

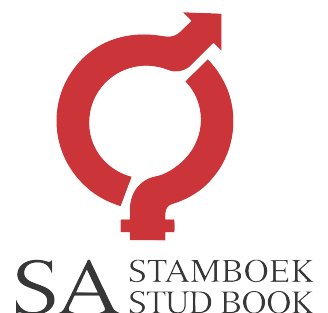
AMPTELIKE VEILINGSKATALOGUS VIR /
OFFICIAL AUCTION CATALOGUE FOR

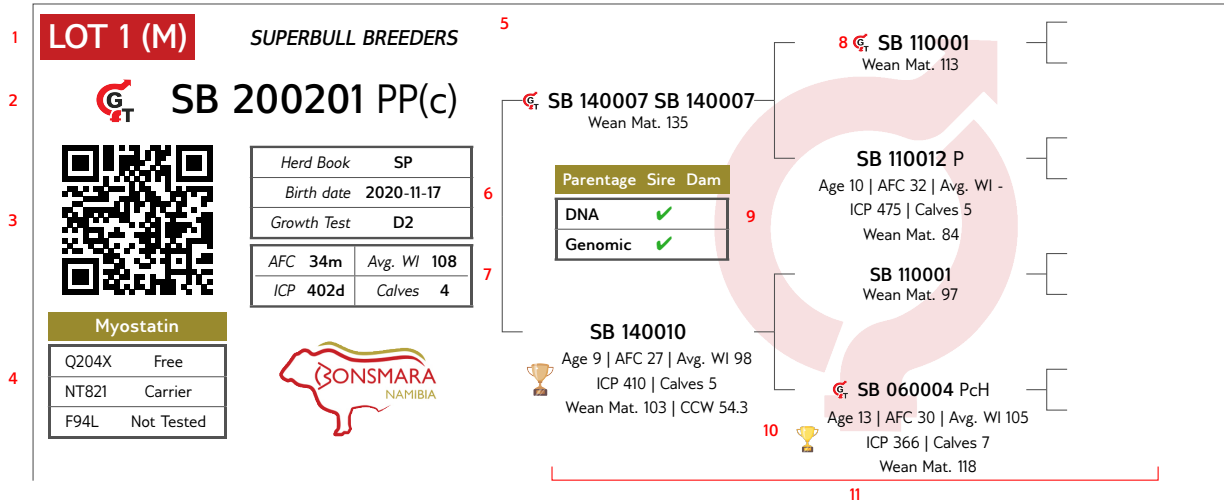
NAMIBIA TOETSKATALOGUS

WINDHOEK

13 May 2024

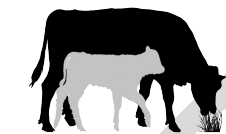
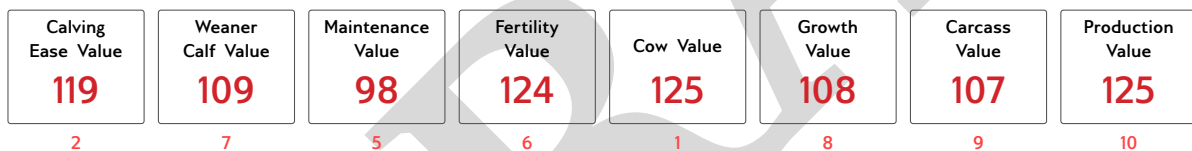
All Pedigree- and Performance Data is as recorded on LOGIX on 09 May 2024





- 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



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

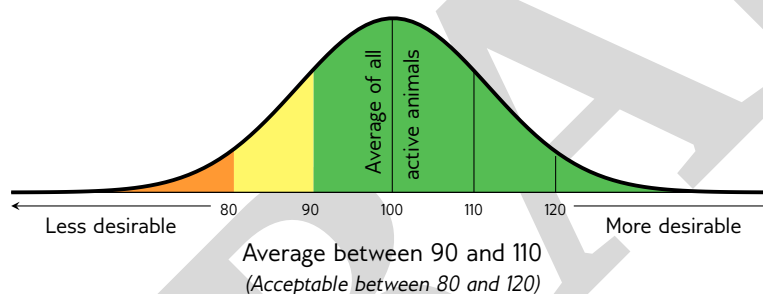
- 80% Cow Value
- 20% Growth Value

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)

E. MEYER

HMB 200042



Herd Book	SP
Birth date	2020-09-22
Growth Test	D1



Myostatin

Q204X	Free
NT821	Free
F94L	Free

HART150170 HH(c)
Wean Mat. 118

Parentage	Sire	Dam
DNA	✓	
Genomic		

HMB 170064
Age 6y | AFC 35 | Avg. WI 98
ICP 393 | Calves 4
Wean Mat. 104 | CCW 56.2

HART090014
Wean Mat. 91

HART130157
Age 11y | AFC - | Avg. WI 107
ICP 915 | Calves 4
Wean Mat. 109

HART120425
Wean Mat. 109

HMB 140112
Age 3y | AFC 36 | Avg. WI 91
ICP - | Calves 1
Wean Mat. 88

WAT 040339 HH(c)

HART070124
Age 3 | Avg. WI 97
ICP - | Calves 2

AG 010152 HH(c)

HART110148
Age 4 | Avg. WI 95
ICP - | Calves 2

ADV 060198

WCS 020078
Age 12 | Avg. WI 100
ICP - | Calves 9

HMB 100143

HMB 110141
Age 10 | Avg. WI 95
ICP - | Calves 8

LOGIX
Genomic Breeding Value
Analysis 2024-04-21

Calving
Ease Value
103

Weaner
Calf Value
110

Maintenance
Value
124

Fertility
Value
102

Cow Value
114

Growth
Value
117

Carcass
Value
114

Production
Value
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	KLB	Mature Weight	Height	Length	EMA	Fat	Mar
103	98	109	92	103	97	105	106	118	122	78	112	109	113	104	103
76%	72%	53%	75%	42%	28%	49%	62%	66%	66%	42%	76%	73%	39%	36%	36%

Birth Weight	205D Weight	205D Index	365D Index	540D Index	ADG Index	FCR Index	KLB Index	Scrotum	LHR	Length: 1380
33kg	240kg	102	-	-	113	-	110	317mm	1.12	Height: 1230

SELLER REMARKS:

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	240	-	67.5	1.12	317	1.09 0.74	-0.23 -0.16	14.5 13.7	3.9 6.3	24 32	10 -14	109 199	79 151	12.0 6.9	1 11	16 27	102	113	92	98	4.0	103
1	HMB 200042	M	SP	33	240	-	67.5	1.12	317	0.74	-0.16	13.7	6.3	31.5	-14.3	199	150.6	6.9	11	27	102	113	92	98	4	103

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 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