

AMPTELIKE VEILINGSKATALOGUS VIR /
OFFICIAL AUCTION CATALOGUE FOR

WATERFORD ADDENDUM

VILJOENSKROON

05 June 2024

All Pedigree- and Performance Data is as recorded on LOGIX on 27 May 2024



DROUGHTMASTER SA[®]



SA STAMBOEK
STUD BOOK



ANIMAL, OWNER AND PEDIGREE INFORMATION

2
3
4
5

1
BULL

LOT 1 (M)
Breed Logo

SUPERBULL BREEDERS
 Town, Province
078 737 2855
super_bull@webmail.com

GT
SB 200201 PP(c)

SUPERBULL'S SUPERSTAR SB 200201

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

Parentage	Sire	Dam
DNA	✓	
Genomic	✓	

SB 140010
SUPERBULL SB 140010
Age 7 | AFC 27 | ICP 366
Calves 6 | Weighed 2
Avg. WI 89 | Wean Mat. 93
Calvings: 16-11, 17-10, 18-10,
20-03, 21-03, 22-04, 23-04

SB 110001
SUPERBULL SB 11 0100

SB 110012 P
SUPERBULL SB 110012
Age 10 | AFC 32 | ICP 475
Calves 5 | Weighed -
Avg. WI - | Wean Mat. 80

SB 110001
SUPERBULL SB 110400

SB 060004 PcH
SUPERBULL SB 060004
Age 13 | AFC 72 | ICP 360
Calves 8 | Weighed 7
Avg. WI 105 | Wean Mat. 110

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

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

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

- 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 and Number of Calvings
 - Average Wean Index and Number of Calves Weaned
 - Age at First Calving and Intercalving Period
 - Cow award
 - Four (4) generation pedigree

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%

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.

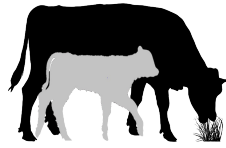
PHENOTYPIC VALUES

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

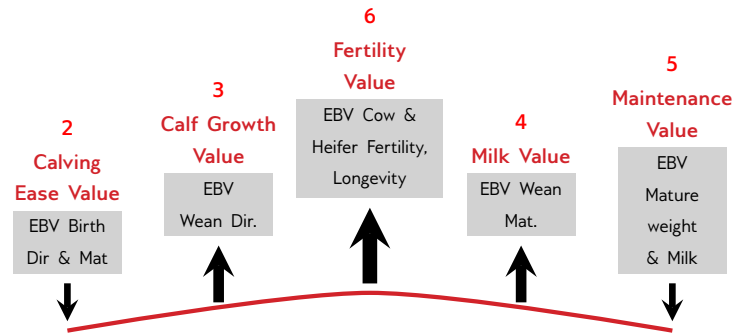
COW VALUE 108	
103	Calving Ease Value
118	Calf Growth Value
86	Milk Value
80	Maintenance Value
110	Fertility Value
GROWTH VALUE 105	
CARCASS VALUE 110	
PRODUCTION VALUE 103	



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

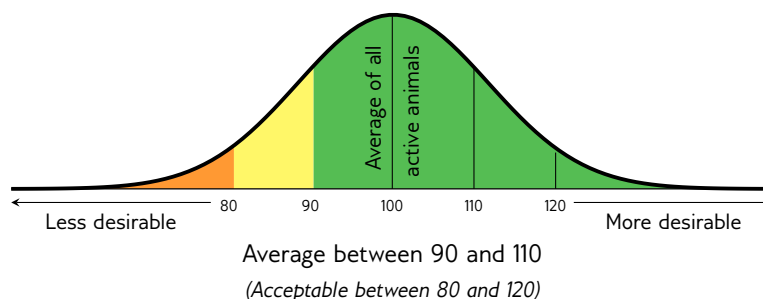
- 80% Cow Value
- 20% Growth Value

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	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	Growth Value	Efficient growth on veld and in feedlot (R-value)	Profitable growth	Loss			Profit
	8	Carcass Value	Meat on carcass (Weight and RTU EBVs)	More meat on the carcass	Less			More
	9	Production Value	Combination of Cow- and Growth values (R-value)	Profitable animals	Loss			Profit
Cow & Heifer	10	Birth Weight Direct	Birth weight (Calf's genetic ability)	Avg. birth weight	Heavy			Light
	11	Birth Weight Maternal	Birth weight (Cow's genetic ability)	Easy calving	Heavy			Light
	12	Weaning Weight Direct	Weaning weight (Calf's genetic ability)	Heavy weaner calves	Light			Heavy
	13	Weaning Weight Maternal	Weaning weight (Cow's genetic ability)	Good mothers	Poor			Good
	21	Mature Cow Weight	Cow weight at weaning of first three calves	Avg. mature cow weight	Light		*	Heavy
		Cow-Calf Birth	EBV Birth Direct / EBV Mature Cow weight	Average	Low			High
Fertility		Cow-Calf Wean	EBV Wean Direct / EBV Mature Cow weight	High calf-cow ratio	Low			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
	16	Scrotal Circumference	As measured during the growth test	Fertile bulls	Less			More
Growth & Frame	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 carcass	Short		*	Tall
	23	Length	Length in growth test	Longer for more muscle	Short			Long
	24	Length-Height Ratio	EBV Length / EBV Height	Longer rather than tall	<1			>1
Carcass	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 35

COW



WBT 200001
WATERFORD TMASTERS 20-0001WBT



Herd Book	F3
Birth date	2020-01-02
Age	4y
Inbreeding	0%
DNA	U10317U012
AFC	27m
Calves	2
Weighed	2
Avg. WI	113
ICP	324d

TOP 150102
ON TOP 15-0102TOP
Wean Mat. 94

Parentage	Sire	Dam
DNA	✓	✓
Genomic		

WBT 140116
WATERFORD DROUGHTMASTERS 14-01

Age 8y | AFC - | ICP 540d
Calves 5 | Weighed 2 | Wean Mat. 103
Avg. WI 100 | CCB - | CCW -
Calvings: 16-10, 17-09, 18-11,
20-01, 22-09

C 130014
13-0014C
Wean Mat. 82

C 090107
09-0107C

Age 12y | AFC - | ICP (donor)
Calves 9 | Weighed 4 | Wean Mat. 119
Avg. WI 109 | Wean Mat. 119

C 100413
CONSIDERATA10-0413C
C 090140
09-0140C-DONOR COW
Age 10y | Avg. WI 101
Calves 8 | Weighed 5
DO 050029
05-0029DO
DO 033057
03-3057DO
Age 15y | Avg. WI 118
Calves 7 | Weighed 1

WATERFORD DROUGHTMASTERS

Viljoenskroon, Free State
0825734569
waterforddroughtmasters@gmail.com

POSBUS 682, VILJOENSKROON, 9520

Last Calf	
Calf ID	WBT 230162 (M)
Birth Date	2023-02-11
Sire ID	MULTIPLE SIRES

Calvings: 22-03, 23-02



Myostatin	
Q204X	Not Tested
NT821	Not Tested
F94L	Not Tested

COW VALUE 95

87	Calving Ease Value
107	Calf Growth Value
98	Milk Value
84	Maintenance Value
107	Fertility Value

GROWTH VALUE	-
CARCASS VALUE	-
PRODUCTION VALUE	-

LOGIX
GENETICS
EBV Analysis 2024-05-19

Calf and Mother				Fertility			
Birth Dir.	Birth Mat.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.
87	109	107	98	-	106	111	100
61%	49%	38%	44%		32%	20%	48%

Post-Wean Growth			Frame			Carcass		
Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar
100	-	-	115	-	-	-	-	-
26%			24%					

Birth Weight	205D Weight	365D Weight	540D Weight	ADG Index	FCR Index	Scrotum	LH
34kg	-	317kg 104 (5)	-	-	-	- (B1)	-

SELLER REMARKS: 6-7 maande dragtig van v/v WBT20 112/CTM17 17/HOT20 753.

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										-0.09	-0.06	2.1	-1.5	3	-1				-	-						
Auction Average				34	-	-	-	-	-	0.98	-0.41	4.7	-2.0	4	11	-	-	-	-	-	-	-	-	100	5.0	76
35	WBT 200001	F	F3	34	-	-	-	-	-	0.98	-0.41	4.7	-2.0	3.8	11.3	0	0		0	0	-	-	-	100	5	76

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 weighed at weaning	Weighed	Geweeg	Aantal kalwings geweeg met speen
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