

BONSMARA

GENOMIC BREEDING VALUE REPORT

September 2026



MKWANAZI BONSMARA

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EBVs, EBVi's and GEBVs

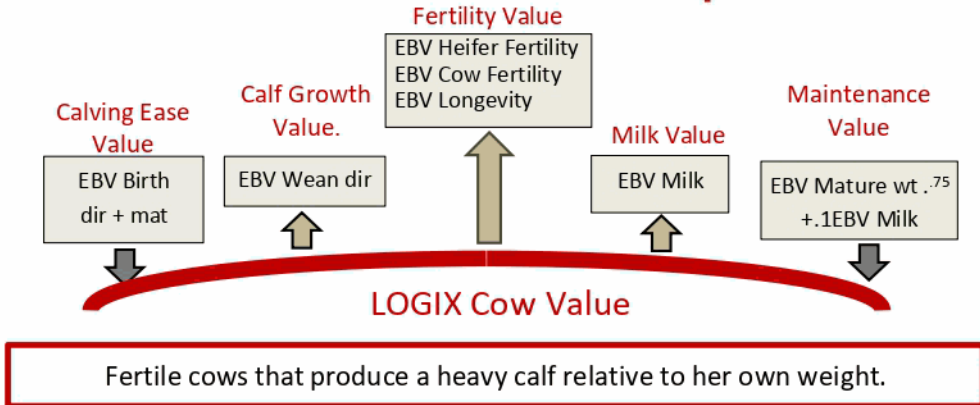
EBVi (Breeding Value Index): Genetic potential relative to the average (100) of the live (active) animals in the breed. Roughly 50% of the animals have values between 90 and 110. Values above 100, depending on the trait, tend to be in the more favourable direction.

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



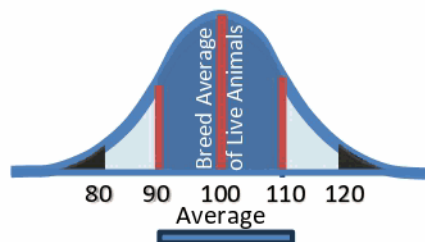
Select for more meat on the carcass as measured from end weight in Phase C and D Growth Tests and RTU scanning.

LOGIX Production Value



80% LOGIX Cow Value +
20% LOGIX Growth Value

Interpretation of EBVi and Selection Values

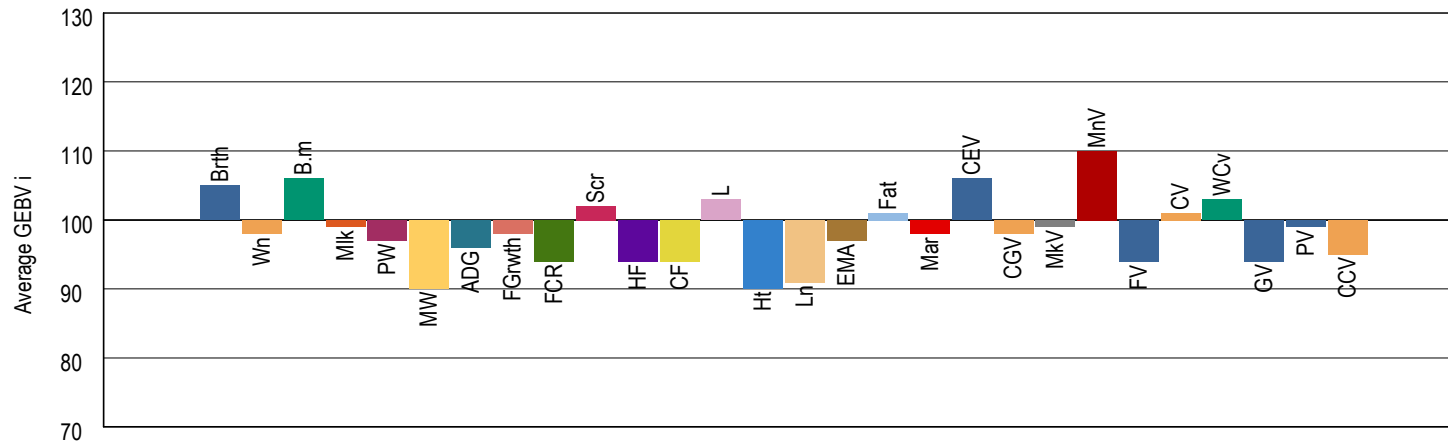


Examples

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
Mik:	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	0.44	105	0.98
	Wean Weight	14.0	98	14.9
	Birth Mat.	-0.57	106	-0.28
	Milk (Wn.Mat.)	3.3	99	3.7
Postwean Growth	Postwean Wt	22	97	25
	Mature Weight	8	90	22
	ADG	64	96	79
	VeldGrowth	31	98	35
	FCR	-27	94	-37
Fertility	Scrotal Circumf.	14	102	13
	Heifer Fertility	-5.9	94	-9.1
	Cow Fertility	0.52	94	-0.56
	Longevity	33.8	103	31.8
Frame	Height	-10.9	90	-3.1
	Length	6.0	91	13.6
Carcass	EMA	0.368	97	0.683
	Fat	0.177	101	0.055
	Marbling	-0.219	98	-0.056

Selection Value	Ave. Herd
Calving Ease	106
Calf Growth	98
Milk	99
Maintenance	110
Fertility	94
Cow Value	101
Weaner Calf Value	103
Growth Value	94
Production Value	99
Carcass Value	95

- 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?:

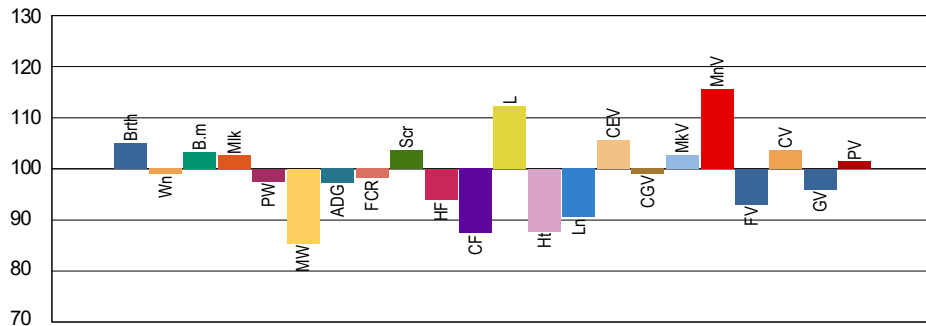
Calving ease:	Smaller calf at birth - easier calving
Calf growth:	Heavier calves at wean due to growth potential of the calf
Milk:	Cows with more milk and better mothering ability
Maintenance:	Animals with low maintenance requirements (lower mature weight).
Fertility:	Cows/daughters that calve earlier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

Genetic Windows

Bulls on the farm

Bulls born in 2023 and earlier

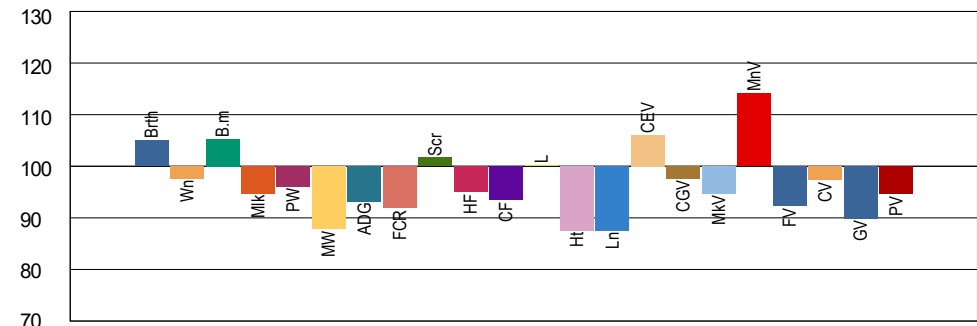
Total: 5



Cow Herd

Cows born in 2024 and earlier

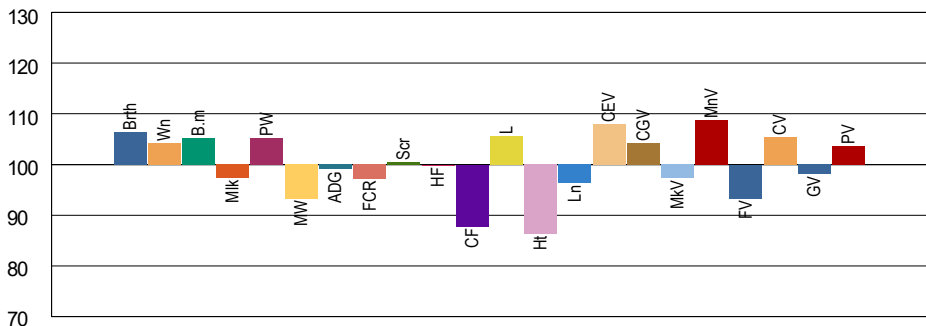
Total: 32



Sires of young animals

Sires of animals 3 years and younger

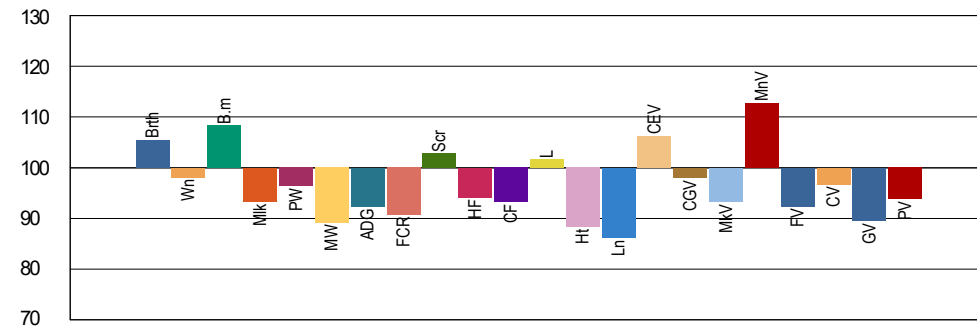
Total: 9



Cows older than 6 years

Cows born in 2020 and earlier

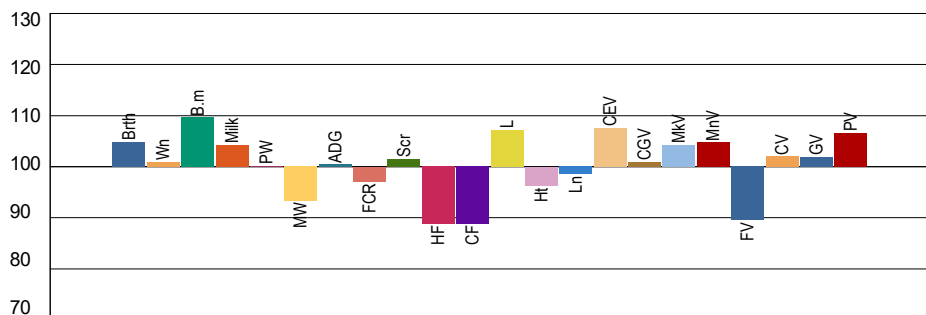
Total: 17



Bull calves

Bulls born in 2025

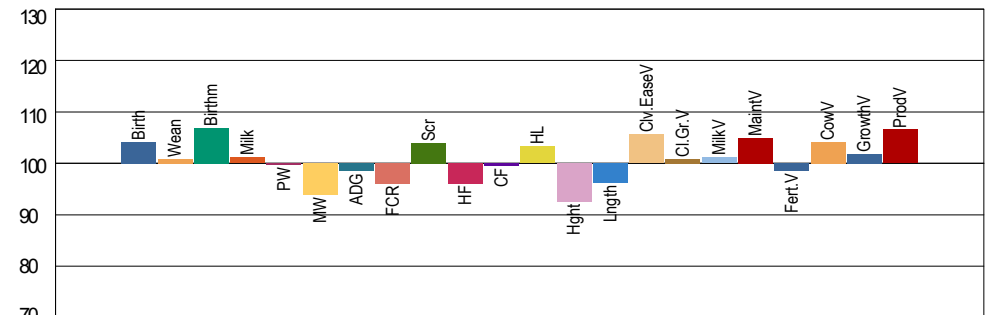
Total: 7



Heifer calves

Heifers born in 2025

Total: 12

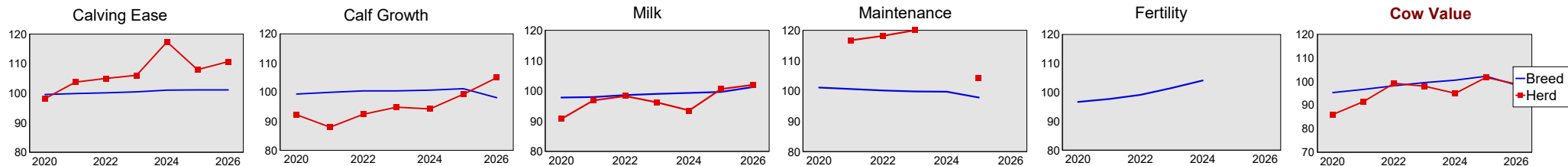


Summary of Cow Herd

			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	100
2016	4	★★★★☆	106	100	92	117	97	101	98	100	105	100	103	92	98	85	100	98	116	97	98	101	92	91
2017	7	★★★★	109	97	95	110	88	94	86	91	107	97	119	95	94	92	88	88	102	93	89	100	84	81
2018	3	★★★★	98	102	96	111	84	93	89	90	97	102	103	96	102	90	92	93	95	78	89	106	96	94
2019	1	★★★★☆	113	99	86	117	103	105	92	102	116	99	90	86	96	85	94	93	97	113	96	99	90	90
2020	3	★★★★	105	87	97	105	106	98	87	95	106	87	95	97	85	96	90	83	93	108	104	107	84	81
2021	3	★★★★	107	88	102	128	88	98	87	95	106	88	106	102	91	78	90	95	111	98	83	106	79	80
2022	4	★★★★☆	100	99	102	115	99	102	96	101	95	99	105	102	97	88	99	95	108	97	102	101	89	94
2023	8	★★★★	107	94	95	121	88	94	87	91	107	94	99	95	93	83	91	89	94	90	94	94	86	86
2024	6	★★★★	110	98	93	108	95	99	88	96	109	98	103	93	97	92	93	93	97	104	93	97	88	90
2025	12	★★★★☆	106	101	101	105	99	104	102	107	104	101	107	101	100	94	99	96	104	96	100	103	93	96
2026	3	★★★★☆	108	103	104	104	92	105	100	104	106	103	108	104	102	94	101	98	103	94	89	106	98	98
Cows in Herd Average:			106	97	97	113	94	99	92	97	105	97	103	97	96	89	94	97	102	97	94	102	89	89

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.



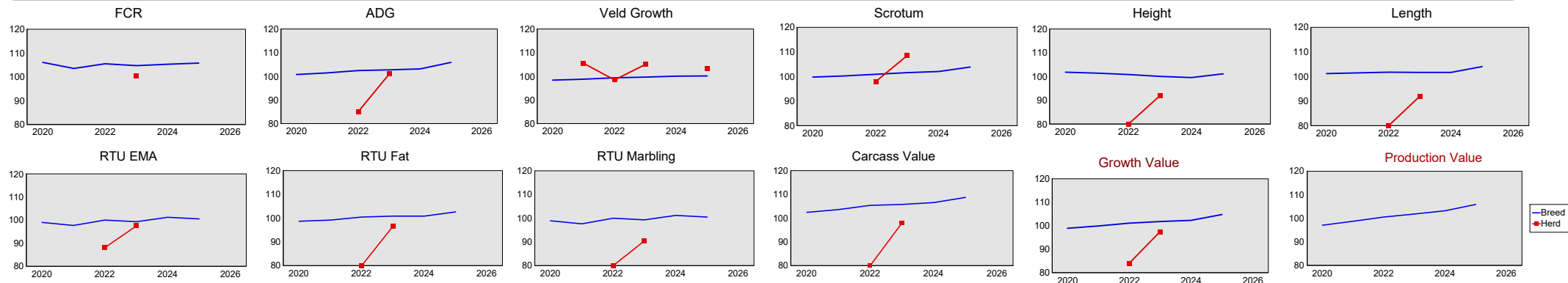
Herd

Birth Year	Calving Ease				Calf Growth			Milk			Maintenance					Fertility						Cow Value
	Birth Weight		Mat EBV	Calv. Ease	Weaning Weight		Calf Growth	Milk (Wn.Mat.)		Postwean Weight		Mature Weight		Maine-nance	Heifer Fert.		Cow Fert.		Longevity		Ferti-lity	
	Number	Dir EBV			Number	EBV		Number	EBV	Number	EBV	Number	EBV		Number	EBV	Number	EBV	Number	EBV		
2020	17	1.18	-0.25	98	4	10.9	92	4	0.87	91									16	20.5		86
2021	20	0.59	-0.26	104	6	8.5	88	6	2.76	97	6	12.8			117				20	23.1		92
2022	30	0.53	-0.41	105	7	10.8	92	7	3.16	98	5	15.5	2	-7	118				17	21.2		99
2023	18	0.43	-0.41	106	5	12.1	95	5	2.49	96	5	20.0			121							98
2024	3	-0.39	-0.93	117	4	11.9	94	4	1.75	94												95
2025	29	0.33	-0.60	108	21	14.5	99	21	3.90	101	6	27.9			104							102
2026	6	0.12	-0.69	111	1	17.5	105	1	4.45	102												99

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		Maine- nance	Heifer Fert.		Cow Fert.		Longevity			Ferti- lity	
	Number	Dir EBV			Number	EBV		Number	EBV	Number	EBV	Number	EBV		Number	EBV	Number	EBV	Number	EBV			Number
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			
2020																												
2021							6	49	106																			
2022				1	23	85	4	33	99	1	11.4	98	1	-23	74	1	-8	75	1	-0.50	88	-4.51	71	-1.93	78	79	84	
2023	2	-37	101	2	84	101	3	49	105	2	17.7	109	2	-9	92	2	6	92	2	0.42	98	-0.50	97	-0.87	91	98	98	
2024																												
2025							6	43	103																			
2026																												

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		
																																			Grwth Test	Dght & clvs (Weaned)	
AG 110192 74116575		VV 070012	81	114	75	109	119	105	102	92	101	112	94	79	108	90	114	75	97	113	90	108	86	145	147	131	101	107	75	88	93	131	110	125	119		
		AG 030031	96	96	93	92	77	84	95	65	80	62	16	3.13	-2.7	92	97	94	8	22.7	-4.1	65	36.4	41	55	-14	2.80	41.0	-26.8	-0.7	36.4	-23	3.1	-0.01	4.89	0.80	9
AG 110215 74116633		VV 070012	81	111	89	97	96	92	100	112	95	118	101	79	115	102	111	89	100	115	115	117	109	90	123	93	99	101	109	111	100	119	80	117	112		
		AG 020297	96	96	92	90	76	84	94	61	79	58	25	3.12	-3.5	90	97	93	25	21.0	0.5	74	38.0	135	76	-52	-0.24	26.5	-4.9	-0.3	32.4	4	23.4	0.70	3.01	-1.77	2
AG 110317 73854093		VV 070012	111	91	83	145	83	92	97	77	87	79	71	114	137	59	91	83	100	87	87	92	101	106	124	103	78	92	73	69	84	111	95	173	136		
		AG 030322	97	97	93	92	77	85	96	64	81	49	-15	-0.52	-6.6	92	98	94	-39	10.0	-1.6	73	13.1	30	17	-38	0.66	27.0	-10.8	3.4	27.0	-24	-13.9	-0.87	1.86	-0.46	14
AG 120070 74808700		AG 070742	102	83	113	127	52	72	94	72	68	76	78	98	105	77	83	113	109	83	69	104	76	107	107	81	46	89	62	53	94	92	98	179	167		
		AG 080719	98	98	96	96	94	89	97	94	90	94	-6	1.21	-2.3	95	98	97	-12	5.9	7.7	96	9.7	-38	46	3	0.72	17.0	1.9	9.0	25.4	-33	-28.0	0.12	-1.21	-0.27	35
AG 130024 76797174		AG 090751	124	80	84	146	129	112	88	86	106	93	60	127	80	57	80	84	89	82	90	80	60	79	91	120	137	91	66	56	97	118	93	275	295		
		HJB 030230	99	99	97	97	95	90	98	95	91	96	-30	-1.82	1.1	97	99	98	-42	4.0	-1.1	46	8.5	43	-14	29	-0.84	7.5	-20.3	-7.1	26.7	-30	-25.5	0.39	2.86	-0.64	100
AG 140051 79278842		AG 080210	121	93	97	138	58	91	109	87	88	91	70	118	104	66	93	97	112	90	79	91	48	85	71	61	74	90	51	53	93	98	111	114	97		
		AG 090052	95	95	87	86	67	80	92	64	77	69	-17	-0.88	-2.1	77	97	89	-27	11.0	2.8	102	16.4	0	13	50	-0.50	-4.3	13.0	4.1	26.0	-42	-28.3	-0.03	-0.28	0.85	33
AG 140090 80120132		AG 090751	95	108	90	96	56	75	101	96	76	101	114	92	105	103	108	90	97	113	96	103	87	108	72	53	68	101	105	103	90	104	104	63	51		
		AG 100055	92	92	80	81	62	76	88	49	71	54	42	1.84	-2.2	80	95	85	27	19.4	0.6	67	36.4	63	42	-15	0.79	-3.9	17.5	5.1	32.5	1	16.4	-0.29	0.63	0.31	1
AG 140311 81597031		AG 110038	110	94	94	126	91	98	100	82	94	87	83	112	92	79	94	94	101	93	92	128	93	104	88	99	98	85	87	92	103	88	92	103	43		
		JMP 080335	92	91	79	77	54	74	87	52	70	48	0	-0.24	-0.4	75	96	83	-9	11.8	1.8	76	18.5	48	104	-25	0.57	5.7	-8.5	-0.2	23.1	-14	6.8	0.97	-1.81	-0.75	3
AG 140334 80396237		AG 080454	113	109	85	97	100	107	106	97	105	92	98	110	115	102	109	85	94	99	103	106	107	90	100	107	102	94	100	97	113	84	89	50	49		
		AG 090061	88	91	73	69	58	72	84	39	65	40	21	-0.08	-3.6	68	93	77	26	19.7	-1.0	59	24.5	90	51	-47	-0.26	12.5	-13.1	-0.9	28.1	-3	11.2	2.00	-2.46	-1.02	3
AG 150215 81642274		TOR 090196	98	92	97	128	89	91	96	80	86	95	92	97	89	77	92	97	103	88	85	92	97	90	117	92	97	87	91	77	99	138	126	81	61		
		GZV 100281	91	93	79	79	56	75	88	52	70	74	13	1.31	-0.1	77	95	83	-12	10.5	2.9	80	14.6	23	15	-32	-0.23	23.2	-4.4	0.0	24.1	-11	-6.6	0.58	6.03	2.13	17
AG 160138 84335686		LAR 100242	127	87	108	128	88	107	106	66	97	81	83	124	113	76	87	108	109	81	65	86	72	118	105	90	83	110	51	62	99	91	64	83	69		
		AG 140006	96	96	91	91	89	86	94	90	87	88	1	-1.57	-3.4	89	97	93	-13	8.2	6.0	96	7.8	-54	2	10	1.34	16.0	-3.4	2.5	38.2	-42	-20.1	0.60	-1.40	-3.13	18
AG 160239 84352855		TOR 090196	104	100	94	124	103	108	106	97	105	102	87	104	92	80	100	94	107	94	101	88	104	145	131	100	103	100	83	89	103	114	85	113	100		
		AG 120426	96	96	92	91	90	86	95	90	87	89	5	0.61	-0.5	91	97	93	-7	15.1	1.9	90	19.2	83	6	-43	2.80	31.2	-9.2	-1.1	32.0	-16	3.6	0.94	2.19	-1.31	18
AG 160386 84545771		AG 130115	127	94	110	119	110	124	113	104	121	106	78	122	121	84	94	110	113	98	101	104	91	122	90	101	111	106	90	95	98	143	102	118	64		
		AG 140129	96	96	92	91	90	86	95	88	86	88	-6	-1.30	-4.4	91	97	93	-2	11.9	6.8	106	23.5	84	45	-22	1.52	7.1	-9.7	-2.6	35.4	-11	9.2	0.44	6.91	0.11	2
AG 181075 88184312		CEF 110362	105	95	101	130	91	102	105	80	96	75	82	107	84	75	95	101	112	94	79	100	84	85	86	112	73	110	76	75	81	61	77	5	2		
		AG 120272	76	74	62	60	48	61	70	49	59	50	-1	0.23	0.6	60	80	67	-15	12.2	3.9	101	20.1	0	36	-10	-0.52	4.3	-16.2	4.2	37.6	-22	-8.9	-1.20	-6.18	-2.03	2

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 200357 90950783	AG 160083 AG 150200	78	134	92	77	88	105	126	104	105	115	131	67	93	128	134	92	108	127	107	82	103	97	104	93	91	96	109	114	115	97	87	20	16	
		81	84	59	52	42	62	75	31	56	32	65	4.43	-0.6	63	32.9	1.1	93	49.4	104	-9	-42	0.14	15.4	-4.9	1.0	29.4	4	25.8	2.15	-0.42	-1.19			
AJF 190127 88593413	NFS 140069 AJF 160102	80	122	116	68	73	96	124	135	103	131	136	65	102	139	122	116	111	128	136	129	122	105	116	62	93	95	121	126	132	96	106	39	39	
		85	90	69	70	50	70	83	60	68	48	72	4.61	-1.9	80	26.7	8.7	101	50.4	215	106	-74	0.57	22.1	12.7	0.8	29.0	13	36.8	3.91	-0.52	0.45	11	7	
CEW 110234 74307943	CEW 080156 CEW 080220	92	98	77	102	105	84	82	77	79	86	89	92	94	97	98	77	80	96	76	105	81	77	114	100	105	108	74	72	122	99	118	183	161	
		97	97	94	92	77	85	96	70	82	77	9	1.87	-0.7	18	13.9	-3.2	25	21.3	-12	49	-5	-0.97	21.0	-9.2	-1.4	36.7	-24	-11.5	2.90	-0.16	1.50	20	56	
GT 210122 92738954	AG 160386 GJN 160185	113	104	111	101	93	113	115	111	113	111	91	112	110	96	104	111	116	104	110	100	106	104	107	87	92	111	104	107	95	119	101	20	11	
		80	80	56	53	40	60	72	32	54	34	12	-0.23	-2.9	16	17.3	7.0	111	28.4	118	36	-46	0.55	16.9	-1.8	0.9	38.5	0	19.5	0.15	3.01	0.01			
GZV 190157 89471924	AG 160138 GZV 160053	116	95	105	119	79	99	107	84	95	95	88	113	122	84	95	105	109	95	86	98	90	91	99	83	82	103	76	86	102	107	77	6	4	
		74	75	55	51	40	57	68	43	54	24	8	-0.35	-4.5	-2	12.0	5.1	94	20.2	27	31	-20	-0.16	12.3	0.9	2.6	33.4	-22	1.6	0.88	1.17	-2.00			
JL 100198 71912539	AG 040310 EI 940254	100	91	109	113	92	93	96	90	91	93	90	96	102	86	91	109	107	96	84	99	77	99	103	98	93	96	99	90	115	79	122	173	157	
		97	97	93	93	78	85	96	70	82	84	10	1.43	-1.8	2	10.2	6.4	91	21.0	18	33	2	0.29	14.4	-7.7	0.6	29.7	-4	5.0	2.17	-3.29	1.80	22	39	
KVB 180083 87719522	AG 110061 KVB 140120	130	93	106	107	107	116	103	111	116	123	100	135	107	91	93	106	103	103	108	103	97	65	97	114	98	107	75	101	120	128	130	479	458	
		97	99	92	91	88	87	96	90	88	86	24	-2.71	-2.5	8	10.9	5.4	80	27.4	110	43	-31	-1.63	10.8	-17.1	-0.3	35.9	-23	14.5	2.71	4.51	2.52	65	13	
LAR 150116 82875774	WAT 110394 LAR 110119	134	95	91	129	134	134	109	92	127	98	83	134	108	76	95	91	101	91	92	82	88	132	90	137	118	105	93	88	120	102	87	44	43	
		92	92	85	81	63	77	89	56	73	52	0	-2.58	-2.7	-14	12.1	0.9	75	17.4	51	-9	-16	2.10	6.8	-30.3	-3.8	35.1	-8	2.9	2.66	0.40	-1.12	3	17	
LAR 190319 89666127	LAR 140106 LAR 100159	94	125	97	90	95	115	124	118	117	128	119	91	119	110	125	97	114	132	115	134	111	133	113	93	90	114	93	122	122	103	104	245	162	
		98	98	95	95	95	89	97	95	90	96	50	1.93	-4.1	37	28.2	2.8	108	53.9	134	118	-55	2.13	20.5	-5.0	1.3	40.5	-9	33.3	2.85	0.47	0.27	32	4	
LES 170037 85471837	LES 130028 LES 100075	88	109	97	102	81	92	106	104	93	91	95	85	98	96	109	97	108	110	108	109	107	118	120	87	95	82	102	103	100	53	90	22	20	
		81	84	57	54	43	62	75	44	58	68	17	2.58	-1.3	16	19.8	2.9	94	34.1	111	57	-49	1.33	24.8	-1.4	0.4	21.1	-1	16.3	0.63	-7.31	-0.94	4	1	
LFR 210002 92170117	LAR 160093 LFR 180079	121	103	78	99	104	103	97	109	104	114	96	120	114	101	103	78	83	107	110	111	102	101	112	118	84	112	83	95	110	129	113	53	48	
		94	94	88	87	86	83	92	88	84	90	19	-1.09	-3.5	23	16.4	-3.0	33	31.5	118	64	-40	0.40	20.1	-19.1	2.4	38.9	-17	9.0	1.67	4.62	1.05	13		
LMR 160124 83447821	LMR 090334 LMR 110067	99	95	89	120	88	87	93	86	85	88	83	96	99	83	95	89	94	91	91	82	83	124	81	101	87	95	76	82	96	102	95	143	116	
		94	96	85	80	65	79	92	60	75	85	0	1.43	-1.4	-2	12.1	0.3	58	16.7	44	-7	-9	1.65	1.4	-9.4	1.7	28.8	-22	-2.1	0.27	0.45	-0.51	53	27	
MSM 220026 94552213	AG 181075 AG 160400	104	95	92	130	92	98	101	84	93	79	82	101	96	75	95	92	103	92	85	88	89	88	98	99	82	113	74	75	88	71	78	1	1	
		68	55	47	47	37	48	54	42	47	56	0	0.91	-1.1	-14	12.5	1.3	80	18.3	23	7	-18	-0.33	11.4	-8.5	2.7	39.6	-23	-8.1	-0.50	-4.51	-1.93			
SYF 160241 84815729	SYF 130223 SYF 120007	114	101	90	100	95	99	99	106	100	97	98	111	114	99	101	90	92	107	108	108	92	72	102	98	98	100	96	95	122	58	94	187	176	
		98	98	96	97	94	89	97	94	90	96	21	-0.13	-3.5	21	15.4	0.5	54	31.5	108	54	-23	-1.22	13.8	-7.8	-0.2	31.7	-6	9.3	2.89	-6.55	-0.59	59	61	

Sires

Bull				Selection Values								Birth			Wean				Grwth & Adaptation					Fertility				Raam		Carcass			Progeny				
Index EBV Acc	Genomic	Sire ID Dam ID	Comp.nr	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 birth	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		
																																				Birth	Wean
TOR 090196		TOR 050162		112	89	94	127	79	87	95	93	86	89	84	109	118	78	89	94	96	87	99	100	113	127	129	70	101	81	83	76	100	128	118	90	89	
69800951		TOR 050224		95	95	90	89	73	82	93	56	77	58	1	0.06	-4.0	-11	8.8	2.0	64	13.7	77	36	-58	1.82	30.3	7.9	-0.7	20.6	-17	-7.8	0.72	4.49	1.49	1	24	93
														85	96	91	89	95	90	91	94	77	56	32	86	84	78	49	91	83	78	55	61	56			

Growth Tests

Animal					Weight		Conformation				Growth & Efficiency					Carcass			
Test Code	Sex	Test number	Sire ID	Cow	Wean	End-	Length	Height	Length/	Scrotum	Intake	ADG	FCR	Veld	Growth	EMA	Fat	Marbling	Carcass
Test Station		ID	Dam ID	Value	dir	wt			Height					Growth	Value	Eye muscle Area			Value
202303 D21 M BUFLAND BOERDERY		0635622MIX MSM 220026 94552213	AG 181075 AG 160400	98	95	85	75	74	108	98	115	85	89	88	84	88	71	78	79
					12		-8	-23	1.18	11.4	0.15	23	-18	7		-0.50	-4.51	-1.93	
				48	55	61	56	65	60	68	24	54	24	18	42	52	61	52	56
202403 C32 M BUFLAND BOERDERY		0635622MIX MSM 230006 95715553	AG 140311 AG 160753	94	101	101	99	93	110	104	81	109	97	105	99	99	107	96	100
				51	59	63	13	-8	1.18	14.9	0.76	114	-31	48		0.54	1.20	-0.40	
					57	67	57	67	62	70	58	56	58	23	60	52	62	53	57
		MSM 230007 95772315	AG 181075 AG 160231	110	100	97	85	91	93	113	119	93	104	88	96	96	86	85	96
					23		0	-10	1.14	20.5	0.09	53	-43	7		0.31	-2.21	-1.35	
				79	86	86	86	87	86	88	85	86	85	83	86	85	86	85	86
202509 C32 M BUFLAND BOERDERY		0635622MIX MSM 250002 98199474	LAR 190319 AG 170333	105	111	107	101	89	122	105	101	97	95	112	98	111	97	101	109
					33		15	-12	1.22	15.9	0.41	68	-28	66		1.82	-0.45	0.07	
				54	70	51	50	53	52	53	24	49	24	47	38	46	48	46	47

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		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 Thicken	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
				Sire ID	Dam ID																															
GT 210122	92738954	1	AG 160386	113	104	111	101	93	113	115	111	113	111	91	112	110	96	104	111	116	104	110	100	106	104	107	87	92	111	104	107	95	119	101		
	92738954		GJN 160185	80	80	56	53	40	60	72	32	54	34	12	-0.23	-2.9	16	17.3	7.0	111	28.4	118	36	-46	0.5	16.9	-1.8	0.9	38.5	0	20	0.15	3.01	0.01		
														52	87	65	53	80	56	63	70	38	20	24	44	43	40	23	58	42	39	33	35	33		
MSM 220026	94552213	3	AG 181075	104	95	92	130	92	98	101	84	93	79	82	101	96	75	95	92	103	92	85	88	89	88	98	99	82	113	74	75	88	71	78		
	94552213		AG 160400	68	55	47	47	37	48	54	42	47	56	0	0.91	-1.1	-14	12.5	1.3	80	18.3	23	7	-18	-0.3	11.4	-8.5	2.7	39.6	-23	-8	-0.50	-4.51	-1.93		
														48	73	56	47	55	47	50	61	54	18	24	73	68	37	24	50	65	56	52	61	52		
AG 230312	95970364	15	GZV 190157	119	95	108	114	84	103	108	90	100	93	89	114	115	86	95	108	110	94	89	108	95	102	96	88	79	111	77	87	106	98	77		
	95970364		GZV 190150	66	67	46	44	31	50	60	28	46	18	9	-0.48	-3.6	1	12.3	6.0	99	19.5	37	54	-29	0.4	10.3	-2.4	3.1	38.2	-21	2	1.32	-0.33	-2.03		
														38	72	53	44	67	46	52	67	38	14	16	46	44	30	18	45	43	38	17	19	18		
MSM 230006	95715553	2	AG 140311	96	101	93	109	96	94	97	99	94	100	95	99	86	90	101	93	100	100	109	105	97	122	104	102	90	107	93	99	99	107	96		
	95715553		AG 160753	70	59	54	54	39	51	59	60	53	57	17	1.10	0.3	7	15.2	1.5	74	25.3	114	48	-31	1.5	14.9	-9.9	1.3	36.2	-8	13	0.54	1.20	-0.40		
														53	74	60	54	59	54	56	64	56	23	58	74	70	37	23	56	67	57	52	62	53		
MSM 230007	95772315	2	AG 181075	96	100	109	124	100	110	110	96	107	96	88	99	80	80	100	109	122	98	93	88	104	104	113	94	94	119	91	85	96	86	85		
	95772315		AG 160231	88	86	86	85	84	79	86	86	80	86	8	1.12	1.1	-8	14.9	6.5	125	23.1	53	7	-43	0.5	20.5	-5.8	0.6	43.4	-10	0	0.31	-2.21	-1.35		
														85	89	86	85	86	86	86	87	86	83	85	88	88	84	83	86	87	86	85	86	85		
MSM 250002	98199474	3	LAR 190319	98	111	101	97	91	105	112	98	103	109	103	93	112	101	111	101	110	113	97	112	95	114	105	95	85	111	89	101	111	97	101		
	98199474		AG 170333	69	70	54	52	39	54	65	38	51	47	27	1.68	-3.2	24	20.7	4.0	98	37.0	68	66	-28	1.1	15.9	-6.4	2.2	38.4	-12	15	1.82	-0.45	0.07		
														49	73	59	52	70	54	59	59	49	47	24	54	53	41	25	51	53	50	46	48	46		
MSM 250026	99263915	2	GT 210122	93	110	106	102	86	102	113	102	102	103	96	91	96	95	110	106	117	110	103	99	101	102	96	83	88	108	103	104	94	108	101		
	99263915		AG 180714	65	52	44	45	30	44	52	24	40	26	18	1.90	-1.1	15	20.4	5.5	116	34.2	92	34	-38	0.4	10.6	0.4	1.7	36.5	0	17	0.09	1.25	-0.01		
														44	70	53	45	52	44	47	46	29	19	17	33	32	29	18	44	32	30	25	27	25		
MSM 250027	99263923	2	GT 210122	101	106	105	102	86	102	111	102	102	103	96	99	101	95	106	105	113	107	103	99	101	102	96	83	88	108	103	104	94	108	101		
	99263923		AG 180714	65	52	44	45	30	44	52	24	40	26	18	1.05	-1.7	15	18.4	5.3	105	31.6	92	34	-38	0.4	10.6	0.4	1.7	36.5	0	17	0.09	1.25	-0.01		
														44	70	53	45	52	44	47	46	29	19	17	33	32	29	18	44	32	30	25	27	25		
MSM 250038	99492647	2	GT 210122	109	101	103	114	90	106	111	104	105	101	85	105	108	86	101	103	112	100	105	102	106	107	112	93	87	106	96	98	97	96	95		
	99492647		AG 210385	65	66	41	43	28	48	58	22	43	26	4	0.48	-2.7	1	15.6	4.5	103	24.6	99	42	-46	0.7	20.2	-4.9	1.7	35.5	-6	11	0.39	-0.53	-0.46		
														41	71	51	43	66	41	50	46	28	14	15	33	32	26	16	41	31	29	25	27	25		
MSM 250040	99505919		GT 210122	106	90	112	103	103	100	93			104	92	107	100	95	90	112	104	86	101	99	96	102	102	98	96	113	103	102	95	107	101		
	99505919		MSM 210924	57	59	35	27	22	40	50			17	12	0.29	-1.6	14	9.3	7.5	82	12.3	82	33	-30	0.4	13.9	-8.0	0.2	39.5	-1	16	0.15	1.09	-0.01		
														26	64	41	27	59	35	40	35	19	10	12	22	21	20	12	35	21	19	16	18	16		
MSM 250047	99752248	1	GT 210122	127	91	101	109	97	105	100			96	90	122	122	89	91	101	98	89	96	87	94	100	103	99	97	101	93	93	90	106	98		
	99752248		MSM 220027	61	49	35	33	25	39	46			20	11	-1.30	-4.5	6	10.0	4.1	68	15.3	64	5	-27	0.3	14.7	-8.3	-0.1	32.1	-8	7	-0.27	1.00	-0.21		
														32		46	33	49	35	39	44	23	13	14	26	26	25	15	36	25	23	19	20	19		
MSM 250049	99793820	3	GT 210122	119	97	101	106	74	94	103	99	94	101	91	117	112	92	97	101	102	96	98	96	87	97	97	71	81	103	87	88	92	107	107		
	99793820		AG 170063	67	65	46	46	33	50	59	26	45	27	11	-0.75	-3.2	10	13.1	4.0	79	21.7	70	26	-16	0.2	10.7	7.6	2.8	33.4	-13	3	-0.15	1.13	0.56		
														46	72	55	46	65	46	52	48	32	20	18	36	35	34	20	45	34	32	26	28	26		

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	EBV Acc																															
MSM 260002	2	GT 210122		102	105	102	103	84	99	108	96	97	96	96	100	103	95	105	102	110	105	98	92	95	107	96	78	86	112	98	98	89	106	92
99954851		AG 180713		66	65	45	45	31	49	59	22	44	24	18	1.00	-2.0	14	17.5	4.4	97	29.9	72	16	-29	0.7	10.1	3.7	2.0	39.3	-4	12	-0.46	0.93	-0.75
														45	72	54	45	65	45	52	48	27	17	16	31	31	32	18	44	30	28	23	25	23
MSM 260005	1	GT 210122		118	102	97	102	107	113	107	100	111	103	92	114	118	97	102	97	101	99	101	93	98	94	115	98	108	109	92	95	101	107	108
6020659071		AG 170074		64	55	48	46	34	46	54	26	42	27	13	-0.47	-3.9	17	15.9	2.7	75	24.0	82	18	-33	0.0	21.7	-8.1	-2.0	37.5	-10	9	0.79	1.21	0.59
														47	68	54	46	55	48	50	49	32	14	19	36	35	35	22	45	35	32	26	28	26
MSM 260006	2	GT 210122		120	96	99	110	104	110	103	101	108	99	88	118	110	89	96	99	102	95	102	103	94	92	102	95	110	101	94	91	93	111	98
6020706922		AG 160208		64	55	48	46	34	46	54	28	42	30	7	-0.93	-2.9	5	12.9	3.4	78	20.8	89	42	-26	-0.1	14.1	-6.4	-2.4	32.5	-8	6	-0.06	1.78	-0.26
														46	68	54	46	55	48	50	52	34	19	19	37	37	35	22	45	36	35	30	31	30

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
AG 160208 84352723	3	AG 130024 AG 080291		127 80	87 77	87 77	124 75	115 55	109 67	93 77	91 44	105 62	87 50	84 2 76	126 -1.77 81	110 -2.9 78	81 -6 75	87 8.2 77	87 -0.2 77	86 39 76	86 12.8 76	95 59 57	105 48 33	81 -5 30	80 -0.8 60	98 11.3 60	103 -11.1 58	128 -5.6 37	91 26.5 69	84 -16 59	76 -7 57	91 -0.26 49	103 0.55 51	94 -0.54 49
AG 160231 84352780	1	TOR 090196 AG 130038		104 80	98 75	95 73	132 74	94 51	104 65	107 75	95 46	101 61	98 44	78 -6 75	103 0.69 81	89 -0.1 77	73 -18 74	98 13.7 75	95 2.3 73	111 100 74	92 18.2 76	98 70 51	91 15 32	114 -59 37	120 1.4 59	133 32.5 57	84 0.3 54	104 -1.2 34	100 31.7 66	93 -9 56	87 2 51	104 1.07 41	124 3.79 46	102 0.14 41
AG 160417 84431345	2	AG 110215 AG 080069		105 80	108 75	95 71	110 75	84 55	103 66	113 75	103 42	102 61	110 40	90 11 75	101 0.91 81	111 -3.1 77	89 5 75	108 19.1 75	95 2.2 71	110 97 74	106 30.3 74	106 103 48	85 -1 39	103 -42 35	92 -0.1 53	102 13.9 52	97 -7.1 58	80 3.0 40	100 31.6 68	106 1 52	109 22 49	96 0.27 39	105 0.81 41	90 -0.91 39
AG 160753 85002350	2	AG 110192 AG 080005		86 79	105 76	92 75	102 75	94 53	89 66	95 76	101 48	90 62	103 46	104 29 75	90 2.04 80	81 1.0 76	96 17 75	105 17.4 76	92 1.2 75	99 71 75	106 30.3 76	102 88 53	86 1 24	92 -23 39	129 1.9 62	130 30.5 60	104 -11.4 57	81 2.8 39	112 39.3 67	86 -14 59	90 5 54	93 0.03 44	117 2.79 49	99 -0.14 44
AG 170063 85096758	5	AG 140051 AG 070466		109 79	89 75	96 72	119 76	55 51	72 65	92 75	86 40	71 60	86 41	87 6 75	107 0.28 80	103 -2.0 77	84 -2 76	89 8.9 75	96 2.5 72	94 60 74	90 15.9 66	83 15 52	94 21 34	66 20 26	90 -0.2 56	84 3.5 55	56 16.3 54	71 4.6 33	92 26.9 66	67 -29 55	65 -17 52	85 -0.86 39	95 -0.72 43	114 1.09 40
AG 170074 85140952	3	CEW 110234 AG 050318		119 81	100 77	83 78	102 74	122 54	112 67	98 77	88 42	107 62	95 42	93 14 78	115 -0.56 82	124 -4.9 78	97 18 74	100 15.0 77	83 -1.5 78	87 41 76	95 20.1 70	91 47 51	85 0 19	89 -19 30	85 -0.5 56	123 26.5 56	109 -14.4 58	125 -5.0 37	108 36.5 68	79 -19 55	84 -1 52	107 1.43 41	96 -0.59 44	115 1.18 41
AG 170324 86000320	2	JL 100198 AG 080798		102 80	100 75	106 74	101 76	100 55	103 66	102 76	95 42	101 61	101 50	95 17 73	100 0.94 81	102 -1.9 78	97 17 76	100 15.0 75	106 5.5 74	107 90 75	103 28.0 74	95 59 51	100 35 28	91 -21 32	96 0.1 55	105 15.8 54	94 -5.7 58	105 -1.4 39	101 32.7 68	107 2 54	98 12 52	108 1.45 49	108 1.25 51	109 0.71 49
AG 170333 86000411	3	AG 120070 AG 110413		98 80	98 75	105 74	105 76	85 52	92 66	100 76	77 40	87 61	87 46	87 5 76	94 1.64 81	104 -2.1 78	93 12 76	98 14.0 75	105 5.2 74	106 89 75	96 21.0 72	78 -3 49	92 16 47	76 3 30	96 0.1 53	97 10.7 53	98 -8.2 55	80 3.1 35	99 31.1 66	83 -17 52	78 -6 49	98 0.46 45	91 -1.35 48	99 -0.16 46
AG 170669 86614997	3	AG 140334 AG 090577		111 75	106 72	89 69	74 70	96 44	95 61	100 72	93 26	93 54	87 26	127 60 69	110 -0.06 77	120 -4.3 71	133 71 70	106 18.4 72	89 0.2 69	82 31 70	98 23.4 58	99 75 32	107 52 25	103 -41 20	88 -0.3 36	93 8.4 35	106 -12.5 41	93 0.7 29	96 29.6 62	103 -1 34	98 12 32	92 -0.08 25	90 -1.58 27	95 -0.51 25
AG 170988 86393832	11	AG 110317 AG 070110		111 78	94 70	88 76	136 75	72 51	89 64	101 73	72 41	83 59	76 33	73 -13 75	113 -0.34 79	133 -6.1 75	70 -23 75	94 12.0 70	88 0.0 76	102 77 74	91 16.8 64	80 4 50	99 33 30	87 -16 30	90 -0.2 55	98 11.5 54	77 3.9 52	77 3.5 36	98 30.6 66	73 -25 53	73 -10 50	85 -0.79 32	105 0.84 34	98 -0.26 32
AG 171050 86542636	3	AG 110317 AG 080719		111 79	91 77	96 78	133 77	86 56	96 68	100 77	89 43	93 63	83 38	84 2 75	111 -0.22 80	128 -5.3 77	72 -20 77	91 10.0 77	96 2.4 78	104 83 77	88 14.4 75	92 49 52	100 37 33	103 -41 31	100 0.3 57	115 22.0 57	110 -14.6 59	70 4.8 40	104 34.4 68	75 -23 56	74 -10 53	93 -0.04 37	101 0.16 39	89 -0.95 37
AG 180134 87333498	4	AG 150215 RHJ 160002		93 75	101 73	98 71	123 71	99 45	103 62	105 73	89 34	99 56	98 43	89 9 72	93 1.66 77	85 0.5 71	81 -6 71	101 15.7 73	98 3.1 71	111 100 72	94 19.2 64	92 49 47	89 10 25	99 -35 20	93 0.0 52	113 20.8 51	88 -2.4 48	106 -1.7 27	102 33.2 60	88 -13 50	87 2 47	101 0.82 41	125 3.94 45	125 2.07 42

Breeding Values and Accuracies: Cows & Heifers

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 Thicken	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
AG 180713 87768990	3	AG 140090 AG 120151			109 76	99 73	91 68	105 72	74 47	85 62	98 72	84 31	82 56	84 33	102 27	106 0.33	107 -2.6	94 13	99 14.5	91 1.0	95 60	102 26.9	88 35	80 -11	85 -12	110 0.9	86 4.7	66 10.2	79 3.1	113 39.7	96 -6	95 9	85 -0.82	92 -1.16	83 -1.50
AG 180714 87769006	5	AG 140090 AG 080090			93 78	106 66	99 68	104 72	79 45	91 60	105 69	94 35	90 55	96 39	101 25	92 1.79	94 -0.8	95 14	106 18.1	99 3.4	108 92	109 33.1	97 66	98 32	95 -28	100 0.3	86 4.3	80 2.6	83 2.4	103 33.9	103 -1	101 15	93 0.03	96 -0.50	100 -0.03
AG 190252 89200067	3	LAR 150116 RHJ 160026			113 75	99 75	86 75	117 72	103 48	105 64	100 74	92 35	102 58	92 34	91 12	116 -0.67	93 -0.6	85 0	99 14.5	86 -0.5	95 62	96 21.6	94 56	83 -6	93 -25	116 1.2	97 11.2	113 -16.6	96 0.2	99 31.3	90 -11	90 4	108 1.45	104 0.71	90 -0.90
AH 200133 91187005	7	SYF 160241 ADV 130054			104 78	99 76	88 75	107 75	105 51	99 66	95 76	89 40	96 61	90 56	92 13	105 0.42	96 -1.0	92 10	99 14.5	88 -0.1	93 56	101 26.1	92 50	83 -4	85 -12	93 -0.1	101 13.3	108 -13.6	101 -0.7	105 34.9	86 -14	83 -1	106 1.29	95 -0.70	96 -0.36
LFR 200098 91363531	3	LMR 160124 LMR 100007			110 76	87 73	92 66	121 70	107 49	97 62	89 72	84 43	93 58	82 54	79 -5	110 -0.10	97 -1.1	83 -3	87 8.2	92 1.2	90 48	86 12.5	88 34	88 8	80 -4	118 1.3	85 3.8	107 -13.4	106 -1.7	104 34.1	82 -17	79 -5	100 0.66	93 -1.07	90 -0.94
MSM 200318 98787450					100 29	75 26	110 39	88 59							106 32	103 0.62	100 -1.6	112 40	75 1.3	110 6.6	79 24	68 -3.4						112 39.0							
AG 210385 92462803	2	LES 170037 AG 171050			105 71	100 68	93 57	127 67	86 37	99 56	107 66	97 31	98 51	89 39	82 -1	101 0.87	110 -2.9	78 -11	100 15.0	93 1.5	107 91	96 21.6	101 82	104 46	105 -45	109 0.8	118 23.6	98 -7.8	82 2.6	99 31.5	89 -12	89 4	97 0.43	74 -4.05	90 -0.94
AG 210393 92462878	3	AG 160138 AG 150847			115 73	88 60	100 54	128 52	90 41	97 52	97 60	76 34	91 48	82 24	82 0	114 -0.50	98 -1.3	77 -13	88 8.3	100 3.8	102 77	85 11.5	78 -4	84 -3	85 -12	110 0.9	104 15.2	97 -7.2	83 2.5	109 37.5	68 -29	70 -13	95 0.15	93 -1.03	82 -1.56
MSM 210924 98787468					100 29	75 26	114 39									103 0.70			75 1.8	114 7.9								111 38.8							
AVK 220233 94236411	1	AJF 190127 AVK 180202			76 70	108 70	116 60	90 68	81 34	89 56	104 68	120 35	95 52	116 27	109 36	64 4.77	78 1.4	109 68	108 70	116 60	115 66	111 34.9	118 149	111 63	110 -53	84 -0.6	102 14.2	76 4.6	93 0.7	98 30.4	113 7	114 26	118 2.51	101 0.16	104 0.30
MSM 220018 93834554	3	AG 160239 AG 170074			107 89	106 89	78 88	118 88	119 86	113 81	104 89	94 85	110 82	104 85	86 4	104 0.51	102 -1.8	85 0	106 18.0	78 -3.1	94 59	100 24.9	101 83	78 -18	94 -27	116 1.2	140 36.9	104 -11.5	117 -3.6	116 41.3	67 -30	82 -2	106 1.27	105 0.82	109 0.74
MSM 220023 94361946	2	AG 140311 TOR 160269			102 71	94 70	120 61	129 70	94 39	110 58	111 68	91 34	106 53	95 31	81 -2	103 0.64	83 0.7	75 -15	94 11.6	120 9.9	130 146	95 20.6	95 62	121 87	95 -29	113 1.0	90 6.6	96 -6.5	96 0.1	99 31.2	94 -8	99 12	91 -0.20	97 -0.39	106 0.47

Breeding Values and Accuracies: Cows & Heifers

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 Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
MSM 220027 94552221		AG	171050		113 64	87 59	94 40	121 38	102 30	97 45	91 54	77 22	91 40	82 20	90 9	110 -0.12	122 -4.6 51	83 38	87 59	94 40	91 46	82 49	82 26	74 -26 16	81 -5 16	96 0.1 29	100 12.5 28	110 -14.9 30	103 -1.1 20	90 25.8 41	83 -17 28	79 -5 26	86 -0.70 19	93 -1.00 20	96 -0.43 19
MSM 230004 95632469	1	AG 140311 AG 150330			109 69	97 58	94 53	107 53	87 38	93 50	97 58	96 31	92 46	95 28	93 15	109 0.05	102 -1.8 59	92 10	97 13.4	94 2.0	97 65	96 21.1	100 80	109 58	101 -38	112 1.0	104 15.1	92 -4.5	93 0.7	92 27.1	96 -6	97 11	97 0.34	104 0.65	95 -0.45
MSM 230005 95654877	2	AG 140311 AG 150285			108 70	89 69	94 56	123 53	79 38	84 54	91 65	83 32	81 50	85 30	84 2	109 0.07	92 -0.5 60	81 -5	89 8.8	94 1.8	93 57	88 14.0	86 28	97 28	84 -10	99 0.3	86 4.6	82 1.4	90 1.3	91 26.6	87 -13	88 3	103 0.99	83 -2.65	93 -0.68
MSM 230014 96038880	2	AG 181075 AG 160208			117 66	91 66	94 50	127 48	103 37	106 51	100 61	87 33	102 47	82 36	83 1	117 -0.85	98 -1.3 56	78 -10 48	91 10.3	94 2.0	99 71	92 17.9	88 35	121 88 20	86 -13	83 -0.6	93 8.7	108 -13.6	101 -0.7	100 31.9	82 -18	77 -7 40	86 -0.72	82 -2.82	86 -1.28
MSM 230016 96087341	4	AG 140311 AG 180134			98 68	100 69	96 54	123 52	95 36	101 53	104 64	85 31	97 49	92 32	87 6	99 1.09	87 0.2 59	81 -6	100 15.0	96 2.3	107 91	94 19.6	92 48	97 30	95 -28	99 0.3	101 13.2	93 -5.2	102 -0.9	95 29.0	87 -13	90 5	102 0.89	106 1.07	108 0.66
MSM 230018 96201389	3	AG 140311 AG 170063			103 70	94 59	96 53	123 54	74 38	86 51	99 59	84 32	83 47	86 32	85 3	103 0.70	93 -0.7 60	81 -6	94 12.0	96 2.4	101 77	94 19.3	87 31	111 62	80 -3	97 0.2	86 4.6	77 3.9	84 2.2	91 26.4	77 -21 43	79 -5 40	94 0.06	92 -1.26	103 0.17
AG 240595 98096134	3	AG 200357 AG 200351			107 66	102 53	98 45	100 38	102 31	105 44	103 52	83 23	100 40	90 21	97 20	108 0.16	102 -1.9 51	98 19	102 16.1	98 3.1	102 77	101 26.0	87 29	93 19	83 -9	91 -0.2	105 16.0	110 -14.8	101 -0.7	96 29.6	88 -13	88 3	88 -0.49	83 -2.68	84 -1.43
LFR 240096 97824205	2	LFR 210002 LFR 200098			116 66	95 58	85 46	107 46	106 35	99 48	92 56	96 36	98 46	98 46	88 7	116 -0.65	107 -2.5 54	92 10	95 12.1	85 -0.9	86 39	96 21.9	99 76	100 36	92 -23	110 0.9	99 11.9	113 -16.2	95 0.3	108 36.5	83 -17	87 2	105 1.17	111 1.77	101 0.06
MSM 240002 96323563	2	AG 140311 AG 171050			113 70	94 69	95 56	129 54	89 40	101 55	105 65	85 34	97 51	81 30	84 2	108 0.15	107 -2.5 61	76 -13 54	94 12.0	95 2.2	104 84	92 17.7	91 43	116 73	97 -32	102 0.4	101 13.2	105 -12.1	84 2.3	96 29.7	79 -20 44	81 -4 41	95 0.16	95 -0.81	90 -0.87
MSM 240005 96589973	2	AG 140311 AG 180714			102 60	100 67	96 53	112 53	85 36	94 51	101 62	89 32	91 47	92 32	92 13	102 0.76	93 -0.7 56	87 4	100 14.8	96 2.6	104 83	101 25.7	95 61	112 65	94 -28	102 0.4	88 5.6	88 -2.5	90 1.1	96 29.1	96 -6	99 13	99 0.58	92 -1.16	96 -0.38
MSM 240006 96928460	2	AG 140311 AG 170669			111 59	100 58	91 52	94 52	93 35	95 48	95 56	88 30	92 44	87 28	105 30	111 -0.15	109 -2.8 55	106 31	100 15.1	91 1.0	90 49	95 20.9	95 62	117 78	98 -33	96 0.1	90 7.1	102 -10.5	95 0.2	91 26.4	95 -7	95 9	98 0.45	89 -1.70	93 -0.63
MSM 250001 98148224	3	LAR 190319 AG 160417			97 69	118 70	96 53	98 51	90 40	109 54	119 64	111 38	110 51	117 46	106 31	93 1.69	114 -3.5 59	100 22	118 24.6	96 2.5	113 105	121 43.4 64	111 120	118 79	109 -51	113 1.0	108 17.4	95 -6.2	85 2.1	107 36.1	100 -3	116 28	107 1.41	104 0.65	97 -0.33

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	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 -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
Animal no	%	Parentage	EBV Acc																															
MSM 250005	2	LAR 190319	AG 160208	117	106	91	101	106	113	109	104	112	105	104	112	118	97	106	91	99	109	103	125	96	106	104	99	109	103	87	97	104	103	99
98148232		AG 160208		69	70	55	51	40	55	65	38	52	48	29	-0.31	-4.0	18	18.3	0.9	71	33.0	92	97	-31	0.6	15.4	-8.6	-2.2	33.9	-13	11	1.07	0.52	-0.15
MSM 250007	2	MSM 220026	AG 170074	110	99	88	114	106	105	100	86	100	87	87	105	110	86	99	88	96	94	88	87	89	86	110	104	103	108	77	80	98	84	96
98676729		AG 170074		65	47	45	44	34	43	49	30	40	36	7	0.43	-3.0	2	14.4	0.0	63	20.0	35	4	-18	-0.4	19.0	-11.4	-1.1	36.5	-21	-4	0.46	-2.55	-0.38
MSM 250012		AG 170669		108	93	94	90	104	91	85			78	108	108	109	110	93	94	84	88	84	99	84	90	87	110	115	77	95	88	81	88	98
98962954				58	62	36	35	23	43	53			13	34	0.18	-2.7	37	11.3	1.9	35	14.4	20	34	-10	-0.3	5.3	-14.9	-3.2	17.9	-7	3	-1.24	-1.85	-0.25
MSM 250013		AG 210393		105	87	100	121	101	94	90			77	87	106	93	83	87	100	96	84	74	88	74	101	94	105	110	83	78	75	84	90	92
98984776				57	30	27	26	21	30	33			12	5	0.38	-0.7	-3	7.7	3.6	64	10.3	-19	6	6	0.4	8.9	-12.2	-2.3	21.9	-21	-8	-0.96	-1.58	-0.76
MSM 250015	3	KVB 180083	AVK 220233	87	99	114	105	94	96	101	115	99	118	97	89	83	92	99	114	116	104	112	108	103	74	99	96	96	100	93	106	118	114	117
99143521		AVK 220233		68	70	53	53	34	53	64	34	49	26	19	2.10	0.8	11	14.5	7.9	112	28.7	126	55	-42	-1.1	12.1	-6.6	0.2	32.0	-9	19	2.45	2.34	1.40
MSM 250019	3	GT 210122	AG 170988	115	104	98	111	83	104	112	92	101	94	87	111	121	88	104	98	109	101	96	98	98	98	103	82	84	107	90	92	91	112	99
99187866		AG 170988		66	67	48	46	34	51	61	26	46	24	6	-0.19	-4.4	4	16.9	3.1	95	26.2	65	32	-33	0.2	14.7	1.5	2.2	35.9	-11	6	-0.23	1.92	-0.12
MSM 250024		GT 210122	MSM 200318	106	87	112	96	104	95	87			98	96	107	102	102	87	112	97	86	99	101	95	101	101	99	96	114	101	99	90	107	100
99243297		MSM 200318		57	59	35	40	22	42	52			17	19	0.23	-1.8	25	8.2	7.3	66	12.7	76	37	-29	0.4	13.1	-8.6	0.2	40.4	-3	13	-0.31	1.11	-0.05
MSM 250033	2	GT 210122	MSM 220023	107	106	113	106	94	114	117	103	113	106	92	107	102	92	106	113	122	104	105	108	102	109	101	90	94	108	102	107	96	108	104
99328528		MSM 220023		63	64	42	44	29	47	57	24	42	23	13	0.28	-1.8	10	18.0	7.6	126	28.2	100	55	-40	0.8	13.1	-3.2	0.5	36.4	-1	20	0.25	1.30	0.26
MSM 250034	2	GT 210122	MSM 220018	112	105	94	108	107	114	109	102	112	106	89	110	107	91	105	94	105	102	105	90	100	110	123	96	105	115	85	94	99	112	105
99334526		MSM 220018		63	65	43	43	30	48	58	24	43	24	8	-0.07	-2.6	8	17.7	1.8	84	26.5	99	10	-36	0.9	26.7	-6.8	-1.4	41.0	-15	8	0.61	1.92	0.37
MSM 250039	2	GT 210122	AG 180134	97	106	105	108	96	107	111	101	106	105	92	96	95	90	106	105	116	101	102	94	103	99	111	87	99	109	97	98	99	122	113
99493538		AG 180134		65	67	46	44	31	49	60	24	44	28	12	1.44	-0.9	8	18.3	5.2	113	26.1	86	22	-42	0.3	19.2	-1.8	-0.4	37.0	-6	12	0.54	3.47	1.04
MSM 250045	2	GT 210122	AG 170324	107	100	109	102	97	107	107	103	106	105	92	106	105	95	100	109	111	102	103	100	99	100	106	90	98	109	106	103	100	113	105
99744542		AG 170324		67	65	47	46	35	50	60	26	45	30	13	0.39	-2.3	15	15.0	6.6	99	27.1	90	35	-34	0.3	16.5	-3.6	-0.3	37.1	1	16	0.72	2.13	0.36
MSM 260007	2	GT 210122	AG 170333	107	101	108	103	89	102	107	94	100	99	89	104	108	95	101	108	110	99	94	96	92	100	102	93	86	105	93	92	96	105	100
6020725328		AG 170333		65	55	46	46	33	46	54	26	42	29	8	0.57	-2.6	14	15.3	6.1	98	24.3	57	26	-23	0.3	13.8	-5.0	2.0	34.8	-8	7	0.30	0.83	-0.07
														46	70	54	46	55	46	49	50	31	26	19	34	34	34	21	44	33	31	28	30	28

Breeding Values and Accuracies: Cows & Heifers

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 -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
MSM 260008 6020725856	2	GT 210122 AH 200133			105 64	103 55	100 47	104 46	99 33	106 46	106 54	100 26	105 42	100 33	92 12 46	105 0.45 69	101 -1.7 53	94 13 46	103 16.7 55	100 3.6 47	106 88 49	104 28.4 50	101 84 35	92 16 23	96 -29 15	99 0.2 39	104 15.1 38	98 -7.7 35	96 0.1 21	108 36.7 42	95 -7 37	95 9 35	100 0.72 32	107 1.15 34	99 -0.18 32
MSM 260009 6020805716	3	GT 210122 AG 160417			112 65	105 55	103 45	106 46	88 34	108 46	113 54	107 26	108 42	110 26	91 11 46	108 0.11 70	112 -3.2 54	92 11 46	105 17.6 55	103 4.5 45	111 101 49	104 28.6 50	108 111 31	92 18 22	105 -44 21	98 0.2 34	104 15.4 34	92 -4.4 35	86 1.9 23	105 35.0 45	105 1 33	108 21 31	95 0.21 25	112 1.91 27	95 -0.45 25

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	Acc									
				<i>Italics: DNA Test</i>																										
											★★★★★																			
1	GT 210122	GT210122	AG 160386	GJN 160185	7	1.2	HH(c)	0	0	0	113	80	104	80	111	56	101	53	93	40	113	60	115	72	111	32	113	54	111	34
2	MSM 230007	MSM 230007	AG 181075	AG 160231	6	1.9	HH(c)	1	0	0	96	88	100	86	109	86	124	85	100	84	110	79	110	86	96	86	107	80	96	86
											★★★★☆																			
1	AG 230312	AG230312	GZV 190157	GZV 190150	7	14.5		0			119	66	95	67	108	46	114	44	84	31	103	50	108	60	90	28	100	46	93	18
											★★★★																			
1	MSM 220026	MSM 220026	AG 181075	AG 160400	6	2.9					104	68	95	55	92	47	130	47	92	37	98	48	101	54	84	42	93	47	79	56
2	MSM 230006	MSM 230006	AG 140311	AG 160753	6	2.1					96	70	101	59	93	54	109	54	96	39	94	51	97	59	99	60	94	53	100	57

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											
							<i>Italics: DNA Test</i>																								
										★★★★★																					
1	AG 170074	AG170074	CEW 110234	AG 050318	7	2.6					119	81	100	77	83	78	102	74	122	54	112	67	98	77	88	42	107	62	95	42	
2	MSM 220018	MSM 220018	AG 160239	AG 170074	7	2.6	HH(c)	0	0	0		107	89	106	89	78	88	118	88	119	86	113	81	104	89	94	85	110	82	104	85
3	MSM 220023	MSM 220023	AG 140311	TOR 160269	7	1.6					102	71	94	70	120	61	129	70	94	39	110	58	111	68	91	34	106	53	95	31	
										★★★★☆																					
1	AG 160208	AG160208	AG 130024	AG 080291	8	2.7					127	80	87	77	87	77	124	75	115	55	109	67	93	77	91	44	105	62	87	50	
2	AG 160231	AG160231	TOR 090196	AG 130038	7	1.3					104	80	98	75	95	73	132	74	94	51	104	65	107	75	95	46	101	61	98	44	
3	AG 160417	AG160417	AG 110215	AG 080069	7	2.5					105	80	108	75	95	71	110	75	84	55	103	66	113	75	103	42	102	61	110	40	
4	AG 170324	AG170324	JL 100198	AG 080798	7	2.5					102	80	100	75	106	74	101	76	100	55	103	66	102	76	95	42	101	61	101	50	
5	AG 180134	AG180134	AG 150215	RHJ 160002	7	3.6					93	75	101	73	98	71	123	71	99	45	103	62	105	73	89	34	99	56	98	43	
6	AG 190252	AG190252	LAR 150116	RHJ 160026	7	2.9		0			113	75	99	75	86	75	117	72	103	48	105	64	100	74	92	35	102	58	92	34	
7	AG 240595	AG240595	AG 200357	AG 200351	7	3.0					107	66	102	53	98	45	100	38	102	31	105	44	103	52	83	23	100	40	90	21	
8	MSM 230014	MSM 230014	AG 181075	AG 160208	7	2.2					117	66	91	66	94	50	127	48	103	37	106	51	100	61	87	33	102	47	82	36	
9	MSM 230016	MSM 230016	AG 140311	AG 180134	6	3.7					98	68	100	69	96	54	123	52	95	36	101	53	104	64	85	31	97	49	92	32	
10	MSM 240002	MSM 240002	AG 140311	AG 171050	7	2.1					113	70	94	69	95	56	129	54	89	40	101	55	105	65	85	34	97	51	81	30	
										★★★★																					
1	AG 170333	AG170333	AG 120070	AG 110413	7	3.2					98	80	98	75	105	74	105	76	85	52	92	66	100	76	77	40	87	61	87	46	
2	AG 170669	AG170669	AG 140334	AG 090577	7	3.3					111	75	106	72	89	69	74	70	96	44	95	61	100	72	93	26	93	54	87	26	
3	AG 171050	AG171050	AG 110317	AG 080719	6	3.3					111	79	91	77	96	78	133	77	86	56	96	68	100	77	89	43	93	63	83	38	
4	AG 180714	AG180714	AG 140090	AG 080090	6	4.9					93	78	106	66	99	68	104	72	79	45	91	60	105	69	94	35	90	55	96	39	
5	AG 210385	AG210385	LES 170037	AG 171050	7	2.4					105	71	100	68	93	57	127	67	86	37	99	56	107	66	97	31	98	51	89	39	
6	AG 210393	AG210393	AG 160138	AG 150847	7	2.9					115	73	88	60	100	54	128	52	90	41	97	52	97	60	76	34	91	48	82	24	
7	AH 200133	AH200133	SYF 160241	ADV 130054	7	6.7		0	0	0	104	78	99	76	88	75	107	75	105	51	99	66	95	76	89	40	96	61	90	56	
8	LFR 200098	LFR 200098	LMR 160124	LMR 100007	7	3.1					110	76	87	73	92	66	121	70	107	49	97	62	89	72	84	43	93	58	82	54	
9	LFR 240096	LFR 240096	LFR 210002	LFR 200098	7	1.5					116	66	95	58	85	46	107	46	106	35	99	48	92	56	96	36	98	46	98	46	
10	MSM 220027	MSM 220027		AG 171050	6	0.0					113	64	87	59	94	40	121	38	102	30	97	45	91	54	77	22	91	40	82	20	
11	MSM 230004	MSM 230004	AG 140311	AG 150330	6	1.2					109	69	97	58	94	53	107	53	87	38	93	50	97	58	96	31	92	46	95	28	

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										
				<i>Italics: DNA Test</i>																							
								★★★★																			
12	MSM 240005	MSM 240005	AG 140311	AG 180714	6	2.4		102	60	100	67	96	53	112	53	85	36	94	51	101	62	89	32	91	47	92	32
13	MSM 240006	MSM 240006	AG 140311	AG 170669	7	1.9		111	59	100	58	91	52	94	52	93	35	95	48	95	56	88	30	92	44	87	28
								★★★★☆																			
1	AG 160753	AG 160753	AG 110192	AG 080005	8	2.0		86	79	105	76	92	75	102	75	94	53	89	66	95	76	101	48	90	62	103	46
2	AG 170988	AG170988	AG 110317	AG 070110	8	10.7		111	78	94	70	88	76	136	75	72	51	89	64	101	73	72	41	83	59	76	33
3	AG 180713	AG180713	AG 140090	AG 120151	7	3.4		109	76	99	73	91	68	105	72	74	47	85	62	98	72	84	31	82	56	84	33
4	AVK 220233	AVK220233	AJF 190127	AVK 180202	8	0.8	000	76	70	108	70	116	60	90	68	81	34	89	56	104	68	120	35	95	52	116	27
5	MSM 230005	MSM 230005	AG 140311	AG 150285	7	2.4		108	70	89	69	94	56	123	53	79	38	84	54	91	65	83	32	81	50	85	30
6	MSM 230018	MSM 230018	AG 140311	AG 170063	7	2.6		103	70	94	59	96	53	123	54	74	38	86	51	99	59	84	32	83	47	86	32
								★★★																			
1	AG 170063	AG170063	AG 140051	AG 070466	7	5.5		109	79	89	75	96	72	119	76	55	51	72	65	92	75	86	40	71	60	86	41

Selection List on Cow Value

Bull calves younger than 2 years

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	MSM 260005	MSM260005	GT 210122	AG 170074	1.4			118	64	102	55	97	48	102	46	107	34	113	46	107	54	100	26	111	42	103	27
2	MSM 260006	MSM 260006	GT 210122	AG 160208	1.5			120	64	96	55	99	48	110	46	104	34	110	46	103	54	101	28	108	42	99	30
								★★★★☆																			
1	MSM 250002	MSM 250002	LAR 190319	AG 170333	3.3			98	69	111	70	101	54	97	52	91	39	105	54	112	65	98	38	103	51	109	47
2	MSM 250026	MSM 250026	GT 210122	AG 180714	2.1			93	65	110	52	106	44	102	45	86	30	102	44	113	52	102	24	102	40	103	26
3	MSM 250027	MSM 250027	GT 210122	AG 180714	2.1			101	65	106	52	105	44	102	45	86	30	102	44	111	52	102	24	102	40	103	26
4	MSM 250038	MSM 250038	GT 210122	AG 210385	1.9			109	65	101	66	103	41	114	43	90	28	106	48	111	58	104	22	105	43	101	26
5	MSM 250040	MSM 250040	GT 210122	MSM 210924	0.0			106	57	90	59	112	35	103	27	103	22	100	40	93	50					104	17
6	MSM 250047	MSM 250047	GT 210122	MSM 220027	1.2			127	61	91	49	101	35	109	33	97	25	105	39	100	46					96	20
								★★★★																			
1	MSM 250049	MSM 250049	GT 210122	AG 170063	2.8			119	67	97	65	101	46	106	46	74	33	94	50	103	59	99	26	94	45	101	27
2	MSM 260002	MSM 260002	GT 210122	AG 180713	2.0			102	66	105	65	102	45	103	45	84	31	99	49	108	59	96	22	97	44	96	24

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										
Sorted on ID								Q204X	nt821	F94L																			
								<i>Italics: DNA Test</i>			Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc										
										★★★★★																			
1	MSM 250005	MSM 250005	LAR 190319	AG 160208	8	1.9				117	69	106	70	91	55	101	51	106	40	113	55	109	65	104	38	112	52	105	48
2	MSM 250033	MSM 250033	GT 210122	MSM 220023		1.6				107	63	106	64	113	42	106	44	94	29	114	47	117	57	103	24	113	42	106	23
3	MSM 250034	MSM 250034	GT 210122	MSM 220018		1.9				112	63	105	65	94	43	108	43	107	30	114	48	109	58	102	24	112	43	106	24
										★★★★☆																			
1	MSM 250001	MSM 250001	LAR 190319	AG 160417	6	3.4				97	69	118	70	96	53	98	51	90	40	109	54	119	64	111	38	110	51	117	46
2	MSM 250007	MSM 250007	MSM 220026	AG 170074	7	2.2				110	65	99	47	88	45	114	44	106	34	105	43	100	49	86	30	100	40	87	36
3	MSM 250019	MSM 250019	GT 210122	AG 170988		2.9				115	66	104	67	98	48	111	46	83	34	104	51	112	61	92	26	101	46	94	24
4	MSM 250039	MSM 250039	GT 210122	AG 180134		2.0				97	65	106	67	105	46	108	44	96	31	107	49	111	60	101	24	106	44	105	28
5	MSM 250045	MSM 250045	GT 210122	AG 170324		2.2				107	67	100	65	109	47	102	46	97	35	107	50	107	60	103	26	106	45	105	30
6	MSM 260007	MSM 260007	GT 210122	AG 170333		2.2				107	65	101	55	108	46	103	46	89	33	102	46	107	54	94	26	100	42	99	29
7	MSM 260008	MSM 260008	GT 210122	AH 200133		2.5				105	64	103	55	100	47	104	46	99	33	106	46	106	54	100	26	105	42	100	33
8	MSM 260009	MSM 260009	GT 210122	AG 160417		3.2				112	65	105	55	103	45	106	46	88	34	108	46	113	54	107	26	108	42	110	26
										★★★★																			
1	MSM 250012	MSM 250012		AG 170669	7	0.0				108	58	93	62	94	36	90	35	104	23	91	43	85	53					78	13
2	MSM 250013	MSM 250013		AG 210393		0.0				105	57	87	30	100	27	121	26	101	21	94	30	90	33					77	12
3	MSM 250015	MSM 250015	KVB 180083	AVK 220233		2.9				87	68	99	70	114	53	105	53	94	34	96	53	101	64	115	34	99	49	118	26
4	MSM 250024	MSM 250024	GT 210122	MSM 200318		0.0				106	57	87	59	112	35	96	40	104	22	95	42	87	52					98	17

