

OFFICIAL AUCTION CATALOGUE FOR

AVOCA

26 September 2023

All Pedigree- and Performance Data is as recorded on LOGIX on 26 September 2023



ANIMAL, OWNER AND PEDIGREE INFORMATION

1
2
3
4
5

LOT 1 (M)

Breed Logo

6

7

SUPERBULL'S SUPERSTAR SB 200201

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

9 (& 10)

SB 140007
SUPERBULL SB 140007 Pp(c)

Parentage	Sire	Dam
DNA	✓	✓
Genomic	✓	✓

11

SB 140010
SUPERBULL SB 140010

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

12

SB 110001
SUPERBULL SB 11 0100

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

SB 110001
SUPERBULL SB 110400

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

13

SUPERBULL BREEDERS

Town, Province **8**
078 737 2855
super_bull@webmail.com

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

14. VPLAN Membership

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.

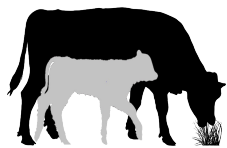
PHENOTYPIC VALUES

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

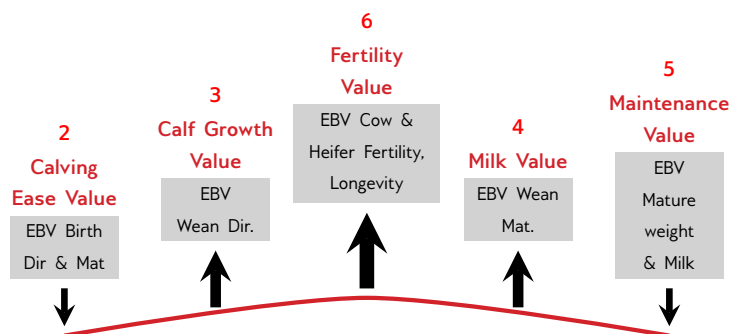
COW VALUE 108	
103	Calving Ease Value
118	Calf Growth Value
86	Milk Value
80	Maintenance Value
110	Fertility Value
GROWTH VALUE 105	
CARCASS VALUE 110	
PRODUCTION VALUE 103	



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

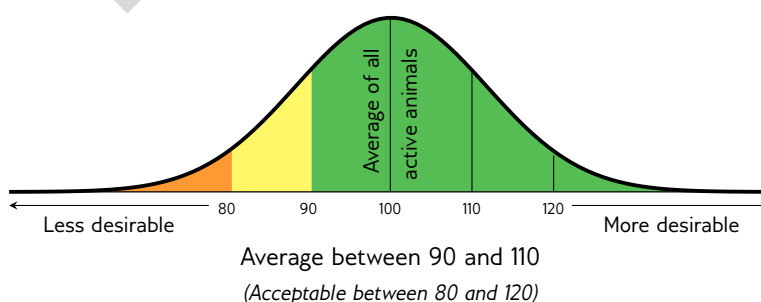
- 80% Cow Value
- 20% Growth Value

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	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	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 height	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 1 (M)



GMO 210057
AVOCA BEN



G.M.C. ORPEN

Barkly East, Eastern Cape
0824909647
avoca@eci.co.za

P.O. BOX 248, BARKLY EAST, 9786

Herd Book	SP
Birth date	2021-10-14
Age	1.9 years
Inbreeding	2%

TZ 180018 FAURZYL PEARL 3DE Wean Mat. 95	Parentage Sire Dam
DNA	
Genomic	

GMO 150043 AVOCA BARBIE Age 7y AFC 37m ICP 367d Calves 5 Weaned 3 Wean Mat. 92 Avg. WI 106 CCB - CCW - Calvings: 18-11, 19-09, 20-10, 21-10, 22-11	
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GA 110001 MAMPUDI BLUE DIAMOND 80 TH Wean Mat. 99	
TZ 110038 FAURZYL SALLY 13DE Age 10y AFC 26m ICP 369d Calves 9 Weaned 8 Wean Mat. 99 Avg. WI 101 Wean Mat. 99	
MS 100028 MOUNTAIN SHADOWS BIGMAC Wean Mat. 62	
GMO 120052 AVOCA BENETON Age 10y AFC 36m ICP 426d Calves 7 Weaned 4 Wean Mat. 105 Avg. WI 99 Wean Mat. 105	

TL 020057 STOTTERHEIM DIAMOND	
GA 050019 MAMPUDI VIA 19TH Age 13y Avg. WI 104 Calves 5 Weaned 3	
GA 050081 MAMPUDI COLARADO 24TH	
TZ 050201 FAURZYL SALLY 7DE Age 11y Avg. WI 102 Calves 9 Weaned 9	
TL 070118 STOTTERHEIM TL 07 118	
MS 030015 MOUNTAIN SHADOWS DINGO Age 7y Avg. WI 98 Calves 5 Weaned 5	
TL 080038 STOTTERHEIM TL0838	
GMO 020036 AVOCA BEST 2 Age 14y Avg. WI 101 Calves 7 Weaned 7	

COW VALUE 93	
89	Calving Ease Value
107	Calf Growth Value
91	Milk Value
96	Maintenance Value
101	Fertility Value

GROWTH VALUE	-
CARCASS VALUE	-
PRODUCTION VALUE	-

LOGIX
EBV Analysis 2023-09-19

Calf and Mother				Fertility			
Birth Dir.	Birth Mat.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.
89	105	107	91	113	100	101	102
75%	46%	71%	46%	36%	38%	21%	42%

Post-Wean Growth			Frame			Carcass		
Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar
106	106	-	104	101	101	-	-	-
50%	32%		10%	37%	36%			

Birth Weight	205D Weight	365D Weight	540D Weight	ADG Index	FCR Index	Scrotum	LH
39kg	243kg 106 (27)	398kg 103 (27)	-	-	-	- (B1)	-



Myostatin	
Q204X	Not Tested
NT821	Not Tested
F94L	Not Tested

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)	FCR (kg:kg)	Scr. Circ. (mm)	Height. (mm)	Length (mm)	Wean	ADG	Scr. Circ.	Avg. Wean Index	Nr. Calves	Repr. Index
Breed Average										1.17	0.43	15.2	5.9	29	24	116	-89	12.5								
Auction Average				39	243	-	-	-	-	2.14	0.23	18.6	3.0	40	28	141	-	18.4	20	33	106	-	113	106	5.0	106
1	GMO 210057	M	SP	39	243	-	-	-		2.14	0.23	18.6	3.0	40.5	28.4	141	0	18.4	20	33	106	-	113	106	5	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	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	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)
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