

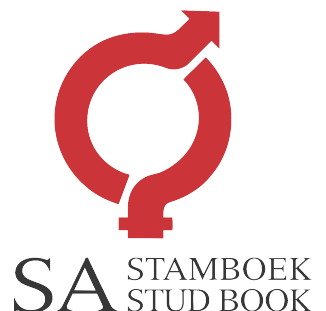
AMPTELIKE VEILINGSKATALOGUS VIR /
OFFICIAL AUCTION CATALOGUE FOR

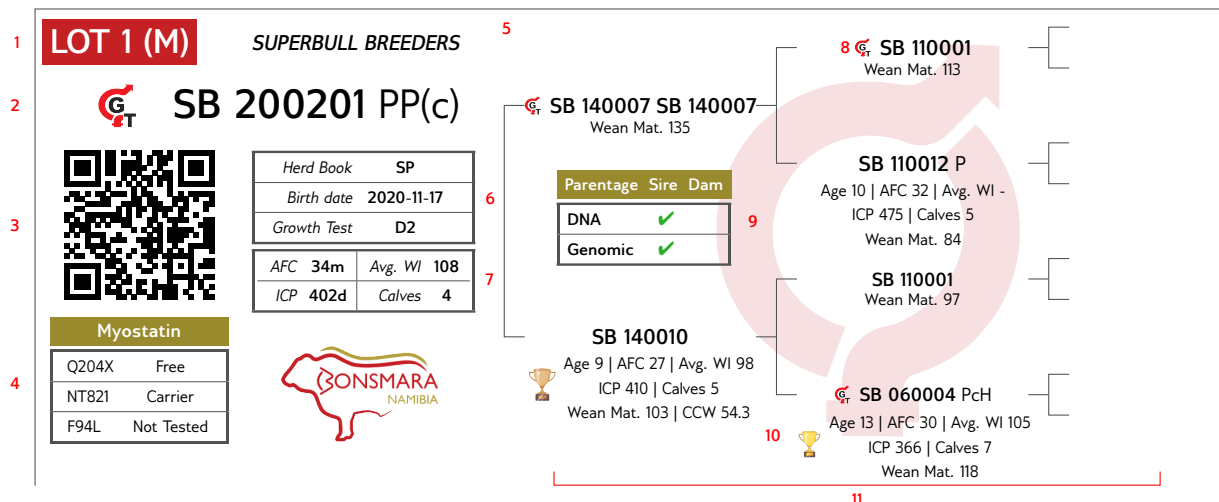
NOORDELIKE BULVEILING 1 DESEMBER 2023

GROOTFONTEIN

01 December 2023

All Pedigree- and Performance Data is as recorded on LOGIX on 13 November 2023

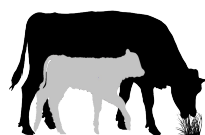




- Lot Number & sex (mixed lots)
- Animal Identification
 - GT - animal is genomically tested
 - Animal Identification Number
 - Polled Status
 - Celtic: PP(c)/Pp(c) - polled, HH(c) - horned
 - Phenotypic: P/Pch - polled, HH - horned, SC - scurs
- QR Code - This code can be scanned with a smart device. It redirects to the animal's information on www.SABeefBulls.com where additional information for the animal is available.
- Myostatin Results
 - Free - free from double muscling genes
 - Carrier - heterozygotic / carrier of one double muscling gene
 - D. Muscled - homozygotic / double muscled
 - Not Tested
- Owner
- Animal's information
 - Herd book section, Birth date, Growth Test
- Additional information (Females)
 - Age at first calving, Average wean index, Intercalving Period, Number of calves bornx
- Sire Information
 - Maternal wean index
- Parentage Verification - a green tick (✓) indicates that the sire and/or dam has been verified via microsatellite (DNA) and/or Genomic testing
- Dam information
 - Age, Age at first calving and Average Wean Index, Intercalving Period and Number of Calves, Cow award (bronze, silver or gold), Maternal Wean Index, Cow-Calf Wean Index
- Four (4) generation pedigree

LOGIX SELECTION VALUES

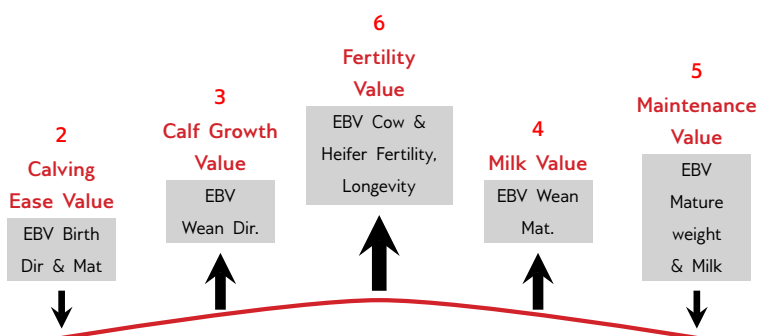
Calving Ease Value	Weaner Calf Value	Maintenance Value	Fertility Value	Cow Value	Growth Value	Carcass Value	Production Value
119	109	98	124	125	108	107	125
2	7	5	6	1	8	9	10



1 L♂ GIX Cow Value

Selection for:

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



7 L♂ GIX Weaner Calf Value

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



8 L♂ GIX Growth Value

Selection for efficient growers on veld & in the feedlot



9 L♂ GIX Carcass Value

Selection for higher meat yield on carcass



10 L♂ GIX Production Value

Selection for easy-care, Profitable cattle

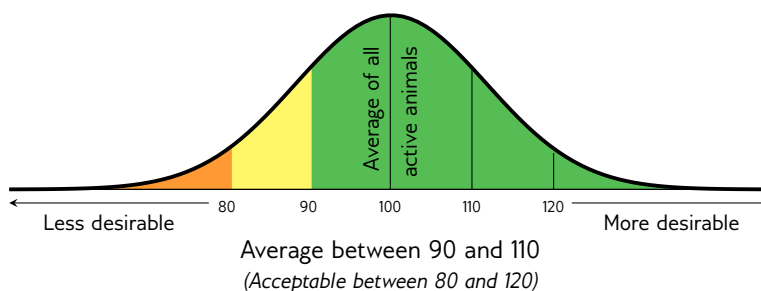
- 80% Cow Value
- 20% Growth Value

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

* Determined by own selection goal

INTERPRETATION OF BREEDING VALUE INDICES



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	KLB	Mature Weight	Height	Length	EMA	Fat	Mar
83	121	130	89	112	84	101	112	125	126	113	113	104	115	149	82	119
87%	70%	83%	70%	81%	68%	59%	69%	72%	76%	80%	65%	81%	80%	77%	74%	73%
11	12	13	14	17	15	16	18	19	20	22	23	24	25	27	28	29

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	205D Index	365D Index	540D Index	ADG Index	FCR Index	KLB Index	Scrotum	LHR	Length: 1520
37kg	284kg	106	103	97	91	92	120	353mm	1.21	Height: 1260
11	13			20	21	22		17	26	24, 25

- Wean, 365D, 504D, ADG, FCR and Kleiber 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
- LH, Length en Height - the animal's length to height ratio, as well as the Length and Height, as measured at the end of the growth test

LOT 1 (M)

B.H. & C. MOUTON

WAGB190039

Myostatin

Q204X	Free
NT821	Free
F94L	Free

Herd Book	SP
Birth date	2019-07-19
Growth Test	B2


WAGB130012
Wean Mat. 80

Parentage	Sire	Dam
DNA	✓	
Genomic		

WAGB070140
Age 15y | AFC 25 | Avg. WI 95
ICP 494 | Calves 11
Wean Mat. 74 | CCW 34.2

HART090136
Wean Mat. 100

WAGB070087
Age 16y | AFC 28 | Avg. WI 101
ICP 380 | Calves 10
Wean Mat. 85

GMS 010269
Wean Mat. 67

NOK 980109
Age 14y | AFC 36 | Avg. WI 102
ICP 427 | Calves 10
Wean Mat. 88

WAT 040339 HH(c)

RCO 020049

Age 14 | Avg. WI 96
ICP - | Calves 12

HTC 990018

NOK 980076

Age 14 | Avg. WI 98
ICP - | Calves 9

GMS 950700

GMS 980064

Age 10 | Avg. WI 94
ICP - | Calves 7

AG 910222

NOK K 0037

Age 21 | Avg. WI 100
ICP - | Calves 9

LOGIX
Genomic Breeding Value
Analysis 2023-10-25

Calving
Ease Value
111

Weaner
Calf Value
73

Maintenance
Value
99

Fertility
Value
80

Cow Value
69

Growth
Value
98

Carcass
Value
88

Production
Value
71

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	KLB	Mature Weight	Height	Length	EMA	Fat	Mar
112	84	76	103	89	82	96	84	93	97	100	101	94	80	106	96
78%	74%	57%	74%	46%	31%	56%	68%	44%	44%	44%	49%	48%	32%	31%	30%

Birth Weight	205D Weight	205D Index	365D Index	540D Index	ADG Index	FCR Index	KLB Index	Scrotum	LHR	Length: -	Height: -
32kg	146kg	106	96	92	-	-	-	348mm	-	-	-

SELLER REMARKS:

LOT 2 (M)

B.H. & C. MOUTON

WAGB200042

Myostatin

Q204X	Free
NT821	Free
F94L	Free

Herd Book	SP
Birth date	2020-11-30
Growth Test	B2


WAGB160020 Pp(c)
Wean Mat. 103

Parentage	Sire	Dam
DNA	✓	
Genomic		

WAGB150071
Age 8y | AFC 35 | Avg. WI 98
ICP 413 | Calves 5
Wean Mat. 95 | CCW 40.3

HART090136
Wean Mat. 100

WAGB070104
Age 15y | AFC 26 | Avg. WI 100
ICP 466 | Calves 10
Wean Mat. 94

HART100202
Wean Mat. 109

WAGB070117
Age 16y | AFC 31 | Avg. WI 101
ICP 384 | Calves 12
Wean Mat. 119

WAT 040339 HH(c)

RCO 020049

Age 14 | Avg. WI 96
ICP - | Calves 12

HP 990021

NOK 010035

Age 11 | Avg. WI 103
ICP - | Calves 8

AG 030359 HH(c)

VBB 080076

Age 7 | Avg. WI 107
ICP - | Calves 5

HA 020169

IH 940037

Age 17 | Avg. WI 105
ICP - | Calves 14

LOGIX
Genomic Breeding Value
Analysis 2023-10-25

Calving
Ease Value
107

Weaner
Calf Value
92

Maintenance
Value
109

Fertility
Value
109

Cow Value
101

Growth
Value
85

Carcass
Value
96

Production
Value
97

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	KLB	Mature Weight	Height	Length	EMA	Fat	Mar
105	89	98	85	99	105	117	88	87	87	91	92	93	90	118	108
77%	72%	54%	72%	41%	26%	49%	67%	34%	34%	39%	37%	36%	32%	30%	30%

Birth Weight	205D Weight	205D Index	365D Index	540D Index	ADG Index	FCR Index	KLB Index	Scrotum	LHR	Length: -	Height: -
30kg	195kg	97	103	95	-	-	-	339mm	-	-	-

SELLER REMARKS:

LOT 3 (M)

B.H. & C. MOUTON

WAGB200044

Miostatien

Q204X	Skoon
NT821	Skoon
F94L	Skoon

Kuddeboek	SP
Geb. dtm	2020-12-01
Groei Toets	B2


WAGB160039
Spn. Mat. 100

Ouerskap	Vaar	Moer
DNS	✓	
Genomies		

WAGB170041
Oud. 6j | OEK 36 | Gem. SI 92
TKP 486 | Kalwers 3
Speen Mat. 65 | KKS 40.3

HART110073
Spn. Mat. 82

NGO 030041
Oud. 16j | OEK 35 | Gem. SI 99
TKP 425 | Kalwers 12
Speen Mat. 119

WAGB130042 HH(c)
Spn. Mat. 74

WAGB050023
Oud. 17j | OEK 30 | Gem. SI 90
TKP 368 | Kalwers 15
Speen Mat. 73

AG 030029 HH(c)
HART080028
Oud. 11 | Gem. SI 100
TKP - | Kalwers 9

B 910133
NGO 920021
Oud. 17 | Gem. SI 101
TKP - | Kalwers 11

WAGB090105
WAGB080017
Oud. 11 | Gem. SI 99
TKP - | Kalwers 4

HP 990021
HA 000081
Oud. 14 | Gem. SI 105
TKP - | Kalwers 11


Geboortegemak Waarde	Speenkalf Waarde	Onderhouds- waarde	Vrugbaarheids- waarde	Koeiwaarde	Groei-waarde	Karkas- waarde	Produksie- waarde
105	76	104	110	87	85	83	85

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	KLB	Volw. Gewig	Hoogte	Lengte	OSO	Vet	Mar
105	83	85	88	112	103	100	87	92	98	95	90	86	73	102	103
75%	70%	48%	72%	40%	27%	48%	65%	34%	34%	34%	37%	36%	27%	25%	25%

Geb. Gewig	205D Gewig	205D Indeks	365D Indeks	540D Indeks	GDT Indeks	VOV Indeks	KLB Indeks	Skrotum	LHV	Lengte: -
36kg	190kg	91	93	96	-	-	-	359mm	-	Hoogte: -

VERKOPER OPMERKINGS:

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)	KLB (g/kg)	Scr. Circ. (mm)	Height. (mm)	Length (mm)	Wean	ADG	Scr. Circ.	Avg. Wean Index	Nr. Calves	Repr. Index
Breed Average Auction Average				33	177	7.44	37.9	-	349	1.09 0.29	-0.22 -0.28	14.5 7.8	3.9 -0.0	23 16	10 5	107 59	79 58	11.8 6.6	1 -4	15 3	98	-	92	95	6.0	94
1	WAGB190039	M	SP	32	146	5.73	26.2	-	348	-0.17	-0.20	7.3	-3.0	13.8	9.9	71	67.4	13.8	2	7	106	-	103	95	11	93
2	WAGB200042	M	SP	30	195	6.52	44.5	-	339	0.53	-0.49	9.4	3.4	17.2	0.0	40	35.7	1.8	-6	5	97	-	85	98	5	101
3	WAGB200044	M	SP	36	190	10.08	42.9	-	359	0.50	-0.14	6.8	-0.4	16.3	4.3	65	71.7	4.2	-7	-3	91	-	88	92	3	89

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	OUDE.	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 kalwers gespeen
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 Vrugb.	Vers Vrugbaarheid
Cow Fertility	Cow Fert.	Koei Vrugb.	Koei Vrugbaarheid
Longevity	Longev.	Lankl.	Lanklewendheid
Mature Weight (kg)	Mat. Wt.	Volw. Gewig	Volwasse gewig (kg)
Average Daily Gain (g/day)	ADG	GDT	Gemiddelde Daaglikse Toename
Feed Conversion Ratio (kg:kg)	FCR	VOV	Voeromset Verhouding
Kleiber Ratio (g/kg)	KLB	KLB	Kleiber Verhouding (g/kg)
Eye Muscle Area	EMA	OSO	Oogspier grootte
Backfat Thickness (mm)	Fat	Vet	Rugvet Diepte (mm)
Marbeling (intra-muscular fat)	Mar	Mar	Marmering (binne-spiersse vet)
Actual Birth weight (kg)	Birth Wt.	Geb. gewig	Werklike Geboorte gewig (kg)
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 Weight Ratio	CCG	KKG	Koei-Kalf Geboorte Gewig Verhouding
Cow-Calf Wean Weight Ratio	CCW	KKS	Koei-Kalf Speen Gewig 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