

AMPTELIKE VEILINGSKATALOGUS VIR /
OFFICIAL AUCTION CATALOGUE FOR

OOS TRANSVAAL BULVEILING

ERMELO
26 July 2023

All Pedigree- and Performance Data is as recorded on LOGIX on 10 July 2023



ANIMAL, OWNER AND PEDIGREE INFORMATION

1
2
3
4
5

LOT 1 (M)

SUPERBULL BREEDERS

 Town, Province
 078 737 2855
 super_bull@webmail.com

SUPERBULL'S SUPERSTAR SB 200201

Herd Book	SP
Birth date	2020-01-01
Age	2y 7m
Inbreeding	1%
DNA	ABC001234

9 (& 10)

SUPERBULL SB 140007 Pp(c)

Parentage	Sire	Dam
DNA	✓	
Genomic	✓	

11

12

13

1. Lot Number & sex (mixed lots)
 2. Breed's logo
 3. **GT** - animal is genomically tested
 4. Animal Identification Number and Name
 5. Polled Status
 - Celtic: PP(c)/Pp(c) - polled, HH(c) - horned
 - Phenotypic: P/PcH - polled, HH - horned, SC - scurs
 6. Animal's photo, or Herd's logo
 7. Herd's logo
 8. Owner's information

9. Animal's information
 - Herd book section
 - Birth date
 - Animal's age
 - Animal's inbreeding percentage
 - DNA Number - if available
 10. Additional information (only females)
 - Age at first calving
 - Number of calves born
 - Number of calves weaned
 - Average Wean Index
 - Intercalving Period

11. Parentage Verification - a green tick (✓) indicates that the sire and/or dam has been verified via microsatellite (DNA) and/or Genomic testing
 12. Dam information
 - Age and Number of Calvings
 - Average Wean Index and Number of Calves Weaned
 - Age at First Calving and Intercalving Period
 - Cow award
 13. Four (4) generation pedigree

QR Code

This code can be scanned with a smart device. It redirects to the animal's information on www.SABeefBulls.com where additional information for the animal is available.



Myostatin	
Q204X	Free
NT821	Carrier
F94L	Not Tested

Myostatin Results

- Free - free from double muscling genes
- Carrier - heterozygotic / carrier of one double muscling gene
- D. Muscled - homozygotic / double muscled

GENETIC VALUES - BUILDING BLOCKS

Calf and Mother				Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Birth Mat.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar
83	121	130	89	112	84	101	112	125	126	129	113	104	115	149	82	119
87%	70%	83%	70%	81%	68%	59%	69%	72%	76%	80%	65%	81%	80%	77%	74%	73%
10	11	12	13	16	14	15	17	18	19	20	21	22	23	25	26	27

The Logix Selection Values are compiled of specific genetic building blocks, as indicated in the selection value descriptions on the next page. These genetic building blocks are indicated in the catalogue by their Breeding Value indices and accuracies.

PHENOTYPIC VALUES

Birth Weight	205D Weight	365D Weight	540D Weight	ADG Index	FCR Index	Scrotum	LH
47kg	239kg 109 (19)	284kg 99 (10)	390kg 92 (10)	1680g/d 90 (13)	6.08 98	353mm (D1)	1.20
10	12			19	20	16	24

- 205D, 365D, 540D weights - adjusted weaning, year and 18 month weights, the phenotypic index obtained, and the number of animals in the contemporary group
- ADG and FCR Indices - phenotypic index obtained within the animal's contemporary group
- Scrotum - adjusted scrotal circumference, in mm, as measured at the end of the growth test, as well as the growth test type
- Length-Height Ratio (LH) - the animal's length to height ratio, as measured at the end of the growth test

LOGIX SELECTION VALUES

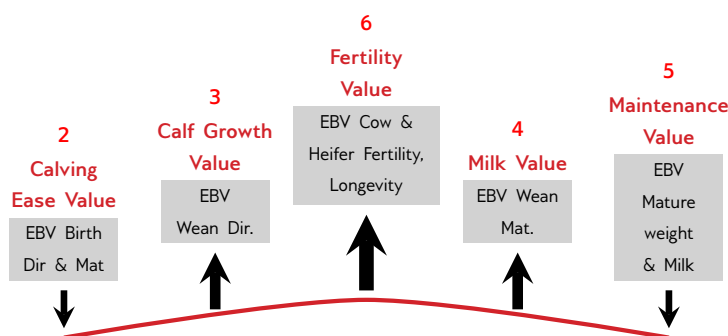
COW VALUE 108	
103	Calving Ease Value
118	Calf Growth Value
86	Milk Value
80	Maintenance Value
110	Fertility Value
GROWTH VALUE 105	
CARCASS VALUE 110	
PRODUCTION VALUE 103	



1 L♀ GIX Cow Value

Selection for:

- Fertile cows,
- with low maintenance,
- that calf easily,
- and wean heavy calves



7 L♀ GIX Growth Value

Selection for efficient growers on veld & in the feedlot



8 L♀ GIX Carcass Value

Selection for higher meat yield on carcass



9 L♀ GIX Production Value

Selection for easy-care, Profitable cattle

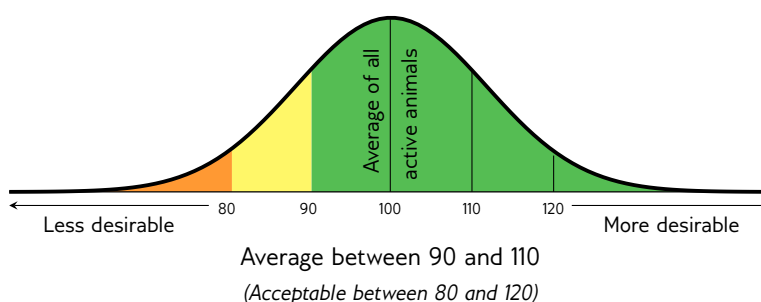
- 80% Cow Value
- 20% Growth Value

EXPLANATION OF BREEDING VALUES AND SELECTION VALUES

Traits		Description/Measurement	Goal	General Guidelines				
				<80	<90	90-110	>110	>120
Selection Values	1 Cow Value	Combination of Calving Ease, Calf Growth, Milk, Maintenance and Fertility Values (Rand-Value)	Profitable Cow	Loss				Profit
	2 Calving Ease Value	Risk for calving problems (calf too heavy) vs calf too small	Avg. birth weight					Low
	3 Calf Growth Value	Calf's genetic ability for pre-weaning growth	Heavy weaner calf					Heavy
	4 Milk Value	Cow's genetic mothering and milking ability	Enough milk for the calf					More
	5 Maintenance Value	Maintenance requirements of cow (cow weight and milk)	Low cow maintenance				*	Low
	6 Fertility Value	Fertility and retention of cows and heifers	Fertile cows					High
	7 Growth Value	Efficient growth on veld and in feedlot (R-value)	Profitable growth					Profit
	8 Carcass Value	Meat on carcass (Weight and RTU EBVs)	More meat on the carcass					More
	9 Production Value	Combination of Cow- and Growth values (R-value)	Profitable animals					Profit
Cow & Heifer	10 Birth Weight Direct	Birth weight (Calf's genetic ability)	Avg. birth weight					Light
	11 Birth Weight Maternal	Birth weight (Cow's genetic ability)	Easy calving					Light
	12 Weaning Weight Direct	Weaning weight (Calf's genetic ability)	Heavy weaner calves					Heavy
	13 Weaning Weight Maternal	Weaning weight (Cow's genetic ability)	Good mothers					Good
	21 Mature Cow Weight	Cow weight at weaning of first three calves	Avg. mature cow weight				*	Heavy
	Cow-Calf Birth	EBV Birth Direct / EBV Mature Cow weight	Average					High
Fertility	Cow-Calf Wean	EBV Wean Direct / EBV Mature Cow weight	High calf-cow ratio					High
	14 Heifer Fertility	Age at first calving	Fertile heifers	Less				More
	15 Cow Fertility	First 3 inter-calving periods (ICPs)	Fertile cows	Less				More
Growth & Frame	16 Scrotal Circumference	As measured during the growth test	Fertile bulls	Less				More
	17 Longevity	Retention of progeny	Acceptable progeny	Poor				Good
	18 Post-Wean Weight	12- and 18 month weights	Good post-wean growth	Low				High
	19 Average Daily Gain	Average daily gain	Good growth	Poor				Good
	20 Feed Conversion Ratio	100g feed intake / g weight gain	Feed efficiency	Poor				Good
	Final Test Weight	Final weight in the growth test	Heavy carcass	Light				Heavy
	22 Height	Shoulder / Hip height in growth test	Average height	Short				Tall
	23 Length	Length in growth test	Longer for more muscle	Short				Long
Carcass	24 Length-Height Ratio	EBV Length / EBV Height	Longer rather than tall	<1				>1
	25 Eye Muscle Area	RTU measured eye muscle area	Bigger steaks	Small				Big
	26 Fat Thickness	RTU measured P8 backfat thickness	Carcass quality	Thin				Thick
	27 Marbling	RTU measured % of intra-muscular fat	Juicy meat	Low				High

* Determined by own selection goal

INTERPRETATION OF BREEDING VALUE INDICES



LOT 211



BIG J JO 200001

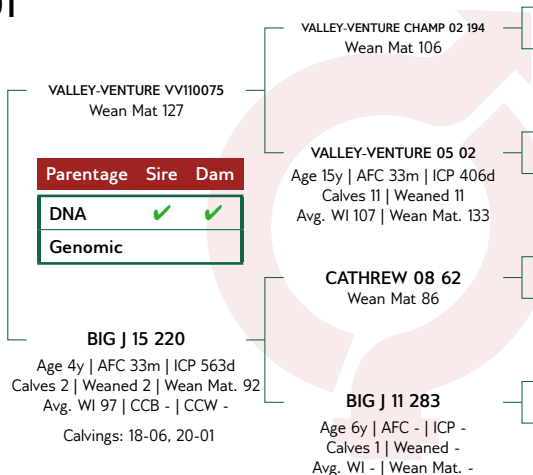


J.J. ODENDAAL

jacques@bundunet.co.za

POSBUS 1844, VRYHEID, 3100

Herd Book	SP
Birth date	2020-01-07
Age	3.5 years
Inbreeding	1%
DNA	U6364U003



RENSBOU 007

VALLEY-VENTURE 00 66
Age 4y | Avg. WI 96
Calves 1 | Weaned 1

HENVIA JACK 32

VALLEY-VENTURE 9995
Age 10y | Avg. WI 103
Calves 6 | Weaned 7

CONSORT 03 50

CATHREW 02 21
Age 9y | Avg. WI 102
Calves 8 | Weaned 6

COW VALUE 100	
86	Calving Ease Value
109	Calf Growth Value
110	Milk Value
95	Maintenance Value
94	Fertility Value

GROWTH VALUE 101
CARCASS VALUE 101
PRODUCTION VALUE 100



Myostatin	
Q204X	Not Tested
NT821	Not Tested
F94L	Not Tested

LOGIX
EBV Analysis 2023-06-19

Calf and Mother				Fertility			
Birth Dir.	Birth Mat.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.
86	103	109	110	105	93	96	93
48%	40%	49%	45%	34%	51%	34%	54%

Post-Wean Growth			Frame			Carcass		
Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar
103	98	93	105	106	101	101	101	106
39%	30%	20%	24%	33%	32%	29%	26%	26%

Birth Weight	205D Weight	365D Weight	540D Weight	ADG Index	FCR Index	Scrotum	LH
-	196kg 111 (10)	-	-	-	-	-	-

SELLER REMARKS: A son of VV 110075 which was sold for a SA record price. A must for any serious commercial farmer.

LOT 212



BIG J JO 200063

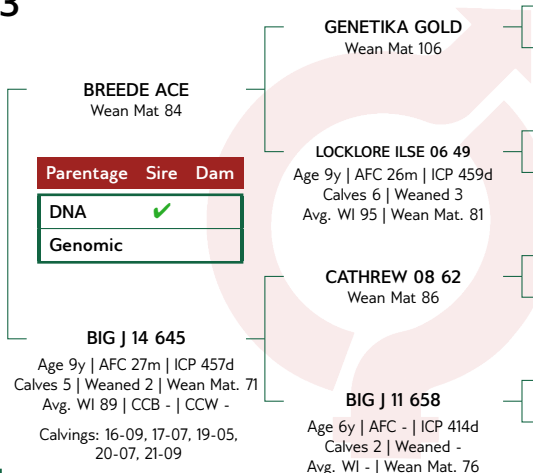


J.J. ODENDAAL

jacques@bundunet.co.za

POSBUS 1844, VRYHEID, 3100

Herd Book	SP
Birth date	2020-07-11
Age	3 years
Inbreeding	0%
DNA	U6364U030



JR RANCH 04 29

GENETIKA GOLD
Age 7y | Avg. WI 104
Calves 4 | Weaned 3

LOCKLORE IAN 118 94

GANADO ROJO 02 68
Age 15y | Avg. WI 101
Calves 11 | Weaned 9

CONSORT 03 50

CATHREW 02 21
Age 9y | Avg. WI 102
Calves 8 | Weaned 6

CATHREW 08 62

COW VALUE 83	
81	Calving Ease Value
105	Calf Growth Value
78	Milk Value
89	Maintenance Value
110	Fertility Value

GROWTH VALUE 98
CARCASS VALUE 96
PRODUCTION VALUE 84



Myostatin	
Q204X	Not Tested
NT821	Not Tested
F94L	Not Tested

LOGIX
EBV Analysis 2023-06-19

Calf and Mother				Fertility			
Birth Dir.	Birth Mat.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.
88	81	105	78	89	109	108	103
49%	33%	66%	47%	37%	42%	27%	50%

Post-Wean Growth			Frame			Carcass		
Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar
112	96	86	111	88	95	89	88	123
39%	33%	29%	19%	37%	35%	32%	29%	29%

Birth Weight	205D Weight	365D Weight	540D Weight	ADG Index	FCR Index	Scrotum	LH
-	179kg 96 (9)	-	-	-	-	-	-

SELLER REMARKS: A son of Ace BR 140016 which was South Africa Interbreed champion bull in 2018 and also world champion bull in 2018. Good depth and carry lot of meat.

LOT 213



HINZE H20070



NETTIQ PTY LTD

hinze@hinze.co.za

C/O MR H. HINZE, PO BOX
31, COMMONDALE, 2385

Kuddeboek	B
Geb. dtm	2020-07-30
Oud.	3 jaar
Inteling	0%
DNS ZOCA2023-50578	

OPLAAS GELUK BOTHA
Spn Mat. 103

Ouerskap	Vaar	Moer
DNS	✓	
Genomies		

TITZE HDH13014
Oud. 10j | OEK - | TKP 412d
Kalwers 6 | Gespeen 4 | Spn. Mat. 110
Gem. SI 110 | CCB - | CCW -
Kalwings: 17-01, 18-06, 19-07,
20-07, 21-07, 22-09

PINNACLE KNIGHT
Spn Mat. 81

CONSORT 08 41

PINNACLE DIANA
Oud. 8j | Gem. SI 107
Kalwers 5 | Gespeen 2

SANTAPINE LEADER

SANTAPINE HONEY
Oud. 10j | Gem. SI 95
Kalwers 6 | Gespeen 3

SANTAPINE ULTIMATE

SANTAPINE SILKY
Oud. 6j | Gem. SI 104
Kalwers 3 | Gespeen 2

SANTAPINE X-ERCISE
Spn Mat. 90

SANTAPINE QUIZZY
Oud. 21j | OEK 29m | TKP 368d
Kalwers 16 | Gespeen 14
Gem. SI 109 | Spn. Mat. 130

KOEIWAARDE 130

78	Kalfgemak Waarde
139	Kalfgroei Waarde
110	Melk Waarde
82	Onderhoudswaarde
101	Vrugbaarheidswaarde

GROEI WAARDE 125

KARKAS WAARDE 136

PRODUKSIE WAARDE 131

LOGIX
EBV Analyse 2023-06-19

Kalf en Moeder				Vrugbaarheid			
Geb. Dir.	Geb. Mat.	Spn. Dir.	Spn. Mat.	Skr. Omtr.	Vers Vrugb.	Koei Vrugb.	Lanklew.
53	89	139	110	109	103	98	99
69%	40%	65%	46%	42%	37%	25%	46%

Na-Speen Groei			Raam			Karkas		
Na-Speen	GDT	VOV	Volw. Gewig	Hoogte	Lengte	OSO	Vet	Mar
144	133	122	118	128	134	124	119	135
30%	37%	40%	17%	43%	41%	36%	32%	31%

Geb. Gewig	205D Gewig	365D Gewig	540D Gewig	GDT Indeks	VOV Indeks	Skrotum	LH
45kg	244kg 102 (14)	-	-	-	-	-	-



Miostatien

Q204X	Nie Getoets
NT821	Nie Getoets
F94L	Nie Getoets

VERKOPER OPMERKINGS: Lang bul. Uit top teelkoei met indrukwekkende syfers! Skrotum 40cm. Sy pa is 'n goue meriete bul.

LOT 214



HINZE H20209



NETTIQ PTY LTD

hinze@hinze.co.za

C/O MR H. HINZE, PO BOX
31, COMMONDALE, 2385

Kuddeboek	B
Geb. dtm	2020-12-07
Oud.	2.6 jaar
Inteling	0%
DNS ZOCA2023-50581	

Ouerskap	Vaar	Moer
DNS	✓	
Genomies		

TITZE HDH 13-123
Oud. 7j | OEK - | TKP 373d
Kalwers 6 | Gespeen 2 | Spn. Mat. 108
Gem. SI 107 | CCB - | CCW -
Kalwings: 16-09, 17-09, 18-11,
19-12, 20-12, 21-10

VALLEY-VENTURE CHAMP 02 194
Spn Mat. 106

RENSBOU 007

VALLEY-VENTURE 00 66
Oud. 4j | Gem. SI 96
Kalwers 1 | Gespeen 1

HENVIA JACK 32

VALLEY-VENTURE 97 133
Oud. 15j | Gem. SI 103
Kalwers 8 | Gespeen 8

VALLEY-VENTURE 05 63
Oud. 14j | OEK 35m | TKP 417d
Kalwers 10 | Gespeen 8
Gem. SI 104 | Spn. Mat. 99

KOEIWAARDE 103

84	Kalfgemak Waarde
115	Kalfgroei Waarde
102	Melk Waarde
91	Onderhoudswaarde
98	Vrugbaarheidswaarde

GROEI WAARDE -

KARKAS WAARDE 107

PRODUKSIE WAARDE -

LOGIX
EBV Analyse 2023-06-19

Kalf en Moeder				Vrugbaarheid			
Geb. Dir.	Geb. Mat.	Spn. Dir.	Spn. Mat.	Skr. Omtr.	Vers Vrugb.	Koei Vrugb.	Lanklew.
82	111	115	102	111	96	101	85
49%	37%	65%	44%	20%	34%	24%	45%

Na-Speen Groei			Raam			Karkas		
Na-Speen	GDT	VOV	Volw. Gewig	Hoogte	Lengte	OSO	Vet	Mar
105	104	91	109	108	108	108	107	110
20%	18%	15%	13%	20%	20%	17%	16%	15%

Geb. Gewig	205D Gewig	365D Gewig	540D Gewig	GDT Indeks	VOV Indeks	Skrotum	LH
-	227kg 115 (49)	-	-	-	-	-	-



Miostatien

Q204X	Nie Getoets
NT821	Nie Getoets
F94L	Nie Getoets

VERKOPER OPMERKINGS: Dik bul. Sy ma teel uitstaande speenkalwers. Skrotum 37cm.

LOT 215



HINZE H20065



NETTIQ PTY LTD

hinze@hinze.co.za

C/O MR H. HINZE, PO BOX
31, COMMONDALE, 2385

Herd Book	B
Birth date	2020-07-25
Age	3 years
Inbreeding	0%
DNA	ZOCA2023-50577

OPLAAS GELUK BOTHA
Wean Mat 103

Parentage	Sire	Dam
DNA	✓	
Genomic		

PINNACLE KNIGHT
Wean Mat 81

CONSORT 08 41

PINNACLE DIANA
Age 8y | Avg. WI 107
Calves 5 | Weaned 2

SANTAPINE LEADER

SANTAPINE HONEY
Age 10y | Avg. WI 95
Calves 6 | Weaned 3

SANTAPINE QUIZZY
Age 21y | AFC 29m | ICP 368d
Calves 16 | Weaned 14
Avg. WI 109 | Wean Mat. 130

TITZE HDH 14-188

Age 8y | AFC - | ICP 416d
Calves 6 | Weaned 3 | Wean Mat. 103
Avg. WI 103 | CCB - | CCW -

Calvings: 16-12, 18-02, 19-07,
20-07, 21-08, 22-08

COW VALUE 115

84	Calving Ease Value
128	Calf Growth Value
102	Milk Value
89	Maintenance Value
92	Fertility Value

GROWTH VALUE 115

CARCASS VALUE 127

PRODUCTION VALUE 116

LOGIX
EBV Analysis 2023-06-19

Calf and Mother

Fertility

Birth Dir.	Birth Mat.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.
79	111	128	102	111	88	99	96
68%	36%	61%	35%	35%	32%	17%	41%

Post-Wean Growth

Frame

Carcass

Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar
125	123	111	111	120	128	134	112	121
23%	30%	34%	11%	36%	34%	31%	27%	26%

Birth Weight	205D Weight	365D Weight	540D Weight	ADG Index	FCR Index	Scrotum	LH
38kg	255kg 111 (14)	-	-	-	-	-	-



Myostatin

Q204X	Not Tested
NT821	Not Tested
F94L	Not Tested

SELLER REMARKS: Hy behoort speenmassa te verbeter. Skrotum 40cm.

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				42	220	-	-	-	-	1.19 2.97	-0.14 -0.11	10.9 19.7	0.6 0.7	15 29	13 23	52 92	-10	7.7 10.3	14	28	107	-	105	101	5.0	104
211	JO 200001	M	SP	-	196	-	-	-		2.31	-0.25	14.9	3.3	19.2	17.6	45	-2	10.1	11	16	111	-	105	97	2	92
212	JO 200063	M	SP	-	179	-	-	-		2.16	0.48	13.1	-5.5	24.3	22.8	38	6	1.9	1	10	96	-	89	89	5	103
213	H 200070	M	B	45	244	-	-	-		4.89	0.23	29.1	3.5	47.2	29.2	174	-33	12.2	24	48	102	-	109	110	6	105
214	H 200209	M	B	-	227	-	-	-		2.64	-0.50	17.7	1.2	21.1	21.2	67	1	13.7	13	22	115	-	111	107	6	114
215	H 200065	M	B	38	255	-	-	-		2.85	-0.50	23.8	1.2	35.4	23.2	138	-22	13.4	20	42	111	-	111	103	6	104

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	AGE	OU.D.	Ouderdom in jaar
Age at First Calving	AFC	OEK	Ouderdom met Eerst Kalwing
Intercalving Period	ICP	TKP	Tussen-Kalf Periode
Number of calvings	Calvings	Kalwings	Aantal kalwings
Number of calves weaned	Weaned	Gespeen	Aantal kalwings
Average Wean index	Avg. WI	Gem. SI	Gemiddelde speen indeks
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)	Homosigoties Poena (Celtic toets)
Heterozygous Polled (Celtic test)	Pp(c)	Pp(c)	Heterosigoties Poena (Celtic toets)
Phenotypically Polled	P	P	Fenotopies Poena
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 Vrugh.	Vers Vrughbaarheid
Cow Fertility	Cow Fert.	Koei Vrugh.	Koei Vrughbaarheid
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-spiersse vet)
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
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
Cow-Calf Birth Ratio	CCG	KKG	Koei-Kalf Geboorte Verhouding
Cow-Calf Wean Ratio	CCW	KKS	Koei-Kalf Speen Verhouding
Average Weaning Index	Avg. WI	Gem. SI	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