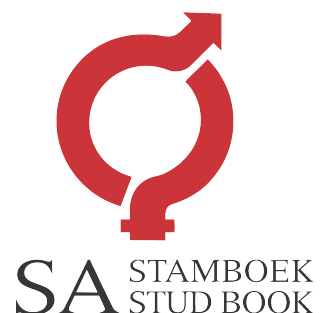


OFFICIAL AUCTION CATALOGUE FOR

TIPTREE AVONDALE PRODUCTION AUCTION ADDENDUM

Grahamstown
17 September 2024

All Pedigree- and Performance Data is as recorded on LOGIX on 16 September 2024



ANIMAL, OWNER AND PEDIGREE INFORMATION

1
2
3
4
5

LOT 1 (M)

Breed Logo

6

SB 200201 PP(c)

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

Parentage Sire Dam
 DNA ✓
 Genomic ✓

SB 140007
 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

SB 110001
 Age 10 | AFC 32 | ICP 475
 Calves 5 | Weaned -
 Avg. WI - | Wean Mat. 80

SB 110012 P
 Age 13 | AFC 72 | ICP 360
 Calves 8 | Weaned 7
 Avg. WI 105 | Wean Mat. 110

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

SB 110001

SB 110012 P

SB 110001

SB 060004 PcH

SUPERBULL BREEDERS

 Town, Province
 078 737 2855
 superbull@webmail.com

9 (& 10)

1. Lot Number & sex (mixed lots)
 2. Breed's logo
 3. GT - animal is genomically tested
 4. Animal Identification Number
 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%

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.

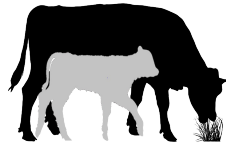
PHENOTYPIC VALUES

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

- 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

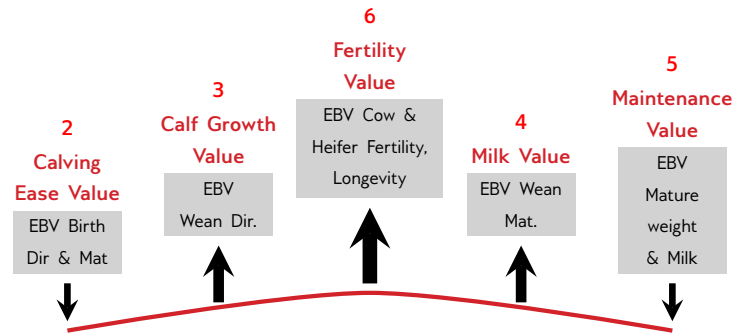
COW VALUE 108	
103	Calving Ease Value
118	Calf Growth Value
86	Milk Value
80	Maintenance Value
110	Fertility Value
GROWTH VALUE 105	
CARCASS VALUE 110	
PRODUCTION VALUE 103	



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

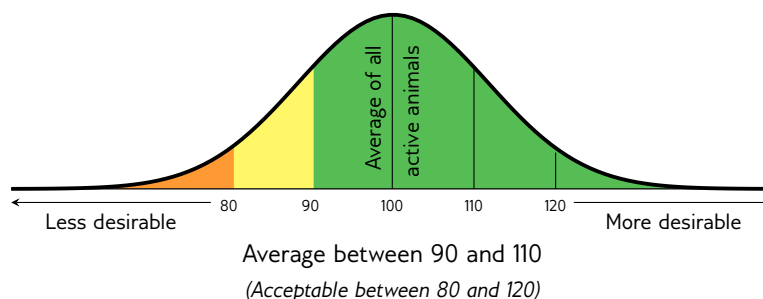
- 80% Cow Value
- 20% Growth Value

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
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 carcass	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 2 (M)



ADM 220014 PcPc



A.D. MULLINS

Grahamstown, Eastern Cape
mullins@isat.co.za

P.O. BOX 430, KENTONONSEA, 6191

Herd Book	SP
Birth date	2022-03-20
Age	2y 6m
Inbreeding	5%
DNA	WSC032025

GH 140001 PcH
Wean Mat. 86

Parentage	Sire	Dam
DNA		
Genomic		

AM 190032 P
Age 4y | AFC 31m | ICP 376d
Calves 2 | Weaned 1 | Wean Mat. 115
Avg. WI 120 | CCB - | CCW 65.4
Calvings: 22-03, 23-03

ASE 060103 P
Wean Mat. 104

GH 080001
Age 6y | AFC - | ICP 408d
Calves 3 | Weaned 3 | Wean Mat. 97
Avg. WI 101 | Wean Mat. 97

AM 090025 SC
Wean Mat. 124

AM 160145 P
Age 7y | AFC 33m | ICP 387d
Calves 5 | Weaned 3 | Wean Mat. 84
Avg. WI 95 | Wean Mat. 84

ASE 010040

HBH 020635
Age 11y | Avg. WI 93
Calves 9 | Weaned 9

HBH 020637

HBH 060976 P

AM 070002 PP
Age 17y | Avg. WI 99
Calves 11 | Weaned 7

AM 100112 P

W 120047 P
Age 11y | Avg. WI 103
Calves 7 | Weaned 6

COW VALUE 107

87	Calving Ease Value
120	Calf Growth Value
98	Milk Value
99	Maintenance Value
97	Fertility Value

GROWTH VALUE 123

CARCASS VALUE 105

PRODUCTION VALUE 111

Birth Weight	205D Weight	365D Weight	540D Weight	ADG Index	FCR Index	Scrotum	LH
28kg	285kg 120 (4)	-	-	873g/d 106 (8)	-	281mm (D1)	1.20

LOGIX
GENETICS CENTRA
EBV Analysis 2024-08-19

Calf and Mother				Fertility			
Birth Dir.	Birth Mat.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.
87	97	120	98	104	110	92	91
75%	50%	71%	49%	65%	42%	19%	45%

Post-Wean Growth			Frame			Carcass		
Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar
113	114	-	101	121	120	99	57	61
58%	55%	-	32%	67%	63%	54%	47%	45%



Myostatin

Q204X	Free
NT821	Free
F94L	Free

SELLER REMARKS:

LOT 10 (M)



ADM 220018 PcPc



A.D. MULLINS

Grahamstown, Eastern Cape
mullins@isat.co.za

P.O. BOX 430, KENTONONSEA, 6191

Herd Book	SP
Birth date	2022-04-08
Age	2y 5m
Inbreeding	4%
DNA	WSC031994

GH 140001 PcH
Wean Mat. 86

Parentage	Sire	Dam
DNA		
Genomic		

ADM 190030 P
Age 3y | AFC 30m | ICP -
Calves 1 | Weaned 1 | Wean Mat. 122
Avg. WI 99 | CCB - | CCW 49.5
Calvings: 22-04

ASE 060103 P
Wean Mat. 104

GH 080001
Age 6y | AFC - | ICP 408d
Calves 3 | Weaned 3 | Wean Mat. 97
Avg. WI 101 | Wean Mat. 97

ADM 160042 P
Wean Mat. 131

ADM 160031 P
Age 7y | AFC 35m | ICP 369d
Calves 5 | Weaned 4 | Wean Mat. 100
Avg. WI 98 | Wean Mat. 100

ASE 010040

HBH 020635
Age 11y | Avg. WI 93
Calves 9 | Weaned 9

HBH 020637

XY 100005 P

XY 110060 SC
Age 12y | Avg. WI 104
Calves 10 | Weaned 9

GH 120013 P

ADM 130032
Age 10y | Avg. WI 86
Calves 8 | Weaned 5

COW VALUE 92

79	Calving Ease Value
110	Calf Growth Value
104	Milk Value
96	Maintenance Value
92	Fertility Value

GROWTH VALUE 133

CARCASS VALUE 112

PRODUCTION VALUE 99

Birth Weight	205D Weight	365D Weight	540D Weight	ADG Index	FCR Index	Scrotum	LH
31kg	252kg 99 (3)	-	-	943g/d 115 (8)	-	285mm (D1)	1.09

LOGIX
GENETICS CENTRA
EBV Analysis 2024-08-19

Calf and Mother				Fertility			
Birth Dir.	Birth Mat.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.
81	87	110	104	109	106	87	96
74%	46%	71%	47%	64%	40%	14%	43%

Post-Wean Growth			Frame			Carcass		
Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar
114	124	-	104	125	96	131	77	115
56%	54%	-	32%	66%	62%	55%	47%	46%



Myostatin

Q204X	Free
NT821	Free
F94L	Free

SELLER REMARKS:

LOT 13 (M)



ADM 220041 HH



A.D. MULLINS

Grahamstown, Eastern Cape
mullins@isat.co.za

P.O. BOX 430, KENTONONSEA, 6191

Herd Book	SP
Birth date	2022-09-15
Age	2y
Inbreeding	6%
DNA	WSC032019

GH 190009 P
Wean Mat. 107

Parentage	Sire	Dam
DNA		
Genomic		

ADM 190051 P
Age 4y | AFC 34m | ICP 368d
Calves 2 | Weaned 2 | Wean Mat. 110
Avg. WI 107 | CCB - | CCW 49
Calvings: 22-09, 23-09

AVR 150076 P
Wean Mat. 116

GH 160063 P
Age 4y | AFC 34m | ICP 445d
Calves 2 | Weaned 2 | Wean Mat. 98
Avg. WI 101 | Wean Mat. 98

TT 150053 PcPc
Wean Mat. 91

XY 110060 SC
Age 12y | AFC 34m | ICP 370d
Calves 10 | Weaned 9 | Wean Mat. 122
Avg. WI 104 | Wean Mat. 122

AVR 110050 PcPc

V 120123 SC
Age 3y | Avg. WI 99
Calves 1 | Weaned 1

ASE 060103 P

GH 11015A
Age 11y | Avg. WI 101
Calves 8 | Weaned 8

AM 100079 P

XY 100030 P
Age 12y | Avg. WI 100
Calves 9 | Weaned 7

ADM 040033

ADM 080051
Age 14y | Avg. WI 114
Calves 11 | Weaned 7

COW VALUE 107

80	Calving Ease Value
113	Calf Growth Value
108	Milk Value
105	Maintenance Value
101	Fertility Value

GROWTH VALUE 80

CARCASS VALUE 104

PRODUCTION VALUE 103

LOGIX
GENETICS
EBV Analysis 2024-08-19

Calf and Mother				Fertility			
Birth Dir.	Birth Mat.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.
80	100	113	108	96	108	97	111
74%	40%	71%	42%	63%	33%	11%	37%

Post-Wean Growth			Frame			Carcass		
Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar
102	97	-	95	77	99	89	125	94
54%	52%	-	20%	65%	61%	51%	43%	41%

Birth Weight	205D Weight	365D Weight	540D Weight	ADG Index	FCR Index	Scrotum	LH
36kg	251kg 111 (15)	-	-	716g/d 88 (11)	-	322mm (D2)	1.23



Myostatin

Q204X	Free
NT821	Free
F94L	Free

SELLER REMARKS:



TIPTREE AVONDALE PRODUCTION AUCTION ADDENDUM
Grahamstown 17 September 2024



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										0.83	0.17	6.6	2.8	11	13	113		14.2	14.0	26.0						
Auction Average				32	263	-	55.3	1.17	318	2.26	0.36	11.9	3.7	15	13	146	-	15.7	27	30	110	103	103	109	2.0	104
2	ADM 220014	M	SP	28	285	-	65.4	1.20	305	1.88	0.28	14.0	2.2	17.4	14.5	152	0	16	26	43	120	106	104	120	2	105
10	ADM 220018	M	SP	31	252	-	49.5	1.09	305	2.39	0.62	10.3	3.9	17.8	17.3	181	0	18.6	28	23	99	115	109	99	1	106
13	ADM 220041	M	SP	36	251	-	50.9	1.23	345	2.51	0.17	11.4	5.0	10.7	8.1	105	0	12.5	0	25	111	88	96	107	2	102

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 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