

AMPTELIKE VEILINGSKATALOGUS VIR / OFFICIAL AUCTION CATALOGUE FOR

OPTIMUM BONSMARAS

Veilingsdatum / Auction Date:
19 October 2023

Data soos op / Data as on:
11 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

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

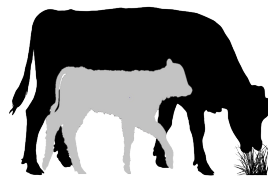
MYOSTATIN STATUS

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

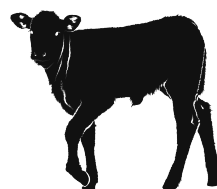


5 L♀ GIX Cow Value

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

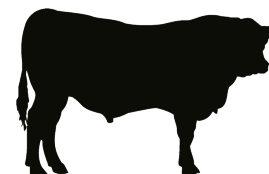
Selection of:

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



7 L♀ GIX Carcass Value

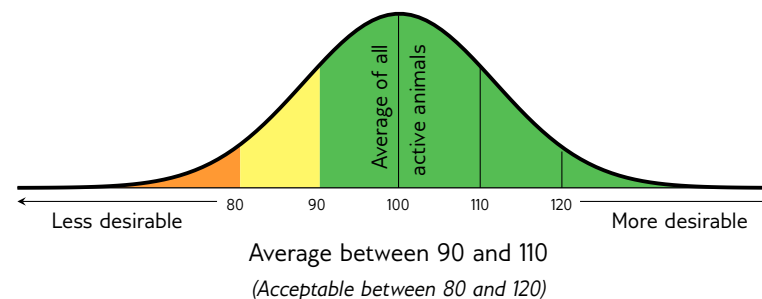
Selection for higher meat yield on carcass



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	
	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
OPTIMUM BONSMARA

LHB 190066
2019-03-30
SP

Parentage	Sire	Dam
DNA	✓	
Genomic		


TOR 140281
CAB 130013
AGE/CALV. 10/8
AVG. Wt/CALV. 97/6
ICP 366

TOR 110169
AGE/CALV. 11/8
AVG. Wt/CALV. 114/8
TOR 110093
AGE/CALV. 5/3
AVG. Wt/CALV. 100/3
ICP 350
BPJ 090041
CAB 080057
AGE/CALV. 5/4
AVG. Wt/CALV. 111/3
ICP 371

LAR 070234
TOR 060039
AGE/CALV. 11/8
AVG. Wt/CALV. 114/8
TOR 080086
TOR 070125
AGE/CALV. 9/7
AVG. Wt/CALV. 99/7
FCT 000065
HJB 020101
AGE/CALV. 15/10
AVG. Wt/CALV. 100/10
ZAK 040047
CAB 030022
AGE/CALV. 14/11
AVG. Wt/CALV. 101/10

Calving Ease Value	Weaner Calf Value	Fertility Value	Maintenance Value	Cow Value	Growth Value	Carcass Value
86	127	101	78	114	121	132

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	131	105	88	88	111	110	136	121	108	126	111	123	93	126	113

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
108	-	-	113	-	306	1.24

Myostatin	
Q204X	Not Tested
NT821	Not Tested
F94L	Not Tested

REMARKS: In stoet gebruik

LOGIX
EBV Analysis: 2023-08-23

LOT 2
OPTIMUM BONSMARA

OPT 200110
2020-06-01
SP

Parentage	Sire	Dam
DNA	✓	✓
Genomic		


OLI 140239
OPT 160240
AGE/CALV. 6/4
AVG. Wt/CALV. 104/4
ICP 418

LAR 090349
BBN 090259
AGE/CALV. 9/6
AVG. Wt/CALV. 102/6
ICP 378
WAT 130220
DBP 100006
AGE/CALV. 10/7
AVG. Wt/CALV. 103/7
ICP 372

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
WAT 080026
WAT 050228
AGE/CALV. 10/8
AVG. Wt/CALV. 108/7
DFP 050026
DFP 030210
AGE/CALV. 13/8
AVG. Wt/CALV. 104/8

Calving Ease Value	Weaner Calf Value	Fertility Value	Maintenance Value	Cow Value	Growth Value	Carcass Value
77	85	90	83	77	93	99

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
74	99	103	85	91	96	99	95	101	103	119	88	98	101	103	93

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
114	-	-	92	-	327	1.22

Myostatin	
Q204X	0
NT821	0
F94L	0

REMARKS: In stoet gebruik

LOGIX
EBV Analysis: 2023-08-23

LOT 3
OPTIMUM BONSMARA

OPT 190035
2019-02-01
SP

Parentage	Sire	Dam
DNA		
Genomic		


HVD 160052
OLI 120048
AGE/CALV. 8/5
AVG. Wt/CALV. 104/5
ICP 391

BBN 090176
HVD 090047
AGE/CALV. 9/5
AVG. Wt/CALV. 99/5
ICP 469
BBN 060139
OLI 070361
AGE/CALV. 8/5
AVG. Wt/CALV. 104/5
ICP 397

MMJ 050143
BBN 040096
AGE/CALV. 13/10
AVG. Wt/CALV. 103/8
ADV 040016
HVD 020055
AGE/CALV. 11/3
AVG. Wt/CALV. 95/2
JRB 020166
BBN 040008
AGE/CALV. 12/8
AVG. Wt/CALV. 101/7
MULTIPLE SIRES

Calving Ease Value	Weaner Calf Value	Fertility Value	Maintenance Value	Cow Value	Growth Value	Carcass Value
111	102	104	103	105	106	101

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
107	101	90	94	101	106	101	95	88	78	95	78	94	108	99	96

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
110	-	-	113	-	333	1.26

Myostatin	
Q204X	0
NT821	0
F94L	0

REMARKS: In stoet gebruik

LOGIX
EBV Analysis: 2023-08-23

BULLE

LOT 4

OPTIMUM BONSMARA

HVD 180208
2018-11-26
SP

Ouerskap Vaar Moer

DNS

Genomies

SYF 150141



HVD 150021

OUD/KALW. 7/4
GEM. SI/KALW. 98/3
TKP 414

SYF 120042

ADV 060116
OUD/KALW. 15/12
GEM. SI/KALW. 97/9
TKP 376

SYF 090126

HVD 110019

OUD/KALW. 5/3
GEM. SI/KALW. 100/2
TKP 544

SYF 070036

SYF 060149
OUD/KALW. 7/6
GEM. SI/KALW. 101/7

SYF 030118

ADV 030069
OUD/KALW. 14/11
GEM. SI/KALW. 103/11

AG 020251

SYF 040127
OUD/KALW. 5/4
GEM. SI/KALW. 101/2

ADV 040016

HVD 070013
OUD/KALW. 10/7
GEM. SI/KALW. 100/7Geboortegemak
Waarde
91Speenkalv
Waarde
92Vrugbaarheids-
waarde
82Onderhouds-
waarde
102Koeiwaarde
81Groei-
waarde
101Karkas-
waarde
95

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
95	101	88	90	91	77	105	103	104	108	97	95	97	104	69	80

Spn. Indeks	365D Indeks	540D Indeks	GDT Indeks	VOV Indeks	Skrotum	LH
104	-	-	117	-	338	1.20

Miostatien	
Q204X	1
NT821	0
F94L	0

OPMERKINGS: In stoet gebruik

LOGIX EBV Analise: 2023-08-23

LOT 5

OPTIMUM BONSMARA

MBT 200279
2020-10-25
SP

Ouerskap Vaar Moer

DNS

Genomies

V 160117 HH(c)



MBT 160078

OUD/KALW. 6/4
GEM. SI/KALW. 103/4
TKP 381

V 120268

V 120145
OUD/KALW. 9/7
GEM. SI/KALW. 100/7
TKP 367

MBT 110237 HH(c)

MBT 110036

OUD/KALW. 6/3
GEM. SI/KALW. 105/3
TKP 434

V 090260

V 050051
OUD/KALW. 11/9
GEM. SI/KALW. 103/10

V 090260

V 050015
OUD/KALW. 14/12
GEM. SI/KALW. 99/12

FCT 050127

CEG 020145
OUD/KALW. 9/7
GEM. SI/KALW. 100/8

MBT 080009

CEG 980155
OUD/KALW. 13/10
GEM. SI/KALW. 98/10Geboortegemak
Waarde
78Speenkalv
Waarde
126Vrugbaarheids-
waarde
88Onderhouds-
waarde
78Koeiwaarde
104Groei-
waarde
135Karkas-
waarde
138

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
49	136	99	141	76	100	109	144	133	115	126	126	132	142	110	105

Spn. Indeks	365D Indeks	540D Indeks	GDT Indeks	VOV Indeks	Skrotum	LH
107	-	-	118	-	374	1.22

Miostatien	
Q204X	0
NT821	0
F94L	0

OPMERKINGS:

LOGIX EBV Analise: 2023-08-23

LOT 6

OPTIMUM BONSMARA

HVD 180161
2018-10-23
SP

Ouerskap Vaar Moer

DNS

Genomies

JCV 110283



OLI 100421

OUD/KALW. 12/10
GEM. SI/KALW. 96/9
TKP 389

GEL 080052

JCV 060133
OUD/KALW. 13/11
GEM. SI/KALW. 103/11
TKP 369

BBN 060139

OLI 060456

OUD/KALW. 12/8
GEM. SI/KALW. 102/8
TKP 425

GEL 060132

GEL 060104
OUD/KALW. 11/9
GEM. SI/KALW. 102/8

JCV 020119

JCV 030110
OUD/KALW. 4/1
GEM. SI/KALW. 105/1

JRB 020166

BBN 040008
OUD/KALW. 12/8
GEM. SI/KALW. 101/7

MULTIPLE SIRES

Geboortegemak
Waarde
101Speenkalv
Waarde
98Vrugbaarheids-
waarde
121Onderhouds-
waarde
88Koeiwaarde
109Groei-
waarde
103Karkas-
waarde
108

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
103	104	96	116	111	118	111	104	106	105	112	103	103	116	92	91

Spn. Indeks	365D Indeks	540D Indeks	GDT Indeks	VOV Indeks	Skrotum	LH
101	-	-	94	-	366	1.17

Miostatien	
Q204X	1
NT821	0
F94L	0

OPMERKINGS: In stoet gebruik

LOGIX EBV Analise: 2023-08-23

BULLS

LOT 7
OPTIMUM BONSMARA

OPT 200078
2020-04-23
SP
Parentage Sire Dam
DNA ☒
Genomic


OPT 170034
AGE/CALV. 13/10
AVG. Wt/CALV. 101/9

WAT 130296
AGE/CALV. 11/8
AVG. Wt/CALV. 92/8
ICP 401
DBP 090099
AGE/CALV. 11/8
AVG. Wt/CALV. 92/8
ICP 401
CRV 100088
DBP 150416
AGE/CALV. 5/3
AVG. Wt/CALV. 97/3
ICP 357
DBP 100158
AGE/CALV. 10/8
AVG. Wt/CALV. 102/6
ICP 362

CEF 050528
WAT 030050
AGE/CALV. 13/10
AVG. Wt/CALV. 101/9
AG 950284
BHE 020187
AGE/CALV. 8/6
AVG. Wt/CALV. 102/5
AG 060018
VBB 060293
AGE/CALV. 6/4
AVG. Wt/CALV. 103/3
LMR 020148
DFF 030116
AGE/CALV. 13/10
AVG. Wt/CALV. 98/10

Calving Ease Value
95
Weaner Calf Value
94
Fertility Value
86
Maintenance Value
101
Cow Value
87
Growth Value
94
Carcass Value
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
96	98	98	110	83	101	93	95	102	106	97	103	98	97	100	101

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
103	-	-	101	-	352	1.18

Myostatin	
Q204X	0
NT821	0
F94L	0

REMARKS:

LOGIX
EBV Analysis: 2023-08-23

LOT 8
OPTIMUM BONSMARA

OLI 170174
2017-09-16
SP
Parentage Sire Dam
DNA
Genomic


OLI 130100
AGE/CALV. 9/5
AVG. Wt/CALV. 100/5
ICP 409
OLI 140160
AGE/CALV. 5/2
AVG. Wt/CALV. 105/1
ICP 440

BBN 110329
OLI 110511
AGE/CALV. 9/5
AVG. Wt/CALV. 100/5
ICP 409
JRB 100092
OLI 080380
AGE/CALV. 11/7
AVG. Wt/CALV. 101/6
ICP 480

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
JRB 040054
JRB 990192
AGE/CALV. 11/8
AVG. Wt/CALV. 104/8
MULTIPLE SIREs
OLI 050655
AGE/CALV. 5/2
AVG. Wt/CALV. 101/1

Calving Ease Value
98
Weaner Calf Value
114
Fertility Value
88
Maintenance Value
93
Cow Value
100
Growth Value
113
Carcass Value
114

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	118	91	135	81	101	102	112	105	93	106	102	114	119	86	110

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
105	-	-	109	-	377	1.21

Myostatin	
Q204X	0
NT821	0
F94L	0

REMARKS: In stoet gebruik

LOGIX
EBV Analysis: 2023-08-23

LOT 9
OPTIMUM BONSMARA

OPT 200112
2020-06-01
SP
Parentage Sire Dam
DNA ☒ ☒
Genomic


OPT 140239
AGE/CALV. 10/7
AVG. Wt/CALV. 102/7
OPT 160103
AGE/CALV. 6/3
AVG. Wt/CALV. 99/3
ICP 431

LAR 090349
BBN 090259
AGE/CALV. 9/6
AVG. Wt/CALV. 102/6
ICP 378
AG 100719
DBP 110003
AGE/CALV. 12/10
AVG. Wt/CALV. 100/9
ICP 368

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 060401
AG 020132
AGE/CALV. 11/9
AVG. Wt/CALV. 106/9
VV 040323
BHE 030137
AGE/CALV. 9/5
AVG. Wt/CALV. 104/5

Calving Ease Value
93
Weaner Calf Value
79
Fertility Value
76
Maintenance Value
96
Cow Value
67
Growth Value
92
Carcass Value
90

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	88	92	87	77	84	103	88	90	90	102	80	94	87	100	96

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
106	-	-	97	-	333	1.24

Myostatin	
Q204X	1
NT821	0
F94L	0

REMARKS:

LOGIX
EBV Analysis: 2023-08-23

BULLS

LOT 13
OPTIMUM BONSMARA

OPT 200354
2020-11-04
SP
Parentage Sire Dam
DNA ☒ ☒
Genomic


OPT 170038
OPT 170071
AGE/CALV. 5/3
AVG. Wt/CALV. 98/4
ICP 397

JMP 060345
AGE/CALV. 13/9
AVG. Wt/CALV. 115/8
DBP 090208
AGE/CALV. 9/6
AVG. Wt/CALV. 100/6
ICP 424
AG 060170
DFP 080071
AGE/CALV. 12/9
AVG. Wt/CALV. 107/8
ICP 387

AJE 010173
JMP 990062
AGE/CALV. 13/9
AVG. Wt/CALV. 115/8
AB 050130
DNN 010249
AGE/CALV. 8/5
AVG. Wt/CALV. 109/4
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

Calving Ease Value	Weaner Calf Value	Fertility Value	Maintenance Value	Cow Value	Growth Value	Carcass Value
93	87	91	81	83	87	96

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	93	109	94	89	101	94	91	98	110	120	91	91	94	98	92

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
102	-	-	95	-	333	1.16

Myostatin	
Q204X	0
NT821	0
F94L	0

REMARKS:

LOGIX
EBV Analysis: 2023-08-23

LOT 14
OPTIMUM BONSMARA

OPT 200123
2020-06-11
SP
Parentage Sire Dam
DNA ☒ ☒
Genomic


OLI 140239
OPT 160235
AGE/CALV. 4/2
AVG. Wt/CALV. 108/2
ICP 392

LAR 090349
AGE/CALV. 10/7
AVG. Wt/CALV. 102/7
BBN 090259
AGE/CALV. 9/6
AVG. Wt/CALV. 102/6
ICP 378
WAT 130106
HJL 060001
AGE/CALV. 12/10
AVG. Wt/CALV. 94/8
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
WAT 110087
WAT 110029
AGE/CALV. 12/10
AVG. Wt/CALV. 114/9
HJL 010119
HJL 030163
AGE/CALV. 5/1
AVG. Wt/CALV. 96/1

Calving Ease Value	Weaner Calf Value	Fertility Value	Maintenance Value	Cow Value	Growth Value	Carcass Value
92	87	94	106	85	85	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
92	93	92	87	97	99	94	86	85	87	93	72	86	84	103	92

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
115	-	-	95	-	347	1.22

Myostatin	
Q204X	0
NT821	0
F94L	0

REMARKS:

LOGIX
EBV Analysis: 2023-08-23

LOT 15
OPTIMUM BONSMARA

OPT 200420
2020-11-19
SP
Parentage Sire Dam
DNA ☒ ☒
Genomic


OPT 170038
OPT 170129
AGE/CALV. 6/3
AVG. Wt/CALV. 96/3
ICP 413

JMP 060345
AGE/CALV. 13/9
AVG. Wt/CALV. 115/8
DBP 090208
AGE/CALV. 9/6
AVG. Wt/CALV. 100/6
ICP 424
WAT 130296
CEF 060127
AGE/CALV. 12/9
AVG. Wt/CALV. 100/9
ICP 429

AJE 010173
JMP 990062
AGE/CALV. 13/9
AVG. Wt/CALV. 115/8
AB 050130
DNN 010249
AGE/CALV. 8/5
AVG. Wt/CALV. 109/4
CEF 050528
WAT 030050
AGE/CALV. 13/10
AVG. Wt/CALV. 101/9
CEF 030450
CEF 940046
AGE/CALV. 15/10
AVG. Wt/CALV. 112/10

Calving Ease Value	Weaner Calf Value	Fertility Value	Maintenance Value	Cow Value	Growth Value	Carcass Value
98	93	89	80	86	85	97

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
97	100	102	100	85	102	98	96	99	105	122	100	98	97	103	88

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
96	-	-	92	-	340	1.19

Myostatin	
Q204X	1
NT821	0
F94L	0

REMARKS:

LOGIX
EBV Analysis: 2023-08-23

BULLE

LOT 16
OPTIMUM BONSMARA

OPT 200209
2020-09-26
SP
Ouerskap **Vaar** **Moer**
DNS 
Genomies


HVD 160043
OLI 170195
OUD/KALW. 6/3
GEM. SI/KALW. 108/3
TKP 374

OLI 110374
HVD 130020
OUD/KALW. 10/7
GEM. SI/KALW. 98/6
TKP 362
OLI 120063
OLI 070371
OUD/KALW. 15/14
GEM. SI/KALW. 96/13
TKP 364

BBM 050050
BBN 050133
OUD/KALW. 9/7
GEM. SI/KALW. 95/7
BBN 090176
HVD 100021
OUD/KALW. 12/9
GEM. SI/KALW. 98/8
BBN 080259
BBN 070091
OUD/KALW. 14/9
GEM. SI/KALW. 100/8
MULTIPLE SIRES

Geboortegemak Waarde		SpeenkalF Waarde		Vrugbaarheids-waarde		Onderhouds-waarde		Koeiwaarde		Groei-waarde		Karkas-waarde	
105		91		95		116		92		81		92	

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
102	90	90	90	88	107	98	85	95	104	87	68	84	91	103	89

Spn. Indeks	365D Indeks	540D Indeks	GDT Indeks	VOV Indeks	Skrotum	LH
110	-	-	95	-	339	1.21

Miostation	
Q204X	0
NT821	0
F94L	0

OPMERKINGS:

LOGIX ANALYTICS EBV Analise: 2023-08-23

LOT 17
OPTIMUM BONSMARA

OPT 200245
2020-10-06
SP
Ouerskap **Vaar** **Moer**
DNS 
Genomies


HVD 160043
OPT 180147
OUD/KALW. 5/3
GEM. SI/KALW. 105/3
TKP 369

OLI 110374
HVD 130020
OUD/KALW. 10/7
GEM. SI/KALW. 98/6
TKP 362
DBP 150215
DBP 060036
OUD/KALW. 13/9
GEM. SI/KALW. 105/9
TKP 437

BBM 050050
BBN 050133
OUD/KALW. 9/7
GEM. SI/KALW. 95/7
BBN 090176
HVD 100021
OUD/KALW. 12/9
GEM. SI/KALW. 98/8
WAT 090100
DFP 080045
OUD/KALW. 8/5
GEM. SI/KALW. 108/5
FCT 000065
BHE 020102
OUD/KALW. 15/11
GEM. SI/KALW. 101/10

Geboortegemak Waarde		SpeenkalF Waarde		Vrugbaarheids-waarde		Onderhouds-waarde		Koeiwaarde		Groei-waarde		Karkas-waarde	
85		94		97		86		89		113		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
84	103	102	85	86	112	103	105	99	89	115	93	103	109	109	96

Spn. Indeks	365D Indeks	540D Indeks	GDT Indeks	VOV Indeks	Skrotum	LH
101	-	-	115	-	316	1.20

Miostation	
Q204X	0
NT821	0
F94L	0

OPMERKINGS:

LOGIX ANALYTICS EBV Analise: 2023-08-23

LOT 18
OPTIMUM BONSMARA

OPT 200225
2020-10-01
SP
Ouerskap **Vaar** **Moer**
DNS 
Genomies


HVD 160043
OPT 180095
OUD/KALW. 5/3
GEM. SI/KALW. 103/3
TKP 372

OLI 110374
HVD 130020
OUD/KALW. 10/7
GEM. SI/KALW. 98/6
TKP 362
WAT 140344
DBP 100005
OUD/KALW. 12/10
GEM. SI/KALW. 96/10
TKP 377

BBM 050050
BBN 050133
OUD/KALW. 9/7
GEM. SI/KALW. 95/7
BBN 090176
HVD 100021
OUD/KALW. 12/9
GEM. SI/KALW. 98/8
WAT 120166
WAT 120229
OUD/KALW. 4/2
GEM. SI/KALW. 107/2
DFP 070190
DFP 060072
OUD/KALW. 11/7
GEM. SI/KALW. 105/5

Geboortegemak Waarde		SpeenkalF Waarde		Vrugbaarheids-waarde		Onderhouds-waarde		Koeiwaarde		Groei-waarde		Karkas-waarde	
77		98		87		88		83		99		105	

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
74	114	90	108	78	107	98	106	106	107	113	91	101	100	106	94

Spn. Indeks	365D Indeks	540D Indeks	GDT Indeks	VOV Indeks	Skrotum	LH
103	-	-	98	-	357	1.20

Miostation	
Q204X	0
NT821	0
F94L	0

OPMERKINGS:

LOGIX ANALYTICS EBV Analise: 2023-08-23

BULLS

LOT 19
OPTIMUM BONSMARA


OPT 200300
2020-10-19
B

Parentage	Sire	Dam
DNA	✓	✓
Genomic		


OPT 180038

WAT 140344
AGE/CALV. 4/2
AVG. Wt/CALV. 107/2

WAT 120166
WAT 120229
AGE/CALV. 4/2
AVG. Wt/CALV. 107/2

DBP 100269
AGE/CALV. 9/5
AVG. Wt/CALV. 101/5
ICP 383

DFP 050026
DFP 030131
AGE/CALV. 12/10
AVG. Wt/CALV. 96/9

MULTIPLE SIRES

OLI 180185
AGE/CALV. 3/2
AVG. Wt/CALV. 101/2
ICP 396

OLI 060280
AGE/CALV. 12/10
AVG. Wt/CALV. 100/10
ICP 367

MULTIPLE SIRES

Calving Ease Value	Weaner Calf Value	Fertility Value	Maintenance Value	Cow Value	Growth Value	Carcass Value
118	90	87	114	91	93	89

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
121	81	102	106	96	91	86	83	89	85	88	84	92	85	95	95

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
96	-	-	101	-	356	1.20

Myostatin	
Q204X	0
NT821	0
F94L	0

REMARKS:

LOGIX
EBV Analysis: 2023-08-23

LOT 20
OPTIMUM BONSMARA


OPT 200412
2020-11-17
SP

Parentage	Sire	Dam
DNA	✓	
Genomic		


OPT 170038

JMP 060345

AB 050130

DBP 090208
AGE/CALV. 9/6
AVG. Wt/CALV. 100/6
ICP 424

DNN 010249
AGE/CALV. 8/5
AVG. Wt/CALV. 109/4

JRP 090081

JRP 100069
AGE/CALV. 7/4
AVG. Wt/CALV. 95/4

GBB 080237

OLI 170005
AGE/CALV. 6/4
AVG. Wt/CALV. 103/4
ICP 377

OLI 130019
AGE/CALV. 7/4
AVG. Wt/CALV. 102/4
ICP 486

BBN 050105
AGE/CALV. 15/11
AVG. Wt/CALV. 98/9

Calving Ease Value	Weaner Calf Value	Fertility Value	Maintenance Value	Cow Value	Growth Value	Carcass Value
91	103	97	88	98	91	103

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
88	102	115	118	98	96	99	96	108	111	111	113	109	112	91	97

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
99	-	-	93	-	358	1.18

Myostatin	
Q204X	0
NT821	0
F94L	0

REMARKS:

LOGIX
EBV Analysis: 2023-08-23

LOT 21
OPTIMUM BONSMARA


OPT 200318
2020-10-23
SP

Parentage	Sire	Dam
DNA	✓	
Genomic		


OPT 180042

DBP 150215

DFP 070100
AGE/CALV. 11/8
AVG. Wt/CALV. 95/7
ICP 415

DFP 050055

DFP 050010
AGE/CALV. 11/8
AVG. Wt/CALV. 103/8

TOR 050216

AG 140037

OLI 180214
AGE/CALV. 3/2
AVG. Wt/CALV. 95/2
ICP 425

OLI 150125
AGE/CALV. 8/5
AVG. Wt/CALV. 96/5
ICP 371

BBN 100244
AGE/CALV. 9/6
AVG. Wt/CALV. 96/4

Calving Ease Value	Weaner Calf Value	Fertility Value	Maintenance Value	Cow Value	Growth Value	Carcass Value
89	91	92	97	86	100	101

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
92	97	100	90	91	99	96	96	100	99	101	92	103	103	87	102

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
100	-	-	101	-	339	1.23

Myostatin	
Q204X	1
NT821	0
F94L	0

REMARKS:

LOGIX
EBV Analysis: 2023-08-23

BULLE

LOT 22

OPTIMUM BONSMARA

OPT 200067

2020-04-14

B

Ouerskap

Vaar

Moer

DNS

Genomies

OLI 140239

OPT 160223

OUD/KALW. 6/5

GEM. SI/KALW. 101/4

TKP 357

LAR 090349

BBN 090259

WAT 130106

DBP 090269

LAR 040287

LAR 050189

MMJ 050143

BBN 040038

WAT 110087

WAT 110029

DBP 060073

OUD/KALW. 10/7

GEM. SI/KALW. 102/7

OUD/KALW. 10/8

GEM. SI/KALW. 100/8

OUD/KALW. 6/1

GEM. SI/KALW. 105/1

Geboortegemak

Waarde

102

Speenkalf

Waarde

82

Vrugbaarheids-

waarde

100

Onderhouds-

waarde

98

Koeiwaarde

88

Groei-

waarde

94

Karkas-

waarde

95

Kalf en Moeder

Geb. Dir.

Spn. Dir.

Spn. Mat.

Skr. Omtr.

Vers Vrugb.

Koei Vrugb.

Lankl.

102

84

102

87

101

100

101

Na-Speen Groei

Na-Speen

GDT

VOV

89

99

97

Raam

Volw. Gewig

Hoogte

Lengte

100

91

100

Karkas

OSO

Vet

Mar

96

100

94

Spn. Indeks

365D Indeks

540D Indeks

GDT Indeks

VOV Indeks

Skrotum

LH

101

-

-

101

-

341

1.21

Miostatien

Q204X

NT821

F94L

0

0

0

OPMERKINGS:

EBV Analise: 2023-08-23

BULLS

LOT 25

OPTIMUM BONSMARA



OPT 200222
2020-09-29
SP

Parentage Sire Dam

DNA ✓ ✓

Genomic

HVD 160043



OPT 180150

AGE/CALV. 5/3
AVG. Wt/CALV. 94/3
ICP 375

OLI 110374

HVD 130020

AGE/CALV. 10/7
AVG. Wt/CALV. 98/6
ICP 362

DBP 150215

DBP 100166

AGE/CALV. 12/10
AVG. Wt/CALV. 103/9
ICP 381

BBM 050050

BBN 050133

AGE/CALV. 9/7
AVG. Wt/CALV. 95/7

BBN 090176

HVD 100021

AGE/CALV. 12/9
AVG. Wt/CALV. 98/8

WAT 090100

DFP 080045

AGE/CALV. 8/5
AVG. Wt/CALV. 108/5

DFP 060188

DFP 010087

AGE/CALV. 12/8
AVG. Wt/CALV. 102/7

Calving Ease
Value
95

Weaner Calf
Value
84

Fertility
Value
94

Maintenance
Value
90

Cow Value
81

Growth
Value
95

Carcass
Value
98

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	95	88	94	86	107	101	92	97	103	110	94	98	98	103	96

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
101	-	-	101	-	348	1.20

Myostatin	
Q204X	0
NT821	0
F94L	0

REMARKS:

LOGIX EBV Analysis: 2023-08-23

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	250	-	48.6	1.21	344	1.09 1.96	-0.22 -0.26	14.6 14.9	3.8 3.2	24 26	10 15	107 110	-49 -47	11.6 11.8	-4	16	104	102	100	101	4.0	109
1	LHB 190066	M	SP	45	289	-	45.3	1.24	306	2.95	-0.76	28.7	5.4	55.3	39.3	210	-64	3.5	10	46	108	113	88	97	8	109
2	OPT 200110	M	SP	48	262	-	35.2	1.22	327	3.81	-0.28	14.2	4.5	21.9	31.5	111	-55	1.7	-9	13	114	92	85	104	4	109
3	OPT 190035	M	SP	32	281	-	67.8	1.26	333	0.30	-0.83	15.1	0.9	24.0	4.8	46	-6	7.4	-17	8	110	113	94	104	5	104
4	HVD 180208	M	SP	38	234	-	44.6	1.20	338	1.62	0.50	15.2	0.3	27.8	6.1	124	-64	5	-3	12	104	117	90	98	4	102
5	MBT 200279	M	SP	48	270	-	43.7	1.22	374	6.50	-0.41	30.9	3.6	59.9	38.5	269	-79	38.2	23	58	107	118	141	103	4	110
6	HVD 180161	M	SP	40	231	-	43.9	1.17	366	0.80	0.03	16.3	2.6	29.8	23.3	138	-58	22.2	4	19	101	94	116	96	10	112
7	OPT 200078	M	SP	38	231	-	43.6	1.18	352	1.47	0.04	13.7	3.2	22.0	6.8	114	-60	18.2	4	13	103	101	110	97	3	115
8	OLI 170174	M	SP	27	249	-	48.4	1.21	377	1.57	-0.66	22.6	1.2	36.3	16.4	130	-35	34.4	3	34	105	109	135	105	2	95
9	OPT 200112	M	SP	42	241	-	38.8	1.24	333	2.14	-0.71	9.2	1.4	17.2	12.6	59	-29	3.2	-15	8	106	97	87	99	3	93
10	OPT 200013	M	SP	41	227	-	62.1	1.22	370	2.04	0.12	14.3	4.9	26.1	-13.9	138	-38	18	-6	17	99	109	110	99	2	103
11	OPT 200081	M	SP	36	230	-	48.2	1.20	318	0.60	-0.41	11.7	-1.6	18.3	-0.9	73	-41	-3.7	-18	0	103	95	77	97	5	114
12	OPT 200115	M	SP	44	252	-	49.7	1.22	334	1.51	-0.57	8.6	3.6	12.0	0.9	30	-24	3.6	-5	13	115	94	88	108	4	104
13	OPT 200354	M	SP	31	243	-	45.1	1.16	333	2.03	-0.42	11.6	6.5	19.7	32.7	98	-69	7.7	-6	4	102	95	94	98	3	111
14	OPT 200123	M	SP	44	260	-	47	1.22	347	1.94	-0.14	11.6	1.6	14.6	2.4	35	-24	2.9	-22	-3	115	95	87	108	2	104
15	OPT 200420	M	SP	36	258	-	43.1	1.19	340	1.38	-0.39	14.4	4.4	23.6	34.8	102	-59	11.5	1	12	96	92	100	96	3	104
16	OPT 200209	M	SP	35	256	-	59.1	1.21	339	0.90	-0.70	10.0	1.0	15.5	-4.5	80	-58	5	-25	-6	110	95	90	108	3	101
17	OPT 200245	M	SP	41	252	-	47.9	1.20	316	2.75	-0.23	15.9	4.5	30.6	26.5	100	-27	2.1	-4	20	101	115	85	105	3	115
18	OPT 200225	M	SP	47	262	-	52.2	1.20	357	3.88	-0.23	20.7	0.9	31.0	24.7	137	-64	16.9	-6	17	103	98	108	103	3	114
19	OPT 200300	M	B	31	231	-	50.9	1.20	356	-1.14	0.15	6.1	4.5	13.2	-3.2	52	-19	15.6	-12	4	96	101	106	101	2	122
20	OPT 200412	M	SP	35	265	-	45.1	1.18	358	2.36	-0.68	15.6	8.2	23.6	22.6	147	-71	23.1	12	27	99	93	118	103	4	107
21	OPT 200318	M	SP	40	249	-	53.7	1.23	339	1.96	0.29	13.4	3.8	22.8	10.8	106	-46	5.1	-5	20	100	101	90	95	2	119
22	OPT 200067	M	B	36	226	-	47.1	1.21	341	0.89	-0.23	7.3	4.5	17.4	9.7	100	-43	2.8	-6	15	101	101	87	101	5	117
23	OPT 200091	M	SP	40	249	-	47.3	1.17	360	1.30	-0.23	14.9	1.3	25.5	15.2	99	-61	15.8	2	10	111	98	106	103	10	115
24	OPT 200306	M	SP	46	252	-	53.4	1.18	345	3.45	1.04	18.3	9.5	39.5	25.5	169	-38	27.9	12	34	99	113	125	99	1	120
25	OPT 200222	M	SP	40	250	-	52.4	1.20	348	2.03	-0.77	12.3	0.5	20.4	20.8	94	-54	7.8	-4	13	101	101	94	94	3	115

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