AMPTELIKE VEILINGSKATALOGUS VIR / OFFICIAL AUCTION CATALOGUE FOR

OTVL ALLERAS BULVEILING

Veilingsdatum / Auction Date:
26 July 2023

Data soos op / Data as on:
06 July 2023

BONSMARA SA

SA STAMBOEK STUD BOOK

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.

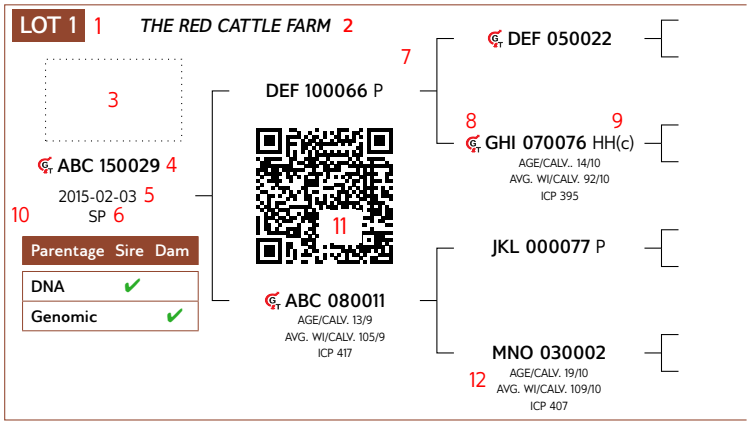
Die Genootskap het egter GEEN beheer oor:

- 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.

BONSMARA SA

ANIMAL AND PEDIGREE INFORMATION



1. Lot Number
2. Owner of the animal
3. Herd's logo (if available)
4. Animal Identification Number
5. Birth date
6. Herd book section - NFR / PEN / F0 / A / B / SP
7. Four (4) generation pedigree
8. Genomic testing - it is indicated with the **GT** logo
9. Polled Status - the status will only be printed for animals that have been tested
10. Parentage Verification - a green tick (✔) indicates that the sire and/or dam has been verified via either microsatellite (DNA), or Genomic testing
11. 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.
12. Dam information
    - Age and Number of Calvings
    - Average Wean Index and Number of Calves Weaned
    - Intercalving Period

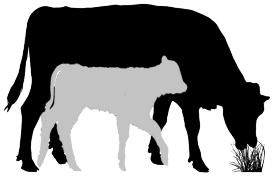
MYOSTATIN STATUS

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

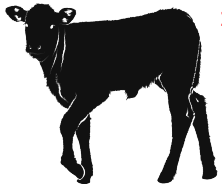


5 L♀GIX Cow Value

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



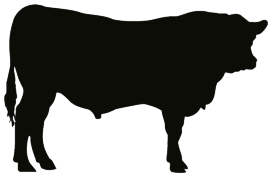
2 L♀GIX Weaner Calf Value

Selection of:

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

7 L♀GIX Carcass Value

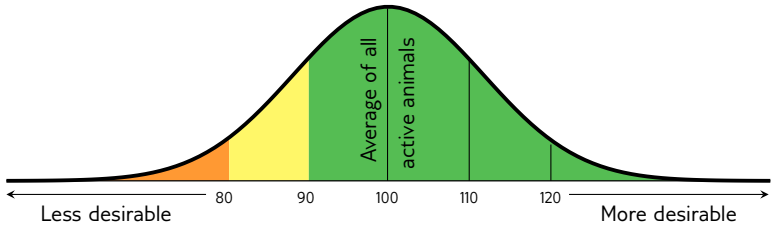
Selection for higher meat yield on carcass



6 L♀GIX Growth Value

Selection of efficient growers on veld & in the feedlot

INTERPRETATION OF BREEDING VALUE INDICES



Average between 90 and 110

(Acceptable between 80 and 120)

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**	CF.E	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 descritions 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, 504D, 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 121

P.S. LOURENS

BLN 200043
2020-08-22
SP

Parentage	Sire	Dam
DNA	✔	
Genomic		

SYF 150155 HH(c)
BLN 170070
AGE/CALV. 5/3
AVG. WI/CALV. 97/3
ICP 380

SYF 120090 HH(c)
ADV 080229
AGE/CALV. 11/9
AVG. WI/CALV. 102/9
ICP 391

AG 110536
SYF 080325
AGE/CALV. 14/10
AVG. WI/CALV. 108/10
ICP 401

ADV 070154
SYF 070114
AGE/CALV. 13/11
AVG. WI/CALV. 103/10

ADV 050155
ADV 040035
AGE/CALV. 11/6
AVG. WI/CALV. 96/6

AG 070716
AG 060624
AGE/CALV. 9/5
AVG. WI/CALV. 99/5

ADV 050155
SYF 030048
AGE/CALV. 10/8
AVG. WI/CALV. 105/8

Calving Ease Value	Weaner Calf Value	Fertility Value	Maintenance Value	Cow Value	Growth Value	Carcass Value
106	82	94	119	87	85	78

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
109	84	87	97	85	103	107	77	81	88	85	51	74	87	85	98

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
100	-	-	108	-	353	1.25

Myostatin	
Q204X	1
NT821	0
F94L	0

REMARKS:

LOGIX EBV Analysis: 2023-06-19

LOT 122

P.S. LOURENS

BLN 200082
2020-10-11
SP

Parentage	Sire	Dam
DNA	✔	
Genomic		

SYF 150155 HH(c)
BLN 150069
AGE/CALV. 7/5
AVG. WI/CALV. 93/5
ICP 371

SYF 120090 HH(c)
ADV 080229
AGE/CALV. 11/9
AVG. WI/CALV. 102/9
ICP 391

AG 110536
BLN 060003
AGE/CALV. 12/8
AVG. WI/CALV. 97/8
ICP 493

ADV 070154
SYF 070114
AGE/CALV. 13/11
AVG. WI/CALV. 103/10

ADV 050155
ADV 040035
AGE/CALV. 11/6
AVG. WI/CALV. 96/6

AG 070716
AG 060624
AGE/CALV. 9/5
AVG. WI/CALV. 99/5

FAN 000010
BFB 000046
AGE/CALV. 14/9
AVG. WI/CALV. 102/8

Calving Ease Value	Weaner Calf Value	Fertility Value	Maintenance Value	Cow Value	Growth Value	Carcass Value
107	72	98	114	79	69	66

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
108	80	76	70	96	100	103	71	65	77	90	41	60	73	91	96

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
94	-	-	97	-	308	1.22

Myostatin	
Q204X	1
NT821	0
F94L	0

REMARKS:

LOGIX EBV Analysis: 2023-06-19

LOT 123

SAUNDERS BOERDERY

UEJ 200042
2020-09-12
B

Parentage	Sire	Dam
DNA		
Genomic		

BLN 160068
UEJ 150024
AGE/CALV. 7/3
AVG. WI/CALV. 104/3
ICP 353

GEL 060132
BLN 130055
AGE/CALV. 5/3
AVG. WI/CALV. 108/2
ICP 414

ADV 010011
ADV 030070
AGE/CALV. 10/7
AVG. WI/CALV. 98/6

ADV 050053
BLN 070004
AGE/CALV. 8/4
AVG. WI/CALV. 112/3

Calving Ease Value	Weaner Calf Value	Fertility Value	Maintenance Value	Cow Value	Growth Value	Carcass Value
94	91	101	105	95	95	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
98	93	102	96	100	104	98	94	100	99	94	89	98	102	87	97

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
105	-	-	112	-	336	1.21

Myostatin	
Q204X	0
NT821	0
F94L	0

REMARKS:

LOGIX EBV Analysis: 2023-06-19

BULLE

LOT 124 — SAUNDERS BOERDERY

UEJ 210019
2021-05-02
SP

Ouerskap	Vaar	Moer
DNS		
Genomies		

SYF 170029
AG 100409
OUD/KALW. 12/8
GEM. SI/KALW. 97/8
TKP 471

CKB 110010
SYF 140240
OUD/KALW. 8/6
GEM. SI/KALW. 97/3
TKP 432
CEF 050503
AG 040170
OUD/KALW. 10/9
GEM. SI/KALW. 100/9
TKP 391

FCT 980067
DKN 040109
OUD/KALW. 13/9
GEM. SI/KALW. 96/9
GEL 100113
SYF 090033
OUD/KALW. 10/8
GEM. SI/KALW. 99/8
CEF 030453
CEF 030001
OUD/KALW. 4/1
GEM. SI/KALW. 97/1
RAI 990034
AG 970106
OUD/KALW. 15/13
GEM. SI/KALW. 95/12

Geboortegemak Waarde	Speenkalf Waarde	Vrugbaarheids-waarde	Onderhouds-waarde	Koeiwaarde	Groei-waarde	Karkas-waarde
113	90	100	120	96	100	96

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
113	88	85	99	105	97	99	92	97	87	84	87	102	98	85	86

Spn. Indeks	365D Indeks	540D Indeks	GDT Indeks	VOV Indeks	Skrotum	LH
100	-	-	95	-	318	1.28

Miostatien	
Q204X	0
NT821	0
F94L	0

OPMERKINGS:

LOGIX EBV Analise: 2023-06-19

LOT 125 — SAUNDERS BOERDERY

UEJ 200071
2020-10-15
SP

Ouerskap	Vaar	Moer
DNS		
Genomies		

BLN 160068
AG 080014
OUD/KALW. 14/13
GEM. SI/KALW. 105/13
TKP 365

GEL 060132
BLN 130055
OUD/KALW. 5/3
GEM. SI/KALW. 108/2
TKP 414
AG 040310
AG 010016
OUD/KALW. 13/10
GEM. SI/KALW. 100/10
TKP 392

ADV 010011
ADV 030070
OUD/KALW. 10/7
GEM. SI/KALW. 98/6
ADV 050053
BLN 070004
OUD/KALW. 8/4
GEM. SI/KALW. 112/3
AG 020251
AG 930063
OUD/KALW. 19/14
GEM. SI/KALW. 104/13
AG 960059
AG 920206
OUD/KALW. 17/14
GEM. SI/KALW. 99/14

Geboortegemak Waarde	Speenkalf Waarde	Vrugbaarheids-waarde	Onderhouds-waarde	Koeiwaarde	Groei-waarde	Karkas-waarde
93	91	105	117	99	90	97

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
96	86	112	100	107	103	101	89	95	98	85	80	92	90	90	103

Spn. Indeks	365D Indeks	540D Indeks	GDT Indeks	VOV Indeks	Skrotum	LH
110	-	-	106	-	346	1.23

Miostatien	
Q204X	0
NT821	0
F94L	0

OPMERKINGS:

LOGIX EBV Analise: 2023-06-19

LOT 126 — BONRO BONSMARAS

PDR 200020
2020-08-26
SP

Ouerskap	Vaar	Moer
DNS		
Genomies		

AG 110192
SYF 070038
OUD/KALW. 15/12
GEM. SI/KALW. 98/11
TKP 391

VV 070012
AG 030031
OUD/KALW. 20/8
GEM. SI/KALW. 99/8
TKP 475
SYF 040106
SYF 040111
OUD/KALW. 11/9
GEM. SI/KALW. 102/8
TKP 393

VV 040046 HH(c)
VV 040214
OUD/KALW. 7/5
GEM. SI/KALW. 102/5
AG 990142
AG 980093
OUD/KALW. 12/8
GEM. SI/KALW. 104/8
SYF 020003
SYF 000095
OUD/KALW. 15/11
GEM. SI/KALW. 91/8
AG 960239
SYF 970161
OUD/KALW. 13/10
GEM. SI/KALW. 105/9

Geboortegemak Waarde	Speenkalf Waarde	Vrugbaarheids-waarde	Onderhouds-waarde	Koeiwaarde	Groei-waarde	Karkas-waarde
126	97	110	126	110	105	103

Kalf en Moeder			Vrugbaarheid				Na-Speen Groei			Raam			Karkas		
Geb. Dir.	Spn. Dir.	Spn. Mat.	Skr. Omtr.	Vers Vrugb.	Koei Vrugb.	Lankl.	Na-Speen	GDT	VOV	Volw. Gewig	Hoogte	Lengte	OSO	Vet	Mar
121	87	85	106	102	110	109	92	107	102	77	95	98	97	107	97

Spn. Indeks	365D Indeks	540D Indeks	GDT Indeks	VOV Indeks	Skrotum	LH
100	-	-	110	-	348	1.20

Miostatien	
Q204X	0
NT821	0
F94L	0

OPMERKINGS:

LOGIX EBV Analise: 2023-06-19

BULLS

LOT 127 — BONRO BONSMARAS

PDR 210010
2021-03-26
B

Parentage	Sire	Dam
DNA	✔	
Genomic		

HDE 120070

PDR 170024
AGE/CALV. 5/4
AVG. WI/CALV. 101/4
ICP 311

FAM 070097

HDE 050073
AGE/CALV. 9/6
AVG. WI/CALV. 102/6
ICP 410

HDE 120070

PDR 090047
AGE/CALV. 13/7
AVG. WI/CALV. 113/5
ICP 367

MCM 000180

FAM 030023
AGE/CALV. 5/3
AVG. WI/CALV. 103/3

WVZ 000023

HDE 940087
AGE/CALV. 12/9
AVG. WI/CALV. 103/9

FAM 070097

HDE 050073
AGE/CALV. 9/6
AVG. WI/CALV. 102/6

Calving Ease Value	Weaner Calf Value	Fertility Value	Maintenance Value	Cow Value	Growth Value	Carcass Value
102	121	86	89	105	121	127

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
100	121	98	107	88	92	95	117	123	112	111	115	125	123	91	99

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
100	-	-	117	-	316	1.27

Myostatin	
Q204X	0
NT821	0
F94L	0

REMARKS:

LOGIX EBV Analysis: 2023-06-19

LOT 128 — BONRO BONSMARAS

HAS 200123
2020-09-02
SP

Parentage	Sire	Dam
DNA	✔	✔
Genomic		

SYF 150097 HH(c)

HAS 140076
AGE/CALV. 8/5
AVG. WI/CALV. 101/5
ICP 426

SYF 120042

SYF 070104
AGE/CALV. 14/12
AVG. WI/CALV. 98/10
ICP 367

RGR 100091

HAS 080330
AGE/CALV. 6/2
AVG. WI/CALV. 95/2
ICP 443

SYF 070036

SYF 060149
AGE/CALV. 7/6
AVG. WI/CALV. 101/7

ADV 030016

SYF 000059
AGE/CALV. 15/12
AVG. WI/CALV. 101/12

RGR 050054

JJF 010002
AGE/CALV. 14/8
AVG. WI/CALV. 102/8

Calving Ease Value	Weaner Calf Value	Fertility Value	Maintenance Value	Cow Value	Growth Value	Carcass Value
99	103	97	118	100	121	120

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	107	79	102	98	97	102	115	120	107	86	93	108	134	92	88

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
108	-	-	125	-	336	1.23

Myostatin	
Q204X	0
NT821	0
F94L	0

REMARKS:

LOGIX EBV Analysis: 2023-06-19

Dier Info				Actual Values						Expected Breeding Values											Indices			Dam		
LOT	Animal ID	Sex	SEC	Birth Wt (kg)	205d Wt (kg)	CCB *Ratio*	CCW *Ratio*	Length Height *Ratio*	Scr. Circ. *(mm)*	Birth Dir (kg)	Birth Mat (kg)	Wean Dir (kg)	Wean Mat (kg)	Post Wean (kg)	Mature Weight. (kg)	ADG (g/d)	FCR (kg:kg)	Scr. Circ. (mm)	Height. (mm)	Length (mm)	Wean	ADG	Scr. Circ.	Avg. Wean Index	Nr. Calves	Repr. Index
	Breed Average									1.08	-0.22	14.4	3.8	23	10	106	-49	11.6								
	Auction Average			33	248	7.70	42.4	1.24	333	0.46	-0.12	11.3	1.1	21	-2	99	-42	9.7	-14	8	102	109	97	100	7.0	112
121	BLN 200043	M	SP	33	262	7.3	50.2	1.25	353	0.10	0.26	7.0	0.2	7.2	-6.9	12	-25	9.4	-39	-18	100	108	97	97	3	104
122	BLN 200082	M	SP	40	277	8.15	36.5	1.22	308	0.24	-0.14	5.4	-3.1	2.5	-1.7	-65	-4	-7.8	-48	-37	94	97	70	93	5	108
123	UEJ 200042	M	B	35	216	-	44.8	1.21	336	1.25	0.44	11.3	4.5	21.5	2.9	106	-47	9.1	-8	13	105	112	96	104	3	119
124	UEJ 210019	M	SP	37	176	-	35.2	1.28	318	-0.32	-0.24	9.1	-0.6	20.0	-7.8	93	-23	10.8	-9	18	100	95	99	97	8	93
125	UEJ 200071	M	SP	42	231	-	45.2	1.23	346	1.49	0.37	8.0	7.3	17.3	-6.6	80	-46	11.5	-16	5	110	106	100	105	13	119
126	PDR 200020	M	SP	20	214	-	-	1.20	348	-1.13	-1.20	8.5	-0.4	21.8	-15.5	141	-54	15.8	-3	13	100	110	106	98	12	109
127	PDR 210010	M	B	25	321	-	-	1.27	316	1.05	-0.51	24.0	3.4	40.5	21.9	217	-72	16.4	14	48	100	117	107	101	4	131
128	HAS 200123	M	SP	34	288	7.66	-	1.23	336	0.97	0.09	17.5	-2.2	37.2	-5.7	206	-63	12.7	-4	26	108	125	102	101	5	109

EXPLANATION OF CATALOGUE ABBREVIATIONS

Lot Number	LOT
Estimated breeding value	EBV
Parentage verification	Parentage
Age in years / Number of calvings	AGE. / CALV.
Average Wean index / Number of calves weaned	Ave WI / CALV.
Animal identification number	ID
Herd Book Section	SEC
Herd Book Section: Pending Registration	PEN
Herd Book Section: Not for Registration	NFR
Herd Book Section: Foundation Generation	FO
Herd Book Section: Appendix A	A
Herd Book Section: Appendix B	B
Herd Book Section: Studbook Proper, a registered animal	SP
Genomically Tested	GT
Homozygous Horned (Celtic test)	HH(c)
Homozygous Polled (Celtic test)	PP(c)
Heterozygous Polled (Celtic test)	Pp(c)
Phenotypically Polled	P
Intercalving Period	ICP
Birth Direct breeding value	Birth Dir.
Wean Direct breeding value	Wean Dir.
Wean Maternal breeding value	Wean Mat.
Scrotal Circumference	Scr. Circ.
Heifer Fertility	Heifer Fert.
Cow Fertility	Cow Fert.
Longevity	Longev.
Mature Weight	Mat. Wt.
Average Daily Gain (g/day)	ADG
Feed Conversion Ratio (kg:kg)	FCR
Eye Muscle Area	EMA
Backfat Thickness	Fat
Marbeling (intra-muscular fat)	Mar
365-day weight index	365D Index
540-day weight index	540D Index
Length-Height ratio	LH
Actual Birth weight	Birth Wt.
205-day Dam-age corrected weight	205d Wt.
Cow-Calf Birth Ratio	CCG
Cow-Calf Wean Ratio	CCW
Average Weaning Index	Avg. Wean Index
Number of Calves	Nr. Calves
Reproduction Index	Repr. Index
Animal sex: M - Male, F - Female	M / F

VERDUIDELIKING VAN KATALOGUS AFKORTINGS

LOT	Lot Nommer
EBV	Beraamde teelwaarde
Ouerskap	Ouerskap verifikasie
OUD. / KALF.	Ouderdom in jaar / Aantal kalwings
GEM SI / KALF.	Gemiddelde speen indeks / Aantal kalwers gespeen
ID	Dier se identifikasie nommer
AFD	Kuddeboek Afdeling
PEN	Kuddeboek Afdeling: Wag vir Registrasie
NFR	Kuddeboek Afdeling: Nie vir Registrasie
FO	Kuddeboek Afdeling: Fondasie Generasie
A	Kuddeboek Afdeling: Aanhangsel A
B	Kuddeboek Afdeling: Aanhangsel B
SP	Kuddeboek Afdeling: Studbook Proper, 'n geregistreerde dier
GT	Genomies Getoets
HH(c)	Homosigoties horings (Celtic toets)
PP(c)	Homosigotiets Poena (Celtic toets)
Pp(c)	Heterosigoties Poena (Celtic toets)
P	Fenotipies Poena
TKP	Tussen-Kalf Periode
Geb. Dir	Geboorte Direk teelwaarde
Spn. Dir.	Speen Direk teelwaarde
SPn. Mat.	Speen Maternaal teelwaarde
Skr. Omt.	Skrotum omtrek
Vers Vrugb.	Vers Vrugbaarheid
Koei Vrugb.	Koei Vrugbaarheid
Lankl.	Lanklewendheid
Volw. Gewig	Volwasse gewig
GDT	Gemiddelde Daaglikse Toename
VOV	Voeromset Verhouding
OSO	Oogspier grootte
Vet	Rugvet Diepte
Mar	Marmering (binne-spierse vet)
365D Indeks	365-dae gewig indeks
540D Indeks	540-dae gewig indeks
LH	Lengte-Hoogte Verhouding
Geb. gewig	Werklike Geboorte gewig
205d gewig	205-dag Moeder-ouderdom gekorrigeerde gewig
KKG	Koei-Kalf Geboorte Verhouding
KKS	Koei-Kalf Speen Verhouding
Gem. Spn. Indeks	Gemiddelde speen indeks
Aant. Kalw.	Aantal kalwers
Repr. Indeks	Reproduksie indeks
M / V	Dier geslag: M - Manlik, V - Vroulik