

BONSMARA

GENOMIC BREEDING VALUE REPORT

September 2026



BAKERS BONSMARAS

Herd Number: 710350

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EBVs, EBVi's and GEBVs

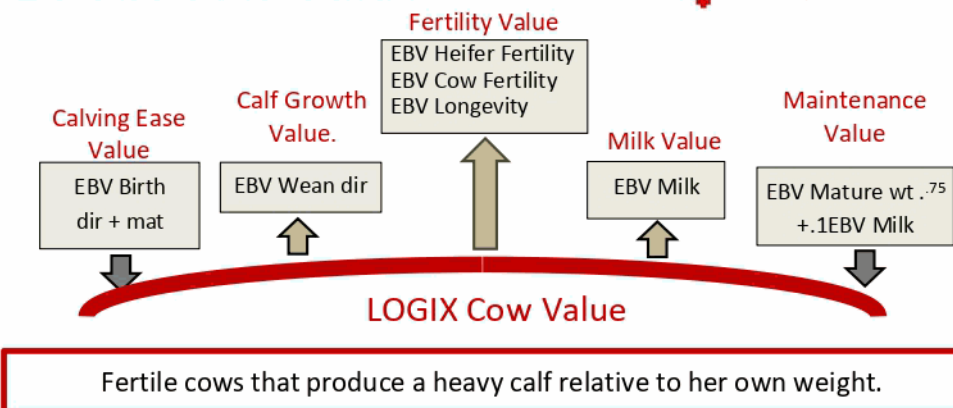
EBVi (Breeding Value Index): Genetic potential relative to the average (100) of the live (active) animals in the breed. Roughly 50% of the animals have values between 90 and 110. Values above 100, depending on the trait, tend to be in the more favourable direction.

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



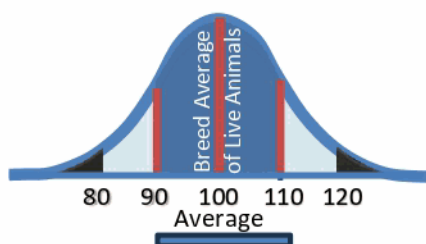
Select for more meat on the carcass as measured from end weight in Phase C and D Growth Tests and RTU scanning.

LOGIX Production Value



80% LOGIX Cow Value + 20% LOGIX Growth Value

Interpretation of EBVi and Selection Values

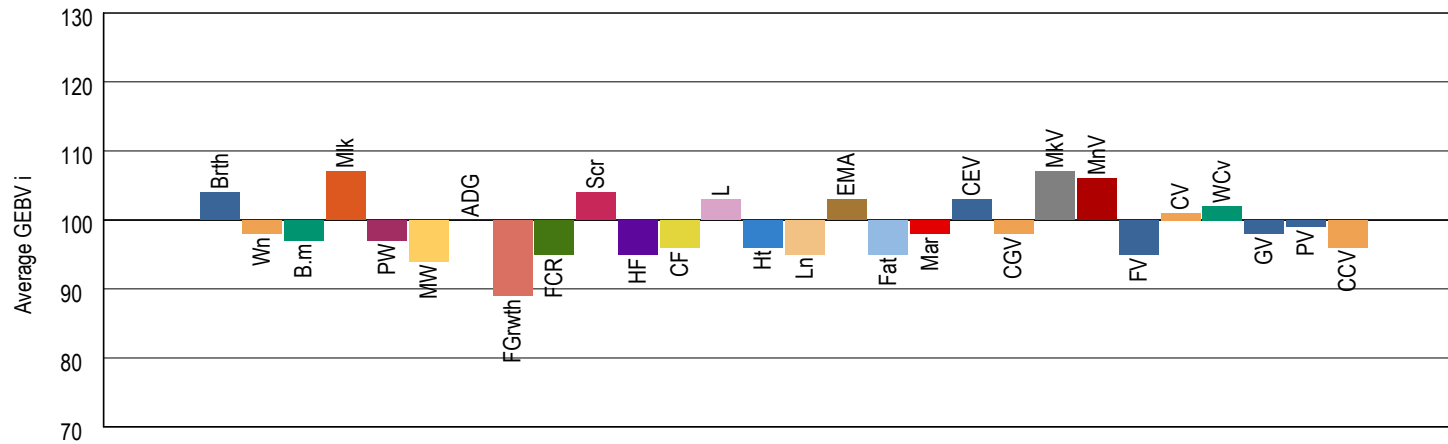


Examples

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
Mlk:	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	0.57	104	0.98
	Wean Weight	13.7	98	14.9
	Birth Mat.	-0.17	97	-0.28
	Milk (Wn.Mat.)	5.9	107	3.7
Postwean Growth	Postwean Wt	22	97	25
	Mature Weight	14	94	22
	ADG	79	100	79
	VeldGrowth	10	89	35
	FCR	-28	95	-37
Fertility	Scrotal Circumf.	15	104	13
	Heifer Fertility	-6.0	95	-9.1
	Cow Fertility	0.23	96	-0.56
	Longevity	33.6	103	31.8
Frame	Height	-6.5	96	-3.1
	Length	9.0	95	13.6
Carcass	EMA	0.967	103	0.683
	Fat	-0.775	95	0.055
	Marbling	-0.258	98	-0.056

Selection Value	Ave. Herd
Calving Ease	103
Calf Growth	98
Milk	107
Maintenance	106
Fertility	95
Cow Value	101
Weaner Calf Value	102
Growth Value	98
Production Value	99
Carcass Value	96

- 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?:

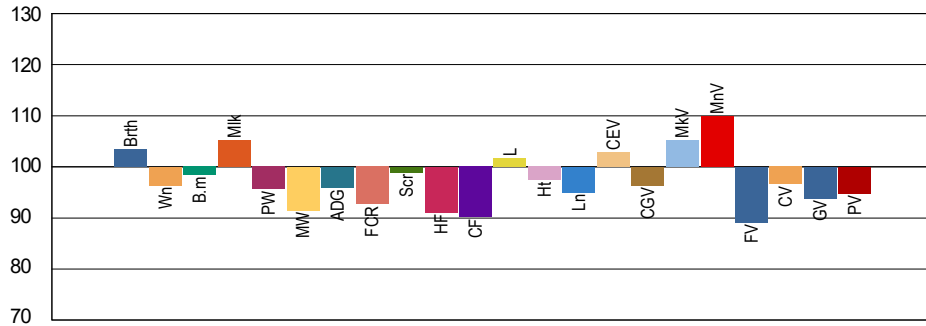
Calving ease:	Smaller calf at birth - easier calving
Calf growth:	Heavier calves at wean due to growth potential of the calf
Milk:	Cows with more milk and better mothering ability
Maintenance:	Animals with low maintenance requirements (lower mature weight).
Fertility:	Cows/daughters that calve earlier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

Genetic Windows

Bulls on the farm

Bulls born in 2023 and earlier

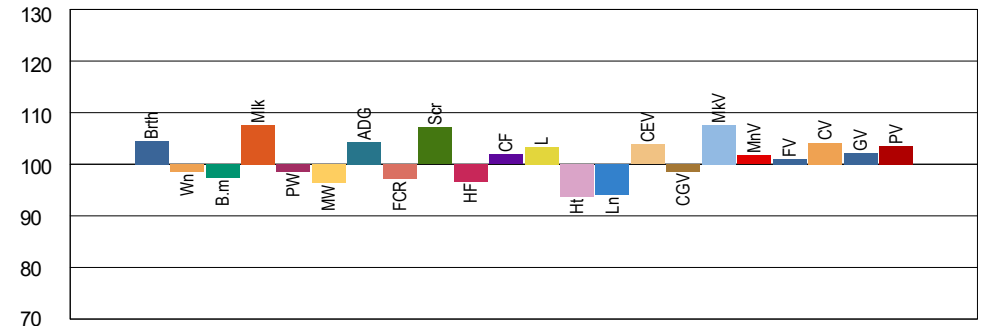
Total: 8



Cow Herd

Cows born in 2024 and earlier

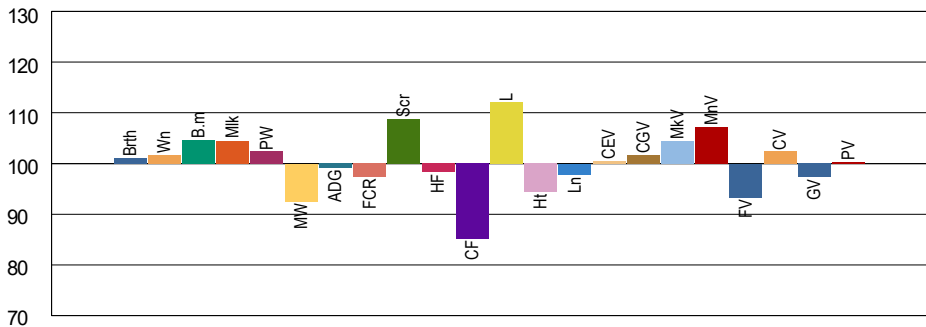
Total: 6



Sires of young animals

Sires of animals 3 years and younger

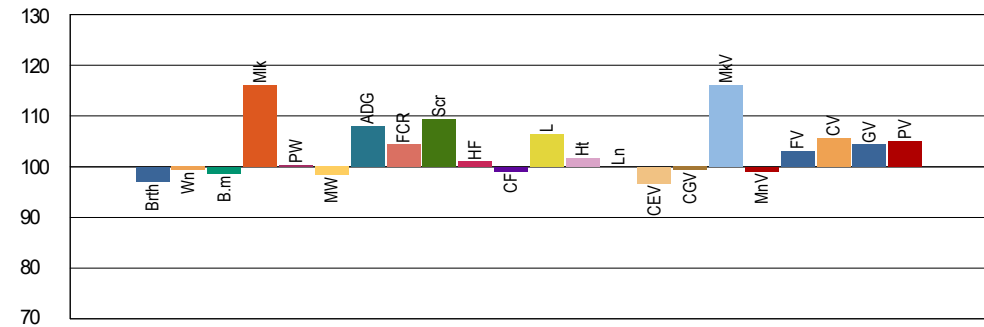
Total: 6



Cows older than 6 years

Cows born in 2020 and earlier

Total: 3



Bull calves

Bulls born in

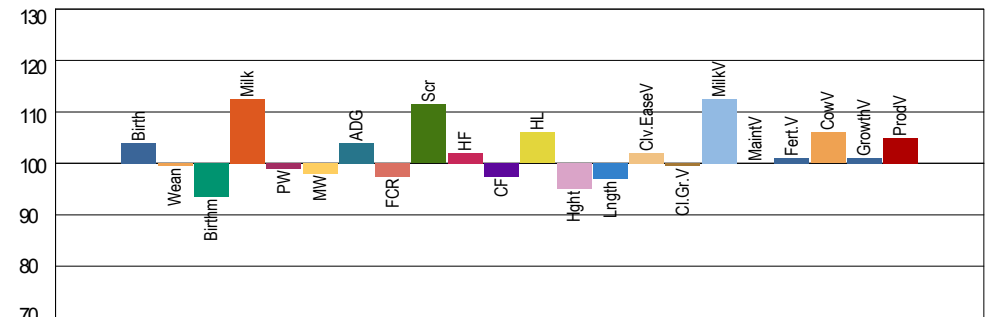
Total:



Heifer calves

Heifers born in 2025

Total: 2

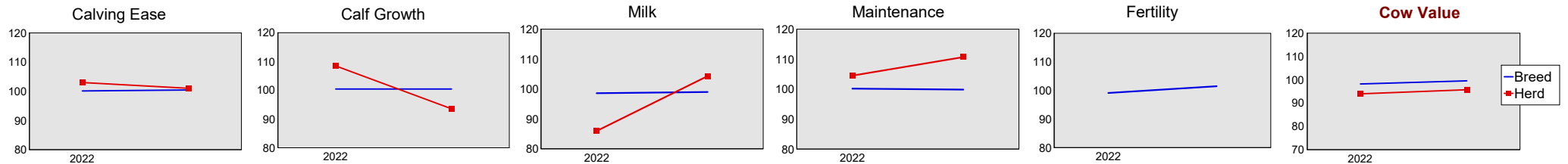


Summary of Cow Herd

			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
2018	1	★★★★	94	103	98	97	102	98	109	99	97	103	90	98	108	101	108	102	107	84	111	105	108	102
2019	1	★★★★	102	85	130	102	101	99	114	102	103	85	96	130	91	95	120	110	82	108	94	102	112	105
2020	1	★★★★☆	94	110	120	98	106	120	90	114	91	110	110	120	102	99	96	101	139	111	92	112	85	93
2023	1	★★★★☆	106	110	89	96	92	101	109	103	103	110	109	89	110	104	108	91	91	77	104	103	82	91
2024	2	★★★★☆	114	92	105	109	103	104	96	102	117	92	90	105	91	90	97	90	112	100	105	99	88	87
2025	2	★★★★☆	102	100	113	100	101	106	101	105	104	100	94	113	99	98	104	98	112	102	98	106	95	97
Cows in Herd Average:			102	100	109	100	101	105	103	104	103	100	98	109	100	98	106	108	107	97	101	105	95	96

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.



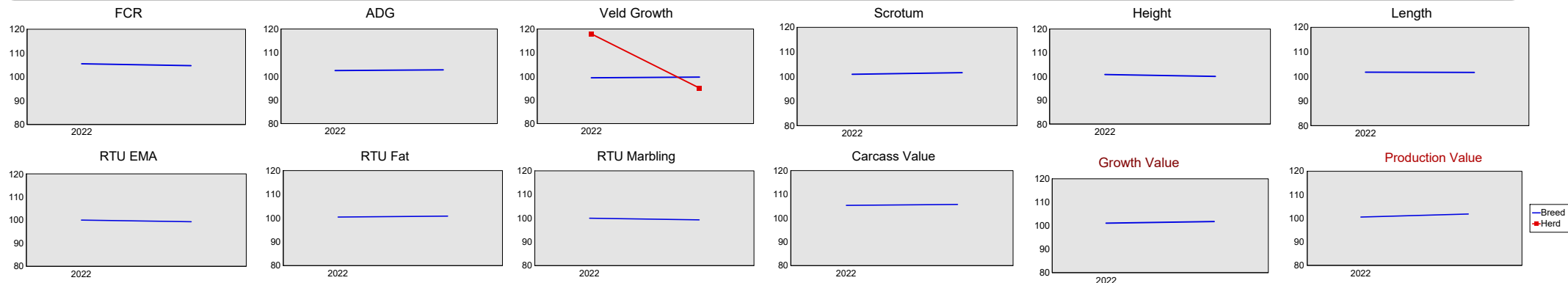
Herd

Birth Year	Calving Ease				Calf Growth			Milk			Maintenance				Fertility				Cow Value				
	Birth Weight		Mat EBV	Calv. Ease	Weaning Weight		Calf Growth	Milk (Wn.Mat.)		Milk	Postwean Weight		Mature Weight		Maintenance	Heifer Fert.		Cow Fert.		Longevity		Ferti- lity	
	Number	Dir EBV			Number	EBV		Number	EBV		Number	EBV	Number	EBV		Number	EBV	Number		EBV	Number		EBV
2022	2	1.14	-1.03	103	2	19.7	109	2	-0.51	86	2	31.0	105									94	
2023	12	0.89	-0.33	101	7	11.5	94	7	5.00	104	7	20.2	111									96	

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		Mainte-nance	Heifer Fert.		Cow Fert.		Longevity		Ferti-lity		
	Number	Dir EBV			Number	EBV		Number	EBV	Milk	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			
2022							2	79	118																			
2023							6	23	95																			

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	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
AG 150143 81316051		AG 080409 AG 070115	83 90	99 92	82 74	101 71	89 62	73 74	81 86	93 44	73 68	95 40	88 7	84 2.61	85 0.4	98 20	99 14.2	82 -1.8	84 34	101 26.1	91 47	96 26	90 -20	91 -0.15	99 11.9	72 6.8	105 -1.5	98 30.9	89 -12	88 2.7	102 0.86	89 -1.67	102 0.13	58 4	58 11
AG 150422 82427360		AG 110192 AG 030551	95 95	106 94	94 91	102 91	111 89	107 85	103 93	84 88	102 86	83 88	94 16	94 1.65	99 -1.5	96 17	106 18.3	94 1.9	103 80	104 28.2	90 43	92 16	93 -24	122 1.53	141 37.0	125 -23.3	94 0.4	110 38.0	82 -17	85 0.8	68 -2.56	75 -3.87	64 -3.07	52 4	30 10 12
AG 150738 82574419		AG 090751 AG 110211	96 86	96 88	95 76	119 75	85 59	88 72	96 84	89 57	86 69	95 60	90 9	97 1.30	87 0.1	84 -2	96 12.9	95 2.1	101 75	98 23.2	91 47	99 33	75 5	128 1.89	108 17.8	88 -2.4	88 1.6	106 35.3	96 -6	88 2.8	97 0.40	96 -0.54	96 -0.35	26 13	24 6 14
AG 180381 87737268		AG 120070 AG 130335	95 94	110 93	103 90	97 90	65 88	89 84	110 92	104 88	90 85	111 88	108 34	95 1.47	126 -5.1	102 25	110 20.2	103 4.7	111 99	105 29.4	112 124	121 87	104 -44	113 1.06	106 16.2	79 3.0	56 7.3	112 39.0	104 0	105 18.0	122 2.93	98 -0.21	109 0.69	32 5	21 3 3
AG 180507 87334371		CEF 110362 MCU 020088	126 93	92 92	129 90	139 89	92 88	128 83	126 91	74 88	118 84	87 88	79 -5	123 -1.46	105 -2.2	63 -32	92 10.5	129 12.4	149 192	87 13.0	73 -24	78 -17	81 -5	70 -1.35	85 3.6	112 -16.0	65 5.6	125 46.7	90 -11	86 0.9	75 -1.80	105 0.92	94 -0.54	34 1	18
AG 181077 88184338		AG 130147 AG 120139	98 93	101 93	132 91	100 90	89 89	109 84	115 92	108 88	109 85	105 88	97 20	97 1.32	100 -1.6	96 16	101 15.3	132 13.4	131 147	106 30.7	108 108	126 98	93 -25	106 0.68	105 15.9	88 -2.5	89 1.4	111 38.7	96 -6	101 14.7	110 1.71	115 2.44	103 0.17	17 1	15 6 7
AG 191091 89847784		RHJ 150002 AG 110112	114 94	96 94	99 90	110 89	128 88	120 84	102 93	85 88	113 85	103 88	88 7	109 -0.01	116 -3.7	89 6	96 12.8	99 3.4	101 77	98 23.6	86 28	85 -2	79 -2	94 -0.04	114 20.9	115 -17.7	119 -4.0	125 47.0	80 -19	81 -3.0	110 1.64	110 1.56	116 1.28	35 3	32
CEF 150479 82480500		CEF 100304 CEF 060200	84 96	102 97	108 90	96 88	76 72	83 83	98 94	128 68	91 80	112 82	92 12	84 2.68	94 -0.8	103 88	102 16.2	108 6.0	107 91	101 25.9	134 206	87 5	129 -85	110 0.86	71 -4.8	96 -6.8	73 4.2	92 27.2	124 16	117 29.0	107 1.42	95 -0.80	64 -3.13	182 12	151 41 76
CRV 170301 85992683		KAN 140052 CRV 130045	81 82	93 83	102 65	108 65	88 47	79 65	86 77	97 50	79 62	94 60	92 13	84 2.69	78 1.4	90 8	93 11.3	102 4.3	100 74	98 23.6	97 69	118 78	103 -41	70 -1.36	100 13.0	89 -3.0	95 0.3	93 27.7	109 4	106 18.6	101 0.81	79 -3.28	84 -1.40	20 3	14 6
GJN 170124 86274172		AG 140092 GJN 100054	77 95	114 95	110 91	94 91	67 90	88 86	112 94	93 90	87 87	103 90	105 30	73 3.85	82 0.8	104 28	114 22.3	110 6.9	119 119	105 29.5	94 58	124 93	90 -21	122 1.52	116 22.3	55 16.4	90 1.3	89 25.5	98 -5	89 3.7	115 2.22	119 3.10	83 -1.49	49 2	36 6 9
LAR 190301 89665996		AG 150738 LAR 160408	107 91	101 91	100 90	100 90	99 89	103 83	101 91	100 89	102 84	99 89	107 33	112 -0.26	94 -0.7	99 20	101 15.5	100 3.6	101 77	102 26.7	100 81	93 20	89 -18	131 2.06	113 20.7	95 -6.1	102 -0.9	105 34.8	92 -10	94 8.6	107 1.37	93 -1.08	104 0.25		
LAR 190373 89666499		LFR 150032 LAR 080245	80 99	118 99	94 98	89 97	88 97	95 90	108 98	124 98	100 92	118 98	114 43	83 2.75	89 -0.1	112 40	118 24.8	94 1.9	105 86	124 46.6	127 180	126 98	128 -83	86 -0.44	135 33.6	100 -9.1	74 4.0	112 38.9	91 -10	115 27.3	117 2.38	62 -5.88	80 -1.74	477 112	420 5 5

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																
202002 D11 M UP GEORGE FARMS CC		0512088BON	 AG 150738 LAR 160408		101	102	94	92	106	113	88	100	89	93	100	107	93	104	99
		LAR 190301		103															
		89665996		83															
202402 D11 M UP GEORGE FARMS CC		0512088BON	LAR 190373 LAR 170219		108	107	100	85	126	110	102	103	105	98	102	112	69	90	102
		LAR 230169		99															
		96037197		55															
					71	69	65	71	68	73	17	64	17	24	43	48	50	48	49

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	Sire ID	Dam ID	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
LAR 190301	89665996	3			AG 150738	LAR 160408	10791	10191	10090	10090	9989	10383	10191	10089	10284	9989	10733	112-0.26	94-0.7	9920	10115.5	1003.6	10177	10226.7	10081	9320	89-18	1312.1	11320.7	95-6.1	102-0.9	10534.8	92-10	949	1071.37	93-1.08	1040.25
AG 220106	93832178	4			AG 181077	AG 130001	11089	8488	11087	13287	7286	8881	9788	9186	8682	8286	73-12	111-0.16	860.2	72-19	846.3	1106.8	111100	8310.0	10079	9115	100-36	1090.8	9811.4	802.1	695.0	11138.7	94-8	916	92-0.16	1040.72	95-0.47
AG 220120	93857951	2			GJN 170124	AG 190236	8690	10489	12488	9888	8286	9881	10989	11386	10082	10886	10125	911.95	811.0	9920	10416.8	12411.1	125134	10327.8	115135	10651	105-44	1231.6	906.8	84-0.2	911.1	8623.7	1083	10417	1212.79	98-0.27	78-1.90
AKT 230003	95409306	2			AG 180507	AG 180122	10889	9489	11487	12387	10086	11281	10988	8886	10782	10385	864	111-0.13	880.0	81-7	9411.9	1148.1	120122	9419.6	8833	59-64	94-27	940.0	928.0	107-12.9	891.4	11138.4	102-1	9812	940.08	1162.58	1030.22
AKT 230005	95409322	3			AG 180381	AG 170504	9690	11290	10088	8487	7086	8881	10989	9586	8882	10386	11746	911.90	118-3.9	11849	11221.3	1003.7	10176	10529.9	10596	10650	110-53	83-0.6	10213.7	726.8	783.3	9729.8	11811	11224	1041.09	96-0.66	1272.22
AKT 230009	95409363	3			CRV 170301	AG 180329	8288	8988	9686	11986	7185	6580	8287	8284	6481	8184	80-4	812.96	801.1	84-2	899.0	962.4	9459	8814.3	803	73-30	79-2	67-1.5	864.6	764.6	862.0	8020.1	1040	926	950.22	66-5.25	68-2.75
AKT 230010	95409371	4			AG 191091	AG 200751	13290	7990	10788	12787	12687	12082	9689	8086	11283	9586	78-6	131-2.26	111-3.1	77-11	793.9	1075.9	9971	828.7	77-9	46-94	6030	940.0	10012.7	121-21.1	118-3.7	11440.2	76-23	69-14	1000.68	1193.00	1191.55
LAR 230169	96037197	1	LAR 190373 LAR 170219		LAR 190373	LAR 170219	10269	10871	9158	9751	9337	9955	10566	10243	9953	10249	10429	991.08	108-2.6	10226	10819.4	911.1	9971	10831.8	10392	9831	105-45	77-1.0	11018.9	94-5.5	891.5	10937.1	85-15	10013	1121.92	69-4.77	90-0.89

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	Sire ID Dam ID	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
AG 180122 87292546	3		AG 150143 AG 160085		94 91	103 90	98 89	97 89	102 87	98 82	97 90	109 86	99 83	107 86	99 22	97 1.26	92 -0.5	101 24	103 16.6	98 3.0	100 73	108 31.9	108 110	87 5	102 -40	94 0.0	107 17.1	84 -0.2	111 -2.6	105 34.8	108 3	102 15	108 1.47	108 1.34	100 -0.09
AG 190236 88962287	2		CEF 150479 AG 150928		102 91	85 91	130 90	102 89	101 88	99 83	94 90	114 87	102 84	94 88	91 12	103 0.67	96 -1.1	95 14	85 6.7	130 12.8	114 108	91 17.0	120 154	96 27	110 -52	86 -0.5	82 1.8	108 -13.4	94 0.5	102 33.3	112 7	105 18	95 0.16	84 -2.55	87 -1.18
AG 200445 90988601	2		AG 150422 AG 170206		94 89	110 89	120 88	98 87	106 86	120 81	120 89	90 86	114 82	90 86	100 23	91 1.95	102 -1.8	99 20	110 20.6	120 9.8	128 140	102 26.8	96 63	87 5	101 -39	92 -0.1	139 35.8	111 -15.1	92 0.8	112 39.0	85 -15	93 8	103 0.99	83 -2.69	93 -0.67
AKT 230016 96351655	2		LAR 190301 AG 200153		106 89	110 88	89 87	96 87	92 86	101 81	107 88	109 86	103 82	103 86	106 31	103 0.66	110 -2.9	104 28	110 20.4	89 0.3	98 69	110 33.6	108 109	106 50	91 -22	124 1.7	91 7.6	77 4.0	104 -1.3	103 33.8	82 -17	91 6	100 0.71	112 1.96	93 -0.61
AKT 240001 96468343	3		LAR 190301 AG 200445		107 88	99 87	108 87	107 86	101 85	108 80	106 87	84 86	103 81	84 85	97 19	107 0.21	98 -1.3	91 9	99 14.5	108 6.1	111 100	92 18.0	85 21	91 14	82 -7	100 0.3	115 21.6	102 -10.2	98 -0.2	105 35.1	89 -12	85 0	107 1.39	79 -3.19	113 1.01
AKT 240003 97512917	2		LAR 190301 AG 190236		120 88	84 88	101 87	110 87	104 86	99 80	88 88	107 86	100 81	93 86	91 11	126 -1.74	94 -0.8	88 5	84 6.6	101 4.1	92 54	89 15.1	109 111	103 42	97 -32	105 0.6	109 18.2	98 -7.9	112 -2.8	93 27.4	86 -15	88 3	101 0.82	113 2.16	99 -0.14
AKT 250010 6020073455	3		LAR 190301 AG 200445		100 49	106 46	110 38	99 37	102 29	111 38	110 44	95 28	108 36	95 26	103 28	101 0.85	98 -1.3	99 20	106 18.0	110 6.7	114 108	102 26.7	98 72	90 12	95 -28	111 1.0	126 28.2	103 -10.6	97 -0.1	108 36.9	88 -12	94 8	105 1.18	88 -1.88	98 -0.21
AKT 250014 6020073463	2		LAR 190301 AG 190236		104 51	93 51	115 43	101 40	100 32	101 41	97 48	107 32	102 39	97 32	99 23	107 0.20	95 -0.9	97 17	93 11.1	115 8.2	108 92	96 21.8	110 117	95 23	100 -36	109 0.8	97 11.3	101 -9.7	98 -0.2	104 34.0	102 -2	100 13	101 0.77	88 -1.81	95 -0.47

Selection List on Cow Value

Bulls 2 years and older

ID Sorted on ID	Name	Sire ID	Dam ID	Visual Score % Inbreeding	Horned / Polled	Myostatin Q204X nt821 F94L	Genomic test	Calving Ease Value Acc	Calf Growth Value Acc	Milk Value Acc	Maint. Value Acc	Fertility Value Acc	Cow Value Acc	Weaner Calf Value Acc	Growth Value Acc	Prod Value Acc	Carcass Value Acc
1	AKT 230010	AKT230010	AG 191091	AG 200751	3.6	HH(c)	0	0	0								
1	AKT 230003	AKT230003	AG 180507	AG 180122	1.6	Pp(c)	0	0	0								
1	LAR 190301	LAR190301	AG 150738	LAR 160408	8	2.5	HH(c)	0	0	0							
1	AG 220120	AG220120	GJN 170124	AG 190236	1.8	HH(c)	1	0	0								
2	LAR 230169	LAR230169	LAR 190373	LAR 170219	8	1.3		1	0	0							
1	AG 220106	AG220106	AG 181077	AG 130001	4.2	HH(c)	0	0	0								
2	AKT 230005	AKT230005	AG 180381	AG 170504	2.8	HH(c)	0	0	0								
1	AKT 230009	AKT230009	CRV 170301	AG 180329	2.7	HH(c)	1	0	0								

Selection List on Cow Value

Cows 2 years and older

ID Sorted on ID	Name	Sire ID	Dam ID	Visual Score % Inbreeding	Horned / Polled	Myostatin Q204X nt821 F94L	Genomic test	Calving Ease Value Acc	Calf Growth Value Acc	Milk Value Acc	Maint. Value Acc	Fertility Value Acc	Cow Value Acc	Weaner Calf Value Acc	Growth Value Acc	Prod Value Acc	Carcass Value Acc
1	AG 200445	AG200445	AG 150422	AG 170206	7	2.5	HH(c)	0	0	0							
1	AKT 230016	AKT230016	LAR 190301	AG 200153	2.4	Pp(c)	0	0	0								
2	AKT 240001	AKT240001	LAR 190301	AG 200445	2.7	HH(c)	0	0	0								
1	AG 180122	AG180122	AG 150143	AG 160085	7	3.3	HH(c)	0	0	0							
2	AG 190236	AG190236	CEF 150479	AG 150928	7	2.0	HH(c)	0	0	0							
3	AKT 240003	AKT240003	LAR 190301	AG 190236	2.3	HH(c)	0	0	0								

Selection List on Cow Value

Heifers younger than 2 years

ID Sorted on ID	Name	Sire ID	Dam ID	Visual Score % Inbreeding	Horned / Polled	Myostatin Q204X nt821 F94L	Genomic test	Calving Ease Value Acc	Calf Growth Value Acc	Milk Value Acc	Maint. Value Acc	Fertility Value Acc	Cow Value Acc	Weaner Calf Value Acc	Growth Value Acc	Prod Value Acc	Carcass Value Acc
1	AKT 250010	AKT250010	LAR 190301	AG 200445	2.7												
1	AKT 250014	AKT250014	LAR 190301	AG 190236	2.3												

