

OFFICIAL AUCTION CATALOGUE FOR

ADDENDUM MARSHALL CHL STUD

WAYSIDE, FRANCISTOWN

10 February 2024

All Pedigree- and Performance Data is as recorded on LOGIX on 30 January 2024



ANIMAL, OWNER AND PEDIGREE INFORMATION

1
2
3
4
5

LOT 1 (M)

Breed Logo

6

7

SUPERBULL BREEDERS

Town, Province
078 737 2855
super_bull@webmail.com

8

SB 200201 PP(c)

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

9 (& 10)

SB 140007

Parentage	Sire	Dam
DNA	✓	✓
Genomic	✓	✓

11

SB 110001

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

SB 110001

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

12

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

13

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%
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

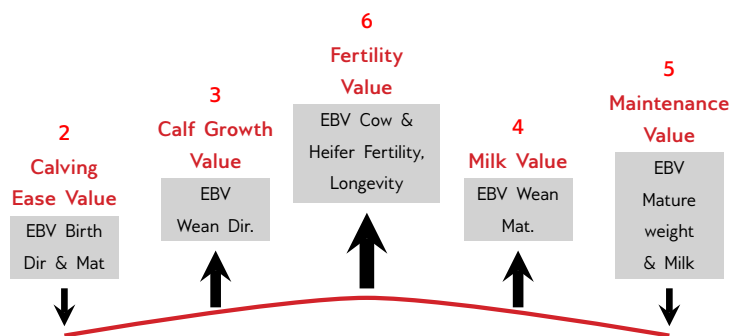
COW VALUE 108	
103	Calving Ease Value
118	Calf Growth Value
86	Milk Value
80	Maintenance Value
110	Fertility Value
GROWTH VALUE 105	
CARCASS VALUE 110	
PRODUCTION VALUE 103	



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

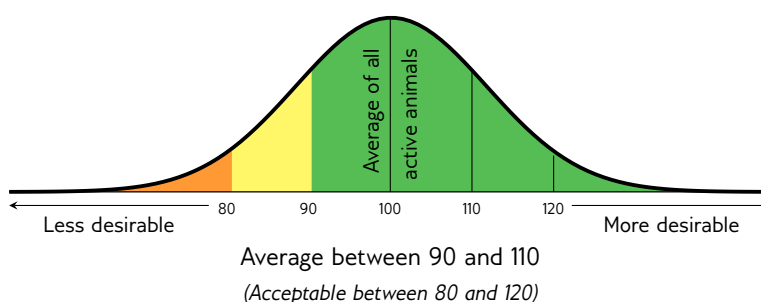
- 80% Cow Value
- 20% Growth Value

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	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 height	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 57A (M)



MCS 210031



MARSHALL CHAROLAIS STUD

Dutlwe, X Botswana
june@stemma.co.za

PO BOX AD170 ADD, POSTNET, KGALE
VIEW, GABORONE, BOTSWANA

Herd Book	SP
Birth date	2021-10-10
Age	2.3 years
Inbreeding	1%
DNA	U16316U003

COW VALUE 102

62	Calving Ease Value
128	Calf Growth Value
119	Milk Value
73	Maintenance Value
82	Fertility Value

GROWTH VALUE 121

CARCASS VALUE -

PRODUCTION VALUE 104



Myostatin

Q204X	Not Tested
NT821	Not Tested
F94L	Not Tested

SELLER REMARKS:

Parentage	Sire	Dam
DNA	✓	
Genomic		

8894104162
Wean Mat. 116

7187110011
Wean Mat. 111

4580102372
Age 45y | AFC - | ICP 2301d
Calves 2 | Weaned - | Wean Mat. 98
Avg. WI - | Wean Mat. 98

MCS 080017
Wean Mat. 115

MCS 120033
Age 12y | AFC 39m | ICP 461d
Calves 7 | Weaned 6 | Wean Mat. 120
Avg. WI 107 | CCB - | CCW -
Calvings: 15-05, 17-04, 18-07,
19-09, 20-09, 21-10, 22-11

THG 070139
Age 6y | AFC 34m | ICP 440d
Calves 3 | Weaned 3 | Wean Mat. 113
Avg. WI 105 | Wean Mat. 113

5881113731

7183131246
Age 49y | Avg. WI -
Calves 1 | Weaned -

8500364001

4573209923
Age 54y | Avg. WI -
Calves 1 | Weaned -

THG 030062

THG 020117
Age 11y | Avg. WI 95
Calves 6 | Weaned 6

THG 040021

THG 030003
Age 14y | Avg. WI 97
Calves 10 | Weaned 11

LOGIX
GENETICS
EBV Analysis 2024-01-19

Calf and Mother				Fertility			
Birth Dir.	Birth Mat.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.
60	92	128	119	115	78	86	87
78%	56%	74%	58%	43%	48%	27%	57%

Post-Wean Growth			Frame			Carcass		
Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar
134	125	132	127	133	126	-	-	-
61%	40%	17%	28%	44%	43%			

Birth Weight	205D Weight	365D Weight	540D Weight	ADG Index	FCR Index	Scrotum	LH
50kg	326kg 103 (8)	460kg 114 (16)	-	-	-	- (B1)	-

LOT 57B (M)



MCS 210054



MARSHALL CHAROLAIS STUD

Dutlwe, X Botswana
june@stemma.co.za

PO BOX AD170 ADD, POSTNET, KGALE
VIEW, GABORONE, BOTSWANA

Herd Book	SP
Birth date	2021-12-24
Age	2.1 years
Inbreeding	4%
DNA	U11189U001

COW VALUE 108

61	Calving Ease Value
130	Calf Growth Value
121	Milk Value
76	Maintenance Value
101	Fertility Value

GROWTH VALUE -

CARCASS VALUE -

PRODUCTION VALUE -



Myostatin

Q204X	Not Tested
NT821	Not Tested
F94L	Not Tested

SELLER REMARKS:

Parentage	Sire	Dam
DNA	✓	✓
Genomic		

MCS 170134
Wean Mat. 118

MCS 120010
Wean Mat. 109

MCS 080080
Age 9y | AFC 38m | ICP 429d
Calves 6 | Weaned 5 | Wean Mat. 124
Avg. WI 113 | Wean Mat. 124

MCS 090064
Wean Mat. 109

MCS 160053
Age 7y | AFC 32m | ICP 429d
Calves 4 | Weaned 3 | Wean Mat. 122
Avg. WI 109 | CCB - | CCW -
Calvings: 19-09, 20-11, 21-12,
23-03

MCS 130076
Age 4y | AFC 36m | ICP 371d
Calves 2 | Weaned 2 | Wean Mat. 115
Avg. WI 104 | Wean Mat. 115

FR2101109480

THG 990054
Age 14y | Avg. WI 106
Calves 10 | Weaned 10

CY 950785

THG 040048
Age 9y | Avg. WI 102
Calves 5 | Weaned 6

MFET1512

THG 050030
Age 9y | Avg. WI 100
Calves 4 | Weaned 3

MBM0038543

THG 050050
Age 11y | Avg. WI 104
Calves 6 | Weaned 6

LOGIX
GENETICS
EBV Analysis 2024-01-19

Calf and Mother				Fertility			
Birth Dir.	Birth Mat.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.
67	82	130	121	119	91	104	95
76%	47%	70%	48%	20%	40%	25%	47%

Post-Wean Growth			Frame			Carcass		
Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar
140	115	115	124	119	120	-	-	-
54%	19%	10%	16%	20%	20%			

Birth Weight	205D Weight	365D Weight	540D Weight	ADG Index	FCR Index	Scrotum	LH
45kg	257kg 103 (9)	435kg 109 (16)	-	-	-	- (B1)	-



ADDENDUM MARSHALL CHL STUD
WAYSIDE, FRANCISTOWN 10 February 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										0.69	-0.16	12.7	1.3	20	17	49	-22	7.0	5.0	11.0						
Auction Average				48	292	-	-	-	-	4.35	0.40	26.2	6.8	53	42	124	-40	14.6	23	35	103	-	117	108	6.0	96
57A	MCS 210031	M	SP	50	326	-	-	-	-	4.65	0.20	25.7	6.6	50.9	42.7	142	-46	13.7	28	38	103	-	115	107	7	91
57B	MCS 210054	M	SP	45	257	-	-	-	-	4.04	0.59	26.7	7.1	56.0	40.3	105	-34	15.5	18	32	103	-	119	109	4	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	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-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