

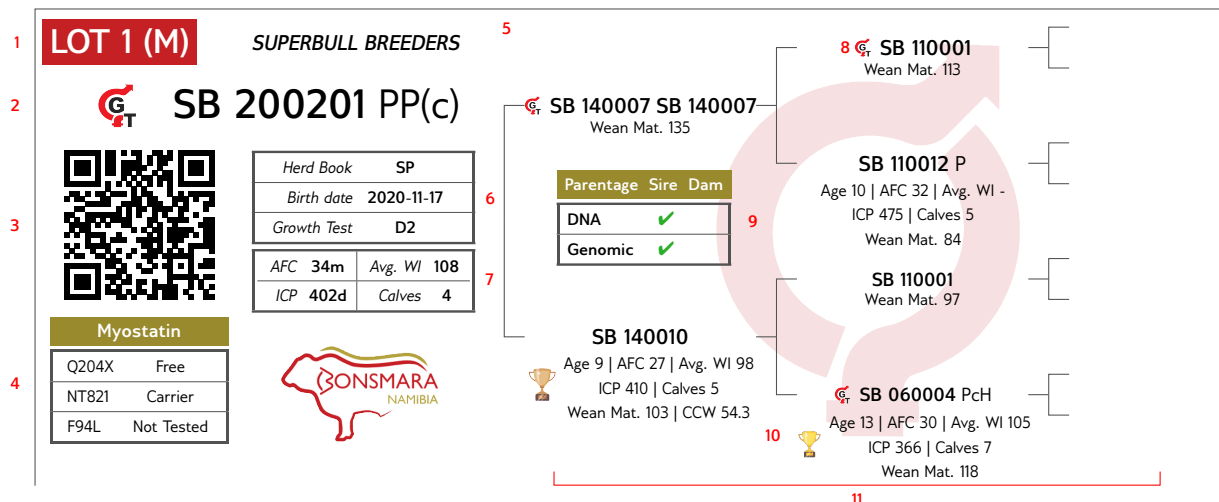
OFFICIAL AUCTION CATALOGUE FOR

UHURU PRODUCTION AUCTION 2024

19 November 2024

All Pedigree- and Performance Data is as recorded on LOGIX on 07 November 2024





1. Lot Number & sex (mixed lots)

2. Animal Identification

GT - animal is genomically tested

Animal Identification Number

Polled Status

- Celtic: PP(c)/Pp(c) - polled, HH(c) - horned

- Phenotypic: P/PcH - polled, HH - horned, SC - scurs

3. 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.

4. Myostatin Results

- Free - free from double muscling genes
- Carrier - heterozygotic / carrier of one double muscling gene
- D. Muscled - homozygotic / double muscled
- Not Tested

5. Owner

6. Animal's information

Herd book section, Birth date, Growth Test

7. Additional information (Females)

Age at first calving, Average wean index, Intercalving Period, Number of calves born

8. Sire Information

Maternal wean index

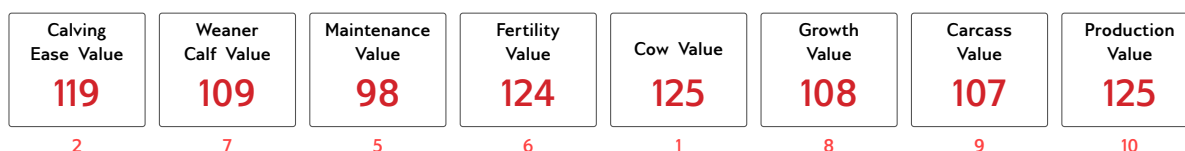
9. Parentage Verification - a green tick (✓) indicates that the sire and/or dam has been verified via microsatellite (DNA) and/or Genomic testing

10. Dam information

Age, Age at first calving and Average Wean Index, Intercalving Period and Number of Calves, Cow award (bronze, silver or gold), Maternal Wean Index, Cow-Calf Wean Index

11. Four (4) generation pedigree

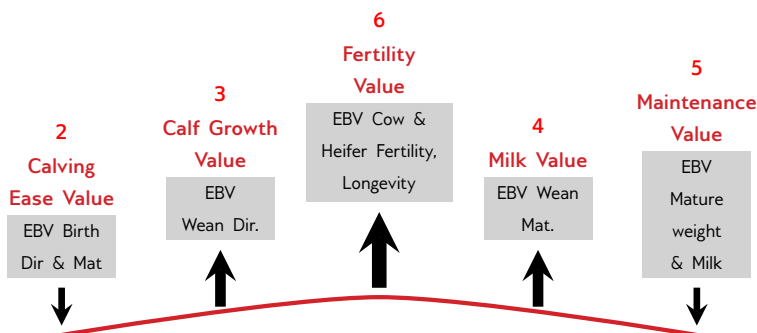
LOGIX SELECTION VALUES



1 L♂ GIX Cow Value

Selection for:

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



7 L♂ GIX Weaner Calf Value

Heavier weaning weights, with more milk, but restricted birth weight



8 L♂ GIX Growth Value

Selection for efficient growers on veld & in the feedlot



9 L♂ GIX Carcass Value

Selection for higher meat yield on carcass



10 L♂ GIX Production Value

Selection for easy-care, Profitable cattle

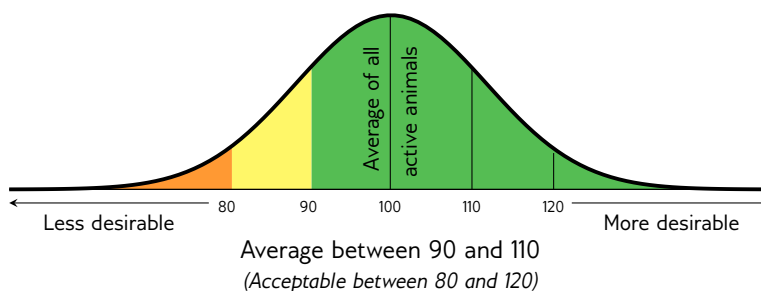
- 80% Cow Value
- 20% Growth Value

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 Weaner Calf Value	Combination of calf's weight and cow's milk	Heavy weaner calves	Light				Heavy
	8 Growth Value	Efficient growth on veld and in feedlot (R-value)	Profitable growth	Loss				Profit
	9 Carcass Value	Meat on carcass (Weight and RTU EBVs)	More meat on the carcass	Less				More
	10 Production Value	Combination of Cow- and Growth values (R-value)	Profitable animals	Loss				Profit
Cow & Heifer	11 Birth Weight Direct	Birth weight (Calf's genetic ability)	Avg. birth weight	Heavy				Light
	12 Birth Weight Maternal	Birth weight (Cow's genetic ability)	Easy calving	Heavy				Light
	13 Weaning Weight Direct	Weaning weight (Calf's genetic ability)	Heavy weaner calves	Light				Heavy
	14 Weaning Weight Maternal	Weaning weight (Cow's genetic ability)	Good mothers	Poor				Good
	23 Mature Cow Weight	Cow weight at weaning of first three calves	Avg. mature cow weight	Light		*	*	Heavy
Fertility	Cow-Calf Birth	EBV Birth Direct / EBV Mature Cow weight	Average	Low				High
	Cow-Calf Wean	EBV Wean Direct / EBV Mature Cow weight	High calf-cow ratio	Low				High
	15 Heifer Fertility	Age at first calving	Fertile heifers	Less				More
	16 Cow Fertility	First 3 inter-calving periods (ICPs)	Fertile cows	Less				More
Growth & Frame	17 Scrotal Circumference	As measured during the growth test	Fertile bulls	Less				More
	18 Longevity	Retention of progeny	Acceptable progeny	Poor				Good
	19 Post-Wean Weight	12- and 18 month weights	Good post-wean growth	Low			*	High
	20 Average Daily Gain	Average daily gain (g)	Good growth	Poor				Good
	21 Feed Conversion Ratio	100g feed intake / g weight gain	Feed efficiency	Poor				Good
	22 Kleiber Ratio	Average daily gain (g) / Metabolic weight (kg)	Feed efficiency	Poor				Good
	Final Test Weight	Final weight in the growth test	Heavy carcass	Light			*	Heavy
	24 Height	Shoulder / Hip height in growth test	Average height	Short				Tall
Carcass	25 Length	Length in growth test	Longer for more muscle	Short				Long
	26 Length-Height Ratio	EBV Length / EBV Height	Longer rather than tall	<1				>1
	27 Eye Muscle Area	RTU measured eye muscle area	Bigger steaks	Small				Big
	28 Fat Thickness	RTU measured P8 backfat thickness	Carcass quality	Thin				Thick
	29 Marbling	RTU measured % of intra-muscular fat	Juicy meat	Low				High

* Determined by own selection goal

INTERPRETATION OF BREEDING VALUE INDICES



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	KLB	Mature Weight	Height	Length	EMA	Fat	Mar
83	121	130	89	112	84	101	112	125	126	113	113	104	115	149	82	119
87%	70%	83%	70%	81%	68%	59%	69%	72%	76%	80%	65%	81%	80%	77%	74%	73%
11	12	13	14	17	15	16	18	19	20	22	23	24	25	27	28	29

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	KLB Index	Scrotum	LHR	Length: 1520
37kg	284kg	106	103	97	91	92	120	353mm	1.21	Height: 1260
11	13			20	21	22	17	26		24, 25

- Wean, 365D, 504D, ADG, FCR and Kleiber 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
- LH, Length en Height - the animal's length to height ratio, as well as the Length and Height, as measured at the end of the growth test

LOT 1 (M)

V.J. MUNGUNDA

OMBU210035



Herd Book	SP
Birth date	2021-05-30
Growth Test	B2



Myostatin

Q204X	Free
NT821	Free
F94L	Free

HART110073
Wean Mat. 83

Parentage	Sire	Dam
DNA	✓	
Genomic		

OMBU190017
Age 5y | AFC 28 | Avg. WI 104
ICP 447 | Calves 3
Wean Mat. 105 | CCW 50.8

AG 030029 HH(c)
Wean Mat. 67

HART080028
Age 11y | AFC 24 | Avg. WI 100
ICP 399 | Calves 9
Wean Mat. 89

HART090332
Wean Mat. 94

OMBU110005
Age 12y | AFC 30 | Avg. WI 100
ICP 457 | Calves 9
Wean Mat. 100

AG 990142

AG 970109
Age 15 | Avg. WI 98
ICP - | Calves 11

BHE 040035

BHE 040174
Age 4 | Avg. WI 116
ICP 349 | Calves 3

HJS 030016

VZF 040037
Age 12 | Avg. WI 102
ICP 369 | Calves 9

HART070145

GRT 960014
Age 16 | Avg. WI 107
ICP 414 | Calves 12



Genomic Breeding Value Analysis 2024-10-19

Calving Ease Value	Weaner Calf Value	Maintenance Value	Fertility Value	Cow Value	Growth Value	Carcass Value	Production Value
106	94	117	99	97	90	87	94

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	KLB	Mature Weight	Height	Length	EMA	Fat	Mar
105	91	94	95	112	92	91	94	96	101	86	87	86	79	97	111
76%	72%	58%	74%	50%	37%	57%	66%	51%	51%	50%	54%	53%	41%	38%	38%

Birth Weight	205D Weight	205D Index	365D Index	540D Index	ADG Index	FCR Index	KLB Index	Scrotum	LHR	Length: -
32kg	203kg	100	101	102	-	-	-	349mm	-	Height: -

SELLER REMARKS:

LOT 2 (M)

V.J. MUNGUNDA

OMBU210048



Herd Book	SP
Birth date	2021-06-04
Growth Test	B2



Myostatin

Q204X	Carrier
NT821	Free
F94L	Free

HART160088 HH(c)
Wean Mat. 97

Parentage	Sire	Dam
DNA	✓	
Genomic		

IH 110065
Age 13y | AFC 29 | Avg. WI 100
ICP 437 | Calves 9
Wean Mat. 114 | CCW 51.7

HART090329
Wean Mat. 72

HART070122 HH(c)
Age 10y | AFC 29 | Avg. WI 109
ICP 369 | Calves 8
Wean Mat. 129

AEJ 080061
Wean Mat. 118

IH 060026
Age 9y | AFC 34 | Avg. WI 99
ICP 423 | Calves 6
Wean Mat. 101

AG 030029 HH(c)
HART060096 HH(c)
Age 11 | Avg. WI 106
ICP - | Calves 9

BG 040037

BHE 050059
Age 9 | Avg. WI 112
ICP 366 | Calves 7

AEJ 040160

AEJ 050141
Age 4 | Avg. WI 115
ICP 389 | Calves 2

VV 000154

IH 010002
Age 12 | Avg. WI 98
ICP 438 | Calves 9



Genomic Breeding Value Analysis 2024-10-19

Calving Ease Value	Weaner Calf Value	Maintenance Value	Fertility Value	Cow Value	Growth Value	Carcass Value	Production Value
87	108	90	93	98	107	109	100

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	KLB	Mature Weight	Height	Length	EMA	Fat	Mar
91	113	104	119	95	96	97	113	101	94	109	109	121	111	94	103
78%	74%	58%	74%	47%	30%	52%	66%	48%	48%	44%	54%	52%	39%	36%	36%

Birth Weight	205D Weight	205D Index	365D Index	540D Index	ADG Index	FCR Index	KLB Index	Scrotum	LHR	Length: -
40kg	225kg	108	113	106	-	-	-	370mm	-	Height: -

SELLER REMARKS:

LOT 3 (M)

V.J. MUNGUNDA

OMBU210072



Herd Book	SP
Birth date	2021-06-16
Growth Test	B2



Myostatin

Q204X	Carrier
NT821	Free
F94L	Free

HART160088 HH(c)
Wean Mat. 97

Parentage	Sire	Dam
DNA	✓	
Genomic		

OMBU130103
Age 10y | AFC 30 | Avg. WI 101
ICP 462 | Calves 7
Wean Mat. 115 | CCW 60.6

HART090329
Wean Mat. 72

HART070122 HH(c)
Age 10y | AFC 29 | Avg. WI 109
ICP 369 | Calves 8
Wean Mat. 129

VV 080161
Wean Mat. 135

JJ 050085
Age 13y | AFC 31 | Avg. WI 96
ICP 387 | Calves 11
Wean Mat. 87

AG 030029 HH(c)
 HART060096 HH(c)
Age 11 | Avg. WI 106
ICP - | Calves 9

BG 040037
BHE 050059
Age 9 | Avg. WI 112
ICP 366 | Calves 7

VV 050202
 VV 060084
Age 10 | Avg. WI 108
ICP 398 | Calves 8
JJ 020161

JJ 030017
Age 12 | Avg. WI 100
ICP 436 | Calves 9

LOGIX
Genomic Breeding Value
Analysis 2024-10-19

Calving Ease Value	Weaner Calf Value	Maintenance Value	Fertility Value	Cow Value	Growth Value	Carcass Value	Production Value
104	101	89	99	101	103	105	101

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	KLB	Mature Weight	Height	Length	EMA	Fat	Mar
103	101	105	100	104	98	95	100	95	88	110	99	115	110	100	102
77%	73%	57%	74%	47%	30%	53%	61%	47%	47%	42%	52%	50%	40%	37%	37%

Birth Weight	205D Weight	205D Index	365D Index	540D Index	ADG Index	FCR Index	KLB Index	Scrotum	LHR	Length: -	Height: -
35kg	213kg	100	109	112	-	-	-	347mm	-		

SELLER REMARKS:

LOT 4 (M)

V.J. MUNGUNDA

OMBU210089



Herd Book	SP
Birth date	2021-07-05
Growth Test	B2



Myostatin

Q204X	Carrier
NT821	Free
F94L	Free

HART160088 HH(c)
Wean Mat. 97

Parentage	Sire	Dam
DNA	✓	
Genomic		

OMBU140145
Age 9y | AFC 36 | Avg. WI 96
ICP 437 | Calves 6
Wean Mat. 90 | CCW 41.3

HART090329
Wean Mat. 72

HART070122 HH(c)
Age 10y | AFC 29 | Avg. WI 109
ICP 369 | Calves 8
Wean Mat. 129

GMS 080273
Wean Mat. 104

HART110082
Age 8y | AFC 33 | Avg. WI 85
ICP 432 | Calves 5
Wean Mat. 74

AG 030029 HH(c)
 HART060096 HH(c)
Age 11 | Avg. WI 106
ICP - | Calves 9

BG 040037
BHE 050059
Age 9 | Avg. WI 112
ICP 366 | Calves 7

GMS 030276
GMS 040056
Age 10 | Avg. WI 98
ICP 432 | Calves 7
BHE 030126

HART080241
Age 3 | Avg. WI 104
ICP - | Calves 1

LOGIX
Genomic Breeding Value
Analysis 2024-10-19

Calving Ease Value	Weaner Calf Value	Maintenance Value	Fertility Value	Cow Value	Growth Value	Carcass Value	Production Value
89	105	83	90	94	109	110	96

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	KLB	Mature Weight	Height	Length	EMA	Fat	Mar
95	118	91	112	86	98	97	121	101	94	120	114	124	114	94	99
77%	72%	57%	74%	43%	29%	52%	66%	47%	47%	45%	51%	50%	37%	35%	34%

Birth Weight	205D Weight	205D Index	365D Index	540D Index	ADG Index	FCR Index	KLB Index	Scrotum	LHR	Length: -	Height: -
37kg	210kg	99	115	109	-	-	-	346mm	-		

SELLER REMARKS:

LOT 5 (M)

V.J. MUNGUNDA

OMBU210090



Herd Book	B
Birth date	2021-07-05
Growth Test	B2



Myostatin

Q204X	Free
NT821	Free
F94L	Free

HART090332
Wean Mat. 94

Parentage	Sire	Dam
DNA	✓	
Genomic		

OMBU180129
Age 5y | AFC 31 | Avg. WI 112
ICP 437 | Calves 3
Wean Mat. 106 | CCW 49.4

HJS 030016
Wean Mat. 101

VZF 040037
Age 12y | AFC 33 | Avg. WI 102
ICP 369 | Calves 9
Wean Mat. 112

ERH 130044
Wean Mat. 93

OMBU100116
Age 14y | AFC - | Avg. WI 100
ICP 391 | Calves 10
Wean Mat. 91

RCO 980037

HJS 000068
Age 4 | Avg. WI 98
ICP - | Calves 1
JRB 990071

VZF 010008
Age 7 | Avg. WI 95
ICP 455 | Calves 4

HART090326

ERH 080008
Age 13 | Avg. WI 105
ICP 376 | Calves 11



Genomic Breeding Value
Analysis 2024-10-19

Calving Ease Value	Weaner Calf Value	Maintenance Value	Fertility Value	Cow Value	Growth Value	Carcass Value	Production Value
104	115	96	97	110	116	106	111

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	KLB	Mature Weight	Height	Length	EMA	Fat	Mar
106	114	98	116	92	101	101	118	112	112	103	110	110	107	112	134
76%	72%	60%	73%	47%	35%	57%	67%	52%	52%	50%	53%	53%	41%	38%	38%

Birth Weight	205D Weight	205D Index	365D Index	540D Index	ADG Index	FCR Index	KLB Index	Scrotum	LHR	Length: -	Height: -
30kg	207kg	102	104	105	-	-	-	344mm	-		

SELLER REMARKS:

LOT 6 (M)

V.J. MUNGUNDA

OMBU210106



Herd Book	B
Birth date	2021-07-29
Growth Test	B2



Myostatin

Q204X	Free
NT821	Free
F94L	Free

ERH 130044
Wean Mat. 93

Parentage	Sire	Dam
DNA	✓	
Genomic		

OMBU170109
Age 6y | AFC 37 | Avg. WI 109
ICP 371 | Calves 3
Wean Mat. 134 | CCW 45.7

HART090326
Wean Mat. 92

ERH 080008
Age 13y | AFC 26 | Avg. WI 105
ICP 376 | Calves 11
Wean Mat. 129

VV 080161
Wean Mat. 135

OMBU070061
Age 14y | AFC - | Avg. WI 111
ICP 418 | Calves 10
Wean Mat. 116

AG 030029 HH(c)

HART060079 HH(c)

Age 11 | Avg. WI 103
ICP - | Calves 9

AG 010051

ERH 040010
Age 15 | Avg. WI 102
ICP 424 | Calves 11

VV 050202

VV 060084
Age 10 | Avg. WI 108
ICP 398 | Calves 8



Genomic Breeding Value
Analysis 2024-10-19

Calving Ease Value	Weaner Calf Value	Maintenance Value	Fertility Value	Cow Value	Growth Value	Carcass Value	Production Value
125	126	126	99	124	103	100	121

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	KLB	Mature Weight	Height	Length	EMA	Fat	Mar
122	102	111	108	102	96	101	109	105	106	74	90	101	124	103	119
76%	72%	58%	73%	43%	29%	55%	66%	50%	50%	47%	53%	52%	45%	42%	42%

Birth Weight	205D Weight	205D Index	365D Index	540D Index	ADG Index	FCR Index	KLB Index	Scrotum	LHR	Length: -	Height: -
28kg	223kg	112	122	116	-	-	-	338mm	-		

SELLER REMARKS:

LOT 7 (M)

V.J. MUNGUNDA

OMBU210148



Herd Book	SP
Birth date	2021-12-20
Growth Test	B2



Myostatin

Q204X	Free
NT821	Free
F94L	Free

ERH 130044
Wean Mat. 93

Parentage	Sire	Dam
DNA	✓	
Genomic		

OMBU170009
Age 7y | AFC 31 | Avg. WI 103
ICP 401 | Calves 5
Wean Mat. 112 | CCW 49.9

HART090326
Wean Mat. 92

ERH 080008
Age 13y | AFC 26 | Avg. WI 105
ICP 376 | Calves 11
Wean Mat. 129

HART090332
Wean Mat. 94

CWS 050059
Age 15y | AFC 35 | Avg. WI 100
ICP 430 | Calves 11
Wean Mat. 117

AG 030029 HH(c)
HART060079 HH(c)
Age 11 | Avg. WI 103
ICP - | Calves 9

AG 010051

ERH 040010
Age 15 | Avg. WI 102
ICP 424 | Calves 11

HJS 030016

VZF 040037
Age 12 | Avg. WI 102
ICP 369 | Calves 9

HMB 990158

CWS 010038
Age 11 | Avg. WI 103
ICP 470 | Calves 7



Genomic Breeding Value
Analysis 2024-10-19

Calving Ease Value	Weaner Calf Value	Maintenance Value	Fertility Value	Cow Value	Growth Value	Carcass Value	Production Value
102	109	107	106	111	105	107	110

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	KLB	Mature Weight	Height	Length	EMA	Fat	Mar
103	105	100	115	101	105	111	105	110	109	92	104	109	119	96	121
77%	73%	60%	74%	49%	34%	55%	66%	52%	52%	50%	55%	54%	45%	42%	42%

Birth Weight	205D Weight	205D Index	365D Index	540D Index	ADG Index	FCR Index	KLB Index	Scrotum	LHR	Length: -	Height: -
40kg	257kg	120	109	114	-	-	-	324mm	-	-	-

SELLER REMARKS:

LOT 8 (M)

V.J. MUNGUNDA

OMBU210157



Herd Book	SP
Birth date	2021-12-24
Growth Test	B2



Myostatin

Q204X	Free
NT821	Free
F94L	Free

AG 150078
Wean Mat. 110

Parentage	Sire	Dam
DNA	✓	
Genomic		

OMBU130037
Age 11y | AFC 36 | Avg. WI 107
ICP 452 | Calves 7
Wean Mat. 132 | CCW 55.5

AG 100384
Wean Mat. 102

AG 070315
Age 15y | AFC 23 | Avg. WI 94
ICP 410 | Calves 11
Wean Mat. 85

VV 080161
Wean Mat. 135

ERH 060051
Age 13y | AFC 27 | Avg. WI 99
ICP 411 | Calves 10
Wean Mat. 115

AG 070458

AG 030216
Age 15 | Avg. WI 106
ICP - | Calves 12

AG 030205

AG 030228
Age 17 | Avg. WI 100
ICP 412 | Calves 13

VV 050202

VV 060084
Age 10 | Avg. WI 108
ICP 398 | Calves 8

HMB 990024

ERH 030068
Age 5 | Avg. WI 88
ICP - | Calves 1



Genomic Breeding Value
Analysis 2024-10-19

Calving Ease Value	Weaner Calf Value	Maintenance Value	Fertility Value	Cow Value	Growth Value	Carcass Value	Production Value
121	101	120	71	89	89	86	87

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	KLB	Mature Weight	Height	Length	EMA	Fat	Mar
119	79	124	132	85	66	102	88	92	93	81	95	92	93	103	103
77%	73%	59%	75%	49%	31%	55%	68%	50%	50%	47%	54%	53%	30%	28%	27%

Birth Weight	205D Weight	205D Index	365D Index	540D Index	ADG Index	FCR Index	KLB Index	Scrotum	LHR	Length: -	Height: -
34kg	213kg	99	102	114	-	-	-	335mm	-	-	-

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)	KLB (g/kg)	Scr. Circ. (mm)	Height. (mm)	Length (mm)	Wean	ADG	Scr. Circ.	Avg. Wean Index	Nr. Calves	Repr. Index
Breed Average Auction Average				34	219	-	52.5	-	344	1.08 0.48	-0.26 -0.16	15.1 16.5	3.7 4.7	25 33	9 6	110 118	78 77	13.3 20.8	1	18 26	105	-	112	104	5.0	101
1	OMBU210035	M	SP	32	203	-	50.6	-	349	0.50	-0.48	11.0	2.0	23.3	-7.0	91	80.7	10.5	-10	2	100	-	95	104	3	106
2	OMBU210048	M	SP	40	225	-	60.2	-	370	2.12	0.36	21.1	5.0	37.7	18.7	117	58.7	25	7	41	108	-	119	100	9	102
3	OMBU210072	M	SP	35	213	-	62.9	-	347	0.75	-0.39	15.7	5.2	28.5	20.5	87	43	13.3	-1	34	100	-	100	101	7	98
4	OMBU210089	M	SP	37	210	-	42.2	-	346	1.65	0.71	23.4	1.1	44.2	31.3	117	61.3	20.6	11	45	99	-	112	96	6	97
5	OMBU210090	M	B	30	207	-	40.5	-	344	0.39	0.08	21.7	3.2	42.8	12.2	166	112.8	23.2	7	29	102	-	116	112	3	104
6	OMBU210106	M	B	28	223	-	48.2	-	338	-1.35	-0.77	15.9	6.9	36.2	-19.6	134	95.3	18.3	-8	19	112	-	108	109	3	100
7	OMBU210148	M	SP	40	257	-	58.6	-	324	0.79	-0.21	17.6	3.7	32.0	0.6	159	105.1	22.7	3	28	120	-	115	103	5	108
8	OMBU210157	M	SP	34	213	-	56.8	-	335	-1.04	-0.57	5.4	10.7	19.1	-12.4	73	57.3	33	-4	9	99	-	132	107	7	95

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	OUK.	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 (kg)	Mat. Wt.	Volw. Gewig	Volwasse gewig (kg)
Average Daily Gain (g/day)	ADG	GDT	Gemiddelde Daaglikse Toename
Feed Conversion Ratio (kg:kg)	FCR	VOV	Voeromset Verhouding
Kleiber Ratio (g/kg)	KLB	KLB	Kleiber Verhouding (g/kg)
Eye Muscle Area	EMA	OSO	Oogspier grootte
Backfat Thickness (mm)	Fat	Vet	Rugvet Diepte (mm)
Marbeling (intra-muscular fat)	Mar	Mar	Marmering (binne-spiersse vet)
Actual Birth weight (kg)	Birth Wt.	Geb. gewig	Werklike Geboorte gewig (kg)
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 Weight Ratio	CCG	KKG	Koei-Kalf Geboorte Gewig Verhouding
Cow-Calf Wean Weight Ratio	CCW	KKS	Koei-Kalf Speen Gewig 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