

AMPTELIKE VEILINGSKATALOGUS VIR / OFFICIAL AUCTION CATALOGUE FOR

TOWTON BONSMARAS

Veilingsdatum / Auction Date:
20 April 2022

Data soos op / Data as on:
05 April 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

2 CO-OWNER(S)
USED IN HERD
12

DEF 100066 P

DEF 050022
7

GHI 070076 HH(c)
8

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

JKL 000077 P

ABC 080011

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

MNO 030002
13

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.
- Number of owners/co-owners/users/semen-users - if more than 1 user
- Dam information
 - Age and Number of Calvings
 - Average Wean Index and Number of Calves Weaned
 - Intercalving Period

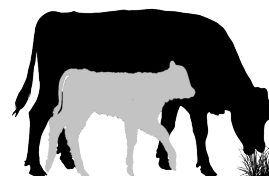
MYOSTATIN STATUS

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

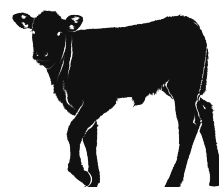


5 L♀ GIX Cow Value

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

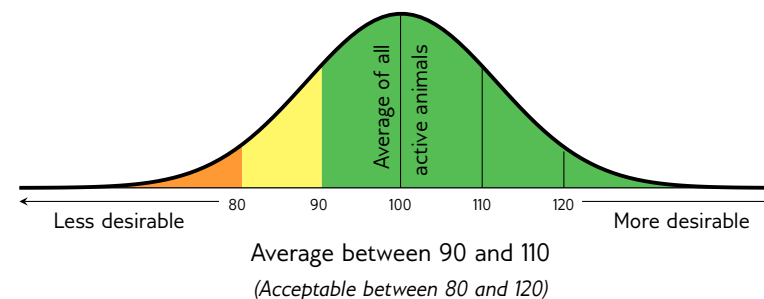
Selection for higher meat yield on carcass



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

CSW 190011
2019-05-09
SP

Parentage Sire Dam
DNA ☒
Genomic ☐


CSW 160015

CSW 160133 P
AGE/CALV. 5/3
AVG. Wt/CALV. 111/2
ICP 436

CSW 120206

CSW 130134
AGE/CALV. 4/2
AVG. Wt/CALV. 98/1
ICP 758

CSW 120199

CSW 120240
AGE/CALV. 6/3
AVG. Wt/CALV. 102/2
ICP 462

CSW 080018
AGE/CALV. 11/9
AVG. Wt/CALV. 104/8

CSW 060129

CSW 070130
AGE/CALV. 14/12
AVG. Wt/CALV. 92/12

BBM 080030

CSW 070013 HH(c)
AGE/CALV. 13/11
AVG. Wt/CALV. 103/11

BG 090150

CSW 080190
AGE/CALV. 9/6
AVG. Wt/CALV. 98/6

Calving Ease Value
117

Weaner Calf Value
110

Fertility Value
99

Maintenance Value
118

Cow Value
113

Growth Value
94

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
117	95	110	104	95	90	122	91	97	99	85	97	101	101	106	82

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
118	98	98	-	-	-	-

REMARKS: Vers bul met baie melk

EBV Analysis: 2022-03-18

Myostatin	
Q204X	0
NT821	0
F94L	0

LOT 2

CSW 190026
2019-05-19
SP

Parentage Sire Dam
DNA ☒
Genomic ☐


CSW 160015

CSW 160128 P
AGE/CALV. 5/3
AVG. Wt/CALV. 102/3
ICP 379

CSW 120206

CSW 130134
AGE/CALV. 4/2
AVG. Wt/CALV. 98/1
ICP 758

CSW 110065

CSW 100080
AGE/CALV. 11/9
AVG. Wt/CALV. 93/9
ICP 393

CSW 080018
AGE/CALV. 11/9
AVG. Wt/CALV. 104/8

CSW 060129

CSW 070130
AGE/CALV. 14/12
AVG. Wt/CALV. 92/12

CSW 070097

CSW 070088
AGE/CALV. 11/8
AVG. Wt/CALV. 97/8

LAR 000084

CSW 030020
AGE/CALV. 12/10
AVG. Wt/CALV. 98/9

Calving Ease Value
106

Weaner Calf Value
89

Fertility Value
92

Maintenance Value
109

Cow Value
90

Growth Value
87

Carcass Value
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
107	88	99	100	88	86	124	87	90	97	91	95	93	91	104	85

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
103	96	96	-	-	-	-

REMARKS: Vers bul

EBV Analysis: 2022-03-18

Myostatin	
Q204X	0
NT821	0
F94L	0

LOT 3

CSW 190003
2019-04-28
SP

Parentage Sire Dam
DNA ☒
Genomic ☐


CSW 160015

CSW 150143 P
AGE/CALV. 6/4
AVG. Wt/CALV. 109/3
ICP 485

CSW 120206

CSW 130134
AGE/CALV. 4/2
AVG. Wt/CALV. 98/1
ICP 758

CSW 110026

CSW 090096
AGE/CALV. 8/7
AVG. Wt/CALV. 98/7
ICP 376

CSW 080018
AGE/CALV. 11/9
AVG. Wt/CALV. 104/8

CSW 060129

CSW 070130
AGE/CALV. 14/12
AVG. Wt/CALV. 92/12

WAT 020325

CSW 080097
AGE/CALV. 13/11
AVG. Wt/CALV. 101/10

CSW 050024

CSW 050110
AGE/CALV. 6/3
AVG. Wt/CALV. 108/3

Calving Ease Value
128

Weaner Calf Value
100

Fertility Value
96

Maintenance Value
98

Cow Value
104

Growth Value
91

Carcass Value
94

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
125	89	106	103	96	84	120	88	94	98	100	92	98	100	103	84

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
131	106	106	-	-	-	-

REMARKS: 9 Punt bul, goeie kalwingsgemak en baie melk

EBV Analysis: 2022-03-18

Myostatin	
Q204X	1
NT821	0
F94L	0

BULLE

LOT 4
TOWTON BONSMARAS



CSW 190075
2019-09-29
SP

Ouerskap Vaar Moer

DNS

Genomies



CSW 160015

CSW 170050
OUD/KALW. 5/2
GEM. SI/KALW. 109/2
TKP 422

CSW 120206

CSW 130134
OUD/KALW. 4/2
GEM. SI/KALW. 98/1
TKP 758

CSW 130253

JJ 080081
OUD/KALW. 13/10
GEM. SI/KALW. 104/9
TKP 421

CSW 080018
OUD/KALW. 11/9
GEM. SI/KALW. 104/8

CSW 100066
OUD/KALW. 11/9
GEM. SI/KALW. 104/8

CSW 060129

CSW 070130
OUD/KALW. 14/12
GEM. SI/KALW. 92/12

CSW 090137 Pp(c)

CSW 100007
OUD/KALW. 12/8
GEM. SI/KALW. 105/8

JJ 050056

JJ 030138
OUD/KALW. 7/5
GEM. SI/KALW. 103/5

Geboortegemak Waarde 95	Speenkalv Waarde 115	Vrugbaarheids-waarde 98	Onderhouds-waarde 82	Koeiwaarde 107	Groei-waarde 103	Karkas-waarde 108
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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
92	113	114	103	85	98	127	116	107	110	119	104	107	112	96	89

Spn. Indeks	365D Indeks	540D Indeks	GDT Indeks	VOV Indeks	Skrotum	LH
114	116	111	-	-	-	-

EBV Analiese: 2022-03-18

Miostatien	
Q204X	0
NT821	0
F94L	0

OPMERKINGS: Kyk sy melk en speen direk met gladde haarkleed

LOT 5
TOWTON BONSMARAS



CSW 170005
2017-03-20
SP

Ouerskap Vaar Moer

DNS

Genomies

1 MEDE-GEBRUIKER(S)
GEBRUIK IN KUDDE (39)



CSW 130253

CSW 090012
OUD/KALW. 13/11
GEM. SI/KALW. 97/9
TKP 403

CSW 090137 Pp(c)

CSW 100007
OUD/KALW. 12/8
GEM. SI/KALW. 105/8
TKP 425

VBB 060029

CSW 060201
OUD/KALW. 3/1
GEM. SI/KALW. 106/1
TKP -

CSW 050024

CSW 040029
OUD/KALW. 14/11
GEM. SI/KALW. 97/11

LAR 000084

CSW 060164
OUD/KALW. 7/5
GEM. SI/KALW. 103/4

AG J 0008

BHE 030121
OUD/KALW. 8/3
GEM. SI/KALW. 101/3

CSW 010014

CSW 030132
OUD/KALW. 7/5
GEM. SI/KALW. 106/5

Geboortegemak Waarde 101	Speenkalv Waarde 107	Vrugbaarheids-waarde 106	Onderhouds-waarde 87	Koeiwaarde 104	Groei-waarde 113	Karkas-waarde 114
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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
97	117	81	106	101	97	120	112	114	113	114	108	110	118	78	87

Spn. Indeks	365D Indeks	540D Indeks	GDT Indeks	VOV Indeks	Skrotum	LH
99	96	101	-	-	-	-

EBV Analiese: 2022-03-18

Miostatien	
Q204X	Nie Getoets
NT821	Nie Getoets
F94L	Nie Getoets

OPMERKINGS: Behou twee mede eienaarskappe, Lees sy stam-bome mooi, Top top bul

LOT 6
TOWTON BONSMARAS



CSW 190072
2019-09-29
SP

Ouerskap Vaar Moer

DNS

Genomies



CSW 150061

CSW 120096
OUD/KALW. 9/6
GEM. SI/KALW. 107/6
TKP 463

CSW 090137 Pp(c)

CSW 080097
OUD/KALW. 13/11
GEM. SI/KALW. 101/10
TKP 380

MCU 070007 P

CSW 060109
OUD/KALW. 10/8
GEM. SI/KALW. 111/7
TKP 366

CSW 050024

CSW 040029
OUD/KALW. 14/11
GEM. SI/KALW. 97/11

LAR 000084

CSW 000040
OUD/KALW. 10/7
GEM. SI/KALW. 99/8

JPL 040139 P

MCU 030040 P
OUD/KALW. 15/9
GEM. SI/KALW. 110/9

CSW 020183

CSW 040069
OUD/KALW. 10/8
GEM. SI/KALW. 93/7

Geboortegemak Waarde 97	Speenkalv Waarde 114	Vrugbaarheids-waarde 101	Onderhouds-waarde 88	Koeiwaarde 108	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
94	113	107	113	91	100	118	112	114	109	112	109	115	108	117	104

Spn. Indeks	365D Indeks	540D Indeks	GDT Indeks	VOV Indeks	Skrotum	LH
104	107	103	-	-	-	-

EBV Analiese: 2022-03-18

Miostatien	
Q204X	1
NT821	0
F94L	0

OPMERKINGS: Donker gevleesde bul met baie melk en groei, In kudde gebruik

BULLS

LOT 7

CSW 190006 HH(c)
 2019-05-06
 SP
 Parentage Sire Dam
 DNA ☒
 Genomic ☐

PAD 150130

CSW 160061
 AGE/CALV. 5/3
 AVG. Wt/CALV. 113/2
 ICP 457

KVB 110101
PAD 110060
 AGE/CALV. 10/8
 AVG. Wt/CALV. 105/8
 ICP 361
CSW 110026
CSW 070152
 AGE/CALV. 12/10
 AVG. Wt/CALV. 98/10
 ICP 388

KVB 080103
KVB 030142
 AGE/CALV. 15/11
 AVG. Wt/CALV. 101/10
PAD 060050
AG 920076
 AGE/CALV. 21/18
 AVG. Wt/CALV. 103/18
WAT 020325
CSW 080097
 AGE/CALV. 13/11
 AVG. Wt/CALV. 101/10
CSW 030167
CSW 950119
 AGE/CALV. 15/13
 AVG. Wt/CALV. 100/13

Calving Ease Value 117	Weaner Calf Value 103	Fertility Value 113	Maintenance Value 88	Cow Value 111	Growth Value 101	Carcass Value 101
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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
112	101	97	109	110	98	121	100	99	96	112	92	100	105	97	94

Wean Index 122	365D Index 105	540D Index 107	ADG Index -	FCR Index -	Scrotum -	LH -
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REMARKS: Vers bul met baie goeie syfer
 EBV Analysis: 2022-03-18

Myostatin	
Q204X	0
NT821	0
F94L	0

LOT 8A

LAR 170429
 2017-11-17
 SP
 Parentage Sire Dam
 DNA ☒
 Genomic ☐

JRP 140073

LAR 090315
 AGE/CALV. 12/9
 AVG. Wt/CALV. 110/8
 ICP 430

GCD 090111
JRP 110003
 AGE/CALV. 6/3
 AVG. Wt/CALV. 99/3
 ICP 411
LAR 060224
LAR 040256
 AGE/CALV. 17/13
 AVG. Wt/CALV. 104/12
 ICP 409

DAJ 050055
GCD 050053
 AGE/CALV. 5/2
 AVG. Wt/CALV. 104/2
LAR 070055
JRP 080026
 AGE/CALV. 12/10
 AVG. Wt/CALV. 97/10
LAR 010297
LAR 020180
 AGE/CALV. 19/15
 AVG. Wt/CALV. 108/14
LAR 000084
LAR 960236
 AGE/CALV. 18/12
 AVG. Wt/CALV. 107/12

Calving Ease Value 76	Weaner Calf Value 126	Fertility Value 86	Maintenance Value 84	Cow Value 105	Growth Value 127	Carcass Value 127
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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	125	123	113	76	96	115	132	125	114	116	113	121	137	77	78

Wean Index 118	365D Index -	540D Index -	ADG Index 108	FCR Index -	Scrotum 330	LH 1.23
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REMARKS:
 EBV Analysis: 2022-03-18

Myostatin	
Q204X	0
NT821	0
F94L	0

LOT 8

CSW 190019
 2019-05-15
 SP
 Parentage Sire Dam
 DNA ☒
 Genomic ☐

CSW 160015

CSW 100174
 AGE/CALV. 11/9
 AVG. Wt/CALV. 101/9
 ICP 392

CSW 120206
CSW 130134
 AGE/CALV. 4/2
 AVG. Wt/CALV. 98/1
 ICP 758
LAR 000084
CSW 010076
 AGE/CALV. 10/6
 AVG. Wt/CALV. 110/6
 ICP 519

CSW 080018
CSW 100066
 AGE/CALV. 11/9
 AVG. Wt/CALV. 104/8
CSW 060129
CSW 070130
 AGE/CALV. 14/12
 AVG. Wt/CALV. 92/12
AG 960059
LAR 970205
 AGE/CALV. 14/8
 AVG. Wt/CALV. 104/7
BG 960125
CSW 930023
 AGE/CALV. 9/6
 AVG. Wt/CALV. 101/6

Calving Ease Value 100	Weaner Calf Value 99	Fertility Value 92	Maintenance Value 99	Cow Value 96	Growth Value 91	Carcass Value 94
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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
99	96	111	105	90	87	118	98	96	103	99	97	97	97	105	86

Wean Index 113	365D Index 107	540D Index 104	ADG Index -	FCR Index -	Scrotum -	LH -
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REMARKS: In kudde self gebruik, Baie melk en gladde haarkleed
 EBV Analysis: 2022-03-18

Myostatin	
Q204X	Not Tested
NT821	Not Tested
F94L	Not Tested

BULLE

LOT 9
TOWTON BONSMARAS



CSW 190046 Pp(c)
2019-06-05
SP

Ouerskap Vaar Moer

DNS

Genomies



CSW 150148 P

CSW 110204
OUD/KALW. 8/5
GEM. SI/KALW. 97/5
TKP 436

CSW 080110
OUD/KALW. 10/8
GEM. SI/KALW. 99/8
TKP 387

CSW 050024

CSW 040029
OUD/KALW. 14/11
GEM. SI/KALW. 97/11
TKP 386

WAT 020325

CSW 080097
OUD/KALW. 13/11
GEM. SI/KALW. 101/10

LEL H 0087

CSW 040041
OUD/KALW. 6/3
GEM. SI/KALW. 110/3

BG 020058 Pp(c)

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

CSW 000149

CSW 980144
OUD/KALW. 6/4
GEM. SI/KALW. 105/3

Geboortegemak Waarde
113

Speenkalv Waarde
87

Vrugbaarheids-waarde
99

Onderhouds-waarde
91

Koeiwaarde
92

Groei-waarde
89

Karkas-waarde
89

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
110	88	99	100	97	92	116	87	90	93	109	86	92	93	93	87

Spn. Indeks	365D Indeks	540D Indeks	GDT Indeks	VOV Indeks	Skrotum	LH
94	103	98	-	-	-	-

EBV Analiese: 2022-03-18

Miostatien	
Q204X	0
NT821	0
F94L	0

OPMERKINGS: Poena vers bul, Manlike houding

LOT 10
TOWTON BONSMARAS



CSW 190036
2019-05-28
SP

Ouerskap Vaar Moer

DNS

Genomies



CSW 160009

CSW 120250 P
OUD/KALW. 5/2
GEM. SI/KALW. 94/2
TKP 628

CSW 120199

CSW 120179
OUD/KALW. 9/6
GEM. SI/KALW. 103/6
TKP 410

BBM 070055 HH(c)

JRB 030026
OUD/KALW. 18/14
GEM. SI/KALW. 109/13

CSW 090137 Pp(c)

CSW 090004
OUD/KALW. 8/6
GEM. SI/KALW. 95/5

BBM 080030

CSW 070013 HH(c)
OUD/KALW. 13/11
GEM. SI/KALW. 103/11

CSW 020087

CSW 070019
OUD/KALW. 10/6
GEM. SI/KALW. 99/6

Geboortegemak Waarde
99

Speenkalv Waarde
100

Vrugbaarheids-waarde
92

Onderhouds-waarde
113

Koeiwaarde
96

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
97	98	99	100	88	90	116	99	92	93	89	97	99	96	103	95

Spn. Indeks	365D Indeks	540D Indeks	GDT Indeks	VOV Indeks	Skrotum	LH
100	104	103	-	-	-	-

EBV Analiese: 2022-03-18

Miostatien	
Q204X	0
NT821	0
F94L	0

OPMERKINGS: Poena bul met BBM 07-055 en BBM 08-030 in sy bloedlyn

LOT 11
TOWTON BONSMARAS



CSW 190077 HH(c)
2019-10-03
SP

Ouerskap Vaar Moer

DNS

Genomies



CSW 140089 P

CSW 110159
OUD/KALW. 10/7
GEM. SI/KALW. 95/6
TKP 452

BBM 080030

CSW 130184
OUD/KALW. 8/6
GEM. SI/KALW. 92/5
TKP 418

CSW 060169
OUD/KALW. 10/7
GEM. SI/KALW. 96/7
TKP 386

CSW 090137 Pp(c)

CSW 040029
OUD/KALW. 14/11
GEM. SI/KALW. 97/11

CSW 060129

CSW 020118
OUD/KALW. 13/11
GEM. SI/KALW. 101/10

JRB 000116

BBM 040069
OUD/KALW. 16/14
GEM. SI/KALW. 100/13

CSW 020174

CSW 010076
OUD/KALW. 10/6
GEM. SI/KALW. 110/6

Geboortegemak Waarde
88

Speenkalv Waarde
85

Vrugbaarheids-waarde
90

Onderhouds-waarde
95

Koeiwaarde
78

Groei-waarde
85

Karkas-waarde
91

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
83	101	80	96	88	86	117	92	89	98	104	96	95	98	98	79

Spn. Indeks	365D Indeks	540D Indeks	GDT Indeks	VOV Indeks	Skrotum	LH
95	95	97	-	-	-	-

EBV Analiese: 2022-03-18

Miostatien	
Q204X	0
NT821	0
F94L	0

OPMERKINGS: Dik bul uit CSW 14-089 en CSW 09-0137 (Brandoor)

BULLS

LOT 12

CSW 190029
 2019-05-22
 SP
 Parentage Sire Dam
 DNA
 Genomic


CSW 160015
 AGE/CALV. 6/4
 AVG. Wt/CALV. 103/4
 ICP 415

CSW 120206
 AGE/CALV. 11/9
 AVG. Wt/CALV. 104/8
CSW 130134
 AGE/CALV. 4/2
 AVG. Wt/CALV. 98/1
 ICP 758
CSW 110065
CSW 150083
 AGE/CALV. 6/4
 AVG. Wt/CALV. 103/4
 ICP 415
CSW 050006
 AGE/CALV. 16/12
 AVG. Wt/CALV. 105/11
 ICP 382

CSW 080018
 AGE/CALV. 11/9
 AVG. Wt/CALV. 104/8
CSW 060129
CSW 070130
 AGE/CALV. 14/12
 AVG. Wt/CALV. 92/12
CSW 070097
CSW 070088
 AGE/CALV. 11/8
 AVG. Wt/CALV. 97/8
BG 020058 Pp(c)
CSW 020180
 AGE/CALV. 4/2
 AVG. Wt/CALV. 109/2

Calving Ease Value	Weaner Calf Value	Fertility Value	Maintenance Value	Cow Value	Growth Value	Carcass Value
109	97	94	112	100	87	92

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
112	87	114	101	92	86	121	88	92	96	89	97	99	96	103	85

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
107	101	101	-	-	-	-

REMARKS: Vers bul met baie melk en goeie speen indeks

EBV Analysis: 2022-03-18

Myostatin	
Q204X	0
NT821	0
F94L	0

LOT 13

CSW 190068
 2019-09-23
 SP
 Parentage Sire Dam
 DNA
 Genomic


CSW 160015
 AGE/CALV. 4/2
 AVG. Wt/CALV. 98/1
 ICP 758
CSW 170099
 AGE/CALV. 4/2
 AVG. Wt/CALV. 102/2
 ICP 593

CSW 120206
 AGE/CALV. 11/9
 AVG. Wt/CALV. 104/8
CSW 130134
 AGE/CALV. 4/2
 AVG. Wt/CALV. 98/1
 ICP 758
CSW 130253
CSW 060022
 AGE/CALV. 13/9
 AVG. Wt/CALV. 106/9
 ICP 481

CSW 080018
 AGE/CALV. 11/9
 AVG. Wt/CALV. 104/8
CSW 060129
CSW 070130
 AGE/CALV. 14/12
 AVG. Wt/CALV. 92/12
CSW 090137 Pp(c)
CSW 100007
 AGE/CALV. 12/8
 AVG. Wt/CALV. 105/8
BG 020058 Pp(c)
CSW 030117
 AGE/CALV. 6/4
 AVG. Wt/CALV. 108/4

Calving Ease Value	Weaner Calf Value	Fertility Value	Maintenance Value	Cow Value	Growth Value	Carcass Value
119	101	99	105	106	90	92

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
118	91	106	96	94	89	127	95	94	101	93	91	95	99	90	74

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
96	93	96	-	-	-	-

REMARKS: Dik vers bul met genoeg melk

EBV Analysis: 2022-03-18

Myostatin	
Q204X	0
NT821	0
F94L	0

LOT 14

CSW 190110 Pp(c)
 2019-11-26
 SP
 Parentage Sire Dam
 DNA
 Genomic


CSW 150064 P
 AGE/CALV. 5/3
 AVG. Wt/CALV. 99/3
 ICP 456
CSW 160073 P
 AGE/CALV. 5/3
 AVG. Wt/CALV. 99/3
 ICP 456

CSW 110026
 AGE/CALV. 8/5
 AVG. Wt/CALV. 98/3
 ICP 465
CSW 110184
 AGE/CALV. 8/5
 AVG. Wt/CALV. 98/3
 ICP 465
CSW 110065
CSW 080115
 AGE/CALV. 10/8
 AVG. Wt/CALV. 102/8
 ICP 389

WAT 020325
CSW 080097
 AGE/CALV. 13/11
 AVG. Wt/CALV. 101/10
CSW 050024
CSW 060009
 AGE/CALV. 6/4
 AVG. Wt/CALV. 97/4
CSW 070097
CSW 070088
 AGE/CALV. 11/8
 AVG. Wt/CALV. 97/8
LAR 000084
CSW 000033
 AGE/CALV. 12/11
 AVG. Wt/CALV. 102/10

Calving Ease Value	Weaner Calf Value	Fertility Value	Maintenance Value	Cow Value	Growth Value	Carcass Value
106	90	105	97	97	92	94

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	90	103	103	102	95	120	87	95	98	101	90	95	96	99	96

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
106	93	103	-	-	-	-

REMARKS: Donker gladde poena vers bul met genoeg melk

EBV Analysis: 2022-03-18

Myostatin	
Q204X	0
NT821	0
F94L	0

BULLE

LOT 15

TOWTON BONSMARAS
CSW 190004
 2019-05-03
 SP
 Ouerskap Vaar Moer
 DNS ☒
 Genomies


CSW 160015

CSW 160089
 OUD/KALW. 5/2
 GEM. SI/KALW. 105/2
 TKP 581

CSW 120206

CSW 130134
 OUD/KALW. 4/2
 GEM. SI/KALW. 98/1
 TKP 758

CSW 110065

CSW 100172
 OUD/KALW. 11/9
 GEM. SI/KALW. 104/7
 TKP 372

CSW 080018
CSW 100066
 OUD/KALW. 11/9
 GEM. SI/KALW. 104/8
CSW 060129
CSW 070130
 OUD/KALW. 14/12
 GEM. SI/KALW. 92/12
CSW 070097
CSW 070088
 OUD/KALW. 11/8
 GEM. SI/KALW. 97/8
LAR 000084
CSW 060050
 OUD/KALW. 6/3
 GEM. SI/KALW. 103/3

Geboortegemak Waarde	Speenkalf Waarde	Vrugbaarheids-waarde	Onderhouds-waarde	Koeiwaarde	Groei-waarde	Karkas-waarde
101	95	86	105	90	88	91

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	92	106	99	84	80	123	93	92	99	93	95	94	94	108	89

Spn. Indeks	365D Indeks	540D Indeks	GDT Indeks	VOV Indeks	Skrotum	LH
103	100	100	-	-	-	-

EBV Analiese: 2022-03-18

Miostatien	
Q204X	0
NT821	0
F94L	0

OPMERKINGS: Goeie kalwingsgemak en genoeg melk

LOT 16

TOWTON BONSMARAS
CSW 190095 HH(c)
 2019-11-05
 SP
 Ouerskap Vaar Moer
 DNS ☐
 Genomies


CSW 150148 P

CSW 140064 P
 OUD/KALW. 7/5
 GEM. SI/KALW. 99/5
 TKP 422

CSW 110026

CSW 080110
 OUD/KALW. 10/8
 GEM. SI/KALW. 99/8
 TKP 387

CSW 090137 Pp(c)

CSW 110201
 OUD/KALW. 3/1
 GEM. SI/KALW. 112/1
 TKP -

WAT 020325
CSW 080097
 OUD/KALW. 13/11
 GEM. SI/KALW. 101/10
LEL H 0087
CSW 040041
 OUD/KALW. 6/3
 GEM. SI/KALW. 110/3
CSW 050024
CSW 040029
 OUD/KALW. 14/11
 GEM. SI/KALW. 97/11
BG 080142
CSW 080055
 OUD/KALW. 8/7
 GEM. SI/KALW. 104/6

Geboortegemak Waarde	Speenkalf Waarde	Vrugbaarheids-waarde	Onderhouds-waarde	Koeiwaarde	Groei-waarde	Karkas-waarde
111	98	109	103	107	94	98

Kalf en Moeder			Vrugbaarheid				Na-Speen Groei			Raam			Karkas		
Geb. Dir.	Spn. Dir.	Spn. Mat.	Skr. Omtr.	Vers Vrugb.	Koei Vrugb.	Lankl.	Na-Speen	GDT	VOV	Volw. Gewig	Hoogte	Lengte	OSO	Vet	Mar
108	95	99	107	103	102	119	87	97	100	95	93	100	103	92	87

Spn. Indeks	365D Indeks	540D Indeks	GDT Indeks	VOV Indeks	Skrotum	LH
96	91	90	-	-	-	-

EBV Analiese: 2022-03-18

Miostatien	
Q204X	0
NT821	0
F94L	0

OPMERKINGS: Vers bul met hoouding

LOT 17

TOWTON BONSMARAS
CSW 190061 Pp(c)
 2019-07-05
 SP
 Ouerskap Vaar Moer
 DNS ☐
 Genomies


CSW 160015

CSW 150155
 OUD/KALW. 6/4
 GEM. SI/KALW. 100/2
 TKP 467

CSW 120206

CSW 130134
 OUD/KALW. 4/2
 GEM. SI/KALW. 98/1
 TKP 758

CSW 110065

CSW 090190
 OUD/KALW. 12/8
 GEM. SI/KALW. 111/8
 TKP 469

CSW 080018
CSW 100066
 OUD/KALW. 11/9
 GEM. SI/KALW. 104/8
CSW 060129
CSW 070130
 OUD/KALW. 14/12
 GEM. SI/KALW. 92/12
CSW 070097
CSW 070088
 OUD/KALW. 11/8
 GEM. SI/KALW. 97/8
CSW 050170
CSW 070102
 OUD/KALW. 6/5
 GEM. SI/KALW. 100/4

Geboortegemak Waarde	Speenkalf Waarde	Vrugbaarheids-waarde	Onderhouds-waarde	Koeiwaarde	Groei-waarde	Karkas-waarde
94	100	88	113	94	92	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
98	96	108	102	88	78	122	91	94	98	89	100	100	98	107	87

Spn. Indeks	365D Indeks	540D Indeks	GDT Indeks	VOV Indeks	Skrotum	LH
110	96	91	-	-	-	-

EBV Analiese: 2022-03-18

Miostatien	
Q204X	1
NT821	0
F94L	0

OPMERKINGS: Bul met baie melk en 'n goeie speen indeks

BULLS

LOT 18
TOWTON BONSMARAS



CSW 190073
2019-09-29
SP

Parentage Sire Dam

DNA

Genomic



CSW 160015

CSW 170108
AGE/CALV. 4/3
AVG. Wt/CALV. 107/2
ICP 391

CSW 120206

CSW 130134
AGE/CALV. 4/2
AVG. Wt/CALV. 98/1
ICP 758

CSW 130253

CSW 100037
AGE/CALV. 8/5
AVG. Wt/CALV. 105/4
ICP 426

CSW 080018
AGE/CALV. 11/9
AVG. Wt/CALV. 104/8

CSW 060129
CSW 070130
AGE/CALV. 14/12
AVG. Wt/CALV. 92/12

CSW 090137 Pp(c)

CSW 100007
AGE/CALV. 12/8
AVG. Wt/CALV. 105/8

DBT 030036

CSW 050156
AGE/CALV. 8/6
AVG. Wt/CALV. 103/6

Calving Ease Value 102

Weaner Calf Value 110

Fertility Value 101

Maintenance Value 96

Cow Value 108

Growth Value 104

Carcass Value 104

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar
101	106	109	99	92	96	125	110	105	106	102	108	106	106	92	82

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
110	112	107	-	-	-	-

REMARKS: "All rounder" met goeie syfers

EBV Analysis: 2022-03-18

Myostatin

Q204X 0

NT821 0

F94L 0

LOT 19
TOWTON BONSMARAS



CSW 190092 Pp(c)
2019-11-03
SP

Parentage Sire Dam

DNA

Genomic



CSW 150148 P

CSW 130056
AGE/CALV. 8/5
AVG. Wt/CALV. 102/5
ICP 460

CSW 110026

CSW 080110
AGE/CALV. 10/8
AVG. Wt/CALV. 99/8
ICP 387

CSW 060129

CSW 060171
AGE/CALV. 7/5
AVG. Wt/CALV. 93/5
ICP 389

WAT 020325

CSW 080097
AGE/CALV. 13/11
AVG. Wt/CALV. 101/10

LEL H 0087

CSW 040041
AGE/CALV. 6/3
AVG. Wt/CALV. 110/3

CSW 010014

CSW 000074
AGE/CALV. 15/12
AVG. Wt/CALV. 103/11

CSW 020035

CSW 010008
AGE/CALV. 13/10
AVG. Wt/CALV. 106/10

Calving Ease Value 104

Weaner Calf Value 97

Fertility Value 107

Maintenance Value 113

Cow Value 106

Growth Value 90

Carcass Value 94

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar
101	87	113	106	102	101	116	88	93	98	89	93	95	96	109	83

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
94	99	100	-	-	-	-

REMARKS: Poena vers bul met meer as genoeg melk

EBV Analysis: 2022-03-18

Myostatin

Q204X 1

NT821 0

F94L 0

Dier Info				Actual Values						Expected Breeding Values										Indices				Dam		
LOT	Animal ID	Sex	SEC	Birth Wt (kg)	205d Wt (kg)	CCB Ratio	CCW Ratio	Length Height Ratio	Scr. Circ. (mm)	Birth Dir (kg)	Birth Mat (kg)	Wean Dir (kg)	Wean Mat (kg)	Post Wean (kg)	Mature Weight. (kg)	ADG (g/d)	FCR (kg:kg)	Scr. Circ. (mm)	Height. (mm)	Length (mm)	Wean	ADG	Scr. Circ.	Avg. Wean Index	Nr. Calves	Repr. Index
Breed Average Auction Average				34	214	7.37	47.9	1.23	330	1.04 0.75	-0.20 -0.49	13.9 13.1	3.9 5.1	22 24	10 10	101 93	-47 -49	10.3 12.9	-1	16	107	108	103	103	4.0	104
1	CSW 190011	M	SP	28	191	6.07	53.1	-	-	-0.76	-0.25	11.5	6.6	19	-7	86	-45	13.3	-1	17	118	-	104	111	3	103
2	CSW 190026	M	SP	33	175	7.5	42.7	-	-	0.31	-0.05	8.2	3.7	15	0	53	-42	10.2	-3	5	103	-	100	102	3	109
3	CSW 190003	M	SP	29	209	6.17	56.5	-	-	-1.56	-0.87	9.0	5.7	18	9	72	-43	13	-5	12	131	-	103	109	4	103
4	CSW 190075	M	SP	34	258	7.16	48	-	-	1.86	-0.58	19.9	7.9	39	30	133	-68	12.9	4	25	114	-	103	109	2	108
5	CSW 170005	M	SP	34	222	5.91	57.8	-	-	1.33	-1.85	21.4	-1.5	36	25	170	-76	14.8	8	29	99	-	106	97	11	113
6	CSW 190072	M	SP	39	244	7.99	53.9	-	-	1.69	-0.67	19.8	5.9	35	22	169	-67	20.8	9	36	104	-	113	107	6	98
7	CSW 190006	M	SP	30	198	6.38	49.8	-	-	-0.18	-1.14	14.5	3.2	27	23	96	-39	17.8	-5	16	122	-	109	113	3	93
8A	LAR 170429	M	SP	40	265	-	43	1.23	330	3.45	0.05	25.3	10.4	50	27	219	-77	20.3	12	44	118	108	113	110	9	100
8	CSW 190019	M	SP	39	194	7.72	50	-	-	1.10	-0.30	11.9	7.1	24	8	81	-55	14.2	-1	11	113	-	105	101	9	113
9	CSW 190046	M	SP	34	164	6.64	39.7	-	-	-0.06	-0.73	8.4	3.6	16	20	55	-33	10.2	-11	4	94	-	100	97	5	99
10	CSW 190036	M	SP	34	172	8.67	47.5	-	-	1.32	-0.46	12.8	3.6	24	-2	62	-33	10.6	-1	14	100	-	100	100	1	109
11	CSW 190077	M	SP	39	226	8.41	43.3	-	-	2.82	-0.87	14.1	-1.6	19	15	46	-43	7.4	-2	9	95	-	96	92	6	108
12	CSW 190029	M	SP	34	181	7.59	47.6	-	-	-0.21	0.17	7.9	7.8	16	-2	61	-38	11.4	-1	14	107	-	101	103	4	112
13	CSW 190068	M	SP	28	217	6.09	43.4	-	-	-0.85	-0.43	10.0	5.6	22	3	73	-49	7	-6	9	96	-	96	102	2	98
14	CSW 190110	M	SP	33	241	7.76	42.2	-	-	0.33	-0.05	9.4	4.6	16	10	79	-42	13	-7	9	106	-	103	99	3	105
15	CSW 190004	M	SP	34	175	7.23	46.8	-	-	0.96	-0.31	10.1	5.6	20	2	61	-46	9.6	-3	7	103	-	99	105	2	87
16	CSW 190095	M	SP	33	222	8.09	49.2	-	-	0.24	-0.77	11.6	3.5	16	4	87	-46	15.5	-5	15	96	-	107	99	5	108
17	CSW 190061	M	SP	38	189	7.8	41.8	-	-	1.28	0.36	11.9	6.1	17	-2	70	-42	12.1	1	16	110	-	102	100	4	106
18	CSW 190073	M	SP	33	248	7.89	52	-	-	0.95	-0.37	16.4	6.4	33	12	127	-61	9.7	8	24	110	-	99	107	3	112
19	CSW 190092	M	SP	36	220	8.93	50	-	-	0.90	-0.68	8.0	7.5	16	-2	66	-44	15.2	-5	9	94	-	106	102	5	95

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