066
OUD/KALW. 11/8
GEM. SI/KALW. 98/8
TKP 367

AG 020275

AEJ 030047
OUD/KALW. 11/9
GEM. SI/KALW. 92/8

MCU 050020 Pp(c)

MCU 050127 HH(c)

BBM 050003

BBN 050107
OUD/KALW. 5/3
GEM. SI/KALW. 95/3

CEG 030086

BBN 050069
OUD/KALW. 11/8
GEM. SI/KALW. 103/7

Geboortegemak Waarde 103	Speenkalf Waarde 93	Vrugbaarheids- waarde 107	Onderhouds- waarde 105	Koeiwaarde 99	Groei- waarde 91	Karkas- waarde 94
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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
100	100	81	99	101	112	102	96	91	86	94	92	101	95	105	109

Spn. Indeks	365D Indeks	540D Indeks	GDT Indeks	VOV Indeks	Skrotum	LH
100	-	-	100	-	361	1.23

Miostation		
Q204X	Nie	Getoets
NT821	Nie	Getoets
F94L	Nie	Getoets

OPMERKINGS:

LOGIX EBV Analiese: 2022-06-18

LOT 42 OPTIMUM BONSMARA

OPT 190281
2019-11-01
SP

Ouerskap Vaar Moer

DNS

Genomies

PAD 130201

OLI 150365
OUD/KALW. 5/3
GEM. SI/KALW. 97/3
TKP 387

FCT 110285 HH(c)

PAD 060079
OUD/KALW. 15/6
GEM. SI/KALW. 102/6
TKP 397

OLI 120221

BBN 040060
OUD/KALW. 12/9
GEM. SI/KALW. 99/9
TKP 395

FCT 080118

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

HJL 000023

BHE 030069
OUD/KALW. 14/10
GEM. SI/KALW. 100/10

BBN 090116

BBN 090071
OUD/KALW. 10/8
GEM. SI/KALW. 101/8

JRB 000046

BBN 000185
OUD/KALW. 8/6
GEM. SI/KALW. 96/6

Geboortegemak Waarde 101	Speenkalf Waarde 106	Vrugbaarheids- waarde 108	Onderhouds- waarde 100	Koeiwaarde 108	Groei- waarde 100	Karkas- waarde 104
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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	109	90	101	107	106	102	111	100	93	98	98	105	107	108	106

Spn. Indeks	365D Indeks	540D Indeks	GDT Indeks	VOV Indeks	Skrotum	LH
115	-	-	103	-	368	1.22

Miostation		
Q204X	Nie	Getoets
NT821	Nie	Getoets
F94L	Nie	Getoets

OPMERKINGS:

LOGIX EBV Analiese: 2022-06-18

BULLS

LOT 43 OPTIMUM BONSMARA

OPT 190207
2019-09-30
SP

Parentage Sire Dam

DNA ☒

Genomic

OLI 130100

BBN 110329

BBN 070208

BBN 080166
AGE/CALV. 3/1
AVG. Wt/CALV. 104/1

SYF 060203

OLI 080472
AGE/CALV. 11/8
AVG. Wt/CALV. 105/8

AG 030177

AG 020276
AGE/CALV. 9/5
AVG. Wt/CALV. 101/3

AG 040289

DFP 020110
AGE/CALV. 13/11
AVG. Wt/CALV. 105/11

OLI 110511
AGE/CALV. 9/5
AVG. Wt/CALV. 100/5
ICP 409

AG 060170

DFP 080071
AGE/CALV. 12/9
AVG. Wt/CALV. 107/8
ICP 387

OPT 170071
AGE/CALV. 5/3
AVG. Wt/CALV. 98/4
ICP 397

Calving Ease Value	Weaner Calf Value	Fertility Value	Maintenance Value	Cow Value	Growth Value	Carcass Value
102	85	82	99	78	99	88

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
99	87	99	101	88	87	94	85	88	89	99	78	89	85	83	93

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
100	-	-	109	-	350	1.22

REMARKS:

Myostatin

Q204X Not Tested

NT821 Not Tested

F94L Not Tested

LOGIX EBV Analysis: 2022-06-18

LOT 44 OPTIMUM BONSMARA

OPT 190296
2019-11-05
SP

Parentage Sire Dam

DNA ☒

Genomic

WAT 160056 HH(c)

WAT 110153

WAT 070039

WAT 070006
AGE/CALV. 11/10
AVG. Wt/CALV. 101/10

WAT 060355

WAT 050040
AGE/CALV. 11/9
AVG. Wt/CALV. 103/8

THE 070049

CEG 060347
AGE/CALV. 11/9
AVG. Wt/CALV. 106/9

AG 960097

MCU 030061 P
AGE/CALV. 12/8
AVG. Wt/CALV. 99/8

WAT 090099
AGE/CALV. 10/7
AVG. Wt/CALV. 106/6
ICP 409

MBT 090114

DBP 090081
AGE/CALV. 7/4
AVG. Wt/CALV. 95/4
ICP 493

DBP 140144
AGE/CALV. 8/6
AVG. Wt/CALV. 99/6
ICP 349

Calving Ease Value	Weaner Calf Value	Fertility Value	Maintenance Value	Cow Value	Growth Value	Carcass Value
118	101	93	97	101	109	102

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	113	126	88	102	102	99	119	112	100	103	104	106	87	97

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
96	-	-	91	-	409	1.20

REMARKS:

Myostatin

Q204X Not Tested

NT821 Not Tested

F94L Not Tested

LOGIX EBV Analysis: 2022-06-18

LOT 45 OPTIMUM BONSMARA

OPT 190360
2019-11-16
SP

Parentage Sire Dam

DNA ☒

Genomic

DBP 150215

WAT 090100

WAT 060355

WAT 050106
AGE/CALV. 11/8
AVG. Wt/CALV. 104/6

DFP 050105

DFP 050167
AGE/CALV. 10/7
AVG. Wt/CALV. 104/7

AG 050137

BBN 060086
AGE/CALV. 3/1
AVG. Wt/CALV. 108/1

GEL 060132

OLI 070379
AGE/CALV. 11/10
AVG. Wt/CALV. 101/9

DFP 080045
AGE/CALV. 8/5
AVG. Wt/CALV. 108/5
ICP 433

BBN 090078

OLI 090474
AGE/CALV. 10/5
AVG. Wt/CALV. 96/4
ICP 440

OLI 120360
AGE/CALV. 8/5
AVG. Wt/CALV. 96/5
ICP 385

Calving Ease Value	Weaner Calf Value	Fertility Value	Maintenance Value	Cow Value	Growth Value	Carcass Value
81	101	110	83	101	106	110

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
82	112	103	95	106	109	103	114	106	107	118	104	105	105	91	99

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
98	-	-	97	-	350	1.21

REMARKS:

Myostatin

Q204X Not Tested

NT821 Not Tested

F94L Not Tested

LOGIX EBV Analysis: 2022-06-18

BULLE

LOT 46
OPTIMUM BONSMARA


OPT 190363
2019-11-16
SP

Ouerskap **Vaar** **Moer**
DNS ☒
Genomies ☒


OLI 140239
DBP 150103
OUD/KALW. 7/5
GEM. SI/KALW. 102/5
TKP 348

LAR 090349
BBN 090259
OUD/KALW. 9/6
GEM. SI/KALW. 102/6
TKP 378
WAT 090100
DFP 040233
OUD/KALW. 12/9
GEM. SI/KALW. 102/9
TKP 398

LAR 040287
LAR 050189
OUD/KALW. 10/7
GEM. SI/KALW. 102/7
MMJ 050143
BBN 040038
OUD/KALW. 10/8
GEM. SI/KALW. 100/8
WAT 060355
WAT 050106
OUD/KALW. 11/8
GEM. SI/KALW. 104/6
DFP 010096
DFP 010065
OUD/KALW. 10/7
GEM. SI/KALW. 105/6

Geboortegemak Waarde 97	Speenkalf Waarde 94	Vrugaarheids-waarde 109	Onderhouds-waarde 88	Koeiwaarde 99	Groei-waarde 97	Karkas-waarde 99
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Kalf en Moeder			Vrugaarheid				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	99	101	89	109	106	103	97	98	102	112	95	101	93	102	87

Spn. Indeks	365D Indeks	540D Indeks	GDT Indeks	VOV Indeks	Skrotum	LH
108	-	-	94	-	340	1.20

Miostation		
Q204X	Nie Getoets	
NT821	Nie Getoets	
F94L	Nie Getoets	

OPMERKINGS:

LQIGX EBV Analiese: 2022-06-18

LOT 47
OPTIMUM BONSMARA


OPT 190334
2019-11-11
SP

Ouerskap **Vaar** **Moer**
DNS ☒
Genomies ☒


OPT 160187
OLI 150125
OUD/KALW. 6/4
GEM. SI/KALW. 97/4
TKP 364

WAT 130296
DBP 070109
OUD/KALW. 10/7
GEM. SI/KALW. 102/7
TKP 440
DBP 110062
BBN 100244
OUD/KALW. 9/6
GEM. SI/KALW. 96/4
TKP 421

CEF 050528
WAT 030050
OUD/KALW. 13/10
GEM. SI/KALW. 101/9
JDB 990028
JGV 020115
OUD/KALW. 8/5
GEM. SI/KALW. 99/4
AG 060160
DFP 040194
OUD/KALW. 9/5
GEM. SI/KALW. 112/4
MMJ 050143
BBN 050063
OUD/KALW. 14/11
GEM. SI/KALW. 100/11

Geboortegemak Waarde 77	Speenkalf Waarde 87	Vrugaarheids-waarde 90	Onderhouds-waarde 118	Koeiwaarde 83	Groei-waarde 106	Karkas-waarde 99
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Kalf en Moeder			Vrugaarheid				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
81	91	104	111	90	96	103	95	103	96	85	103	107	99	90	103

Spn. Indeks	365D Indeks	540D Indeks	GDT Indeks	VOV Indeks	Skrotum	LH
91	-	-	109	-	380	1.21

Miostation		
Q204X	Nie Getoets	
NT821	Nie Getoets	
F94L	Nie Getoets	

OPMERKINGS:

LQIGX EBV Analiese: 2022-06-18

LOT 48
OPTIMUM BONSMARA


OPT 190274
2019-10-30
SP

Ouerskap **Vaar** **Moer**
DNS ☒
Genomies ☒


DBP 150215
OLI 120130
OUD/KALW. 9/7
GEM. SI/KALW. 103/7
TKP 367

WAT 090100
DFP 080045
OUD/KALW. 8/5
GEM. SI/KALW. 108/5
TKP 433
BBN 090076
BBN 090157
OUD/KALW. 12/10
GEM. SI/KALW. 107/10
TKP 371

WAT 060355
WAT 050106
OUD/KALW. 11/8
GEM. SI/KALW. 104/6
DFP 050105
DFP 050167
OUD/KALW. 10/7
GEM. SI/KALW. 104/7
AG 050137
BBN 060068
OUD/KALW. 12/10
GEM. SI/KALW. 99/10
JRB 030021
JRB 970032
OUD/KALW. 13/11
GEM. SI/KALW. 95/10

Geboortegemak Waarde 92	Speenkalf Waarde 113	Vrugaarheids-waarde 102	Onderhouds-waarde 69	Koeiwaarde 104	Groei-waarde 125	Karkas-waarde 124
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Kalf en Moeder			Vrugaarheid				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	116	110	106	92	112	103	119	116	107	139	131	123	115	98	113

Spn. Indeks	365D Indeks	540D Indeks	GDT Indeks	VOV Indeks	Skrotum	LH
112	-	-	112	-	371	1.21

Miostation		
Q204X	Nie Getoets	
NT821	Nie Getoets	
F94L	Nie Getoets	

OPMERKINGS:

LQIGX EBV Analiese: 2022-06-18

BULLS

LOT 49 OPTIMUM BONSMARA

OPT 190250
2019-10-25
SP

Parentage Sire Dam

DNA ☒

Genomic ☐

QR Code

OLI 150143
AGE/CALV. 6/4
AVG. Wt/CALV. 98/4
ICP 362

OLI 120418
AGE/CALV. 9/7
AVG. Wt/CALV. 101/6
ICP 389

WAT 130296
AGE/CALV. 13/10
AVG. Wt/CALV. 101/9

DBP 070109
AGE/CALV. 10/7
AVG. Wt/CALV. 102/7
ICP 440

OLI 120343

CEJ 050528

WAT 030050
AGE/CALV. 13/10
AVG. Wt/CALV. 101/9

JDB 990028

JGV 020115
AGE/CALV. 8/5
AVG. Wt/CALV. 99/4

BBN 080167

BBN 100096
AGE/CALV. 5/4
AVG. Wt/CALV. 97/4

BBN 090076

OLI 050565
AGE/CALV. 9/6
AVG. Wt/CALV. 100/6

Calving Ease Value 85	Weaner Calf Value 94	Fertility Value 99	Maintenance Value 98	Cow Value 92	Growth Value 94	Carcass Value 98
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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
84	102	97	104	94	106	104	101	104	107	101	104	102	100	99	103

Wean Index 98	365D Index -	540D Index -	ADG Index 91	FCR Index -	Scrotum 361	LH 1.19
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Myostatin	
Q204X	Not Tested
NT821	Not Tested
F94L	Not Tested

REMARKS:

LOGIX EBV Analysis: 2022-06-18

LOT 50 OPTIMUM BONSMARA

OPT 190315
2019-11-08
SP

Parentage Sire Dam

DNA ☒

Genomic ☐

QR Code

OLI 120056
AGE/CALV. 8/6
AVG. Wt/CALV. 97/6
ICP 367

BBN 090116

BBN 090091
AGE/CALV. 6/3
AVG. Wt/CALV. 97/2
ICP 491

AEJ 100137 HH(c)

MCU 140164 Pp(c)

MCU 080078 Pp(c)
AGE/CALV. 9/4
AVG. Wt/CALV. 99/4
ICP 552

BBM 050003

BBN 050107
AGE/CALV. 5/3
AVG. Wt/CALV. 95/3

AG 050137

BBN 060124
AGE/CALV. 7/5
AVG. Wt/CALV. 97/5

AG 020275

AEJ 030047
AGE/CALV. 11/9
AVG. Wt/CALV. 92/8

MCU 050020 Pp(c)

MCU 050127 HH(c)
AGE/CALV. 12/8
AVG. Wt/CALV. 101/8

Calving Ease Value 110	Weaner Calf Value 80	Fertility Value 100	Maintenance Value 102	Cow Value 86	Growth Value 99	Carcass Value 90
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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
110	88	79	98	97	106	99	90	90	83	97	95	96	94	94	103

Wean Index 96	365D Index -	540D Index -	ADG Index 111	FCR Index -	Scrotum 362	LH 1.18
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Myostatin	
Q204X	Not Tested
NT821	Not Tested
F94L	Not Tested

REMARKS:

LOGIX EBV Analysis: 2022-06-18

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				39	258	-	50.5	1.21	362	1.03 1.74	-0.20 -0.31	13.8 14.0	3.9 4.3	22 27	10 17	101 117	-48 -45	10.2 13.5	1	23	105	103	104	102	5.0	110
31	OPT 190264	M	B	39	291	-	51.6	1.23	345	3.90	0.02	23.5	12.2	50	35	199	-35	15.6	23	58	115	133	107	115	4	108
32	OPT 190444	M	SP	41	281	-	46.4	1.19	317	2.21	-0.45	13.7	2.6	26	21	120	-58	-4.4	-6	17	109	94	82	100	4	106
33	OPT 190226	M	SP	38	270	-	52.5	1.19	401	2.42	0.09	20.4	5.8	43	41	192	-58	27.2	14	39	105	102	121	105	4	114
34	OPT 190422	M	SP	37	286	-	51.4	1.21	339	1.05	-0.11	9.9	4.9	21	16	100	-38	7.1	-2	20	113	107	96	107	6	116
35	OPT 190261	M	SP	35	259	-	51	1.20	367	0.98	-0.73	7.0	3.4	11	-2	68	-40	17.3	-4	12	104	91	109	104	1	109
36	OPT 190313	M	SP	35	235	-	43.1	1.22	335	1.25	-0.77	6.7	1.4	15	17	58	-29	-2.5	-18	2	91	103	84	105	3	111
37	OPT 190210	M	SP	38	251	-	50.7	1.20	383	1.43	-0.85	9.4	2.9	16	-8	76	-37	23.3	-10	4	99	90	116	101	3	114
38	OPT 190348	M	SP	43	307	-	50.3	1.23	370	3.47	0.12	20.6	4.7	34	30	140	-41	22.3	8	42	120	109	115	105	5	114
39	OPT 190403	M	SP	39	266	-	44.9	1.17	396	0.82	0.12	14.6	10.9	29	14	148	-58	33.7	8	20	103	101	129	106	5	101
40	OPT 190293	M	B	39	300	-	52	1.22	336	2.23	-0.04	18.7	4.8	36	28	158	-57	4.5	-4	27	119	114	93	107	10	118
41	OPT 190298	M	SP	40	260	-	56.8	1.23	361	1.05	-0.80	13.7	-1.6	22	4	56	-17	9.1	-5	17	100	100	99	97	7	109
42	OPT 190281	M	SP	38	284	-	-	1.22	368	1.10	-0.40	18.1	1.1	34	8	100	-33	10.7	-0	22	115	103	101	97	3	103
43	OPT 190207	M	SP	36	250	-	51.2	1.22	350	1.15	-0.64	7.9	3.8	14	9	43	-23	10.8	-18	0	100	109	101	98	3	111
44	OPT 190296	M	SP	36	248	-	50.4	1.20	409	-0.33	-1.07	9.6	7.5	26	10	191	-73	31.7	4	21	96	91	126	99	6	115
45	OPT 190360	M	SP	46	261	-	49.6	1.21	350	2.87	0.13	19.2	4.8	36	30	129	-63	5.9	4	22	98	97	95	96	5	106
46	OPT 190363	M	SP	40	277	-	50.6	1.20	340	1.75	-0.75	13.5	4.3	23	23	92	-53	.9	-3	16	108	94	89	102	5	115
47	OPT 190334	M	SP	43	244	-	52.2	1.21	380	3.04	0.53	9.6	5.2	20	-7	117	-40	19.6	4	25	91	109	111	97	4	104
48	OPT 190274	M	SP	32	279	-	49.5	1.21	371	1.80	-0.11	21.3	6.7	40	53	178	-63	14.8	27	47	112	112	106	103	7	108
49	OPT 190250	M	SP	41	256	-	50.7	1.19	361	2.69	-0.24	14.9	3.0	26	10	119	-64	13.3	4	18	98	91	104	98	4	106
50	OPT 190315	M	SP	36	247	-	54.5	1.18	362	-0.02	-0.31	8.5	-2.1	18	6	50	-11	8.4	-3	10	96	111	98	97	6	112

EXPLANATION OF CATALOGUE ABBREVIATIONS

VERDUIDELIKING VAN KATALOGUS AFKORTINGS

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