

AMPTELIKE VEILINGSKATALOGUS VIR /
OFFICIAL AUCTION CATALOGUE FOR

TOETS 1

Hertzogville

28 October 2022

All Pedigree- and Performance Data is as recorded on LOGIX on 20 October 2022



ANIMAL, OWNER AND PEDIGREE INFORMATION

LOT 1 (M)

Breed Logo

SUPERBULL BREEDERS

Town, Province
078 737 2855
super_bull@webmail.com

SB 200201 PP(c)
SUPERBULL'S SUPERSTAR SB 200201

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

SB 110001
SUPERBULL SB 11 0100

SB 140007
SUPERBULL SB 140007 Pp(c)

SB 110012 P
SUPERBULL SB 110012
AGE 10 | CALV. 5
AVG. WI - | WEAN. -
AFC 32 | ICP 475

SB 110001
SUPERBULL SB 110400

SB 140010
SUPERBULL SB 140010
AGE 7 | CALV. 6
AVG. WI 89 | WEAN. 2
AFC 27 | ICP 366

SB 060004 Pch
SUPERBULL SB 060004
AGE 13 | CALV. 8
AVG. WI 105 | WEAN. 7
AFC 72 | ICP 360

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
 - Owner's current Elite Award
 - 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	205D Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
37kg	284kg	106 (83)	103	97	91	92	353mm	1.20

- Wean, 365D, 504D, 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
- Length-Height Ratio (LH) - the animal's length to height ratio, as measured at the end of the growth test

LOGIX SELECTION VALUES

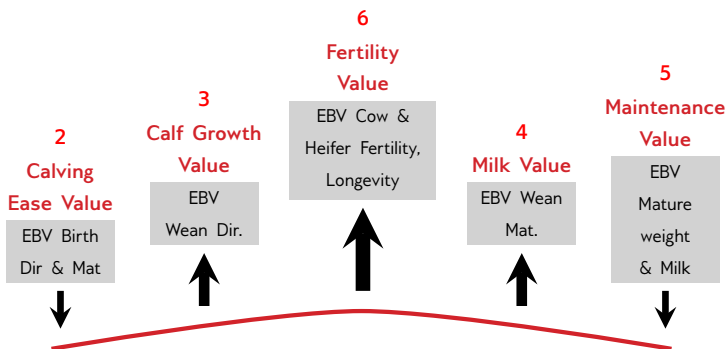
COW VALUE	108
103	Calving Ease Value
118	Calf Growth Value
86	Milk Value
80	Maintenance Value
110	Fertility Value
GROWTH VALUE	105
CARCASS VALUE	110
PRODUCTION VALUE	103



1 ♀ GIX Cow Value

Selection for:

- Fertile cows,
- with low maintenance,
- that calf easily,
- and wean heavy calves



7 ♀ GIX Growth Value

Selection for efficient growers
on veld & in the feedlot



8 ♀ GIX Carcass Value

Selection for higher
meat yield on carcass



9 ♀ GIX Production Value

Selection for easy-care, Profitable cattle

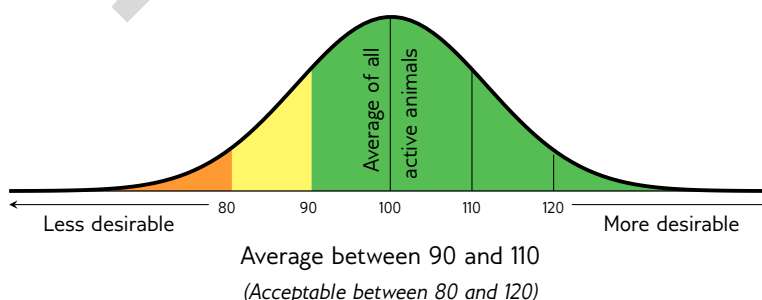
- 80% Cow Value
- 20% Growth Value

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
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
	17	Longevity	Retention of progeny	Acceptable progeny	Poor			Good
Growth & Frame	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
	22	Height	Final weight in the growth test	Heavy carcass	Light		*	Heavy
	23	Length	Shoulder / Hip height in growth test	Average height	Short			Tall
	24	Length-Height Ratio	Length in growth test	Longer for more muscle	Short			Long
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



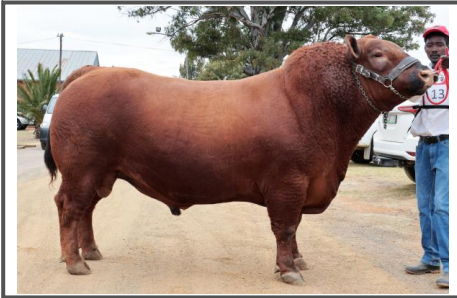


LOT 1 (M)



RCM 170016

ROECHAMA LEONARD



Herd Book	SP
Birth date	2017-02-20
Age	5.7 years
Inbreeding	2%
DNA	U558746

RC MALHERBE & VENNOTE



Hertzogville, Free State
0848518262
malherbelesle@gmail.com

GRASLAAGTE, POSBUS 208, HERTZOGVILLE, 9482

1 CO-USER(S)
USED IN HERD (205)



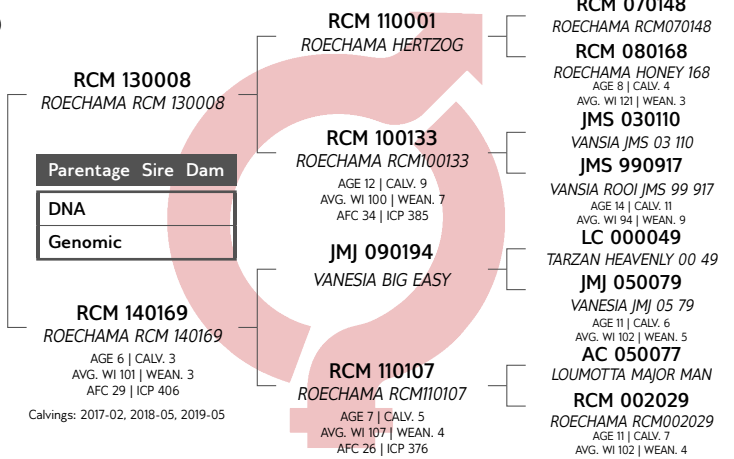
Myostatin

Q204X	Not Tested
NT821	Not Tested
F94L	Not Tested

SELLER REMARKS:

COW VALUE	96
81	Calving Ease Value
104	Calf Growth Value
92	Milk Value
86	Maintenance Value
115	Fertility Value
GROWTH VALUE	86
CARCASS VALUE	88
PRODUCTION VALUE	93

Birth Weight	205D Weight	205D Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
39kg	295kg	101 (3)	102 (3)	103 (3)	-	-	348mm	-



LOGIX
GENETICS
EBV Analysis 2022-10-20

Calf and Mother				Fertility			
Birth Dir.	Birth Mat.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.
77	98	104	92	111	106	109	116
98%	57%	96%	49%	94%	61%	30%	66%

Post-Wean Growth			Frame			Carcass		
Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar
96	89	89	115	107	105	127	66	48
78%	91%	18%	23%	95%	94%	92%	90%	89%

LOT 2 (F)



AC 180504

LOUMOTTA DEMI 12



Herd Book	SP
Birth date	2018-07-22
Age	4.3 years
Inbreeding	1%
AFC	30m
Calves	2
Weaned	0
Avg. WI	-
ICP	545d

L.E. CAMPHER



Ventersdorp, North West
campherl@gmail.com

POSBUS 241, VENTERSDORP, 2710

Last Calf

Calf ID	AC 220090 (F)
Birth Date	2022-07-07
Sire ID	DUA 428E

Calvings: 2021-01, 2022-07



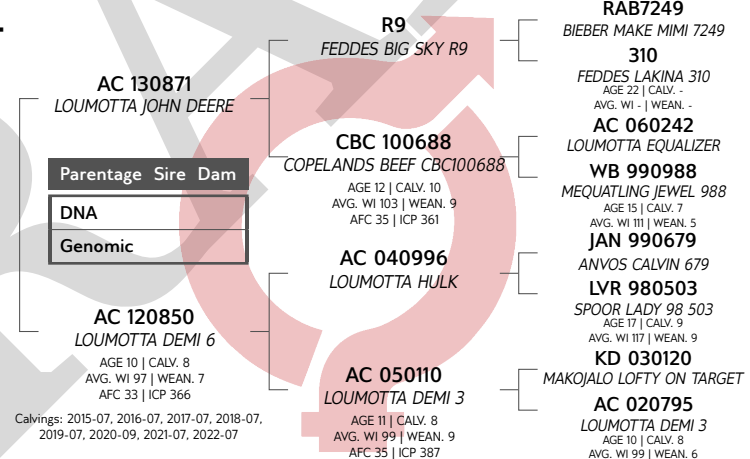
Myostatin

Q204X	Not Tested
NT821	Not Tested
F94L	Not Tested

SELLER REMARKS:

COW VALUE	98
88	Calving Ease Value
98	Calf Growth Value
113	Milk Value
90	Maintenance Value
105	Fertility Value
GROWTH VALUE	88
CARCASS VALUE	94
PRODUCTION VALUE	95

Birth Weight	205D Weight	205D Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
34kg	285kg	111 (52)	-	-	-	-	-	-



LOGIX
GENETICS
EBV Analysis 2022-10-20

Calf and Mother				Fertility			
Birth Dir.	Birth Mat.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.
97	85	98	113	96	101	97	113
73%	61%	69%	57%	52%	61%	35%	57%

Post-Wean Growth			Frame			Carcass		
Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar
99	92	94	109	113	103	91	86	84
38%	50%	27%	32%	52%	52%	44%	42%	42%