

BONSMARA

GENOMIC BREEDING VALUE REPORT

September 2026



MASIU BONSMARA

Herd Number: 718530

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EBVs, EBVi's and GEBVs

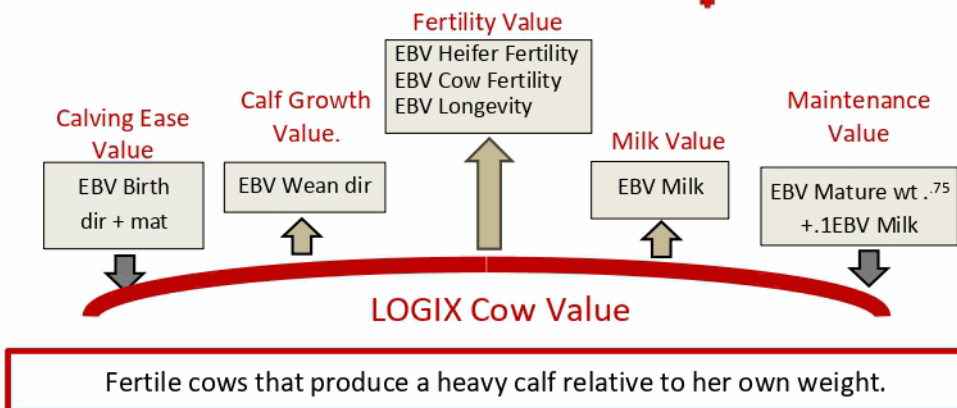
EBVi (Breeding Value Index): Genetic potential relative to the average (100) of the live (active) animals in the breed. Roughly 50% of the animals have values between 90 and 110. Values above 100, depending on the trait, tend to be in the more favourable direction.

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



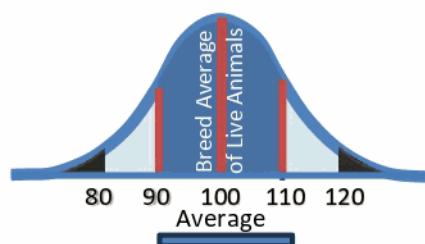
Select for more meat on the carcass as measured from end weight in Phase C and D Growth Tests and RTU scanning.

LOGIX Production Value



80% LOGIX Cow Value +
20% LOGIX Growth Value

Interpretation of EBVi and Selection Values

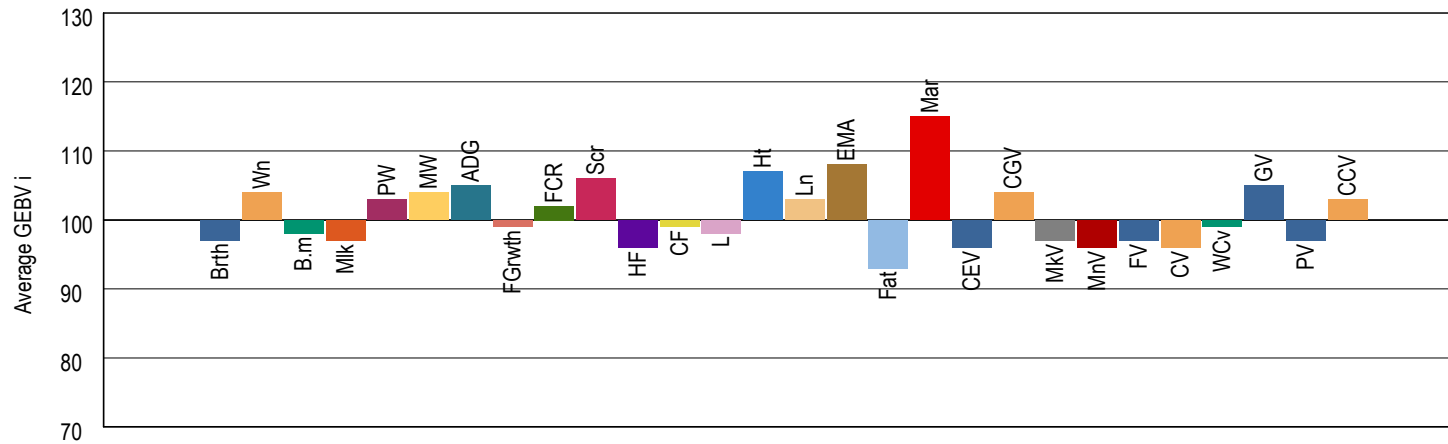


Examples

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

	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
Fertility	Scrotal Circumference	Scrotal circumference in growth test	Fertile bulls	Less	More
	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
Milk:	Milk	LL:	Longevity
PW:	Post-wean weight	Ht:	Height
MW:	Mature weight	Ln:	Length
ADG:	Average Daily Gain	EMA:	Eye Muscle
FGRwth	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	1.31	97	0.98
	Wean Weight	17.0	104	14.9
	Birth Mat.	-0.22	98	-0.28
	Milk (Wn.Mat.)	2.9	97	3.7
Postwean Growth	Postwean Wt	28	103	25
	Mature Weight	28	104	22
	ADG	98	105	79
	VeldGrowth	33	99	35
	FCR	-39	102	-37
Fertility	Scrotal Circumf.	16	106	13
	Heifer Fertility	-6.5	96	-9.1
	Cow Fertility	-0.47	99	-0.56
	Longevity	30.6	98	31.8
Frame	Height	2.5	107	-3.1
	Length	16.6	103	13.6
Carcass	EMA	1.474	108	0.683
	Fat	-1.092	93	0.055
	Marbling	1.235	115	-0.056

Selection Value	Ave. Herd
Calving Ease	96
Calf Growth	104
Milk	97
Maintenance	96
Fertility	97
Cow Value	96
Weaner Calf Value	99
Growth Value	105
Production Value	97
Carcass Value	103

- 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 2010 and earlier

Total:

130
120
110
100
90
80
70

130
120
110
100
90
80
70

Cow Herd

Cows born in 2010 and earlier

Total:

Cows older than 6 years

Cows born in 2004 and earlier

Total:

Sires of young animals

Sires of animals 3 years and younger

Total:

130
120
110
100
90
80
70

130
120
110
100
90
80
70

Bull calves

Bulls born in 2010

Total:

130
120
110
100
90
80
70

130
120
110
100
90
80
70

Heifer calves

Heifers born in 2010

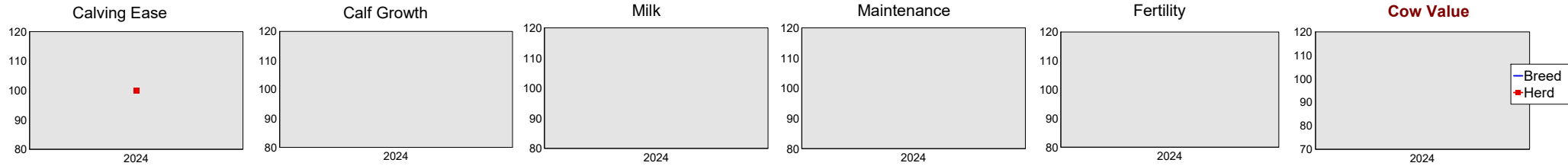
Total:

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	99	100	100	100	99	100	100	100	100	100	100	101
2014	3	★★★★	100	98	92	95	105	92	102	93	99	98	101	92	100	105	100	95	88	113	109	85	115	103
2015	4																							
2016	9	★★★★	102	100	95	105	100	98	99	98	101	100	119	95	100	93	94	97	93	89	104	111	100	99
2019	7	★★★★	81	113	97	88	97	96	115	99	83	113	89	97	110	114	115	108	99	99	95	104	110	109
2020	9	★★★★	90	108	89	94	95	91	106	93	87	108	112	89	108	107	112	109	115	87	103	100	113	106
2021	16	★★★★	93	107	103	94	95	97	105	97	94	107	94	103	107	106	109	106	117	96	96	99	113	108
2024	4		97	97	109	94	101				99	97	93	109	97	104	90	88	106	104	114	77	103	99
Cows in Herd Average:			94	104	98	95	99	95	105	96	94	104	101	98	104	105	103	102	103	98	104	96	109	104

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.



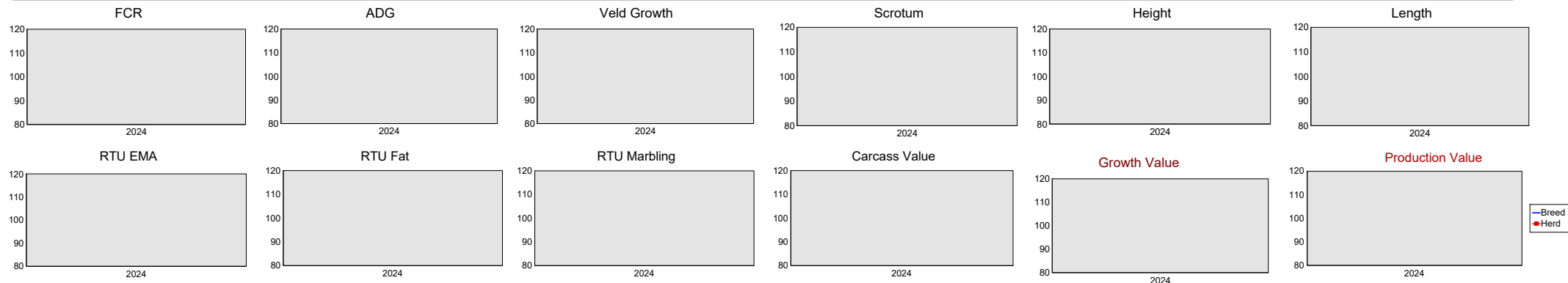
Herd

Birth Year	Calving Ease				Calf Growth			Milk		Maintenance				Fertility				Cow Value
	Birth Weight		Dir	Mat	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	
2024	7	0.79	0.06	100														

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	Number	EBV	Number	EBV		Number	EBV	Number	EBV	Number	EBV		Number	EBV	
2016	43617	1.05	-0.23	99	35930	13.3	97	35930	2.85	97	25541	22.8	6538	22	102	8135	-6.1	6285	-0.1	45540	22.9	92	90	
2017	45336	1.08	-0.23	99	37532	13.8	98	37532	3.03	98	26133	23.7	6680	22	101	8519	-6.4	6592	-0.1	46660	23.8	93	91	
2018	43028	1.06	-0.27	99	35840	13.9	98	35840	3.04	98	24987	23.8	6623	22	102	7937	-6.4	6328	-0.1	44031	24.5	93	92	
2019	43014	1.07	-0.28	99	35189	14.5	99	35189	3.04	98	24710	24.8	6812	23	101	8176	-6.8	6640	-0.1	43352	25.5	95	94	
2020	43065	1.04	-0.30	100	35848	14.6	99	35848	3.04	98	26199	24.9	7381	23	101	8576	-7.8	6880	-0.3	43333	26.4	97	95	
2021	43188	1.01	-0.32	100	35942	14.9	100	35942	3.09	98	26572	25.7	6849	23	101	8460	-7.8	5964	-0.3	40244	27.4	98	97	
2022	43262	0.99	-0.31	100	36541	15.2	100	36541	3.28	99	26872	26.2	5981	24	100	8283	-8.2	2919	-0.6	15061	27.5	99	98	
2023	44407	0.96	-0.32	100	37320	15.2	100	37320	3.39	99	26594	26.3	1929	23	100	4872	-9.2	139	-1.0			102	100	
2024	42942	0.89	-0.31	101	35829	15.3	101	35829	3.50	99	25736	26.4	7	26	100	297	-10.2					104	101	
2025	44477	0.89	-0.31	101	33314	15.6	101	33314	3.60	100	7717	28.2			98									102
2026	15472	0.86	-0.27	101	1023	13.9	98	1023	4.09	101														99

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			
2024																												

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	16297	29	97	9041	11.6	98	8541	0	104	8457	14	101	3129	0.61	99	-0.38	97	-0.09	100	99	97	93
2018	628	-41	103	8227	78	100	15438	30	97	8717	11.7	98	7978	-1	103	7980	14	101	2986	0.81	101	-0.47	97	-0.11	99	99	98	94
2019	628	-44	104	8521	81	100	14895	31	98	8900	12.2	99	8361	-1	102	8364	15	101	3151	1.17	105	-0.38	97	-0.07	100	102	99	96
2020	636	-47	106	8817	82	101	15919	32	98	9374	12.6	100	8824	-2	102	8827	15	101	4040	0.98	103	-0.15	99	-0.14	99	102	99	97
2021	664	-43	104	8962	85	101	16263	33	99	9619	12.9	100	9225	-2	101	9224	15	101	3802	1.05	104	-0.07	99	-0.26	98	104	100	99
2022	728	-46	105	8922	88	102	16338	34	99	9812	13.3	101	9649	-2	101	9652	15	102	4279	1.15	105	0.13	100	-0.06	100	105	101	101
2023	763	-44	105	8756	90	103	16158	35	100	9664	13.7	102	9747	-3	100	9738	15	102	4124	1.23	106	0.19	101	-0.11	99	106	102	102
2024	819	-45	105	8610	91	103	15494	36	100	9152	14.0	102	9273	-3	100	9184	15	102	4523	1.21	105	0.20	101	0.04	101	107	102	103
2025	363	-46	106	2908	102	106	4501	36	100	2815	15.1	104	3087	-2	101	3050	17	104	1816	1.24	106	0.47	103	-0.01	101	109	105	106
2026																												

Sires

Bull				Selection Values									Birth			Wean				Grwth & Adaptation					Fertility				Raam		Carcass			Progeny			
Index EBV Acc	ID	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 Thickn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling	Nr measured		
																																			Birth	Wean	
Comp.nr																																				Grwth Test	Dght & clvs (Weaned)
DKN 090345 70987144	GJN 030098 DKN 040054			111	108	89	90	47	76	104	118	82	116	104	107	118	110	108	89	93	110	121	87	107	99	97	36	84	77	108	101	121	137	99	149	120	
				96	96	92	91	75	83	95	92	85	90	29	0.29	-3.9	37	19.3	0.4	57	34.0	157	5	-49	0.25	11.2	27.7	2.2	18.2	3	14.6	2.82	5.86	-0.14	45	34	142
FUZ 170109 86005154	LMR 080188 FUZ 130096			91	96	107	102	113	101	94	96	99	97	96	92	88	96	96	107	105	100	96	105	84	87	101	115	104	114	87	97	111	98	120	64	49	
				90	92	77	81	58	75	88	60	72	72	17	1.77	0.0	15	12.8	5.9	85	25.0	64	48	-10	-0.42	13.4	-17.9	-1.2	40.0	-14	10.9	1.80	-0.26	1.62	15	16	20
LMR 160082 83447391	FCT 120053 LMR 110245			129	100	66	119	75	90	99	88	87	92	80	129	140	85	100	66	77	93	89	84	92	80	125	75	91	87	73	82	99	85	107	195	169	
				95	97	86	87	67	81	93	70	79	53	-3	-2.05	-7.0	-1	15.1	-6.8	18	19.2	39	-4	-23	-0.78	27.6	5.4	1.0	23.7	-25	-1.9	0.60	-2.34	0.55	46	27	46
NFS 160297 84881291	 GJN 130316 ZVJ 110128			77	114	104	89	85	92	106	114	96	120	113	76	87	111	114	104	110	114	117	84	116	60	138	98	85	94	123	114	117	103	144			
				91	91	89	89	88	83	90	90	84	90	40	3.49	0.1	38	22.4	5.0	98	37.8	143	-3	-63	-1.87	35.6	-8.2	2.1	28.4	15	26.3	2.42	0.55	3.65			
NFS 170105 85587954	 NFS 140154 NFS 090078			111	109	73	101	83	92	102	95	91	104	100	106	116	98	109	73	86	104	100	101	95	112	103	67	99	100	101	107	113	104	71	125	123	
				96	97	92	93	90	87	95	91	88	90	23	0.34	-3.7	20	19.9	-4.6	40	28.6	81	38	-29	1.00	14.3	9.9	-0.4	32.0	-2	19.5	1.93	0.68	-2.50	26	23	43

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																
202001 D11 M		0683481BON																	
SPRINGBOKSPRUIT		JH 200042	LMR 160082	98	112	99	96	87	118	114	101	107	110	85	101	105	101	105	105
BONSMARAS		90181363	THE 120154	69	93	25	10	-14	1.20	21.3	0.41	107	-53	-1	55	1.13	0.14	0.36	33
						80	76	83	80	84	30	75	30	22		32	34	32	
202301 D11 M		0600512BON																	
MPOLA TRUST		ABM 220008	FUZ 170109	107	93	102	99	96	105	92	89	97	85	112	101	104	109	127	108
		93688471	LMR 120115	57	73	28	12	-6	1.17	8.2	0.61	67	-12	65	46	1.08	1.43	2.27	61
						68	64	72	68	74	23	63	23	15		57	65	58	

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	Inbreeding	Genomic	Index	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	
Animal no	%	Parentage	Sire ID Dam ID																																
JFE 170077	1	DKN 090345		137	90	90	111	74	92	97	105	93	100	86	135	122	88	90	90	88	93	103	90	99	94	93	76	89	87	94	87	110	123	107	
86097649		JFE 140116		86	89	67	69	55	70	82	60	68	54	5	-2.66	-4.6	5	9.6	0.7	43	19.2	92	12	-35	0.0	8.5	4.6	1.3	23.8	-8	2	1.70	3.72	0.57	
														51	92	74	69	89	67	75	76	65	20	50	78	75	57	32	75	72	66	52	56	53	
JH 200042	1	LMR 160082		97	112	76	102	98	98	103	101	98	105	95	96	121	97	112	76	92	100	107	85	110	56	114	104	96	102	87	96	105	101	105	
90181363		THE 120154		88	93	66	58	50	69	83	55	66	33	17	1.42	-4.4	18	21.6	-3.7	54	25.3	107	-1	-53	-2.1	21.3	-11.2	0.1	33.3	-14	10	1.13	0.14	0.36	
														40	94	72	58	93	66	72	82	75	22	30	87	84	56	29	66	83	76	32	34	32	
ABM 220008	2	FUZ 170109		107	93	112	96	114	107	95	101	105	108	101	110	99	102	93	112	102	100	97	112	85	103	92	106	111	114	96	99	104	109	127	
93688471		LMR 120115		72	73	58	55	41	57	68	46	55	61	25	-0.04	-1.4	25	11.0	7.5	79	24.6	67	65	-12	0.5	8.2	-12.5	-2.5	40.5	-6	12	1.08	1.43	2.27	
														32	76	62	55	73	58	62	64	63	15	23	78	74	44	24	56	72	64	57	65	58	
OJN 240002		OJN 210013		115										115														73							
99013005				48										-0.64														15.3							
														56														7							
OJN 240005		OJN 210010		96										98														73							
99013039				48										1.17														15.3							
														56														7							
OJN 240007		OJN 210001		100	89	104	105	107					87	95	103	89	93	89	104	97	87	86	84	82	88	106	108	122	76	98	90	95	95	112	
99013054				49	17	13	12	11					15	17	0.66	-0.1	12	9.0	5.0	65	13.3	25	-3	-8	-0.3	16.5	-13.6	-4.4	17.6	-4	5	0.15	-0.70	0.94	
														12	57	30	12	17	13	14	14	15	6	15	19	18	10	6	18	17	15	14	16	14	

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 Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
			Sire ID Dam ID																															
OJN 140187 98228919				86 84	103 83	81 83	97 83	117 82	93 76	87 83	103 82	94 77	98 82	99 22	84 2.67	97 -1.1	103 26	103 16.7	81 -2.0	86 39	104 28.4	100 80	105 49	93 -25	83 -0.6	90 7.1	129 -25.5	114 -3.0	89 25.4	114 8	103 16	121 2.79	72 -4.39	119 1.54
OJN 140250 98228901				113 82	92 82	103 82	93 81	92 81	91 75	90 82	101 80	91 76	96 81	102 26	114 -0.44	108 -2.7	106 31	92 10.4	103 4.6	92 53	95 20.8	100 79	92 18	97 -31	122 1.5	85 4.0	96 -6.5	103 -1.1	81 20.1	115 9	102 16	103 1.00	96 -0.57	102 0.14
OJN 160060 98229024				111 84	98 84	95 83	103 83	95 82	98 77	98 84	105 82	99 78	100 82	97 19	111 -0.14	106 -2.3	95 15	98 13.9	95 2.2	96 64	101 26.3	97 70	106 50	96 -29	128 1.9	92 8.0	86 -1.1	99 -0.3	109 37.2	103 -1	98 12	101 0.79	94 -0.82	115 1.25
OJN 160092 98228950				92 84	102 84	95 83	107 83	104 82	98 77	98 84	92 82	96 78	93 82	96 18	91 1.90	119 -4.2	91 9	102 15.9	95 2.2	102 78	99 24.0	90 43	97 28	97 -32	96 0.1	93 8.5	91 -3.9	108 -1.9	113 39.4	97 -5	100 14	99 0.57	84 -2.46	121 1.75
OJN 190018 98229198				87 83	105 82	100 82	90 81	124 81	107 75	97 82	109 81	107 76	105 81	109 36	85 2.52	100 -1.6	110 37	105 17.9	100 3.6	99 72	101 26.1	110 117	88 7	99 -35	91 -0.2	111 19.3	115 -17.5	126 -5.2	102 33.3	94 -8	98 12	124 3.12	93 -1.05	92 -0.76
OJN 190054 98229206				88 83	111 83	80 82	99 82	89 82	88 76	98 83	105 82	89 77	97 82	100 24	85 2.54	99 -1.5	101 23	111 20.6	80 -2.3	93 56	104 28.9	99 77	92 16	86 -13	117 1.3	83 2.7	105 -12.0	74 4.0	111 38.4	94 -8	92 7	112 1.93	75 -3.94	104 0.26
OJN 190068 98229180				69 84	124 84	111 84	75 83	79 83	94 77	117 84	132 82	101 78	118 83	134 69	79 3.12	75 1.8	130 66	124 27.5	111 7.2	113 106	126 48.3	135 212	113 67	140 -102	66 -1.5	103 14.5	78 3.6	85 2.1	98 30.4	141 30	138 47	109 1.58	65 -5.53	81 -1.66
OJN 200004 98229297		NFS 160297		94 85	101 84	95 83	104 83	101 83	95 77	97 84	86 84	92 78	91 83	93 13	91 1.95	99 -1.5	94 13	101 15.2	95 2.3	100 73	98 23.1	94 58	96 26	97 -31	83 -0.6	117 23.1	102 -10.1	104 -1.3	96 29.4	104 0	92 6	104 1.10	102 0.34	128 2.34
OJN 200006 98229305		NFS 170105		96 87	105 87	68 86	97 86	91 84	80 79	88 87	106 85	83 80	97 84	100 23	92 1.81	113 -3.4	104 28	105 17.9	68 -6.1	76 16	104 28.3	114 131	116 74	112 -56	87 -0.4	113 20.8	69 8.7	110 -2.4	102 33.1	114 8	108 21	93 0.02	106 1.04	72 -2.40
OJN 200009 98229248		NFS 160297		80 86	117 85	103 84	80 84	92 84	98 78	111 85	126 84	103 79	119 84	121 52	78 3.27	102 -1.9	123 56	117 24.1	103 4.5	105 86	123 45.7	129 190	120 85	118 -66	53 -2.3	116 22.5	89 -2.9	96 0.2	103 33.8	122 14	119 30	119 2.62	92 -1.17	144 3.65
OJN 210001 98229602		NFS 160297		88 86	100 85	110 84	101 84	104 84	99 78	98 85	96 84	98 79	101 84	100 23	93 1.66	80 1.1	97 18	100 14.7	110 6.9	110 98	97 22.3	101 83	77 -21	100 -37	85 -0.5	129 30.3	102 -10.1	107 -1.9	99 31.4	108 4	100 14	117 2.38	104 0.73	123 1.85
OJN 210003 98229479				96 83	99 82	106 82	105 81	97 81	99 75	100 82	87 81	95 76	100 81	94 15	99 1.10	89 -0.1	92 11	99 14.2	106 5.6	108 93	101 26.0	95 60	83 -5	86 -14	88 -0.4	101 13.6	88 -1.9	99 -0.4	110 37.9	97 -6	96 10	93 -0.06	85 -2.34	127 2.23

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 -brth	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																																
OJN 210004 98229487		NFS 160297		82 86	115 85	121 84	82 84	91 83	106 78	117 85	111 84	107 79	119 84	120 50 83	85 2.53 86	94 -0.8 85	119 51 84	115 23.2 85	121 10.1 84	119 120 84	117 39.9 84	110 116 84	98 31 83	110 -54 83	80 -0.8 85	129 30.2 85	94 -5.4 83	92 0.9 82	103 33.5 84	117 10 84	119 30 84	117 2.43 83	93 -1.05 84	135 2.93 83	
OJN 210006 98229495				92 25										97 1.30 23													92 26.9 14								
OJN 210007 98229503				104 25										105 0.42 23														92 26.9 14							
OJN 210008 98229529		NFS 160297		82 85	111 85	83 84	92 84	94 83	87 78	95 85	112 84	90 79	107 84	106 32 84	83 2.80 85	92 -0.5 84	108 34 84	111 21.1 85	83 -1.7 84	92 53 84	110 34.0 84	119 150 84	96 26 83	118 -66 84	60 -1.9 85	129 30.0 85	87 -1.4 83	103 -1.1 83	99 31.2 84	124 16 85	113 25 84	118 2.49 84	93 -1.06 84	124 2.01 84	
OJN 210010 98229537				97 25										100 0.96 23														92 26.9 14							
OJN 210011 98229545		NFS 160297		98 86	113 86	95 85	91 85	93 84	103 79	110 86	116 84	105 80	115 84	108 35 84	93 1.73 86	113 -3.3 85	108 34 85	113 21.9 86	95 2.2 85	103 81 85	116 39.5 86	116 139 85	109 59 84	104 -43 84	73 -1.2 86	94 9.0 85	101 -9.6 84	84 2.2 83	112 39.1 85	116 9 85	114 26 85	115 2.20 84	102 0.41 85	144 3.65 84	
OJN 210012 98229552		NFS 160297 OJN 160027		77 86	104 86	105 85	91 85	90 84	85 79	94 86	107 85	88 80	101 85	109 36 85	79 3.19 86	88 0.1 85	109 35 85	104 17.1 86	105 5.4 85	103 81 85	100 25.4 86	111 120 85	102 40 84	116 -63 85	70 -1.4 86	121 25.1 86	101 -9.7 84	89 1.3 84	97 30.3 85	113 7 85	107 20 85	111 1.74 85	74 -4.07 85	119 1.54 85	
OJN 210013 98229560				109 25										109 0.08 23														92 26.9 14							
OJN 240001 99012999		OJN 210007		108 48										109 0.05 56														73 15.3 7							
OJN 240003 99013013		OJN 210003		95 48										97 1.33 56														82 20.8 7							
OJN 240004 99013021		OJN 210006		89 48										92 1.86 56														73 15.3 7							
OJN 240006 99013047		OJN 210004		96 49	97 17	109 13	94 12	101 11					96 15	105 30 12	99 1.13 57	96 -1.0 30	104 28 12	97 13.4 17	109 6.6 13	103 80 14	97 22.2 14	90 41 15	95 23 6	88 -17 15	86 -0.5 19	106 16.4 18	104 -11.3 10	114 -3.0 6	78 18.6 18	103 -1 17	99 13 15	95 0.18 14	90 -1.59 16	118 1.49 14	

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									
							Q204X	nt821	F94L																				
							<i>Italics: DNA Test</i>																						
											★★★★☆																		
1	ABM 220008	ABM 220008	FUZ 170109	LMR 120115	6	1.6	0			107	72	93	73	112	58	96	55	114	41	107	57	95	68	101	46	105	55	108	61
											★★★★																		
1	JFE 170077	JFE 170077	DKN 090345	JFE 140116	7	1.0	0			137	86	90	89	90	67	111	69	74	55	92	70	97	82	105	60	93	68	100	54
2	JH 200042	JH200042	LMR 160082	THE 120154	8	1.4	1			97	88	112	93	76	66	102	58	98	50	98	69	103	83	101	55	98	66	105	33

Selection List on Cow Value

Cows 2 years and older

ID		Name	Sire ID	Dam ID	Visual Score	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					% Inbreeding		Q204X	nt821	F94L		Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc										
					Italics: DNA Test						★★★★★																			
1	OJN 190018	OJN 190018			0.0	HH(c)	1	0	0		87	83	105	82	100	82	90	81	124	81	107	75	97	82	109	81	107	76	105	81
2	OJN 210004	OJN 210004	NFS 160297		0.0	HH(c)	0	0	0		82	86	115	85	121	84	82	84	91	83	106	78	117	85	111	84	107	79	119	84
3	OJN 210011	OJN 210011	NFS 160297		0.0	HH(c)	0	0	0		98	86	113	86	95	85	91	85	93	84	103	79	110	86	116	84	105	80	115	84
											★★★★★																			
1	OJN 140187	OJN 140187			0.0	HH(c)	0	0	0		86	84	103	83	81	83	97	83	117	82	93	76	87	83	103	82	94	77	98	82
2	OJN 140250	OJN 140250			0.0	HH(c)	0	0	0		113	82	92	82	103	82	93	81	92	81	91	75	90	82	101	80	91	76	96	81
3	OJN 160060	OJN 160060			0.0	HH(c)	0	0	0		111	84	98	84	95	83	103	83	95	82	98	77	98	84	105	82	99	78	100	82
4	OJN 160092	OJN 160092			0.0	HH(c)	0	0	0		92	84	102	84	95	83	107	83	104	82	98	77	98	84	92	82	96	78	93	82
5	OJN 190068	OJN 190068			0.0	HH(c)	1	0	0		69	84	124	84	111	84	75	83	79	83	94	77	117	84	132	82	101	78	118	83
6	OJN 200004	OJN 200004	NFS 160297		0.0	HH(c)	0	0	0		94	85	101	84	95	83	104	83	101	83	95	77	97	84	86	84	92	78	91	83
7	OJN 200009	OJN 200009	NFS 160297		0.0	HH(c)	0	0	0		80	86	117	85	103	84	80	84	92	84	98	78	111	85	126	84	103	79	119	84
8	OJN 210001	OJN 210001	NFS 160297		0.0	HH(c)	0	0	0		88	86	100	85	110	84	101	84	104	84	99	78	98	85	96	84	98	79	101	84
9	OJN 210003	OJN 210003			0.0	HH(c)	1	0	0		96	83	99	82	106	82	105	81	97	81	99	75	100	82	87	81	95	76	100	81
											★★★★★																			
1	OJN 190054	OJN 190054			0.0	HH(c)	0	1	0		88	83	111	83	80	82	99	82	89	82	88	76	98	83	105	82	89	77	97	82
2	OJN 200006	OJN 200006	NFS 170105		0.0	HH(c)	0	0	0		96	87	105	87	68	86	97	86	91	84	80	79	88	87	106	85	83	80	97	84
3	OJN 210008	OJN 210008	NFS 160297		0.0	HH(c)	0	0	0		82	85	111	85	83	84	92	84	94	83	87	78	95	85	112	84	90	79	107	84
4	OJN 210012	OJN 210012	NFS 160297	OJN 160027	0.0	HH(c)	0	0	0		77	86	104	86	105	85	91	85	90	84	85	79	94	86	107	85	88	80	101	85

