AMPTELIKE VEILINGSKATALOGUS VIR / OFFICIAL AUCTION CATALOGUE FOR

JA PIENAAR & SEUN - NOSA BONSMARAS

Veilingsdatum / Auction Date:
04 September 2024

Data soos op / Data as on:
12 August 2024

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.

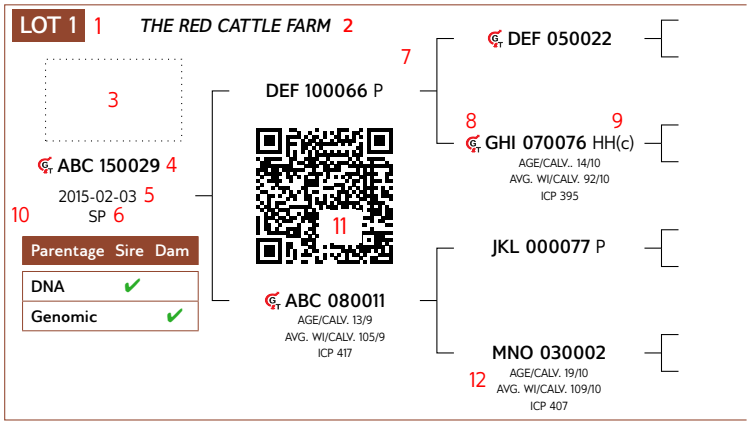
Die Genootskap het egter GEEN beheer oor:

- 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

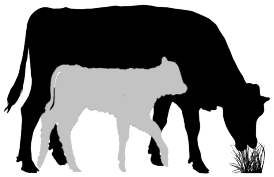
MYOSTATIN STATUS

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

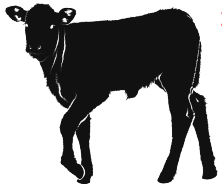


5 L♀GIX Cow Value

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



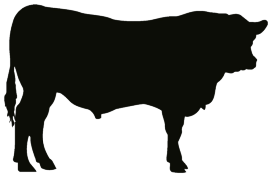
2 L♀GIX Weaner Calf Value

Selection of:

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

7 L♀GIX Carcass Value

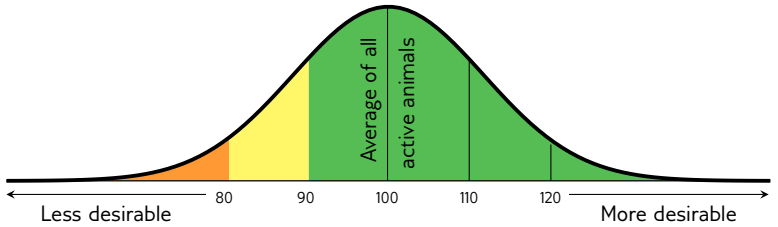
Selection for higher meat yield on carcass



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 1 — *J.A. PIENAAR & SEUN*

AEJ 210075
2021-08-26
SP

Parentage	Sire	Dam
DNA	✔	
Genomic		

HFN 170272
AEJ 140013
AGE/CALV. 10/8
AVG. WI/CALV. 96/8
ICP 362

CEF 140311 HH(c)
HFN 040199
AGE/CALV. 15/11
AVG. WI/CALV. 101/10
ICP 424
AEJ 110120
AEJ 110106
AGE/CALV. 4/3
AVG. WI/CALV. 99/2
ICP 373

CEF 120367
CEF 080047
AGE/CALV. 14/11
AVG. WI/CALV. 96/12
NFS 970312
HFN 010138
AGE/CALV. 11/9
AVG. WI/CALV. 107/8
AEJ 090020
AEJ 030049
AGE/CALV. 12/10
AVG. WI/CALV. 93/10
WAT 080263
AEJ 040127
AGE/CALV. 11/9
AVG. WI/CALV. 101/7

Calving Ease Value	Weaner Calf Value	Fertility Value	Maintenance Value	Cow Value	Growth Value	Carcass Value
111	108	115	84	114	120	124

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
111	114	88	116	109	111	114	119	115	107	118	110	123	120	102	109

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
103	-	-	107	-	347	1.23

Myostatin	
Q204X	0
NT821	0
F94L	0

REMARKS:

LOGIX EBV Analysis: 2024-07-19

LOT 2 — *J.A. PIENAAR & SEUN*

AEJ 220006
2022-04-11
SP

Parentage	Sire	Dam
DNA	✔	
Genomic		

CRV 180389
AEJ 190121
AGE/CALV. 4/3
AVG. WI/CALV. 105/2
ICP 385

CRV 150087
CRV 130333
AGE/CALV. 10/8
AVG. WI/CALV. 104/7
ICP 387
MCU 160031
AEJ 170014
AGE/CALV. 7/5
AVG. WI/CALV. 102/4
ICP 428

CRV 120095
CRV 110240
AGE/CALV. 8/6
AVG. WI/CALV. 103/6
CRV 100095
VBB 080141
AGE/CALV. 8/3
AVG. WI/CALV. 106/3
MCU 140037
MCU 100073 HH(c)
AGE/CALV. 13/11
AVG. WI/CALV. 108/11
AEJ 130012
AEJ 050192
AGE/CALV. 13/11
AVG. WI/CALV. 98/11

Calving Ease Value	Weaner Calf Value	Fertility Value	Maintenance Value	Cow Value	Growth Value	Carcass Value
90	117	105	91	113	113	112

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar
89	113	118	122	97	109	111	111	114	116	107	117	110	115	74	143

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
106	-	-	105	-	341	1.21

Myostatin	
Q204X	0
NT821	0
F94L	0

REMARKS:

LOGIX EBV Analysis: 2024-07-19

LOT 3 — *J.A. PIENAAR & SEUN*

AEJ 220020
2022-04-19
SP

Parentage	Sire	Dam
DNA	✔	✔
Genomic		

BRB 160059
AEJ 190149
AGE/CALV. 4/1
AVG. WI/CALV. 109/1
ICP -

BRB 120144
BRB 120129
AGE/CALV. 8/4
AVG. WI/CALV. 103/4
ICP 494
AEJ 130012
AEJ 150186
AGE/CALV. 8/7
AVG. WI/CALV. 92/7
ICP 366

EZ 100117
BRB 060059
AGE/CALV. 9/7
AVG. WI/CALV. 110/7
EZ 100111
BRB 100173
AGE/CALV. 4/2
AVG. WI/CALV. 102/1
LAR 070037
AEJ 090023
AGE/CALV. 4/2
AVG. WI/CALV. 106/2
AEJ 120219
AEJ 050029
AGE/CALV. 13/9
AVG. WI/CALV. 104/9

Calving Ease Value	Weaner Calf Value	Fertility Value	Maintenance Value	Cow Value	Growth Value	Carcass Value
98	100	88	100	94	107	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
99	98	108	152	94	87	96	96	104	86	98	102	115	98	89	103

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
109	-	-	103	-	392	1.30

Myostatin	
Q204X	0
NT821	0
F94L	0

REMARKS:

LOGIX EBV Analysis: 2024-07-19

BULLE

LOT 4 — J.A. PIENAAR & SEUN

AEJ 220005
2022-04-11
SP

Ouerskap	Vaar	Moer
DNS	✔	✔
Genomies		

BRB 160059

AEJ 140141
OUD/KALW. 10/8
GEM. SI/KALW. 107/7
TKP 401

BRB 120144

BRB 120129
OUD/KALW. 8/4
GEM. SI/KALW. 103/4
TKP 494

JMP 080392

AEJ 070125
OUD/KALW. 8/7
GEM. SI/KALW. 94/6
TKP 366

EZ 100117

BRB 060059
OUD/KALW. 9/7
GEM. SI/KALW. 110/7

EZ 100111

BRB 100173
OUD/KALW. 4/2
GEM. SI/KALW. 102/1

JMP 050276

JMP 050123
OUD/KALW. 12/8
GEM. SI/KALW. 101/8

AEJ 030167

AEJ 020105
OUD/KALW. 9/8
GEM. SI/KALW. 95/9

Geboortegemak Waarde	Speenkalf Waarde	Vrugbaarheids-waarde	Onderhouds-waarde	Koeiwaarde	Groei-waarde	Karkas-waarde
87	109	104	81	106	124	125

Kalf en Moeder			Vrugbaarheid				Na-Speen Groei			Raam			Karkas		
Geb. Dir.	Spn. Dir.	Spn. Mat.	Skr. Omtr.	Vers Vrugb.	Koei Vrugb.	Lankl.	Na-Speen	GDT	VOV	Volw. Gewig	Hoogte	Lengte	OSO	Vet	Mar
88	111	117	150	106	108	92	118	127	114	120	109	115	113	108	114

Spn. Indeks	365D Indeks	540D Indeks	GDT Indeks	VOV Indeks	Skrotum	LH
112	-	-	113	-	384	1.24

Miostatien	
Q204X	0
NT821	0
F94L	0

OPMERKINGS:

LOGIX EBV Analise: 2024-07-19

LOT 5 — J.A. PIENAAR & SEUN

AEJ 220066
2022-05-10
SP

Ouerskap	Vaar	Moer
DNS	✔	✔
Genomies		

LHB 180137

AEJ 180068
OUD/KALW. 6/4
GEM. SI/KALW. 106/3
TKP 370

CRV 140306

LHB 130096
OUD/KALW. 11/8
GEM. SI/KALW. 98/7
TKP 368

AEJ 160029 HH(c)

AEJ 160134
OUD/KALW. 4/2
GEM. SI/KALW. 92/2
TKP 413

ABB 100386

GSG 060010
OUD/KALW. 10/7
GEM. SI/KALW. 99/7

WAT 040339 HH(c)

AEJ 100096
OUD/KALW. 9/7
GEM. SI/KALW. 103/7

MCU 100109 Pp(c)

AEJ 110047
OUD/KALW. 10/8
GEM. SI/KALW. 104/7

AEJ 110111

AEJ 110234
OUD/KALW. 12/10
GEM. SI/KALW. 103/9

Geboortegemak Waarde	Speenkalf Waarde	Vrugbaarheids-waarde	Onderhouds-waarde	Koeiwaarde	Groei-waarde	Karkas-waarde
88	102	91	86	93	101	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
88	106	110	114	85	102	102	105	102	99	113	106	115	113	111	114

Spn. Indeks	365D Indeks	540D Indeks	GDT Indeks	VOV Indeks	Skrotum	LH
102	-	-	94	-	346	1.27

Miostatien	
Q204X	0
NT821	0
F94L	0

OPMERKINGS:

LOGIX EBV Analise: 2024-07-19

LOT 6 — J.A. PIENAAR & SEUN

AEJ 220056
2022-04-30
SP

Ouerskap	Vaar	Moer
DNS	✔	✔
Genomies		

BRB 160059

AEJ 160140
OUD/KALW. 7/4
GEM. SI/KALW. 103/4
TKP 419

BRB 120144

BRB 120129
OUD/KALW. 8/4
GEM. SI/KALW. 103/4
TKP 494

CRV 120415

JMW 100004
OUD/KALW. 12/9
GEM. SI/KALW. 99/9
TKP 359

EZ 100117

BRB 060059
OUD/KALW. 9/7
GEM. SI/KALW. 110/7

EZ 100111

BRB 100173
OUD/KALW. 4/2
GEM. SI/KALW. 102/1

AG 050158

BHE 000031
OUD/KALW. 13/11
GEM. SI/KALW. 97/11

HJB 040229

CEG 020001
OUD/KALW. 13/10
GEM. SI/KALW. 103/10

Geboortegemak Waarde	Speenkalf Waarde	Vrugbaarheids-waarde	Onderhouds-waarde	Koeiwaarde	Groei-waarde	Karkas-waarde
95	100	113	94	106	103	104

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
93	102	105	152	112	113	96	99	105	103	104	100	98	93	109	108

Spn. Indeks	365D Indeks	540D Indeks	GDT Indeks	VOV Indeks	Skrotum	LH
94	-	-	95	-	398	1.19

Miostatien	
Q204X	0
NT821	0
F94L	0

OPMERKINGS:

LOGIX EBV Analise: 2024-07-19

BULLS

LOT 7 — J.A. PIENAAR & SEUN

AEJ 220025
2022-04-22
SP

Parentage	Sire	Dam
DNA	✔	✔
Genomic		

HFN 170272
AEJ 180077
AGE/CALV. 6/3
AVG. WI/CALV. 103/3
ICP 479

CEF 140311 HH(c)
HFN 040199
AGE/CALV. 15/11
AVG. WI/CALV. 101/10
ICP 424
FUZ 120077
AEJ 150169
AGE/CALV. 8/7
AVG. WI/CALV. 102/6
ICP 374

CEF 120367
CEF 080047
AGE/CALV. 14/11
AVG. WI/CALV. 96/12
NFS 970312
HFN 010138
AGE/CALV. 11/9
AVG. WI/CALV. 107/8
LMR 080104 Pp(c)
FUZ 060070
AGE/CALV. 13/11
AVG. WI/CALV. 101/11
WVZ 100023
AEJ 120031
AGE/CALV. 4/2
AVG. WI/CALV. 100/2

Calving Ease Value	Weaner Calf Value	Fertility Value	Maintenance Value	Cow Value	Growth Value	Carcass Value
90	113	120	85	118	113	123

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	117	105	117	112	116	116	123	117	119	116	112	115	124	103	110

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
104	-	-	108	-	338	1.21

Myostatin	
Q204X	0
NT821	0
F94L	0

REMARKS:

LOGIX EBV Analysis: 2024-07-19

LOT 8 — J.A. PIENAAR & SEUN

AEJ 220060
2022-05-07
SP

Parentage	Sire	Dam
DNA	✔	✔
Genomic		

BRB 160059
AEJ 180170
AGE/CALV. 5/4
AVG. WI/CALV. 101/3
ICP 367

BRB 120144
BRB 120129
AGE/CALV. 8/4
AVG. WI/CALV. 103/4
ICP 494
AEJ 150154
AEJ 130053
AGE/CALV. 11/9
AVG. WI/CALV. 111/9
ICP 363

EZ 100117
BRB 060059
AGE/CALV. 9/7
AVG. WI/CALV. 110/7
EZ 100111
BRB 100173
AGE/CALV. 4/2
AVG. WI/CALV. 102/1
AEJ 120219
AEJ 050044
AGE/CALV. 12/10
AVG. WI/CALV. 97/9
AEJ 110036
AEJ 080128
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
99	108	109	95	112	113	113

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	104	112	129	105	113	98	104	112	97	102	114	122	104	109	111

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
104	-	-	97	-	328	1.24

Myostatin	
Q204X	0
NT821	0
F94L	0

REMARKS:

LOGIX EBV Analysis: 2024-07-19

LOT 9 — J.A. PIENAAR & SEUN

AEJ 210174
2021-11-26
SP

Parentage	Sire	Dam
DNA	✔	✔
Genomic		

HFN 170272
AEJ 130120
AGE/CALV. 10/9
AVG. WI/CALV. 94/8
ICP 373

CEF 140311 HH(c)
HFN 040199
AGE/CALV. 15/11
AVG. WI/CALV. 101/10
ICP 424
AEJ 110036
AEJ 070163
AGE/CALV. 10/8
AVG. WI/CALV. 95/7
ICP 396

CEF 120367
CEF 080047
AGE/CALV. 14/11
AVG. WI/CALV. 96/12
NFS 970312
HFN 010138
AGE/CALV. 11/9
AVG. WI/CALV. 107/8
WAT 040339 HH(c)
AEJ 010075
AGE/CALV. 13/11
AVG. WI/CALV. 97/11
AG 020275
AEJ 960089
AGE/CALV. 16/12
AVG. WI/CALV. 103/11

Calving Ease Value	Weaner Calf Value	Fertility Value	Maintenance Value	Cow Value	Growth Value	Carcass Value
110	96	109	102	103	99	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	102	81	117	107	103	110	96	97	100	97	106	102	105	102	108

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
98	-	-	94	-	340	1.15

Myostatin	
Q204X	0
NT821	0
F94L	0

REMARKS:

LOGIX EBV Analysis: 2024-07-19

BULLE

LOT 10 — J.A. PIENAAR & SEUN

AEJ 220013
2022-04-14
SP

Ouerskap	Vaar	Moer
DNS	✔	✔
Genomies		

CRV 180389
AEJ 170021
OUD/KALW. 7/5
GEM. SI/KALW. 102/4
TKP 422

CRV 150087
CRV 130333
OUD/KALW. 10/8
GEM. SI/KALW. 104/7
TKP 387
FUZ 120077
AEJ 110170
OUD/KALW. 9/7
GEM. SI/KALW. 96/7
TKP 389

CRV 120095
CRV 110240
OUD/KALW. 8/6
GEM. SI/KALW. 103/6
CRV 100095
VBB 080141
OUD/KALW. 8/3
GEM. SI/KALW. 106/3
LMR 080104 Pp(c)
FUZ 060070
OUD/KALW. 13/11
GEM. SI/KALW. 101/11
AEJ 090100
AEJ 060147
OUD/KALW. 12/9
GEM. SI/KALW. 108/8

Geboortegemak Waarde	Speenkalf Waarde	Vrugbaarheids-waarde	Onderhouds-waarde	Koeiwaarde	Groei-waarde	Karkas-waarde
93	116	111	89	116	120	115

Kalf en Moeder			Vrugbaarheid				Na-Speen Groei			Raam			Karkas		
Geb. Dir.	Spn. Dir.	Spn. Mat.	Skr. Omtr.	Vers Vrugb.	Koei Vrugb.	Lankl.	Na-Speen	GDT	VOV	Volw. Gewig	Hoogte	Lengte	OSO	Vet	Mar
91	113	115	136	103	114	107	112	122	121	110	123	120	113	79	140

Spn. Indeks	365D Indeks	540D Indeks	GDT Indeks	VOV Indeks	Skrotum	LH
104	-	-	102	-	371	1.24

Miostatien	
Q204X	0
NT821	0
F94L	0

OPMERKINGS:

LOGIX EBV Analise: 2024-07-19

LOT 11 — J.A. PIENAAR & SEUN

AEJ 210144
2021-10-11
SP

Ouerskap	Vaar	Moer
DNS	✔	✔
Genomies		

LHB 180137
AEJ 140166
OUD/KALW. 9/8
GEM. SI/KALW. 102/7
TKP 399

CRV 140306
LHB 130096
OUD/KALW. 11/8
GEM. SI/KALW. 98/7
TKP 368
WVZ 100023
AEJ 120015
OUD/KALW. 12/9
GEM. SI/KALW. 100/9
TKP 412

ABB 100386
GSG 060010
OUD/KALW. 10/7
GEM. SI/KALW. 99/7
WAT 040339 HH(c)
AEJ 100096
OUD/KALW. 9/7
GEM. SI/KALW. 103/7
MMJ 030209
WVZ 990027
OUD/KALW. 13/9
GEM. SI/KALW. 110/9
ZAK 060046
AEJ 050160
OUD/KALW. 13/8
GEM. SI/KALW. 103/7

Geboortegemak Waarde	Speenkalf Waarde	Vrugbaarheids-waarde	Onderhouds-waarde	Koeiwaarde	Groei-waarde	Karkas-waarde
85	113	93	98	101	105	116

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	115	103	117	83	101	109	108	103	99	100	126	124	123	110	114

Spn. Indeks	365D Indeks	540D Indeks	GDT Indeks	VOV Indeks	Skrotum	LH
109	-	-	111	-	350	1.18

Miostatien	
Q204X	0
NT821	0
F94L	0

OPMERKINGS:

LOGIX EBV Analise: 2024-07-19

LOT 12 — J.A. PIENAAR & SEUN

AEJ 210079 Pp(c)
2021-08-30
B

Ouerskap	Vaar	Moer
DNS	✔	
Genomies		

AEJ 190050 Pp(c)
AEJ 180239
OUD/KALW. 5/2
GEM. SI/KALW. 106/2
TKP 430

CRV 150209
AEJ 120118
OUD/KALW. 9/7
GEM. SI/KALW. 93/7
TKP 410

WSS 120111 P
GSG 100077
OUD/KALW. 13/11
GEM. SI/KALW. 104/10
AEJ 090125
AEJ 010048
OUD/KALW. 12/11
GEM. SI/KALW. 110/10

Geboortegemak Waarde	Speenkalf Waarde	Vrugbaarheids-waarde	Onderhouds-waarde	Koeiwaarde	Groei-waarde	Karkas-waarde
93	101	104	101	100	105	106

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
90	106	93	116	101	105	104	102	107	102	98	94	103	107	103	98

Spn. Indeks	365D Indeks	540D Indeks	GDT Indeks	VOV Indeks	Skrotum	LH
108	-	-	98	-	372	1.21

Miostatien	
Q204X	1
NT821	0
F94L	0

OPMERKINGS:

LOGIX EBV Analise: 2024-07-19

BULLS

LOT 13 — J.A. PIENAAR & SEUN

AEJ 220015
2022-04-15
SP

Parentage	Sire	Dam
DNA	✔	✔
Genomic		

AEJ 190138 Pp(c)
AEJ 180054
AGE/CALV. 6/4
AVG. WI/CALV. 114/3
ICP 458

CRV 150209
AEJ 130023
AGE/CALV. 11/8
AVG. WI/CALV. 107/8
ICP 417
CRV 140145
AET AEJ 080099
AGE/CALV. 13/11
AVG. WI/CALV. 106/12
ICP 384

WSS 120111 P
GSG 100077
AGE/CALV. 13/11
AVG. WI/CALV. 104/10
AEJ 110016
AEJ 070131
AGE/CALV. 8/6
AVG. WI/CALV. 99/6
BPJ 090003
CRV 110213
AGE/CALV. 7/4
AVG. WI/CALV. 101/4
AEJ 040160
AET AEJ 060117
AGE/CALV. 11/10
AVG. WI/CALV. 95/8

Calving Ease Value	Weaner Calf Value	Fertility Value	Maintenance Value	Cow Value	Growth Value	Carcass Value
80	128	89	82	110	119	128

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
81	127	121	134	89	88	107	126	125	125	119	129	128	130	93	100

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
121	-	-	105	-	357	1.24

Myostatin	
Q204X	1
NT821	0
F94L	0

REMARKS:

LOGIX EBV Analysis: 2024-07-19

LOT 14 — J.A. PIENAAR & SEUN

AEJ 220040
2022-04-24
SP

Parentage	Sire	Dam
DNA	✔	✔
Genomic		

HFN 170272
AEJ 150164
AGE/CALV. 8/6
AVG. WI/CALV. 108/6
ICP 420

CET CEF 140311 HH(c)
HFN 040199
AGE/CALV. 15/11
AVG. WI/CALV. 101/10
ICP 424
AEJ 120180
AEJ 130046
AGE/CALV. 8/5
AVG. WI/CALV. 101/5
ICP 370

CEF 120367
CEF 080047
AGE/CALV. 14/11
AVG. WI/CALV. 96/12
NFS 970312
HFN 010138
AGE/CALV. 11/9
AVG. WI/CALV. 107/8
AEJ 090007
AET AEJ 040145
AGE/CALV. 10/8
AVG. WI/CALV. 98/7
AEJ 100109
AET KAN 080034
AGE/CALV. 15/12
AVG. WI/CALV. 98/12

Calving Ease Value	Weaner Calf Value	Fertility Value	Maintenance Value	Cow Value	Growth Value	Carcass Value
79	129	98	77	113	126	136

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
81	134	110	136	89	100	113	133	126	120	127	127	137	135	98	117

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
112	-	-	107	-	349	1.28

Myostatin	
Q204X	1
NT821	0
F94L	0

REMARKS:

LOGIX EBV Analysis: 2024-07-19

LOT 15 — J.A. PIENAAR & SEUN

AEJ 220010
2022-04-13
SP

Parentage	Sire	Dam
DNA	✔	✔
Genomic		

LHB 180137
AEJ 170008
AGE/CALV. 7/5
AVG. WI/CALV. 111/4
ICP 428

CRV 140306
LHB 130096
AGE/CALV. 11/8
AVG. WI/CALV. 98/7
ICP 368
CRV 120415
AET AEJ 100057
AGE/CALV. 9/7
AVG. WI/CALV. 109/6
ICP 403

AET ABB 100386
GSG 060010
AGE/CALV. 10/7
AVG. WI/CALV. 99/7
AET WAT 040339 HH(c)
AEJ 100096
AGE/CALV. 9/7
AVG. WI/CALV. 103/7
AG 050158
BHE 000031
AGE/CALV. 13/11
AVG. WI/CALV. 97/11
VV 040251
AEJ 030142
AGE/CALV. 7/5
AVG. WI/CALV. 94/5

Calving Ease Value	Weaner Calf Value	Fertility Value	Maintenance Value	Cow Value	Growth Value	Carcass Value
78	113	85	85	96	99	116

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar
79	113	123	113	86	88	101	108	103	102	114	118	124	112	119	107

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
98	-	-	100	-	329	1.27

Myostatin	
Q204X	1
NT821	0
F94L	0

REMARKS:

LOGIX EBV Analysis: 2024-07-19

BULLE

LOT 16 — J.A. PIENAAR & SEUN

AEJ 210114
2021-09-20
SP

Ouerskap	Vaar	Moer
DNS	✔	✔
Genomies		

HFN 170272

AEJ 130053
OUD/KALW. 11/9
GEM. SI/KALW. 111/9
TKP 363

CEF 140311 HH(c)

HFN 040199
OUD/KALW. 15/11
GEM. SI/KALW. 101/10
TKP 424

AEJ 110036

AEJ 080128
OUD/KALW. 9/6
GEM. SI/KALW. 102/6
TKP 406

CEF 120367

CEF 080047
OUD/KALW. 14/11
GEM. SI/KALW. 96/12

NFS 970312

HFN 010138
OUD/KALW. 11/9
GEM. SI/KALW. 107/8

WAT 040339 HH(c)

AEJ 010075
OUD/KALW. 13/11
GEM. SI/KALW. 97/11

KHR 000012

AEJ 000074
OUD/KALW. 12/10
GEM. SI/KALW. 98/9

Geboortegemak Waarde	Speenkalf Waarde	Vrugbaarheids-waarde	Onderhouds-waarde	Koeiwaarde	Groei-waarde	Karkas-waarde
96	129	105	73	119	114	124

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	130	107	126	97	105	114	121	110	106	133	126	132	122	107	116

Spn. Indeks	365D Indeks	540D Indeks	GDT Indeks	VOV Indeks	Skrotum	LH
110	-	-	92	-	346	1.21

Miostatien	
Q204X	0
NT821	0
F94L	0

OPMERKINGS:

LOGIX EBV Analise: 2024-07-19

LOT 17 — J.A. PIENAAR & SEUN

AEJ 210163
2021-11-10
SP

Ouerskap	Vaar	Moer
DNS	✔	✔
Genomies		

AEJ 180132

AEJ 190061
OUD/KALW. 5/3
GEM. SI/KALW. 105/2
TKP 452

CEF 140329

AEJ 120157
OUD/KALW. 8/5
GEM. SI/KALW. 113/4
TKP 465

CRV 140145

AEJ 170003
OUD/KALW. 7/5
GEM. SI/KALW. 107/5
TKP 407

RCO 070009

CEF 100214
OUD/KALW. 9/7
GEM. SI/KALW. 84/7

JMP 080392

AEJ 030176
OUD/KALW. 14/9
GEM. SI/KALW. 102/9

BPJ 090003

CRV 110213
OUD/KALW. 7/4
GEM. SI/KALW. 101/4

AEJ 130012

JMW 100038
OUD/KALW. 13/9
GEM. SI/KALW. 104/8

Geboortegemak Waarde	Speenkalf Waarde	Vrugbaarheids-waarde	Onderhouds-waarde	Koeiwaarde	Groei-waarde	Karkas-waarde
95	98	88	81	90	108	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
99	102	112	108	91	86	104	105	110	102	121	106	112	106	99	102

Spn. Indeks	365D Indeks	540D Indeks	GDT Indeks	VOV Indeks	Skrotum	LH
104	-	-	100	-	313	1.19

Miostatien	
Q204X	0
NT821	0
F94L	0

OPMERKINGS:

LOGIX EBV Analise: 2024-07-19

LOT 18 — J.A. PIENAAR & SEUN

AEJ 210112
2021-09-20
SP

Ouerskap	Vaar	Moer
DNS	✔	✔
Genomies		

LHB 180137

AEJ 140194
OUD/KALW. 9/7
GEM. SI/KALW. 108/5
TKP 358

CRV 140306

LHB 130096
OUD/KALW. 11/8
GEM. SI/KALW. 98/7
TKP 368

WVZ 100023

AEJ 120041
OUD/KALW. 8/7
GEM. SI/KALW. 103/7
TKP 369

ABB 100386

GSG 060010
OUD/KALW. 10/7
GEM. SI/KALW. 99/7

WAT 040339 HH(c)

AEJ 100096
OUD/KALW. 9/7
GEM. SI/KALW. 103/7

MMJ 030209

WVZ 990027
OUD/KALW. 13/9
GEM. SI/KALW. 110/9

LAR 070037

AEJ 080099
OUD/KALW. 13/11
GEM. SI/KALW. 106/12

Geboortegemak Waarde	Speenkalf Waarde	Vrugbaarheids-waarde	Onderhouds-waarde	Koeiwaarde	Groei-waarde	Karkas-waarde
75	126	88	85	106	109	128

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
76	129	114	131	77	100	106	122	118	120	115	137	132	137	98	112

Spn. Indeks	365D Indeks	540D Indeks	GDT Indeks	VOV Indeks	Skrotum	LH
114	-	-	93	-	353	1.15

Miostatien	
Q204X	0
NT821	0
F94L	0

OPMERKINGS:

LOGIX EBV Analise: 2024-07-19

BULLS

LOT 19 — J.A. PIENAAR & SEUN

AEJ 210133
2021-09-30
SP

Parentage	Sire	Dam
DNA	✔	✔
Genomic		

AEJ 180132
AEJ 190073
AGE/CALV. 2/1
AVG. WI/CALV. 93/1
ICP -

CEF 140329
AEJ 120157
AGE/CALV. 8/5
AVG. WI/CALV. 113/4
ICP 465
AEJ 170158
AEJ 170051
AGE/CALV. 4/1
AVG. WI/CALV. 112/1
ICP -

RCO 070009
CEF 100214
AGE/CALV. 9/7
AVG. WI/CALV. 84/7
JMP 080392
AEJ 030176
AGE/CALV. 14/9
AVG. WI/CALV. 102/9
CEF 140329
AEJ 140139
AGE/CALV. 5/4
AVG. WI/CALV. 101/3
FUZ 120077
AEJ 110020
AGE/CALV. 8/6
AVG. WI/CALV. 102/6

Calving Ease Value	Weaner Calf Value	Fertility Value	Maintenance Value	Cow Value	Growth Value	Carcass Value
97	99	106	82	101	133	123

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	102	97	100	111	102	118	122	102	120	116	119	106	120	112

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
93	-	-	112	-	309	1.18

Myostatin	
Q204X	0
NT821	0
F94L	0

REMARKS:

LOGIX EBV Analysis: 2024-07-19

LOT 20 — J.A. PIENAAR & SEUN

AEJ 210170
2021-11-21
SP

Parentage	Sire	Dam
DNA	✔	✔
Genomic		

HFN 170272
AEJ 140097
AGE/CALV. 8/6
AVG. WI/CALV. 106/6
ICP 380

CEF 140311 HH(c)
HFN 040199
AGE/CALV. 15/11
AVG. WI/CALV. 101/10
ICP 424
JMP 080392
AEJ 100208
AGE/CALV. 6/3
AVG. WI/CALV. 113/3
ICP 374

CEF 120367
CEF 080047
AGE/CALV. 14/11
AVG. WI/CALV. 96/12
NFS 970312
HFN 010138
AGE/CALV. 11/9
AVG. WI/CALV. 107/8
JMP 050276
JMP 050123
AGE/CALV. 12/8
AVG. WI/CALV. 101/8
AEJ 050212
AEJ 000041
AGE/CALV. 13/10
AVG. WI/CALV. 108/10

Calving Ease Value	Weaner Calf Value	Fertility Value	Maintenance Value	Cow Value	Growth Value	Carcass Value
81	118	111	68	111	139	142

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
85	124	113	145	108	106	110	134	140	127	140	141	141	135	104	116

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
118	-	-	116	-	342	1.17

Myostatin	
Q204X	0
NT821	0
F94L	0

REMARKS:

LOGIX EBV Analysis: 2024-07-19

LOT 21 — J.A. PIENAAR & SEUN

AEJ 220074
2022-05-25
SP

Parentage	Sire	Dam
DNA	✔	✔
Genomic		

CRV 180389
AEJ 170023
AGE/CALV. 7/5
AVG. WI/CALV. 102/4
ICP 419

CRV 150087
CRV 130333
AGE/CALV. 10/8
AVG. WI/CALV. 104/7
ICP 387
AEJ 110111
AEJ 100070
AGE/CALV. 10/6
AVG. WI/CALV. 107/5
ICP 401

CRV 120095
CRV 110240
AGE/CALV. 8/6
AVG. WI/CALV. 103/6
CRV 100095
VBB 080141
AGE/CALV. 8/3
AVG. WI/CALV. 106/3
AEJ 090005
AEJ 040101
AGE/CALV. 13/8
AVG. WI/CALV. 103/7
VV 040251
AEJ 010151
AGE/CALV. 13/11
AVG. WI/CALV. 114/10

Calving Ease Value	Weaner Calf Value	Fertility Value	Maintenance Value	Cow Value	Growth Value	Carcass Value
88	115	102	86	109	119	121

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	115	114	115	96	108	103	115	121	122	114	102	113	113	88	135

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
109	-	-	102	-	329	1.28

Myostatin	
Q204X	0
NT821	0
F94L	0

REMARKS:

LOGIX EBV Analysis: 2024-07-19

BULLE

LOT 22 — J.A. PIENAAR & SEUN

AEJ 220032
2022-04-22
SP

Ouerskap	Vaar	Moer
DNS	✔	✔
Genomies		

CRV 180389
AEJ 180094
OUD/KALW. 5/4
GEM. SI/KALW. 101/3
TKP 442

CRV 150087
CRV 130333
OUD/KALW. 10/8
GEM. SI/KALW. 104/7
TKP 387
AEJ 130012
AEJ 140068
OUD/KALW. 10/8
GEM. SI/KALW. 99/8
TKP 370

CRV 120095
CRV 110240
OUD/KALW. 8/6
GEM. SI/KALW. 103/6
CRV 100095
VBB 080141
OUD/KALW. 8/3
GEM. SI/KALW. 106/3
LAR 070037
AEJ 090023
OUD/KALW. 4/2
GEM. SI/KALW. 106/2
JMP 080392
AEJ 050120
OUD/KALW. 13/12
GEM. SI/KALW. 97/12

Geboortegemak Waarde	Speenkalf Waarde	Vrugbaarheids-waarde	Onderhouds-waarde	Koeiwaarde	Groei-waarde	Karkas-waarde
90	108	102	80	103	115	111

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
90	113	109	143	105	96	106	111	118	120	123	109	106	112	63	135

Spn. Indeks	365D Indeks	540D Indeks	GDT Indeks	VOV Indeks	Skrotum	LH
107	-	-	106	-	388	1.23

Miostatien	
Q204X	0
NT821	0
F94L	0

OPMERKINGS:

LOGIX EBV Analise: 2024-07-19

LOT 23 — J.A. PIENAAR & SEUN

AEJ 210166
2021-11-18
SP

Ouerskap	Vaar	Moer
DNS	✔	✔
Genomies		

AJF 180215
AEJ 150169
OUD/KALW. 8/7
GEM. SI/KALW. 102/6
TKP 374

AJF 140073
AJF 140235
OUD/KALW. 4/2
GEM. SI/KALW. 102/2
TKP 550
WVZ 100023
AEJ 120031
OUD/KALW. 4/2
GEM. SI/KALW. 100/2
TKP 378

LAR 090223
AJF 110208
OUD/KALW. 8/6
GEM. SI/KALW. 106/6
AJF 070139
AJF 090442
OUD/KALW. 10/7
GEM. SI/KALW. 100/7
MMJ 030209
WVZ 990027
OUD/KALW. 13/9
GEM. SI/KALW. 110/9
AEJ 050212
AEJ 060105
OUD/KALW. 11/9
GEM. SI/KALW. 99/8

Geboortegemak Waarde	Speenkalf Waarde	Vrugbaarheids-waarde	Onderhouds-waarde	Koeiwaarde	Groei-waarde	Karkas-waarde
83	102	94	90	94	99	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
81	104	113	99	89	101	101	105	103	103	108	106	108	119	102	90

Spn. Indeks	365D Indeks	540D Indeks	GDT Indeks	VOV Indeks	Skrotum	LH
103	-	-	100	-	308	1.21

Miostatien	
Q204X	1
NT821	0
F94L	0

OPMERKINGS:

LOGIX EBV Analise: 2024-07-19

LOT 24 — J.A. PIENAAR & SEUN

AEJ 220057
2022-05-04
SP

Ouerskap	Vaar	Moer
DNS	✔	✔
Genomies		

LHB 180137
AEJ 180087
OUD/KALW. 5/4
GEM. SI/KALW. 96/3
TKP 432

CRV 140306
LHB 130096
OUD/KALW. 11/8
GEM. SI/KALW. 98/7
TKP 368
CRV 120415
JMW 100004
OUD/KALW. 12/9
GEM. SI/KALW. 99/9
TKP 359

ABB 100386
GSG 060010
OUD/KALW. 10/7
GEM. SI/KALW. 99/7
WAT 040339 HH(c)
AEJ 100096
OUD/KALW. 9/7
GEM. SI/KALW. 103/7
AG 050158
BHE 000031
OUD/KALW. 13/11
GEM. SI/KALW. 97/11
HJB 040229
CEG 020001
OUD/KALW. 13/10
GEM. SI/KALW. 103/10

Geboortegemak Waarde	Speenkalf Waarde	Vrugbaarheids-waarde	Onderhouds-waarde	Koeiwaarde	Groei-waarde	Karkas-waarde
92	84	95	93	83	98	101

Kalf en Moeder			Vrugbaarheid				Na-Speen Groei			Raam			Karkas		
Geb. Dir.	Spn. Dir.	Spn. Mat.	Skr. Omtr.	Vers Vrugb.	Koei Vrugb.	Lankl.	Na-Speen	GDT	VOV	Volw. Gewig	Hoogte	Lengte	OSO	Vet	Mar
93	93	97	102	96	94	103	95	95	93	106	109	102	98	113	109

Spn. Indeks	365D Indeks	540D Indeks	GDT Indeks	VOV Indeks	Skrotum	LH
90	-	-	106	-	321	1.22

Miostatien	
Q204X	1
NT821	0
F94L	0

OPMERKINGS:

LOGIX EBV Analise: 2024-07-19

BULLS

LOT 25 — J.A. PIENAAR & SEUN

AEJ 220048
2022-04-28
SP

Parentage	Sire	Dam
DNA	✔	✔
Genomic		

BRB 160059
AEJ 160078 — AGE/CALV. 6/4, AVG. WI/CALV. 101/4, ICP 446

BRB 120144
BRB 120129 — AGE/CALV. 8/4, AVG. WI/CALV. 103/4, ICP 494
CRV 120415
AEJ 110167 — AGE/CALV. 12/10, AVG. WI/CALV. 96/9, ICP 383

EZ 100117
BRB 060059 — AGE/CALV. 9/7, AVG. WI/CALV. 110/7
EZ 100111
BRB 100173 — AGE/CALV. 4/2, AVG. WI/CALV. 102/1
AG 050158
BHE 000031 — AGE/CALV. 13/11, AVG. WI/CALV. 97/11
WAT 080263
AEJ 070082 — AGE/CALV. 9/6, AVG. WI/CALV. 98/6

Calving Ease Value	Weaner Calf Value	Fertility Value	Maintenance Value	Cow Value	Growth Value	Carcass Value
103	82	110	101	95	91	85

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
104	82	107	117	114	108	94	79	86	77	97	81	82	77	106	102

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
100	-	-	101	-	361	1.23

Myostatin	
Q204X	1
NT821	0
F94L	0

REMARKS:

LOGIX EBV Analysis: 2024-07-19

LOT 26 — J.A. PIENAAR & SEUN

AEJ 210101
2021-09-08
SP

Parentage	Sire	Dam
DNA	✔	✔
Genomic		

AJF 180215
AEJ 150001 — AGE/CALV. 9/7, AVG. WI/CALV. 109/5, ICP 411

AJF 140073
AJF 140235 — AGE/CALV. 4/2, AVG. WI/CALV. 102/2, ICP 550
AEJ 110111
AEJ 050088 — AGE/CALV. 12/9, AVG. WI/CALV. 101/8, ICP 374

LAR 090223
AJF 110208 — AGE/CALV. 8/6, AVG. WI/CALV. 106/6
AJF 070139
AJF 090442 — AGE/CALV. 10/7, AVG. WI/CALV. 100/7
AEJ 090005
AEJ 040101 — AGE/CALV. 13/8, AVG. WI/CALV. 103/7
RAI 990054
KDJ 970023 — AGE/CALV. 15/12, AVG. WI/CALV. 98/11

Calving Ease Value	Weaner Calf Value	Fertility Value	Maintenance Value	Cow Value	Growth Value	Carcass Value
85	104	91	87	95	100	105

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar
84	103	124	96	87	100	96	99	102	106	112	109	105	109	104	96

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
105	-	-	98	-	325	1.18

Myostatin	
Q204X	1
NT821	0
F94L	0

REMARKS:

LOGIX EBV Analysis: 2024-07-19

LOT 27 — J.A. PIENAAR & SEUN

AEJ 220065
2022-05-10
SP

Parentage	Sire	Dam
DNA	✔	✔
Genomic		

HOT 170058 HH(c)
AEJ 170060 — AGE/CALV. 7/5, AVG. WI/CALV. 105/3, ICP 430

HOT 120019
HOT 130008 — AGE/CALV. 7/4, AVG. WI/CALV. 99/4, ICP 466
AEJ 110111
AEJ 110268 — AGE/CALV. 9/7, AVG. WI/CALV. 98/7, ICP 431

AEJ 090015
HOT 070076 — AGE/CALV. 7/4, AVG. WI/CALV. 97/4
HOT 090150
HOT 100112 — AGE/CALV. 3/1, AVG. WI/CALV. 118/1
AEJ 090005
AEJ 040101 — AGE/CALV. 13/8, AVG. WI/CALV. 103/7
AEJ 090100
AEJ 060001 — AGE/CALV. 12/10, AVG. WI/CALV. 100/9

Calving Ease Value	Weaner Calf Value	Fertility Value	Maintenance Value	Cow Value	Growth Value	Carcass Value
81	120	84	92	101	145	135

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
83	119	116	126	83	86	105	127	136	120	106	120	124	115	106	120

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
103	-	-	124	-	348	1.28

Myostatin	
Q204X	1
NT821	0
F94L	0

REMARKS:

LOGIX EBV Analysis: 2024-07-19

BULLE

LOT 28 — *J.A. PIENAAR & SEUN*

AEJ 210105 Pp(c)
2021-09-10
SP

Ouerskap	Vaar	Moer
DNS	✔	✔
Genomies		

AEJ 190085 Pp(c)
AEJ 190029
OUD/KALW. 5/3
GEM. SI/KALW. 96/1
TKP 387

CRV 150209
AEJ 090263
OUD/KALW. 14/12
GEM. SI/KALW. 101/12
TKP 366
AEJ 130012
AEJ 110020
OUD/KALW. 8/6
GEM. SI/KALW. 102/6
TKP 366

WSS 120111 P
GSG 100077
OUD/KALW. 13/11
GEM. SI/KALW. 104/10
AEJ 050212
AEJ 060119
OUD/KALW. 8/6
GEM. SI/KALW. 91/6
LAR 070037
AEJ 090023
OUD/KALW. 4/2
GEM. SI/KALW. 106/2
MCU 070007 P
AEJ 070060
OUD/KALW. 13/11
GEM. SI/KALW. 104/11

Geboortegemak Waarde	Speenkalf Waarde	Vrugbaarheids-waarde	Onderhouds-waarde	Koeiwaarde	Groei-waarde	Karkas-waarde
87	104	85	93	91	106	100

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
87	111	100	100	80	90	109	99	97	98	106	112	104	103	87	96

Spn. Indeks	365D Indeks	540D Indeks	GDT Indeks	VOV Indeks	Skrotum	LH
96	-	-	108	-	324	1.17

Miostatien	
Q204X	0
NT821	0
F94L	0

OPMERKINGS:

LOGIX EBV Analise: 2024-07-19

LOT 29 — *J.A. PIENAAR & SEUN*

AEJ 220080
2022-06-16
SP

Ouerskap	Vaar	Moer
DNS	✔	✔
Genomies		

HFN 170272
AEJ 160017
OUD/KALW. 8/6
GEM. SI/KALW. 111/5
TKP 420

CEF 140311 HH(c)
HFN 040199
OUD/KALW. 15/11
GEM. SI/KALW. 101/10
TKP 424
CRV 120415
AEJ 060001
OUD/KALW. 12/10
GEM. SI/KALW. 100/9
TKP 393

CEF 120367
CEF 080047
OUD/KALW. 14/11
GEM. SI/KALW. 96/12
NFS 970312
HFN 010138
OUD/KALW. 11/9
GEM. SI/KALW. 107/8
AG 050158
BHE 000031
OUD/KALW. 13/11
GEM. SI/KALW. 97/11
AG 970223
AEJ 010101
OUD/KALW. 9/4
GEM. SI/KALW. 96/4

Geboortegemak Waarde	Speenkalf Waarde	Vrugbaarheids-waarde	Onderhouds-waarde	Koeiwaarde	Groei-waarde	Karkas-waarde
88	111	110	89	111	114	120

Kalf en Moeder			Vrugbaarheid				Na-Speen Groei			Raam			Karkas		
Geb. Dir.	Spn. Dir.	Spn. Mat.	Skr. Omtr.	Vers Vrugb.	Koei Vrugb.	Lankl.	Na-Speen	GDT	VOV	Volw. Gewig	Hoogte	Lengte	OSO	Vet	Mar
88	114	109	123	109	102	113	117	114	115	111	112	118	115	107	109

Spn. Indeks	365D Indeks	540D Indeks	GDT Indeks	VOV Indeks	Skrotum	LH
99	-	-	99	-	334	1.24

Miostatien	
Q204X	0
NT821	0
F94L	0

OPMERKINGS:

LOGIX EBV Analise: 2024-07-19

Bonsmara SA Cattle Breeders' Society

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	-0.25	14.9	3.8	24	9	111	-48	13.4	-	18.0						
	Auction Average			36	262	6.64	49.3	1.22	346	2.11	-0.17	20.0	6.3	36	23	169	-60	27.0	10	35	105	103	122	104	5.0	109
1	AEJ 210075	M	SP	31	244	6.09	52.3	1.23	347	-0.14	-0.18	21.3	0.4	43.1	29.1	184	-59	23.3	8	44	103	107	116	96	8	115
2	AEJ 220006	M	SP	34	265	6.92	57.6	1.21	341	2.26	-0.30	21.0	9.0	36.4	17.5	179	-74	26.9	13	29	106	105	122	105	3	109
3	AEJ 220020	M	SP	32	271	7.1	61	1.30	392	1.23	-0.07	13.9	6.3	23.9	6.4	128	-25	45.1	1	35	109	103	152	109	1	96
4	AEJ 220005	M	SP	38	282	5.49	50.7	1.24	384	2.36	0.00	19.8	8.8	42.2	31.1	241	-71	44	7	35	112	113	150	107	8	112
5	AEJ 220066	M	SP	36	260	6.72	47.5	1.27	346	2.34	-0.12	17.8	6.8	31.1	24.1	120	-46	21.8	5	35	102	94	114	106	4	110
6	AEJ 220056	M	SP	37	243	6.17	46.8	1.19	398	1.82	-0.47	15.7	5.3	27.0	13.9	136	-52	45.1	-0	16	94	95	152	103	4	104
7	AEJ 220025	M	SP	36	263	6.69	53.8	1.21	338	2.07	-0.15	22.9	5.3	45.9	26.7	192	-78	23.7	9	35	104	108	117	103	3	106
8	AEJ 220060	M	SP	35	262	6.76	49.1	1.24	328	1.07	-0.13	16.6	7.4	30.8	11.6	168	-42	31.2	11	42	104	97	129	101	4	112
9	AEJ 210174	M	SP	35	249	7.29	38.7	1.15	340	0.26	-0.62	15.7	-1.6	25.1	6.0	94	-48	24	5	20	98	94	117	94	9	118
10	AEJ 220013	M	SP	35	263	5.52	55.7	1.24	371	2.04	-0.58	20.7	8.1	37.4	20.6	216	-81	35.5	19	40	104	102	136	102	5	107
11	AEJ 210144	M	SP	38	276	7.48	52.5	1.18	350	2.86	-0.48	21.8	4.7	33.4	9.3	123	-45	23.7	21	45	109	111	117	102	8	113
12	AEJ 210079	M	B	37	259	8.01	57.8	1.21	372	2.21	-0.74	17.5	1.8	29.5	6.6	143	-50	23.2	-5	21	108	98	116	106	2	101
13	AEJ 220015	M	SP	36	301	5.87	60	1.24	357	3.21	-0.18	27.4	9.9	48.4	30.7	231	-87	33.9	23	49	121	105	134	114	4	103
14	AEJ 220040	M	SP	40	286	6	54.9	1.28	349	3.11	0.14	30.7	6.8	53.9	39.8	238	-80	35.3	21	59	112	107	136	108	6	110
15	AEJ 220010	M	SP	39	253	5.72	48.7	1.27	329	3.34	-0.07	21.0	10.3	34.0	24.6	125	-50	21.1	15	46	98	100	113	111	5	105
16	AEJ 210114	M	SP	38	279	5.93	49.3	1.21	346	1.57	-0.31	28.5	5.8	44.9	46.0	161	-58	29	21	54	110	92	126	111	9	115
17	AEJ 210163	M	SP	33	254	8.25	40.8	1.19	313	1.24	0.36	15.9	7.3	31.5	32.5	160	-50	18.2	4	32	104	100	108	105	3	104
18	AEJ 210112	M	SP	40	289	6.06	50.2	1.15	353	3.71	0.00	28.4	7.9	44.7	25.8	199	-79	32.3	29	54	114	93	131	108	7	109
19	AEJ 210133	M	SP	34	233	8.95	-	1.18	309	0.96	0.42	17.8	4.5	42.1	31.7	219	-51	11.3	13	40	93	112	97	93	1	124
20	AEJ 210170	M	SP	40	299	5.8	34.2	1.17	342	2.74	0.43	25.8	7.7	54.6	54.3	302	-91	40.7	32	64	118	116	145	106	6	110
21	AEJ 220074	M	SP	36	275	7.06	44.3	1.28	329	2.41	-0.29	21.8	7.9	39.5	24.7	215	-82	22.4	2	32	109	102	115	102	5	107
22	AEJ 220032	M	SP	35	270	-	-	1.23	388	2.20	-0.21	21.0	6.3	36.9	34.6	196	-79	39.8	7	25	107	106	143	101	4	111
23	AEJ 210166	M	SP	37	261	6.73	33.8	1.21	308	3.19	-0.61	17.0	7.6	31.6	18.4	126	-52	12.5	4	27	103	100	99	102	7	119
24	AEJ 220057	M	SP	36	232	6.42	-	1.22	321	1.89	-0.18	11.9	2.9	22.5	16.3	86	-37	14.5	7	21	90	106	102	96	4	110
25	AEJ 220048	M	SP	37	189	5.61	-	1.23	361	0.68	-0.08	6.6	5.9	11.0	5.6	41	-10	23.6	-16	-1	100	101	117	101	4	105

Dier Info				Werklike Syfers						Verwagte Teelwaardes										Indekse			Moeder		
LOT	Dier ID	Geslag	AFD	Geb. Gewig (kg)	205d Gewig (kg)	KKG *Verh.*	KKS *Verh.*	Lengte Hoogte *Verh.*	Skr. Omtr. *(mm)*	Geb Dir (kg)	Geb Mat (kg)	Spn Dir (kg)	Spn Mat (kg)	Na-Spn (kg)	Volw. Gewig (kg)	GDT (g/d)	VOV (kg:kg)	Skr. Omtr. (mm)	Hoogte (mm)	Lengte (mm)	Spn.	GDT	Skr. Omtr.	Gem. Spn. Indeks	Aant. Kalw.	Repr. Indeks
	Ras Gemiddeld									1.08	-0.25	14.9	3.8	24	9	111	-48	13.4	-	18.0						
	Aanbod Gemiddeld			36	262	6.64	49.3	1.22	346	2.11	-0.17	20.0	6.3	36	23	169	-60	27.0	10	35	105	103	122	104	5.0	109
26	AEJ 210101	M	SP	39	268	6.38	52.1	1.18	325	2.79	-0.30	16.3	10.8	27.1	22.7	121	-58	11	7	24	105	98	96	109	7	107
27	AEJ 220065	M	SP	37	262	6.22	49.1	1.28	348	2.95	0.07	23.8	8.3	49.1	15.8	287	-80	29.2	16	46	103	124	126	105	5	107
28	AEJ 210105	M	SP	37	242	8.03	51.3	1.17	324	2.46	-0.09	20.0	3.7	26.5	15.4	96	-44	13.2	9	22	96	108	100	96	3	112
29	AEJ 220080	M	SP	40	257	6.57	39.4	1.24	334	2.35	-0.15	21.1	6.4	40.9	20.9	178	-71	27.3	9	38	99	99	123	111	6	106

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