

BONSMARA

GENOMIC BREEDING VALUE REPORT

July 2026



MUNYAMELA BONSMARA

Herd Number: 730527

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EBVs, EBVi's and GEBVs

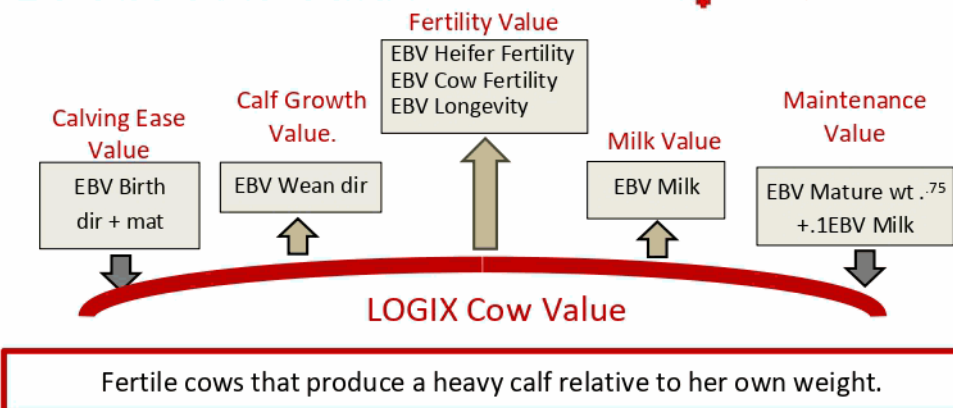
EBVi (Breeding Value Index): Genetic potential relative to the average (100) of the live (active) animals in the breed. Roughly 50% of the animals have values between 90 and 110. Values above 100, depending on the trait, tend to be in the more favourable direction.

EBV (Breeding Value): Genetic potential relative to the average of the animals born in the base year (1990), expressed in the unit of measurement.

GEBV (Genomic Breeding Value) Interpreted like the EBVi. (GEBV = EBV + Genomic information)

LOGIX Selection values combine different breeding values in a logical way. For example, Heifer Fertility (how early a heifer starts calving), Cow Fertility (how regular she calves) and Longevity (retention within the family) are combined to form the Fertility Value.

LOGIX Cow Value



Selection Values

LOGIX Cow Value



Selecting for:

- fertile,
- low maintenance,
- easy calving cows
- with heavy weaners

LOGIX Growth Value



Select for efficient growers on veld and in feedlot, as measured in Phase C and D Growth Tests.

How to use the Cow Value

Selection values should be compatible with your selection goal.

AVERAGE ANIMALS (NO GROWTH EXTREMES)

- Selection Values 90 to 110
 - Cow Value and Fertility Value average to high
- A safe choice, as animals are profitable in most environments.

GROWERS (GOOD ENVIRONMENT)

- WeanerCalf / Growth Value > 120
 - Cow Value and Fertility Value average to high
- Growers are usually heavier at birth (lower Calving Ease Value), and maturity (lower Maintenance Value).

LOW- MAINTENANCE ANIMALS (HARSH ENVIRONMENT)

- Maintenance Value >110
 - Cow Value and Fertility Value average to high
- Lighter cows have a lower maintenance.

LOGIX Weaner Calf Value



Select for:

- heavy weaners
- more milk and
- lower birth and
- cow weights

LOGIX Carcass Value



Select for more meat on the carcass as measured from end weight in Phase C and D Growth Tests and RTU scanning.

Examples

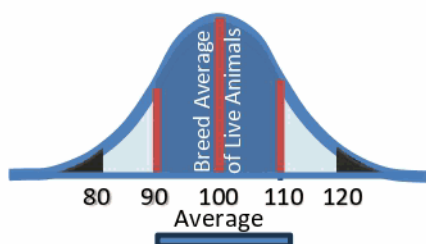
Type of Animal	Cow Value	Calving Ease V	Weaner Calf V	Milk Value	Maint. Value	Fertility Value
Average	Med-High	Avg	Avg	Avg	Avg	Med-High
Grower	Med-High		High			Med-High
Low Maintenance	Med-High				High	Med-High

LOGIX Production Value



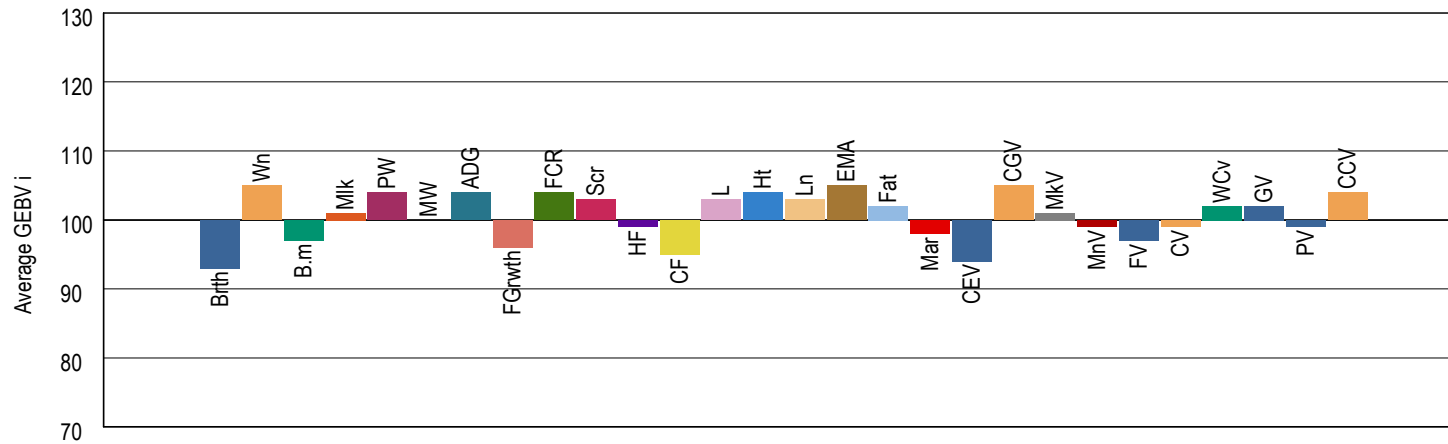
80% LOGIX Cow Value +
20% LOGIX Growth Value

Interpretation of EBVi and Selection Values



	EBVi	Description / Measurement	Goal	Low Value	High Value
Selection Values	Calving Ease Value	Difficult calving due to high birth weight	Average birth weight	High	Low
	Calf Growth Value	Calf's genetic ability for prewean growth	Heavy weaner	Light	Heavy
	Milk Value	Cow's genetic mothering and milking ability	Enough milk for calf	Less	More
	Maintenance Value	Maintenance requirement of cow (weight and milk)	Low cow maintenance	High	Low
	Fertility Value	Fertility and retention of cows and heifers	Fertile cows	Low	High
	Cow Value	Combination of calving ease, calf growth, milk, maintenance and fertility values (Rand-value per Ha)	Profitable cows	Loss	Profit
	Weaner Calf Value	Heavier weaners and more milk, with lower birth and cow weights	Heavy weaner	Light	Heavy
	Growth Value	Efficient growth on veld and in feedlot (Rand-value per animal)	Profitable growth	Loss	Profit
	Production Value	Combination of Cow- and Growth Values (Rand-value)	Profitable animals	Loss	Profit
	Carcass Value	Meat on carcass (Weight and RTU EBVs)	Meat on carcass	Less	More
Birth	Cow weight - birth	Cow weight at birth of calves	Mature cow weight	Light	Heavy
	Birth weight direct	Birth weight (Calf's genetic ability)	Average birth weight	Heavy	Light
	Cow-Calf birth	EBV Birth dir / EBV Mature cow weight	Average	Low	High
Wean	Cow Weight wean	Cow weight at weaning of calves	Mature cow weight	Light	Heavy
	Weaning weight direct	Weaning weight (Calf's genetic ability)	Heavy weaners	Light	Heavy
	Weaning weight mat	Weaning weight (Dam's genetic ability)	Good mothers	Poor	Good
	Cow-Calf Wean	EBV Wean dir / EBV Mature cow weight	High cow-calf ratio	Low	High
Growth & Adaptation	Post-Wean weight	12- and 18mnth weights	Post-wean growth	Low	High
	Ave. Daily Gain	Average daily gain in growth test (Phase C and D)	Good growth	Poor	Good
	Veld Growth	ADG on veld (Phase B)	Good adaptation	Poor	Good
	Feed Conversion Ratio	100g feed intake / g weight gain	Feed Efficiency	Poor	Good
	Final Test Weight	Final weight in growth test (Phase C and D)	Heavy Carcasses	Light	Heavy
	Skin Thickness	Measured in growth tests	Thicker skin	Thin	Thick
	Scrotal Circumference	Scrotal circumference in growth test	Fertile bulls	Less	More
Fertility	Heifer Fertility	Age at first calving	Fertile heifers	Less	More
	Cow Fertility	First 3 inter-calving periods (ICPs)	Fertile cows	Less	More
	Longevity	Retention of progeny	Acceptable progeny	Poor	Good
Frame	Height	Shoulder / Hip height in growth test	Average height	Short	Tall
	Length	Length in growth test	Longer (more meat)	Short	Long
	Length:Height	EBV Length / EBV Height	Longer, not higher	Less desirable	More desirable
Carcass	Eye Muscle Area	RTU Eye muscle area	Muscle in carcass	Small	Big
	Fat	RTU P8 Backfat Thickness	Carcass quality & adaptability	Thin	Thick
	Marbling	RTU % Marbling	Juicy meat	Low	High
	Dressing%	Carcass weight / Live weight	High dressing %	Low	High

Herd and Breed Averages



Genomic Breeding Values (GEBVs):

Brth:	Birth weight	Scr:	Scrotal circumf.
Wn:	Weaning weight	HF:	Heifer Fertility
B.m:	Birth maternal	CF:	Cow Fertility
Mlk:	Milk	LL:	Longevity
PW:	Post-wean weight	Ht:	Height
MW:	Mature weight	Ln:	Length
ADG:	Average Daily Gain	EMA:	Eye Muscle
FGwth	Veldgrowth	Fat:	Fat
FCR:	Feed Conversion Ratio	Mar:	Marbling

Selection Values:

CEV:	Calving Ease Value
CGV:	Calf Growth Value
MkV:	Milk Value
MnV:	Maintenance Value
FV:	Fertility Value
CV:	Cow Value
WCv:	Weaner Calf Value
GV:	Growth Value
PV:	Production Value
CCV:	Carcass Value

	Trait	EBV Herd	EBVi Herd	EBV Breed
Prewrite Growth	Birth Weight	1.73	93	1.00
	Wean Weight	17.5	105	15.0
	Birth Mat.	-0.16	97	-0.29
	Milk (Wn.Mat.)	4.0	101	3.6
Postwean Growth	Postwean Wt	28	104	25
	Mature Weight	22	100	22
	ADG	93	104	79
	VeldGrowth	26	96	35
	FCR	-43	104	-37
Fertility	Scrotal Circumf.	14	103	13
	Heifer Fertility	-8.1	99	-8.7
	Cow Fertility	0.35	95	-0.46
	Longevity	33.4	103	31.5
Frame	Height	-0.1	104	-3.1
	Length	16.6	103	13.6
Carcass	EMA	1.160	105	0.670
	Fat	0.289	102	0.035
	Marbling	-0.218	98	-0.072

Selection Value	Ave. Herd
Calving Ease	94
Calf Growth	105
Milk	101
Maintenance	99
Fertility	97
Cow Value	99
Weaner Calf Value	102
Growth Value	102
Production Value	99
Carcass Value	104

- Average of live animals in the breed: 100
- Above 100: **more favourable**,
- Below 100: **less favourable**

What does a sub-selection value above breed average (100) mean?:

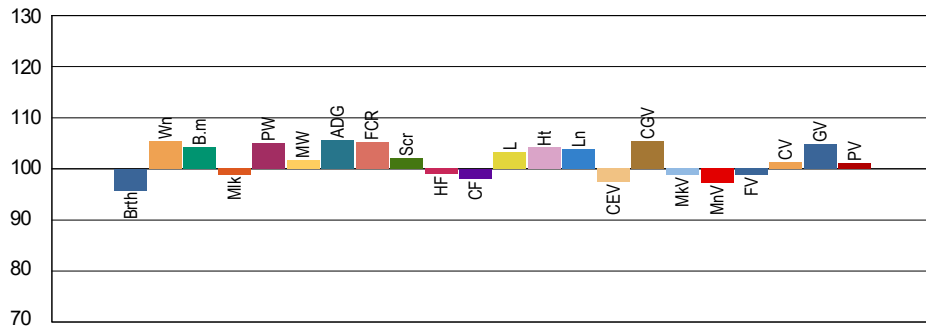
Calving ease:	Smaller calf at birth - easier calving
Calf growth:	Heavier calves at wean due to growth potential of the calf
Milk:	Cows with more milk and better mothering ability
Maintenance:	Animals with low maintenance requirements (lower mature weight).
Fertility:	Cows/daughters that calve earlier and/or more regularly.

Genetic Windows

Bulls on the farm

Bulls born in 2023 and earlier

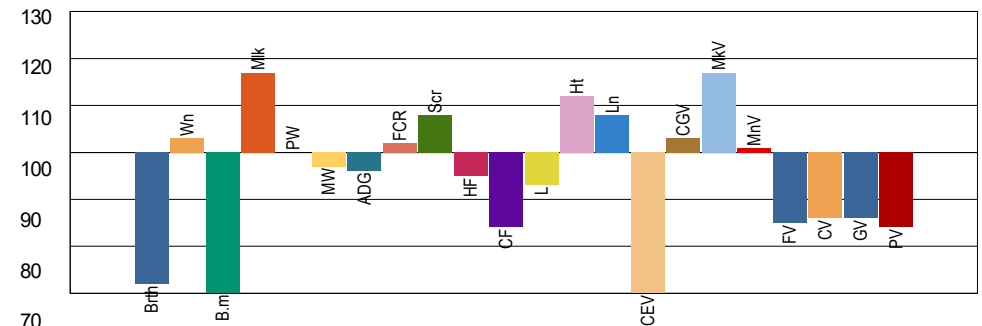
Total: 8



Cow Herd

Cows born in 2024 and earlier

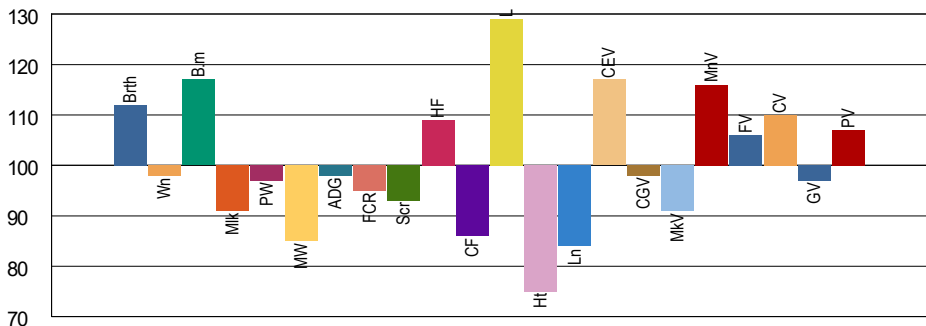
Total: 1



Sires of young animals

Sires of animals 3 years and younger

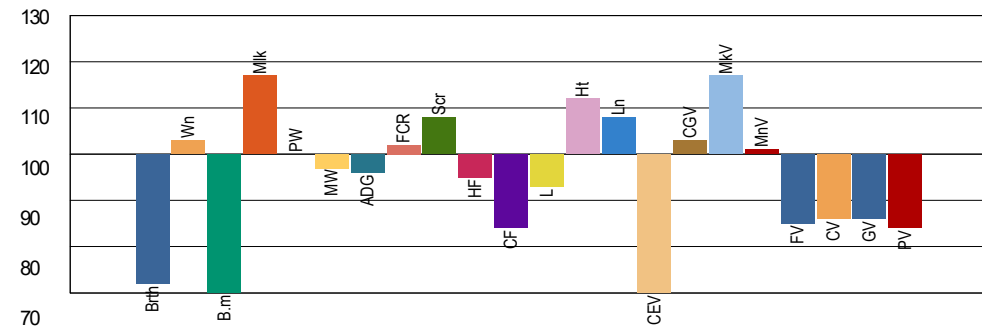
Total: 1



Cows older than 6 years

Cows born in 2020 and earlier

Total: 1



Bull calves

Bulls born in

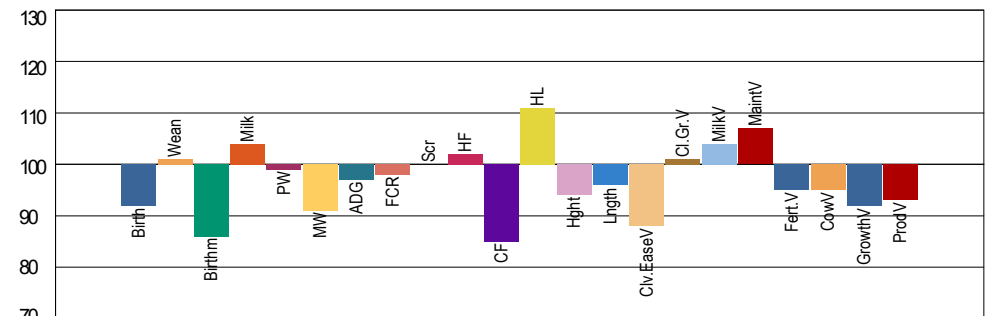
Total:



Heifer calves

Heifers born in 2025

Total: 4



Summary of Cow Herd

			Selection Values (SV)								Calf Weight		Dam		Growth & Efficiency				Fertility				Frame	
Birth Year	No. Cows	Average Cow Value	Calving Ease	Calf Grwth	Milk	Maint.	Fertility	Cow Value	Growth Value	Prod Value	Birth Weight	Wean Weight	Birth Mat.	Milk (Wn.Mat)	Postwn Weight	Mature Weight	ADG	FCR	Scrotal Circumf.	Heifer Fertility	Cow Fertility	Longevity	Height	Length
Cows in Breed Average:			100	100	100	100	100	100	99	100	100	100	100	100	99	100	100	100	100	100	100	100	101	100
2010	2																							
2011	2																							
2012	5																							
2013	3																							
2014	3																							
2015	5																							
2016	13																							
2017	7	★★★☆☆	68	103	117	101	85	86	86	84	72	103	54	117	100	97	96	102	108	95	84	93	112	108
2018	4																							
2019	6																							
2020	6																							
2021	30																							
2022	15																							
2023	11																							
2024	24																							
2025	4	★★★★	88	101	104	107	95	95	92	93	92	101	86	104	99	91	97	98	100	102	85	111	94	96
Cows in Herd Average:			78	102	111	104	90	91	89	89	82	102	70	111	100	94	97	95	104	99	85	102	103	102

Genetic Trends for On-Farm Traits

The graphs show the genetic gain of the herd relative to the breed. Only data of animals with measurements are included.

Herd

Birth Year	Calving Ease				Calf Growth			Milk		Maintenance				Fertility						Cow Value			
	Birth Weight		Dir	Mat	Calv. Ease	Weaning Weight		Calf Growth	Milk (Wn.Mat.)		Postwean Weight		Mature Weight		Maintenance	Heifer Fert.		Cow Fert.			Longevity		Fertility
	Number	EBV				Number	EBV		Number	EBV	Number	EBV	Number	EBV		Number	EBV	Number	EBV		Number	EBV	

Breed

Birth Year	Calving Ease				Calf Growth			Milk			Maintenance						Fertility						Cow Value
	Birth Weight		Mat EBV	Calv. Ease	Weaning Weight		Calf Growth	Milk (Wn.Mat.)		Postwean Weight		Mature Weight		Maintenance	Heifer Fert.		Cow Fert.		Longevity		Fertility		
	Number	Dir EBV			Number	EBV		Number	EBV	Milk	Number	EBV	Number		EBV	Number	EBV	Number	EBV	Number		EBV	
2016	43610	1.05	-0.23	99	35930	13.3	97	35930	2.86	97	25541	22.8	6538	22	102	8135	-6.1	6285	-0.1	45467	22.9	92	90
2017	45322	1.08	-0.23	99	37532	13.8	98	37532	3.03	98	26133	23.7	6680	22	101	8519	-6.4	6592	0.0	46573	23.9	93	92
2018	43022	1.06	-0.27	99	35840	13.9	98	35840	3.03	98	24987	23.8	6623	22	102	7934	-6.4	6322	0.0	43773	24.6	94	93
2019	43000	1.08	-0.28	99	35098	14.5	99	35098	3.02	98	24660	24.7	6810	23	101	8158	-6.8	6618	0.0	43144	25.5	95	94
2020	43044	1.04	-0.30	100	35835	14.6	99	35835	3.02	98	26174	24.8	7366	23	101	8564	-7.7	6849	-0.2	42990	26.5	97	96
2021	43178	1.02	-0.32	100	35924	15.0	100	35924	3.07	98	26569	25.6	6777	23	101	8447	-7.8	5857	-0.2	39463	27.5	98	97
2022	43233	1.00	-0.32	100	36531	15.3	100	36531	3.25	99	26864	26.0	5534	23	100	8144	-8.2	2480	-0.4	10725	27.6	100	99
2023	44315	0.97	-0.33	101	37201	15.3	101	37201	3.35	99	26539	26.1	1523	22	100	4005	-9.1	76	-1.3			102	100
2024	42882	0.90	-0.31	101	35532	15.4	101	35532	3.44	99	25263	26.0	3	16	100	122	-10.2					104	101
2025	43890	0.90	-0.32	101	29178	15.7	101	29178	3.54	100	6325	28.2			98								103
2026	10877	0.89	-0.30	101	95	13.7	97	95	4.55	103													101

Genetic Trends for Growth Test and Carcass Traits

Herd

Birth Year	Growth												Frame						Carcass						Selection Values			
	FCR			ADG			Veld Growth			Scrotum			Height			Length			EMA			Fat		Marbling		Carcass Value	Growth Value	Prod Value
	Number	EBV	EBVi	Number	EBV	EBVi	Number	EBV	EBVi	Number	EBV	EBVi	Number	EBV	EBVi	Number	EBV	EBVi	RTU Number	EBV	EBVi	EBV	EBVi	EBV	EBVi			

Breed

Birth Year	Growth												Frame						Carcass						Selection Values			
	FCR			ADG			Veld Growth			Scrotum			Height			Length			RTU Number	EMA		Fat		Marbling		Cracss Value	Growth Value	Prod Value
	Number	EBV	EBVi	Number	EBV	EBVi	Number	EBV	EBVi	Number	EBV	EBVi	Number	EBV	EBVi	Number	EBV	EBVi		EBV	EBVi	EBV	EBVi					
2017	659	-45	105	8459	77	99	16296	29	97	9041	11.6	98	8541	0	104	8457	14	101	3129	0.61	99	-0.38	97	-0.10	100	99	97	93
2018	628	-41	103	8227	78	100	15436	29	98	8717	11.7	98	7978	-1	103	7980	14	101	2986	0.81	101	-0.48	97	-0.12	99	99	98	94
2019	628	-44	104	8521	81	101	14841	31	98	8900	12.2	99	8361	-1	102	8364	15	101	3151	1.18	105	-0.39	97	-0.07	100	102	99	96
2020	636	-47	106	8817	82	101	15894	32	98	9374	12.6	100	8824	-2	102	8827	15	101	4040	0.99	103	-0.16	99	-0.15	99	103	99	97
2021	664	-42	104	8962	85	102	16262	33	99	9619	12.9	100	9225	-2	101	9224	15	102	3802	1.06	104	-0.08	99	-0.26	98	104	100	99
2022	728	-45	105	8922	88	103	16330	34	99	9815	13.3	101	9649	-2	101	9652	15	102	4279	1.15	105	0.12	101	-0.06	100	106	101	101
2023	763	-44	105	8756	89	103	16099	35	100	9659	13.7	102	9747	-3	100	9738	15	102	4124	1.24	106	0.19	101	-0.12	99	106	102	102
2024	819	-45	105	8536	91	103	15016	36	100	9096	13.9	102	9252	-3	100	9163	15	102	4523	1.20	105	0.17	101	0.04	101	107	102	103
2025	275	-47	106	2273	101	106	3838	36	100	2180	15.2	104	2332	-2	101	2295	17	104	1477	1.23	106	0.45	103	-0.04	100	109	105	106
2026																												

Sires

Bull			Selection Values									Birth			Wean				Grwth & Adaptation					Fertility				Raam		Carcass			Progeny			
Index EBV Acc	Genomic	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Weaner Calf V	Growth Value	Prod. Value	Carcass V	Cow wt brth	Birth wt	Cow-Calf birth	Cow wt wean	Wean wt	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling	Nr measured		
ID Comp.nr																																		Birth	Wean	Grwth Test
ABB 180009 87150140		ABB 130201 ABB 140165	104 95	102 96	84 89	101 89	107 88	99 85	95 94	113 90	101 86	105 91	88 8	100 0.98	117 -3.9	98 89	102 16.0	84 -1.3	89 46	100 24.5	111 120	73 -30	88 -18	107 0.73	100 12.9	117 -18.2	105 -1.3	95 28.1	98 -5	96 9.8	83 -1.05	80 -3.16	83 -1.50	100 24	92 5	5
AG 170012 84956374		AG 110192 AG 120105	80 95	138 96	94 91	83 92	113 89	127 86	134 94	117 88	127 86	141 88	125 57	63 4.82	92 -0.5	119 50	138 35.0	94 1.9	118 116	129 51.6	119 149	96 25	108 -49	136 2.34	147 40.9	106 -12.1	101 -0.6	119 43.4	97 -5	116 28.1	130 3.62	143 6.84	114 1.11	78 8	69 18	29
AG 170222 85910321		BBP 130257 AG 130454	88 94	120 94	100 89	89 89	91 87	105 84	117 92	121 86	109 84	129 86	115 43	84 2.63	106 -2.4	111 38	120 25.3	100 3.6	111 100	118 41.3	123 164	122 89	113 -57	127 1.82	125 27.5	93 -4.8	85 2.1	112 39.0	117 11	124 35.3	143 5.02	115 2.47	111 0.83	41 7	33 8	8
CEF 170580 86239175		CEF 130317 CEF 110081	113 84	116 84	75 75	90 74	124 58	120 70	108 81	132 62	124 68	122 70	107 33	110 -0.09	116 -3.8	111 38	116 23.4	75 -3.9	88 45	121 44.3	130 190	117 75	120 -69	96 0.12	90 6.7	118 -18.9	117 -3.5	109 37.3	115 9	121 31.9	107 1.35	108 1.23	110 0.81	16 3	11 5	13
CSW 130253 79441853		CSW 090137 CSW 100007	89 97	125 98	88 90	83 90	90 70	102 83	117 95	123 74	106 81	117 88	130 64	85 2.60	110 -2.9	120 51	125 27.8	88 0.0	102 77	124 47.2	121 158	108 55	110 -53	94 -0.03	91 7.2	85 -0.3	88 1.7	109 37.0	115 9	121 32.6	129 3.59	56 -6.91	72 -2.47	307 38	225 30	84
HLF 150018 81497927		ADV 110007 HLF 120059	108 72	97 63	101 56	110 58	86 42	97 54	102 62	90 45	94 52	87 42	86 4	107 0.26	102 -1.8	89 6	97 13.5	101 3.9	105 84	93 18.0	90 40	96 26	90 -21	116 1.19	103 14.5	86 -0.8	93 0.8	100 31.2	72 -25	77 -7.1	98 0.49	85 -2.35	75 -2.16	2 1	1 1	1
JRB 110107 72983091		JRB 060014 JRB 030098	105 95	87 95	126 91	111 91	130 88	121 85	101 94	92 84	116 85	83 83	88 7	105 0.43	96 -1.1	96 3	87 8.5	126 11.4	119 118	98 22.4	95 59	102 41	94 -27	62 -1.78	91 7.6	127 -23.6	136 -6.8	93 26.9	104 0	88 3.3	84 -0.93	91 -1.31	93 -0.65	65 1	57 16	56
JRP 130005 76920990		LAR 070055 JRP 090026	87 93	94 94	84 86	129 85	77 68	75 80	89 91	55 66	67 77	71 48	81 -2	90 2.04	70 2.4	76 -13	94 11.7	84 -1.1	93 57	84 9.3	70 -36	77 -20	88 -16	64 -1.68	96 10.1	90 -3.1	80 3.0	85 22.4	77 -22	80 -3.9	109 1.54	61 -6.17	96 -0.41	74 37	72 17	61
LAR 210400 92886324		LAR 170292 LAR 130049	117 90	98 95	91 68	116 60	106 47	110 70	104 85	97 50	107 66	91 52	87 6	112 -0.26	115 -3.5	85 0	98 14.1	91 0.8	98 69	97 22.1	98 73	93 19	95 -28	101 0.38	93 8.4	109 -14.0	86 2.1	129 49.4	75 -23	84 -0.4	117 2.34	80 -3.12	118 1.47	127 1	96 30	
VVB 100359 71949838		BBM 050050 VVB 060071	99 93	114 93	46 88	100 88	90 86	81 83	90 91	105 84	83 83	103 83	86 5	94 1.63	109 -2.8	102 24	114 22.5	46 -12.6	67 -6	105 29.6	102 85	85 0	108 -49	107 0.73	101 13.6	88 -2.2	108 -2.0	83 20.7	111 5	108 20.3	111 1.73	109 1.47	115 1.16	41 6	30 4	16

Growth Tests

Animal					Weight		Conformation				Growth & Efficiency					Carcass			
Test Code	Sex	Test number	Sire ID	Cow Value	Wean dir	End-wt	Length	Height	Length/Height	Scrotum	Intake	ADG	FCR	Veld Growth	Growth Value	EMA Eye muscle Area	Fat	Marbling	Carcass Value
Test Station		ID	Dam ID																
201702 D11 M BRISTOW BONSMARA		0608114BON																	
		JRB 160102	VVB 100359	86	115	96	95	100	94	83	107	92	93	69	93	106	102	101	95
		83818088	JRB 050056	57	71	23	9	-3	1.14	2.8	0.29	50	-26	-40	42	1.25	0.32	0.00	28
202101 D11 M SCHEEPERS		0357748BON																	
		CEF 200340	CEF 170580	105	99	109	109	111	94	101	90	118	117	97	119	80	126	87	114
		90122573	CEF 170276	68	94	34	21	6	1.14	13.0	0.59	148	-64	28	56	-1.32	4.13	-1.18	78
202102 D11 M REVELAS BONSMARAS		0574979BON																	
		REV 200077	CSW 130253	89	105	112	120	123	91	80	88	117	112	109	116	113	97	97	112
		90264870	REV 120011	57	70	37	32	15	1.13	0.8	0.64	141	-57	56	48	2.02	-0.45	-0.31	63
202303 D11 M LEONLIZA BONSMARAS		0680852BON																	
		HP 220187	ABB 180009	101	106	104	101	97	106	111	92	102	95	97	99	97	96	79	103
		94180692	FCT 110081	56	72	30	14	-5	1.17	19.1	0.56	87	-29	27	54	0.37	-0.57	-1.81	50

Breeding Values and Accuracies: Bulls

Inbreeding in red is high

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

Animal				Selection Value										Birth			Wean				Growth & Adaptation					Fertility				Frame		Carcass		
ID Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -brth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean wt	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thickn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
			Sire ID Dam ID																															
JRB 160102 83818088	4	VVB 100359 JRB 050056		90 71	115 71	70 58	98 55	86 42	86 57	99 67	93 42	85 54	95 28	89 9	87 2.31	102 -1.8	102 24	115 22.6	70 -5.4	87 42	104 28.0	92 50	69 -40	93 -26	109 0.8	83 2.8	85 -0.4	100 -0.4	90 25.3	100 -3	95 9	106 1.25	102 0.32	101 0.00
JRB 160216 84581255	3	JRB 110107 JRB 130016		110 71	94 71	121 60	105 58	121 44	121 57	106 67	98 29	118 51	90 26	84 2	110 0.01	103 -2.0	92 11	94 11.8	121 10.1	117 115	98 23.0	100 79	104 45	106 -46	75 -1.0	101 13.4	116 -17.6	125 -4.9	99 30.8	109 4	100 14	94 0.07	90 -1.60	98 -0.28
FTB 180002 86837945	4	HLF 150018 WVZ 120127		108 69	95 57	118 48	106 47	84 35	101 48	106 56	91 34	97 45	96 32	97 19	110 -0.03	98 -1.2	92 9	95 12.5	118 8.9	116 111	93 17.8	92 48	95 24	100 -37	111 0.9	94 9.1	92 -4.5	86 2.0	97 29.7	92 -10	94 8	96 0.30	103 0.48	95 -0.53
CEF 200340 90122573	1	CEF 170580 CEF 170276		109 88	99 94	86 64	100 53	117 45	105 68	93 82	119 56	108 66	114 78	96 19	109 0.04	105 -2.3	99 21	99 14.6	86 -0.7	87 43	105 29.5	118 148	97 28	117 -64	115 1.2	101 13.0	129 -24.9	101 -0.6	103 33.3	111 6	109 21	80 -1.32	126 4.13	87 -1.18
REV 200077 90264870	3	CSW 130253 REV 120011		88 72	105 70	99 60	85 59	95 42	89 57	95 67	116 48	93 55	112 63	121 52	85 2.51	105 -2.2	116 46	105 17.6	99 3.3	95 62	108 32.3	117 141	109 56	112 -57	79 -0.8	80 0.8	88 -2.1	95 0.4	107 36.0	123 15	120 32	113 2.02	97 -0.45	97 -0.31
AG 220441 94194032	3	AG 170222 AG 170173		96 69	111 71	100 53	100 53	87 38	102 55	112 65	112 28	103 50	116 30	103 28	94 1.66	103 -1.9	98 19	111 20.7	100 3.7	111 100	110 34.1	113 129	110 59	107 -48	111 0.9	112 20.1	86 -0.9	83 2.5	113 39.9	108 3	107 20	126 3.23	112 2.00	106 0.41
AG 220785 94425451	5	AG 170012 AG 140357		76 71	118 72	102 58	89 56	102 42	105 57	111 67	110 32	105 52	121 36	116 45	74 3.73	85 0.4	111 38	118 24.6	102 4.2	112 102	116 39.7	111 120	113 67	111 -54	108 0.8	135 33.2	94 -5.3	98 -0.1	116 41.4	93 -9	104 17	114 2.10	135 5.52	110 0.80
HP 220187 94180692	1	ABB 180009 FCT 110081		102 71	106 72	94 57	95 53	98 42	101 56	103 67	99 54	100 56	103 50	100 23	97 1.29	115 -3.6	104 28	106 18.2	94 1.9	99 70	106 29.8	102 87	97 27	95 -29	118 1.3	111 19.1	102 -9.6	97 0.1	101 31.9	97 -5	101 14	97 0.37	96 -0.57	79 -1.81

Breeding Values and Accuracies: Cows & Heifers

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

Animal				Selection Values											Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass		
ID Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thickn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling	
			Sire ID Dam ID																																
LAR 170131 85905214	1	JRP 130005 LAR 080329		68 77	103 76	117 76	101 74	85 50	86 65	98 76	86 42	84 60	95 30	103 27 41	72 3.95 79	46 5.6 75	97 17 74	103 16.8 76	117 8.7 76	120 121 75	100 24.7 74	96 64 56	80 -13 24	102 -40 26	92 -0.1 64	108 17.5 62	95 -6.0 53	84 2.3 34	93 27.2 64	112 7 61	108 21 57	109 1.61 30	77 -3.58 31	101 -0.01 30	
AMU 250059 6020141971	4	LAR 210400 LAR 170131		88 59	101 61	104 51	107 48	95 35	95 48	99 57	92 32	93 45	93 30	95 16 29	92 1.84 62	79 1.3 52	91 8 48	101 15.4 61	104 4.8 51	109 96 53	99 23.4 50	97 68 43	87 3 17	98 -34 19	96 0.1 51	100 13.0 49	102 -10.0 37	85 2.2 23	111 38.3 45	94 -8 48	96 10 44	113 1.98 29	79 -3.35 31	110 0.73 30	

Selection List on Cow Value

Bulls 2 years and older

ID	Name	Sire ID	Dam ID	Visual Score	% Inbreeding	Horned / Polled	Myostatin	Genomic test	Calving Ease Value	Calf Growth Value	Milk Value	Maint. Value	Fertility Value	Cow Value	Weaner Calf Value	Growth Value	Prod Value	Carcass Value										
Sorted on ID							Q204X nt821 F94L		Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc										
				<i>Italics: DNA Test</i>																								
									★★★★☆																			
1	JRB 160216	JRB160216	JRB 110107	JRB 130016	6	2.6			110	71	94	71	121	60	105	58	121	44	121	57	106	67	98	29	118	51	90	26
									★★★★☆																			
1	AG 220441	AG220441	AG 170222	AG 170173	6	3.3	0		96	69	111	71	100	53	100	53	87	38	102	55	112	65	112	28	103	50	116	30
2	AG 220785	AG220785	AG 170012	AG 140357	6	4.8	0		76	71	118	72	102	58	89	56	102	42	105	57	111	67	110	32	105	52	121	36
3	CEF 200340	CEF200340	CEF 170580	CEF 170276	7	1.5	0	0	109	88	99	94	86	64	100	53	117	45	105	68	93	82	119	56	108	66	114	78
4	FTB 180002	FTB 180002	HLF 150018	WVZ 120127	7	4.2	0	0	108	69	95	57	118	48	106	47	84	35	101	48	106	56	91	34	97	45	96	32
5	HP 220187	HP220187	ABB 180009	FCT 110081	7	1.3	0	0	102	71	106	72	94	57	95	53	98	42	101	56	103	67	99	54	100	56	103	50
									★★★☆☆																			
1	JRB 160102	JRB160102	VVB 100359	JRB 050056	7	4.3			90	71	115	71	70	58	98	55	86	42	86	57	99	67	93	42	85	54	95	28
2	REV 200077	REV200077	CSW 130253	REV 120011	7	2.7			88	72	105	70	99	60	85	59	95	42	89	57	95	67	116	48	93	55	112	63

Selection List on Cow Value

Cows 2 years and older

ID	Name	Sire ID	Dam ID	Visual Score	% Inbreeding	Horned / Polled	Myostatin			Genomic test	Calving Ease Value	Calf Growth Value	Milk Value	Maint. Value	Fertility Value	Cow Value	Weaner Calf Value	Growth Value	Prod Value	Carcass Value										
							Q204X	nt821	F94L																					
							<i>Italics: DNA Test</i>																							
Sorted on ID											Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc										
										★ ★ ★																				
1	LAR 170131	LAR170131	JRP 130005	LAR 080329	7	1.3					68	77	103	76	117	76	101	74	85	50	86	65	98	76	86	42	84	60	95	30



Selection List on Cow Value

Heifers younger than 2 years

ID	Name	Sire ID	Dam ID	Visual Score	% Inbreeding	Horned / Polled	Myostatin			Genomic test	Calving Ease Value	Calf Growth Value	Milk Value	Maint. Value	Fertility Value	Cow Value	Weaner Calf Value	Growth Value	Prod Value	Carcass Value										
							Q204X	nt821	F94L																					
							<i>Italics: DNA Test</i>																							
Sorted on ID										Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc											
										★★★★																				
1	AMU 250059	AMU 250059	LAR 210400	LAR 170131	7	3.5					88	59	101	61	104	51	107	48	95	35	95	48	99	57	92	32	93	45	93	30



