

BEEFMASTER

GENOMIC BREEDING VALUE REPORT

September 2026



MEYER AGRIC BEEFMASTERS

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BEEFMASTER
CATTLE BREEDERS' SOCIETY OF SA
BEESTELERSGENOOTSAP VAN SA



EBVs, EBVi's and GEBVs

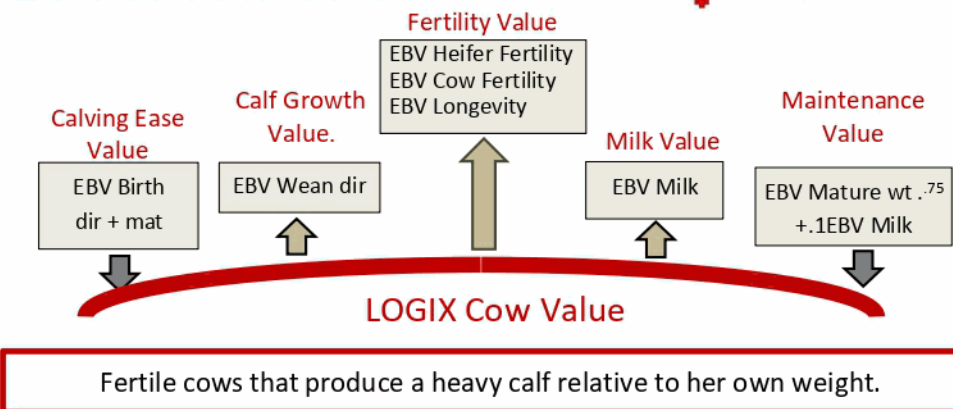
EBVi (Breeding Value Index): Genetic potential relative to the average (100) of the live (active) animals in the breed. Roughly 50% of the animals have values between 90 and 110. Values above 100, depending on the trait, tend to be in the more favourable direction.

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.

LOGIX Production Value



80% LOGIX Cow Value +
20% LOGIX Growth Value

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.

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)

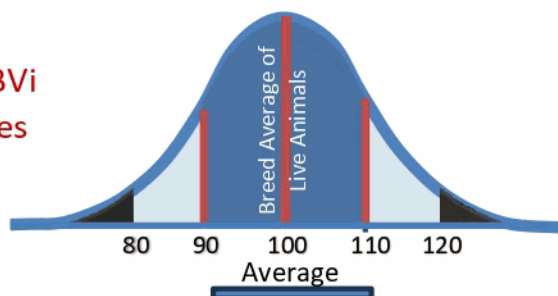
- WeanerCalf / Growth Value > 120
 - Cow Value and Fertility Value average to high
- Growers are usually heavier at birth (lower Calving Ease Value), and maturity (lower Maintenance Value).

LOW- MAINTENANCE ANIMALS

(HARSH ENVIRONMENT)

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

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

Contemporary Groups

The correct composition of contemporary groups is one of the cornerstones of BLUP breeding value estimation. Breeding values are estimated from the differences between animals exposed to the same environment, ***as these differences are caused by genetics***. The following aspects are important:

1. Animals at the same time, place and treatment

A contemporary group is a comparable group of animals measured at the same time in the same environment. It is therefore a comparable group of animals that were together on the same farm or camp in the same year and season. If there are animals in the group that were treated differently, they should be given a separate treatment code because their performance is influenced by other environmental influences than the rest of the group. Examples of possible different treatments are when some animals received supplements or creep feed, sale or show animals, embryo donors, sick or foster calves or even purchased cows and calves. If bull and heifer calves or older cows and young heifers were in the same camp, they should be placed in the same group – corrections for sex, age and first calving of cows are automatically made during breeding value estimation.

2. Progeny of at least two sires, of which one is a link sire

The progeny of different sires needs to be compared in the same group in order to determine the sires' genetic merit relative to each other. At least one sire should be a link sire with progeny in other herds. Genetic links between herds are used to determine the position of sires in the breed. All sires are good link sires. Smaller herds could artificially inseminate some cows or allow some cows to be covered by another herd's bull.

3. Larger groups stabilise Breeding Values

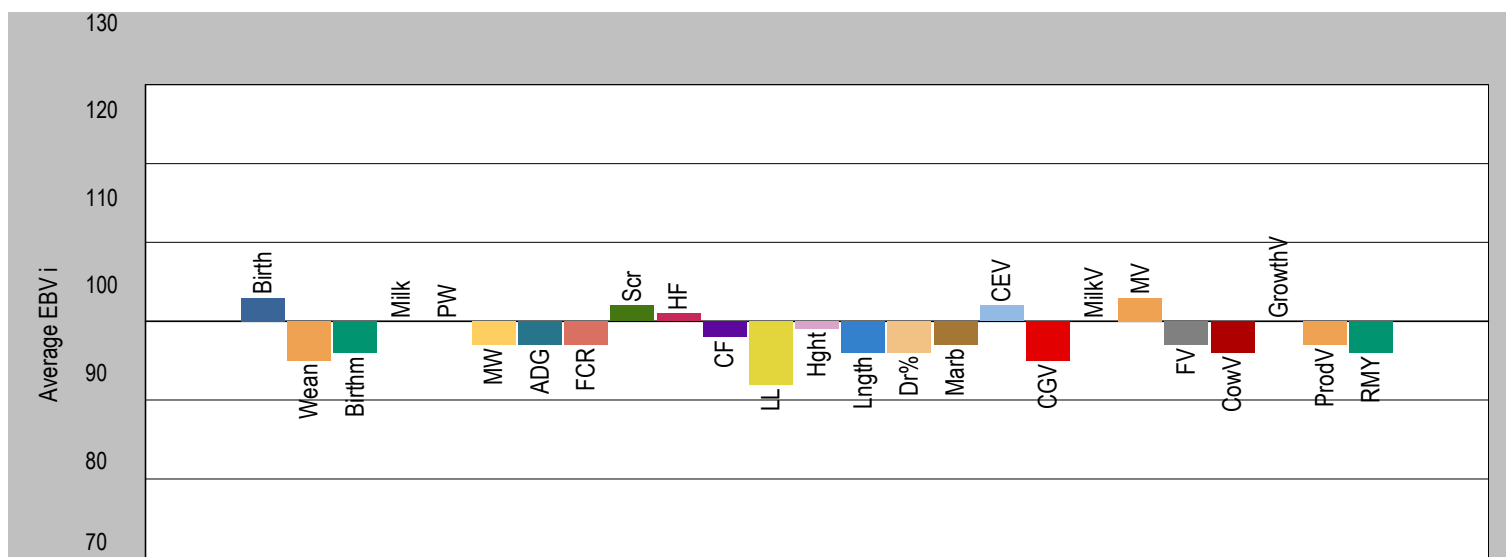
Larger groups result in more accurate and stable breeding values, as the mean and distribution of the group can be more accurately determined and are thus more representative. Groups should preferably have more than 5 animals. Weigh all the animals in the same group on the same day, as corrections for age differences are made during genetic evaluation. The use of breeding seasons rather than through the year calving will also increase contemporary group size. Groups with less than 3 animals are not included in breeding value estimation. An accidental mistake in a small group affects the animal itself, its family, all the other animals in the group and their families. The effect could be much less in large groups.

4. Measure all animals in the contemporary group

Weigh ALL the animals in the contemporary group, the good as well as the poor performers. Weigh animals before they are culled, so their parents can be penalized for their poor breeding.



Herd and Breed Averages



Breeding Values:

Birth:	Birth weight	Scr:	Scrotal circumf.
Wean:	Weaning weight	HF:	Heifer Fertility
Birthm:	Birth maternal	CF:	Cow Fertility
Milk:	Milk	LL:	Longevity
PW:	Post-wean weight	Hght:	Height
MW:	Mature weight	Lngth:	Length
ADG:	Average Daily Gain	EMA:	Eye Muscle Area
FCR:	Feed Conversion Ratio	RMY:	Carcass Value
		Marb:	Marbling

Selection Values:

CEV:	Calving Ease Value
CGV:	Calf Growth Value
MilkV:	Milk Value
MV:	Maintenance Value
FV:	Fertility Value
CowV:	Cow Value (CV)
GrowthV:	Growth Value (GV)
ProdV:	Production Value (PV)

	Trait	EBV Herd	EBV Index	EBV Breed
Prewrite Growth	Birth Weight	0.10	103	0.34
	Wean Weight	9.3	95	12.1
	Birth Mat.	0.10	96	-0.05
	Milk (Wn.Mat.)	-1.3	100	-1.4
Postwean Growth	Postwean Wt	18.7	100	19.0
	Mature Weight	4	97	7
	ADG	63	97	72
	FCR	-36	97	-39
Fertility	Scrotal Circumf.	12.0	102	11.1
	Heifer Fertility	-8.5	101	-7.5
	Cow Fertility	-3.6	98	-4.1
	Longevity	10.1	92	14.8
Frame	Height	1	99	1
	Length	9	96	13
Carcass	EMA	0.47	96	0.85
	Fat	0.10	100	0.11
	Marbling	0.11	97	0.30

Selection Value	Ave. Herd
Calving Ease	102
Calf Growth	95
Milk	100
Maintenance	103
Fertility	97
Cow Value	96
Growth Value	100
Production Value	97
Carcass Value	96

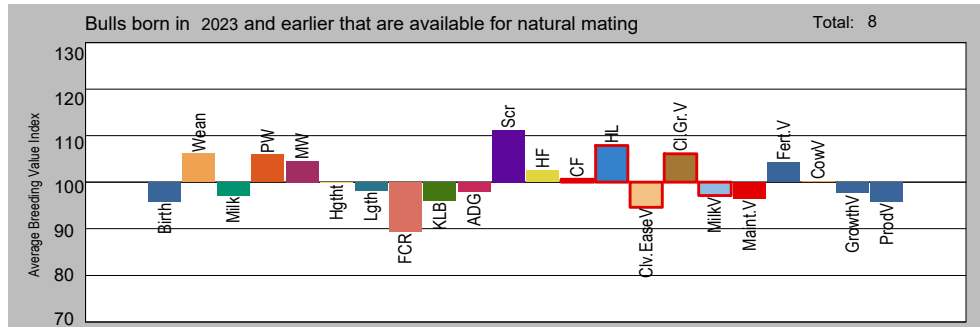
- Average of live animals in the breed: 100
- Above 100: **more favourable**,
- Below 100: **less favourable**

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

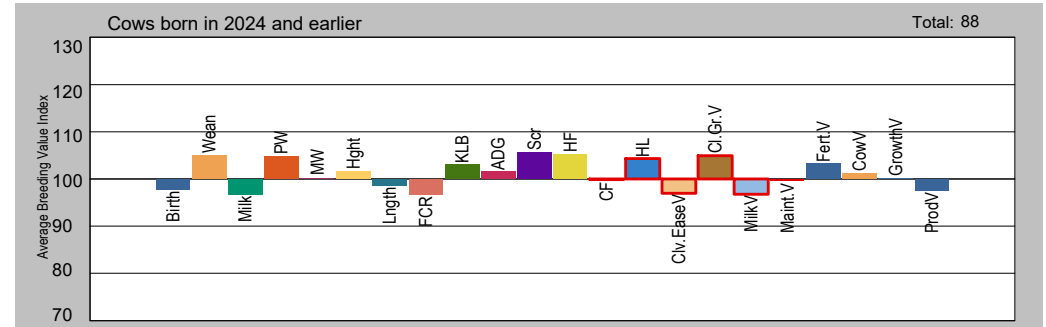
Genetic Windows

Bulls on the farm



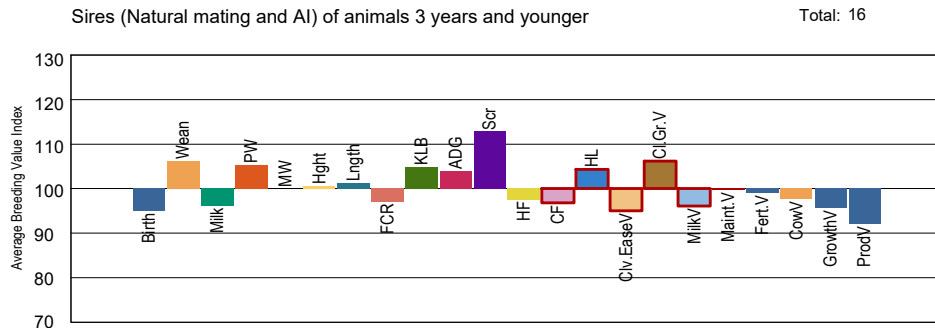
Animals available for breeding

Cow Herd

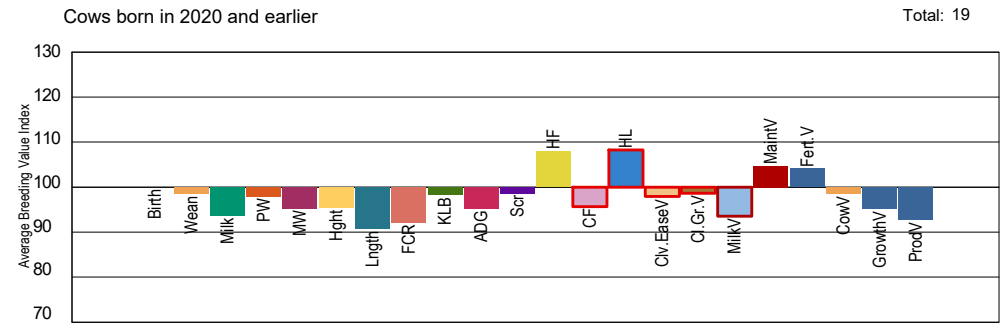


Results of previous selection decisions

Sires of young animals

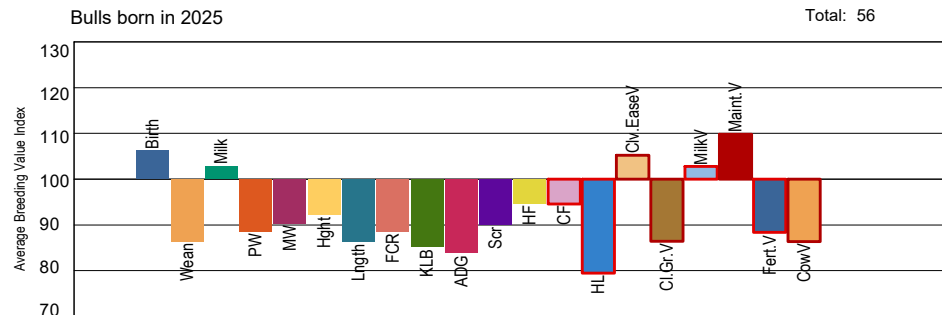


Cows older than 6 years

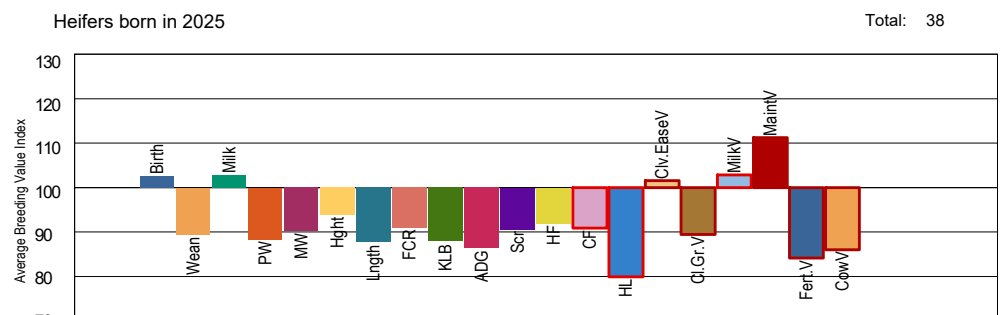


Selection possibilities

Bull calves



Heifer calves

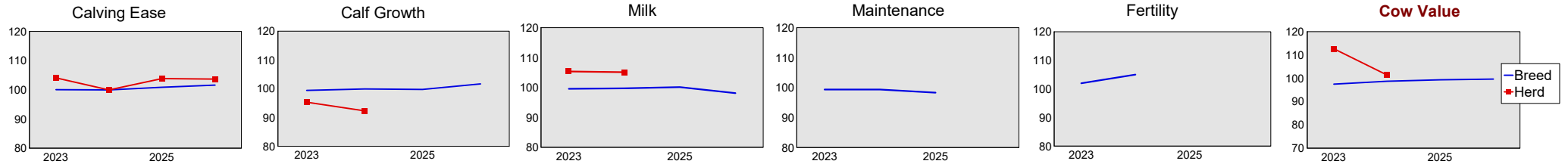


Summary of Cow Herd

			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	Kleiber	Scrotal Circumf.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	
Cows in Breed Average:			100	99	100	101	100	100	99	100	100	99	99	100	99	99	99	99	99	99	100	100	100	99	99
2012	1		104								108		88									90			
2016	1		88	92	108						92	92	90	108								98			
2018	32		★★★★	107	89	104	99	101	93	105	91	108	89	97	104	93	103	88	90	89	103	95	94	91	85
2019	14		★★★★	96	95	96	106	106	96	92	92	99	95	93	96	97	94	92	94	99	110	97	105	93	88
2020	14		★★★★	100	97	95	107	100	98	97	94	101	97	97	95	98	93	97	100	98	103	92	104	96	92
2021	31	★★★★	105	95	96	102	99	94	99	87	106	95	96	96	100	100	96	98	97	101	93	101	99	93	
2022	29	★★★★	103	102	91	98	102	91	91	81	105	102	94	91	104	102	92	91	96	106	94	96	97	94	
2023	17	★★★★☆	94	108	103	102	106	109	95	103	94	108	102	103	107	98	99	100	107	106	107	103	102	98	
2024	40	★★★★☆	96	108	99	96	103	103	105	100	97	108	98	99	109	103	108	110	112	106	104	100	105	105	
2025	38	★★★☆☆	102	89	103	111	84	86			103	89	96	103	88	90	86	88	91	92	91	80	94	88	
2026	23	★★★☆☆	103	91	102	109	87	89			104	91	96	102	92	91	88	89	91	94	93	81	95	90	
Cows in Herd Average:			100	97	100	103	99	95	98	93	102	97	95	100	99	97	94	96	98	102	96	96	97	93	

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.



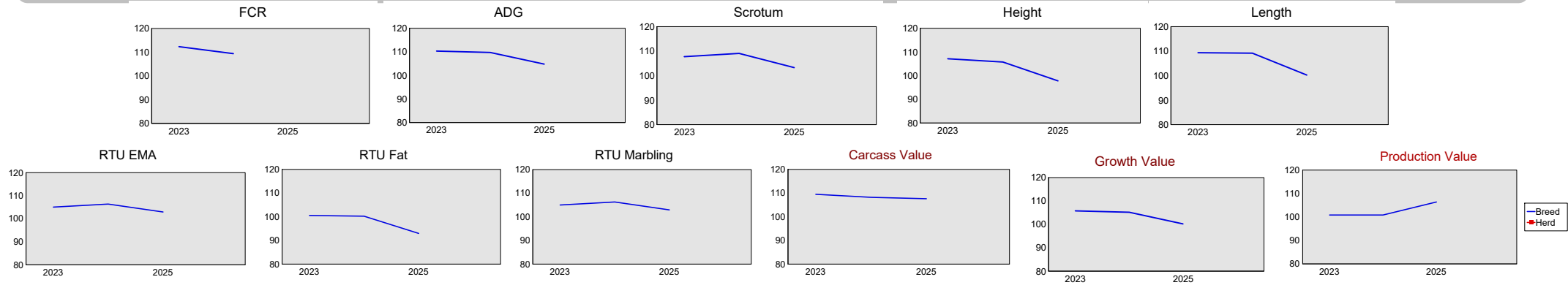
Herd

Birth Year	Calving Ease				Calf Growth			Milk			Maintenance				Fertility						Cow Value
	Birth Weight		Calv. Ease	Dir EBV	Mat EBV	Weaning Weight	Calf Growth	Milk (Wn.Mat.)		Postwean Weight	Mature Weight		Maintenance	Heifer Fert.		Cow Fert.		Longevity		Fertility	
	Number	EBV				Number		EBV	Number		EBV	Number		EBV	Number	EBV	Number	EBV	Number		
2023	49	-0.03	0.06	104	30	9.4	95	30	0.07	105										113	
2024	101	0.25	0.09	100	30	7.7	92	30	0.01	105										101	
2025	92	-0.06	0.14	104																	
2026	42	-0.01	0.08	104																	

Breed

Birth Year	Calving Ease				Calf Growth			Milk			Maintenance						Fertility								Cow Value
	Birth Weight		Calv. Ease	Dir EBV	Mat EBV	Weaning Weight		Calf Growth	Milk (Wn.Mat.)		Postwean Weight		Mature Weight		Maintenance	Heifer Fert.		Cow Fert.		Longevity		Ferti- lity			
	Number	EBV				Number	EBV		Number	EBV	Milk	Number	EBV	Number		EBV	Number	EBV	Number	EBV	Number		EBV	Number	
2016	13219	0.14	0.07	102		12679	9.1	95		12679	-1.48	100	8440	15.3	1794	3	102	3547	-3.4	2382	-3.3	17317	7.0	92	91
2017	13995	0.13	0.10	101		13543	9.5	95		13543	-1.37	100	9155	16.1	1876	5	102	3705	-3.9	2610	-3.3	17744	7.7	93	92
2018	14638	0.19	0.05	101		14085	10.0	96		14085	-1.34	100	9471	16.9	2043	6	101	3752	-4.9	2671	-3.5	18478	8.4	96	93
2019	14156	0.27	0.02	100		13892	10.8	98		13892	-1.52	100	9219	18.0	2528	6	101	4491	-5.8	3152	-3.8	18218	9.0	97	94
2020	15148	0.25	0.00	101		15376	10.8	98		15376	-1.55	99	10390	17.9	2588	6	100	4524	-5.8	3018	-3.8	19306	9.7	97	94
2021	16009	0.27	0.04	100		16004	10.8	98		16004	-1.35	100	10852	18.0	2635	6	100	4750	-5.2	2794	-3.8	18490	8.9	97	95
2022	17601	0.32	-0.01	100		16942	11.8	99		16942	-1.58	99	11576	19.5	2295	8	100	4355	-6.7	1065	-4.2	8636	9.8	100	97
2023	18573	0.32	-0.02	100		18307	11.8	99		18307	-1.53	100	11750	19.7	741	11	99	2183	-7.2	100	-4.8			102	98
2024	18117	0.35	-0.05	100		16963	12.1	100		16963	-1.48	100	9904	20.0	3	6	99	166	-7.7					105	99
2025	17947	0.27	-0.03	101		15468	12.0	100		15468	-1.38	100	2468	22.0			98								99
2026	5644	0.19	0.00	102		192	13.1	102		192	-1.95	98													100

Genetic Trends for Growth Test Traits



Herd

Birth Year	Growth									Frame						Carcass						Selection Values			
	FCR			ADG			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	RTU Number	EBV	EBVi	EBV	EBVi	EBV	EBVi			
2023																									
2024																									
2025																									
2026																									

Breed

Birth Year	Growth									Frame						Carcass								Selection Values		
	FCR			ADG			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		EBV	EBVi	EBV	EBVi	EBV	EBVi				
2017	62	-38	100	1015	76	101	979	12.8	103	953	4	105	953	15	102	101	0.00	91	0.00	98	0.00	95	93	97	91	
2018	16	-50	110	835	94	106	830	14.6	106	830	6	107	830	18	105	33	1.18	103	0.28	103	0.55	104	108	102	93	
2019	13	-43	103	772	95	106	773	14.5	106	767	6	108	766	19	106	32	0.58	97	-0.14	96	0.44	102	100	101	94	
2020	15	-50	110	1035	102	108	1026	15.8	108	960	6	108	960	21	108	60	1.56	107	-0.22	94	0.67	107	109	104	96	
2021	20	-40	101	1162	102	108	1151	15.5	108	1048	5	107	1048	21	108	148	1.41	106	-0.20	95	0.46	103	106	104	97	
2022	20	-45	106	1222	104	109	1266	14.4	106	1115	5	106	1115	21	108	147	1.11	103	-0.08	97	0.28	100	103	104	99	
2023	10	-52	112	1270	110	110	1263	15.5	108	1127	5	107	1127	22	109	250	1.52	107	0.14	101	0.58	105	109	106	101	
2024	11	-49	109	918	108	110	945	16.3	109	790	5	106	790	22	109	127	1.57	107	0.12	100	0.66	106	108	105	101	
2025				54	90	105	58	13.0	103	58	0	98	58	14	100	25	1.70	109	-0.30	93	0.47	103	108	100	106	
2026																										

Sires

Bull			Selection Values							Calf		Dam		Growth				Fertility				Frame		Carcass			Measured Progeny		
ID	Index EBV Acc	Sire ID Dam ID	Calv. Ease Value	Calf Grwth Value	Milk Value	Maint. Value	Fertility Value	Cow Value	Growth Value	Prod Value	Birth Dir	Wean Dir	Birth Mat.	Wean Mat.	Post wn wt	Mature weight	ADG	FCR	Scrotal	Heifer Fertility	Cow Fertility	Long-evi ty	Height	Length	EMA	Fat	Marbling	Birth Grwth Test	Wean Dgt/Calvs.
	Name																												
BA 120059		MAJ 070230 MAJ 070221	114	103	110	107	108	124	73	112	109	103	110	110	91	93	78	60	99	112	105	104	89	94	96	110	115	27	26
12 0059			86	87	79	58	68	70	38	64	-0.43	13.7	-0.44	1.5	12.4	-1	-9	4	10.8	-16.8	-5.1	17.4	-5	8	0.47	0.68	1.14		
											88	87	81	79	74	58	49	25	52	71	51	81	52	51	27	24	24	13	28
BOS 111255		BOS 088246 BOS 099378	84	107	108	95	106	102	100	98	97	107	108	105	103	101	104	93	113	96	108	92	93	96	92	88	75	111	
BOS111255			95	97	95	91	93	86	88	86	0.57	15.9	1.61	0.8	23.0	10	76	-44	6.9	-17.7	-3.2	19.7	-3	7	0.44	-0.37	-0.36	1	168
											96	97	93	95	94	91	89	87	90	94	90	95	90	90	88	88	88		
BOS 122346		BOS 066337 BOS 099181	68	125	87	73	106	85	113	84	79	125	76	87	116	133	115	105	145	99	102	112	120	126	112	141	128	288	299
BOS122346			99	99	98	96	97	90	96	91	2.10	26.5	0.89	-5.1	31.3	45	128	-45	36.5	-6.8	-4.5	22.4	13	38	2.01	2.52	1.90		
											99	99	97	98	98	96	96	95	96	97	95	98	96	96	95	95	95	64	190
BOS 177085		BOS 144090 BOS 144200	71	133	99	72	117	108	120	107	53	133	142	99	130	135	127	122	103	105	120	115	124	133	115	118	113	23	30
BOS177085			79	87	73	61	60	67	50	64	4.28	31.2	-1.72	-1.7	42.5	47	170	-63	13.0	-11.6	-8.0	24.3	16	44	2.35	1.16	1.03	5	16
											83	87	66	73	70	61	60	35	67	64	43	72	68	66	36	32	31		
BOS 188154		BOS 155327 BOS 166611	70	122	71	94	107	87	90	81	72	122	143	71	113	106	107	110	121	87	110	117	93	111	124	103	111	494	467
TOP GUN BOS 18 8154			99	99	97	97	97	90	97	91	2.63	24.6	-1.77	-9.6	29.1	14	98	-50	23.1	2.8	-6.1	25.2	-2	24	3.17	0.25	0.93	86	38
											99	99	98	97	98	97	98	96	98	97	97	98	98	98	96	96	96		
BOS 200556		BOS 133309 BOS 099187	119	109	94	90	113	116	108	112	116	109	101	94	111	109	111	107	98	123	107	104	108	109	105	87	104	98	49
BOS200556			93	93	86	83	85	81	83	81	-1.01	17.5	-0.11	-3.2	27.5	17	112	-47	9.9	-25.7	-5.5	17.2	6	22	1.30	-0.63	0.54		
											95	93	84	86	85	83	83	82	84	85	83	87	83	83	82	82	82		
CC 130018		GC 070065 GC 010121	95	110	105	93	102	104			94	110	102	105	112	105	102		114	99	109	98	105	103				4	4
BMAMCC130018			67	72	50	8	27	43			0.81	17.9	-0.15	0.0	28.1	13	80		19.2	-6.8	-5.8	13.5	5	16					
											72	72	48	50	69	8	27		32	12	6	64	33	31					
CC 170066		CC 130018 GC 070160	87	108	106	100	111	110	84	102	85	108	111	106	108	97	87	78	104	111	112	103	89	87	87	98	100	8	5
CC170066			88	89	86	85	86	80	85	81	1.58	16.5	-0.48	0.3	25.0	4	26	-15	13.5	-16.3	-6.6	16.7	-5	1	-0.41	-0.02	0.28		
											89	89	86	86	87	85	85	85	85	85	85	87	85	85	85	85	85		
DYS 177058		BOS 144745 DYS 155050	78	119	101	76	94	86	95	82	63	119	123	101	113	128	98	90	106	82	94	109	100	108	105	88	99	61	56
177058			87	90	71	53	57	67	30	60	3.42	23.3	-0.98	-1.2	29.3	39	66	-29	14.7	6.2	-2.9	20.5	1	21	1.33	-0.62	0.25		
											91	90	74	71	82	53	48	5	76	68	29	74	77	74	48	43	41	3	11
FXF 060122		FXF 020049 FXF 030335	100	98	78	111	100	90	95	85	100	98	99	78	102	92	89	78	144	97	114	91	106	95	88	94	112	634	567
FXF 06 0122			99	99	98	96	96	89	93	90	0.35	10.7	-0.01	-7.5	20.5	-2	33	-16	36.3	-5.0	-6.9	9.3	5	9	-0.30	-0.24	0.98		
											99	99	98	98	98	96	94	91	95	97	93	99	95	95	92	91	91	6	456
FXF 080717		FXF 060097 FXF 020458	98	90	102	96	83	76	104	74	97	90	103	102	97	101	107	100	144	115	65	87	84	87	101	71	93	303	227
FXF080717			97	98	95	88	92	86	86	86	0.58	6.5	-0.17	-0.9	17.1	9	96	-39	36.1	-19.5	2.9	6.8	-8	1	0.90	-1.55	-0.08		
											98	98	95	95	96	88	88	83	91	93	87	97	91	90	84	84	84	57	158

Sires

Bull			Selection Values							Calf		Dam		Growth				Fertility				Frame		Carcass			Measured Progeny		
ID	Index EBV Acc	Sire ID Dam ID	Calv. Ease Value	Calf Grwth Value	Milk Value	Maint. Value	Fertility Value	Cow Value	Growth Value	Prod Value	Birth Dir	Wean Dir	Birth Mat.	Wean Mat.	Post wn wt	Mature weight	ADG	FCR	Scrotal	Heifer Fertility	Cow Fertility	Long-evi ty	Height	Length	EMA	Fat	Marbling	Birth Grwth Test	Wean Dgt/Calvs.
	Name																												
FXF 110520		FXF 070457 FXF 070454	106	98	104	112	90	101	109	99	112	98	80	104	97	90	107	90	119	90	100	87	122	104	104	103	119	117	88
FXF110520			93	94	88	58	74	76	38	68	-0.63	10.8	0.73	-0.2	16.7	-4	99	-28	22.0	0.0	-4.0	7.0	14	17	1.27	0.28	1.37	24	73
PR 200709		BOS 122346 PR 148370	86	110	96	88	96	88	107	86	95	110	75	96	104	111	110	100	119	97	91	104	110	114	114	118	115	25	12
PR 200709			93	92	91	90	90	84	89	85	93	92	91	91	90	90	107	-39	22.1	-4.9	-2.4	17.5	7	26	2.19	1.17	1.15	1	1
RLR 180027		RLR 150055 RLR 160089	103	102	79	118	91	93	102	90	100	102	108	79	103	85	106	91	130	94	86	100	92	101	101	101	118	34	32
RLR 180027			92	92	88	86	87	82	87	83	93	92	88	88	89	86	88	84	28.0	-2.6	-1.2	14.8	-3	14	0.95	0.14	1.29	3	4
RW 160164		FXF 090316 RW 060068	123	81	83	122	104	99	67	88	123	81	93	83	84	81	70	67	80	113	91	109	68	67	73	90	71	25	25
RW160164			82	84	72	61	62	67	20	58	-1.57	1.0	0.22	-6.3	6.4	-15	-38	-3	-0.5	-17.8	-2.2	20.5	-17	-18	-1.84	-0.49	-1.37	9	16
SB 200738		WO 110164 SB 140010	74	120	114	80	99	98	131	101	80	120	91	114	136	121	141	138	153	96	97	106	126	116	122	104	87	13	7
SB200738			92	92	90	89	90	83	90	84	2.01	23.4	0.31	2.6	47.2	31	219	-80	41.0	-4.6	-3.4	18.5	16	29	2.97	0.34	-0.45		
TG 180060		BA 120059 TG 070015	129	94	112	114	107	127	73	115	128	94	94	112	87	88	78	71	91	108	104	107	88	85	85	98	93	9	6
TG180060			89	89	87	86	86	80	86	81	-1.97	8.6	0.19	1.9	9.0	-7	-7	-8	5.7	-13.8	-4.8	19.3	-6	-1	-0.63	-0.01	-0.11		
V 160003		FRJ 110138 BOS 099200	83	101	78	117	82	74	110	73	82	101	107	78	95	86	108	101	81	99	56	106	98	96	101	94	113	21	18
V 160003			91	92	89	87	87	82	86	83	92	92	89	89	88	87	88	84	89	88	85	89	90	89	84	84	84	6	9
VOVA190249		VYF 120243 VYF 130101	93	101	93	112	117	111	89	103	95	101	94	93	100	90	95	95	86	111	123	107	90	85	92	95	107	27	27
19249			90	91	87	84	86	80	84	81	0.72	12.4	0.16	-3.3	18.7	-4	55	-34	3.0	-16.2	-8.7	18.9	-4	-1	0.04	-0.20	0.68	5	
WIL 170324		WIL 150146	118	83	103	105	79				118	83	92	103	82	94			76		90							7	7
WIL170324			63	65	44	25	28	43			-1.18	2.5	0.26	-0.7	5.3	1			11.0		8.4						1	2	
WIL 170342		VYF 120243 WIL 150100	86	103	94	102	104	94	91	88	97	103	72	94	101	97	95	90	89	113	109	90	106	101	98	90	88	70	54
WIL170342			88	89	71	43	58	65	24	57	92	89	75	71	73	43	39	5	66	68	31	76	44	43	7	6	6	11	15
WIL 180315		FXF 060123 WIL 120180	90	99	92	115	84	84	104	82	97	99	79	92	94	88	103	104	107	97	74	95	92	89	98	91	92	132	92
WIL180315			92	93	76	57	59	70	25	61	0.57	11.3	0.78	-3.6	14.6	-7	84	-43	15.1	-5.3	1.2	11.8	-3	3	0.69	-0.41	-0.16	15	22

Sires

Bull				Selection Values							Calf		Dam		Growth				Fertility				Frame		Carcass			Measured Progeny		
ID	Index EBV Acc	Sire ID	Dam ID	Calv. Ease	Calf Grwth	Milk Value	Maint. Value	Fertility Value	Cow Value	Growth Value	Prod Value	Birth Dir	Wean Dir	Birth Mat.	Wean Mat.	Post wn wt	Mature weight	ADG	FCR	Scrotal	Heifer Fertility	Cow Fertility	Long-evi ty	Height	Length	EMA	Fat	Marbling	Birth Grwth Test	Wean Dgt/Calvs.
				Value	Value																									
WIL 190120  WO 160440  VYF 140225				91	96	98	111	102	97	88	90	97	96	83	98	90	91	86	82	84	116	92	100	82	81	94	91	99	61	24
WIL19120				93	91	88	86	86	81	84	82	0.55	9.9	0.64	-2.1	11.1	-3	23	-20	2.1	-20.0	-2.5	14.6	-9	-5	0.27	-0.43	0.22	6	11
WO 110164  WO 090106  WO 080203				94	113	91	93	101	98	142	102	92	113	108	91	130	106	143	136	138	102	103	99	151	126	121	108	80	171	145
WO110164				96	97	94	92	91	86	88	86	1.02	19.8	-0.37	-3.9	42.3	14	227	-78	32.5	-9.0	-4.7	14.0	31	38	2.96	0.56	-0.84	33	116
WO 120299 WO 100172 WO 070051				93	121	89	83	97	94	133	97	95	121	94	89	123	119	135	127	114	107	85	105	105	110	124	100	100	17	16
WO120299				86	87	79	67	69	72	44	66	0.72	24.4	0.17	-4.6	36.5	28	198	-69	19.1	-12.6	-1.1	17.6	5	23	3.24	0.08	0.27	4	10
WO 140037 WO 120217 WO 120097				94	137	105	76	100	115	117	114	93	137	104	105	148	128	104	79	117	89	98	111	98	118	121	135	105	38	37
WO140037				88	89	80	69	69	73	48	68	0.89	33.6	-0.23	-0.1	56.0	39	86	-16	20.6	1.5	-3.7	21.9	0	31	2.91	2.17	0.60	3	25
WO 150252  WO 120410  WO 030526				109	109	67	78	121	94	96	89	117	109	72	67	106	128	112	120	97	131	108	114	94	88	105	98	75	180	137
WO150252				97	97	95	93	93	87	92	88	98	97	95	95	23.9	39	116	-61	9.4	-31.4	-5.6	23.6	-2	2	1.30	-0.03	-1.12	38	83
WO 150776 WO 120244 WO 120266				97	118	96	93	89	98	105	94	95	118	104	96	113	105	109	98	99	94	91	92	102	111	117	114	113	34	24
WO150776				84	84	70	47	62	65	28	58	0.72	22.8	-0.22	-2.6	29.5	13	105	-37	10.5	-2.6	-2.3	9.6	2	23	2.56	0.92	1.03	5	12
WO 160019 QJA10201M WO 130816				113	111	103	96	90	106	103	102	116	111	84	103	107	102	105	88	98	81	89	107	101	111	111	114	107	125	113
WO160019				92	95	82	60	63	73	40	66	95	95	83	82	24.4	10	90	-26	10.1	7.2	-1.8	19.1	2	24	1.93	0.94	0.69	9	33
WO 160440 Z 120262 WO 080616				80	106	100	112	92	94	89	88	86	106	89	100	104	90	95	87	89	107	83	94	89	93	103	97	105	88	56
WO160440				93	92	83	53	66	72	25	63	1.54	15.7	0.39	-1.5	22.4	-5	55	-25	5.0	-12.8	-0.7	11.2	-5	7	1.12	-0.04	0.57	20	45
WO 161032 WO 130557 WO 140855				113	96	74	96	89	76			117	96	84	74	95	103	93		96	97	95	86	96	91	88	95		52	38
WO161032				86	85	63	29	50	59			90	85	70	63	15.0	11	47		8.8	-4.8	-3.1	6.4	-1	5	-0.33	-0.16		8	12
WO 170233 WO 050039 WO 100046				98	106	98	111	102	109	97	104	101	106	92	98	108	91	104	94	100	114	92	103	83	93	104	116	109	70	55
WO170233				90	90	77	65	68	72	37	65	0.26	15.8	0.25	-2.1	25.2	-3	87	-33	11.1	-18.3	-2.4	16.5	-9	6	1.22	1.05	0.79	11	13
WO 170764  WO 120713  WO 070571				82	121	88	81	98	87	139	92	84	121	139	88	129	122	130	115	105	115	82	101	111	118	119	96	99	87	81
WO170764				94	95	90	88	88	84	85	84	1.65	24.4	-1.60	-4.9	41.2	32	182	-55	14.0	-19.6	-0.4	15.4	8	30	2.68	-0.10	0.23	4	30

Sires

Bull			Selection Values								Calf		Dam		Growth				Fertility				Frame		Carcass			Measured Progeny		
ID	Index EBV Acc	Sire ID Dam ID	Calv. Ease Value	Calf Grwth Value	Milk Value	Maint. Value	Fertility Value	Cow Value	Growth Value	Prod Value	Birth Dir	Wean Dir	Birth Mat.	Wean Mat.	Post wn wt	Mature weight	ADG	FCR	Scrotal	Heifer Fertility	Cow Fertility	Long-evi ty	Height	Length	EMA	Fat	Marbling	Birth Grwth Test	Wean Dgt/Calvs.	
WO 171109		WO 140253 WO 110035	73	132	77	75	96	81	117	82	69	132	102	77	129	132	125	120	124	90	83	117	127	128	121	109	99	8	8	
WO 171109			76	77	70	58	55	62	26	55	2.89	30.8	-0.14	-8.0	41.2	43	162	-61	24.9	0.6	-0.6	25.4	17	40	2.93	0.60	0.25	7	12	
WO 180535		WO 160047 WO 120056	73	109	113	94	114	107			66	109	136	113	108	103	114	97	123	108	105	119	90	103	112	123	106	80	71	
WO180535			89	91	56	43	56	63			3.14	17.3	-1.49	2.3	25.5	11	122	-36	24.3	-13.9	-5.1	26.3	-4	16	2.00	1.45	0.64	3	3	
WO 200601		WO 170256 WO 150768	90	110	121	85	96	102	134	105	101	110	68	121	126	114	137	119	133	99	95	98	128	125	121	108	97	42	36	
WO200601			94	95	92	91	91	85	91	86	0.23	18.1	1.22	4.5	39.3	23	207	-60	29.7	-6.7	-3.1	13.3	17	37	2.90	0.59	0.13	1		
WO 200714		WO 170256 WO 120831	94	113	117	90	95	107	110	104	100	113	84	117	117	108	120	105	130	96	95	98	116	119	108	123	113	34	22	
WO200714			90	90	85	82	83	79	82	80	0.37	19.6	0.57	3.4	32.0	16	144	-45	28.5	-4.3	-3.2	13.8	11	31	1.63	1.47	1.01			
Z 160019		FXF 040408 Z 120106	127	80	103	115	89	97	82	89	129	80	86	103	87	87	89	90	94	111	73	96	77	74	79	99	101	71	58	
Z160019			93	94	88	86	87	82	84	82	-2.05	0.6	0.49	-0.5	9.0	-8	32	-28	7.5	-15.7	1.4	12.1	-12	-11	-1.20	0.02	0.35	1	6	9
Z 160024		Z 140017	99	107	107	116	104	120			94	107	116	107	95	85	105	105	102	89	118	101	105	105	104	94	99	43	35	
Z160024			85	86	69	62	57	67			0.85	16.4	-0.68	0.6	15.3	-10	92	-44	12.0	0.8	-7.6	15.3	4	18	1.23	-0.26	0.24	9	18	
Z 160092		FXF 040408 Z 110073	109	114	78	69	82	71	109	70	102	114	118	78	117	141	117	107	120	84	74	101	124	117	113	104	109	39	36	
Z160092			92	92	88	87	88	82	84	82	0.20	20.4	-0.76	-7.6	32.6	53	133	-46	22.8	5.3	1.1	15.4	15	29	2.17	0.37	0.81	1	9	15
Z 160105		Z 130044 Z 110090	103	103	93	106	97	99	95	94	105	103	93	93	102	94	105	105	106	101	85	109	103	104	96	105	97	19	18	
Z160105			76	79	56	42	50	57	20	50	-0.04	13.9	0.21	-3.4	20.6	0	89	-44	14.7	-8.1	-1.0	20.2	3	17	0.46	0.41	0.16	3	5	
Z 170028		Z 130186 Z 140026	74	112	65	96	103	75	87	70	77	112	97	65	116	104	99	96	109	104	98	106	115	105	92	131	106	78	75	
Z 170028			94	94	89	87	87	83	84	83	2.24	19.3	0.07	-11.3	31.2	12	68	-35	16.4	-10.7	-3.7	18.8	10	18	0.09	1.93	0.65	5	16	24
Z 170036		Z 130186 Z 140015	89	126	62	98	100	91	103	88	85	126	124	62	125	102	113	111	137	80	122	97	130	120	118	99	106	39	29	
Z170036			91	91	86	84	86	80	82	80	1.58	27.0	-0.99	-12.1	38.6	10	119	-51	32.2	8.4	-8.5	12.9	19	32	2.58	0.07	0.65	6	9	
Z 180038		Z 130186 Z 150021	87	97	81	105	70	59	67	50	82	97	119	81	88	95	92	97	99	52	83	94	103	91	100	63	75	152	137	
Z 180038			94	95	64	59	65	70	48	66	1.84	10.5	-0.79	-6.9	9.9	2	45	-36	10.3	30.4	-0.6	11.3	3	4	0.89	-2.03	-1.13	13	4	5

Sires

Bull				Selection Values								Calf		Dam		Growth				Fertility				Frame		Carcass			Measured Progeny	
ID	Index EBV Acc	Sire ID	Dam ID	Calv. Ease Value	Calf Grwth Value	Milk Value	Maint. Value	Fertility Value	Cow Value	Growth Value	Prod Value	Birth Dir	Wean Dir	Birth Mat.	Wean Mat.	Post wn wt	Mature weight	ADG	FCR	Scrotal	Heifer Fertility	Cow Fertility	Long-evi ty	Height	Length	EMA	Fat	Marbling	Birth Grwth Test	Wean. Dgt/Calvs.
Z 190312		Z 130186		102	111	82	90	94	87	90	81	99	111	108	82	108	111	103	102	118	90	92	104	120	108	108	99	99	17	10
Z190312		Z 160189		88	88	84	82	83	78	80	78	0.43	18.3	-0.38	-6.6	25.1	19	81	-42	21.1	0.7	-2.5	17.1	13	21	1.67	0.05	0.24		
Z190312				88	88	84	82	83	78	80	78	89	88	84	84	84	82	81	80	81	83	81	86	81	81	80	80	80		
Z 200084		Z 130186		109	91	78	105	86	75	73	67	103	91	117	78	85	95	79	71	100	77	93	96	85	81	84	125	101	10	9
Z200084		Z 170006		88	88	85	84	84	79	82	80	0.11	6.8	-0.73	-7.6	7.6	1	-6	-8	11.4	10.2	-2.7	12.6	-7	-4	-0.69	1.54	0.36	1	
Z200084				88	88	85	84	84	79	82	80	89	88	85	85	85	84	83	81	84	84	82	86	84	83	82	82	82		
Z 200228		Z 150392		98	97	81	98	101	83	82	76	93	97	114	81	89	100	84	80	87	106	95	103	87	84	90	98	94	10	6
Z200228		Z 160135		87	86	83	82	82	77	80	78	0.93	10.4	-0.62	-6.7	10.7	8	15	-17	3.9	-12.3	-3.1	16.6	-6	-2	-0.15	-0.02	-0.05		
Z200228				87	86	83	82	82	77	80	78	88	86	83	83	84	82	80	79	81	81	80	84	81	81	79	79	79		
ZCW 170120		WO 130103		106	105	100	131	88	114	96	108	104	105	102	100	103	67	100	90	113	105	61	109	84	101	104	53	84	174	128
ZCW 170120		RLR 150037		98	97	95	95	95	88	94	89	0.00	15.3	-0.15	-1.5	21.2	-30	71	-28	18.4	-11.3	3.8	20.2	-8	14	1.26	-2.61	-0.61	36	28
ZCW 170120				98	97	95	95	95	88	94	89	98	97	96	95	96	95	96	93	97	95	94	96	97	96	95	95	95		

Growth Tests

Green: >120 High
White: 80-120 Average
Orange: <80 Low

Animal				Cow Value	Weight		Frame				Growth				Carcass			
Test Code	Sex	Test no	Sire ID		Wean dir	End-weight	Length	Height	Length/Height	Scrotum	Intake	ADG	FCR	Growth Value	EMA	Fat	Marbling	Carcass Value
Test station		ID	Dam ID															
202102 D11 M		0627683BMA																
DWEN		SB 200738	 WO 110164	98	120	124	116	126	94	153	73	141	138	131	122	104	87	124
		90845108	SB 140010	83	92	91	29	16	1.11	41.0	0.64	219	-80	90	2.97	0.34	-0.45	88
							91	91	91	91	88	90	88		88	88	88	88
202401 D11 M		0598853BMA																
WATSON		VOVA230020	 BOS 188154	93	103	98	102	96	109	127	107	90	75	90	95	101	111	92
		96847439	VOVA210117	78	86	88	15	-1	1.15	26.5	0.00	34	-12	85	0.37	0.17	0.92	82
							88	88	88	88	82	86	82		82	82	82	82

Breeding Values and Accuracies: Bulls

Green: >120 High
White: 80-120 Average
Orange: <80 Low

Inbreeding in red is high

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

Animal				Selection Values								Birth		Wean				Growth			Fertility				Frame		Carcass			
Index EBV Acc	ID Number Name	% Inbreeding	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	FCR	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	EMA	Fat	Marbling
CC 170066 86716909 CC170066			CC 130018 GC 070160	87 88	108 89	106 86	100 85	111 86	110 80	84 85	102 81	85 85	85 1.58 89	111 -0.48 86	97 4 85	108 16.5 89	106 0.3 86	113 72 87	108 25.0 87	87 26 85	78 -15 85	104 13.5 85	111 -16.3 85	112 -6.6 85	103 16.7 87	89 -5 85	87 1 85	87 -0.41 85	98 -0.02 85	100 0.28 85
TG 180060 91755199 TG180060			BA 120059 TG 070015	129 89	94 89	112 87	114 86	107 86	127 80	73 86	115 81	80 85	128 -1.97 90	94 0.19 87	88 -7 86	94 8.6 89	112 1.9 87	107 60 87	87 9.0 86	78 -7 86	71 -8 85	91 5.7 86	108 -13.8 86	104 -4.8 85	107 19.3 88	88 -6 86	85 -1 86	85 -0.63 85	98 -0.01 85	93 -0.11 85
WO 180294 87970695 WO180294	3 		WO 140037 WO 080526	84 90	132 91	92 87	71 84	99 85	95 80	118 83	95 81	119 83	92 1.03 91	80 0.72 87	136 49 84	132 30.7 91	92 -3.8 87	108 62 87	142 51.2 87	104 86 84	90 -28 82	103 12.8 85	85 4.5 85	104 -4.9 83	107 19.4 88	113 9 85	113 26 84	105 1.36 83	148 2.91 83	111 0.89 83
PR 200709 91919019 PR 200709			BOS 122346 PR 148370	86 93	110 92	96 91	88 90	96 90	88 84	107 89	86 85	113 89	95 0.75 93	75 0.93 91	111 20 90	110 18.0 92	96 -2.5 91	101 44 91	104 22.3 90	110 107 89	100 -39 89	119 22.1 89	97 -4.9 90	91 -2.4 89	104 17.5 91	110 7 89	114 26 89	114 2.19 89	118 1.17 89	115 1.15 89
SB 200738 90845108 SB200738	5 		WO 110164 SB 140010	74 92	120 92	114 90	80 89	99 90	98 83	131 90	101 84	124 88	80 2.01 93	91 0.31 90	121 31 89	120 23.4 92	114 2.6 90	120 89 90	136 47.2 90	141 219 90	138 -80 88	153 41.0 91	96 -4.6 90	97 -3.4 89	106 18.5 90	126 16 91	116 29 91	122 2.97 88	104 0.34 88	87 -0.45 88
TG 230034 95634457 TG230034			WO 180535 TG 150081	99 60	91 60	99 45	106 22	105 32	97 41			85 6	93 0.89 64	122 -0.92 48	94 0 22	91 7.1 60	99 -1.7 45	91 20 42	91 11.7 52	90 37 11	85 -23 6	100 11.1 12	104 -10.2 36	95 -3.0 14	115 24.1 46	87 -6 12	86 0 12	87 -0.46 7	97 -0.07 6	76 -1.07 6
VOVA230020 96847439 230020	2 		BOS 188154 VOVA210117	86 86	103 86	81 85	102 83	112 84	93 78	90 85	87 79	92 82	83 1.75 86	125 -1.04 85	97 4 83	103 13.8 86	81 -6.7 85	87 11 85	96 16.0 84	90 34 86	75 -12 82	127 26.5 88	107 -13.1 84	108 -5.7 83	113 22.6 85	96 -1 88	102 15 88	95 0.37 82	101 0.17 82	111 0.92 82
Z 230291 95727251 Z 230291	2 		Z 200228 Z 200262	112 82	91 83	77 80	111 79	105 79	93 74	81 78	85 75	81 77	111 -0.61 83	97 0.06 80	92 -2 79	91 6.8 83	77 -7.8 80	72 -24 81	83 6.0 80	83 9 78	78 -16 77	93 7.3 78	112 -16.5 79	94 -2.9 78	108 20.0 80	90 -5 78	83 -3 78	87 -0.46 77	100 0.12 77	98 0.19 77
MAB 240039 97668370 MAB 24 0039			Z 190378	102 51	88 33	103 30	118 27	76 22	83 30				105 -0.07 56	90 0.34 34	84 -12 27	88 4.9 33	103 -0.5 30	95 29 30	85 7.7 30	83 10 7		88 4.4 7	86 3.8 26	79 0.1 13	82 3.7 26	93 -3 7	87 1 7			
MAB 240042 97668396 MAB 24 0042			MAB 180026	117 45	78 12	102 19							118 -1.17 50	92 0.28 27		78 -0.4 12	102 -0.9 19								78 1.0 20					
MAB 240050 97668461 MAB 24 0050			MAB 180011	108 45	86 12	101 19							110 -0.53 50	89 0.40 27		86 3.8 12	101 -1.0 19								78 1.0 17					
MAB 240081 97670491 MAB 24 0081			MAB 180022	102 43									104 0.02 49	92 0.26 24											77 0.3 17					

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Index EBV Acc	% Inbreeding	Sire ID	Dam ID	Calv. Ease V	Calf Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	FCR	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	EMA	Fat	Marbling	
ID				Number	Name																										
MAB 240098 98410129 MAB 240098				103 44	85 12	111 19							104 -0.02 49	93 0.21 25		85 3.2 12	111 1.8 19							76 0.2 20							
MAB 250003 99290116 MAB 250003				95 23	94 22	102 19	117 13	86 15				87 9	94 0.84 24	103 -0.17 20	85 -10 13	94 8.7 22	102 -0.8 19	101 44 18		93 13.7 18	90 37 18		96 9.1 20	92 -1.6 16	96 -3.3 9	82 3.6 20	93 -3 20	94 8 19	83 -0.85 9	97 -0.08 9	105 0.61 8
MAB 250005 99163644 MAB 250005				108 17									108 -0.34 17	96 0.12 19										78 1.3 10							
MAB 250006 99165730 MAB 250006				125 44	77 12	107 18							124 -1.66 49	93 0.22 25		77 -1.2 12	107 0.6 18							78 1.0 11							
MAB 250008 99165755 MAB 250008				110 41									111 -0.58 47	93 0.22 22										77 0.2 7							
MAB 250011 99165789 MAB 250011				110 45	88 12	108 19							109 -0.40 50	101 -0.09 28		88 5.3 12	108 0.7 19							78 1.3 18							
MAB 250013 99165813 MAB 250013				100 44	90 12	105 19							101 0.28 49	97 0.08 25		90 6.5 12	105 -0.1 19							81 3.1 16							
MAB 250014 99165821 MAB 250014				102 53	89 35	96 35	112 25	92 28	88 32			79 14	103 0.06 57	94 0.19 38	90 -4 25	89 5.8 35	96 -2.6 35	87 11 32		89 10.3 29	83 12 23	87 -25 9	100 11.4 24	104 -11.0 31	97 -3.5 22	83 4.2 32	95 -1 24	86 0 24	77 -1.44 15	89 -0.55 14	90 -0.25 13
MAB 250017 99165854 MAB 250017				102 42									104 0.03 48	94 0.20 21										77 0.7 8							
MAB 250021 99165904 MAB 250021				94 42									96 0.65 48	94 0.20 21										77 0.7 8							
MAB 250022 99165888 MAB 250022				103 53	93 34	94 33	102 19	97 23	90 30			81 15	107 -0.21 57	88 0.42 38	96 3 19	93 8.1 34	94 -3.1 33	87 12 29		90 11.6 24	88 28 16	94 -32 17	91 5.9 20	106 -12.5 28	98 -3.8 14	91 9.4 28	93 -3 18	86 0 18	80 -1.12 16	92 -0.36 14	85 -0.55 14
MAB 250023 99165896 MAB 250023				107 44	82 12	102 19							109 -0.39 49	92 0.25 25		82 1.6 12	102 -1.0 19							78 1.1 17							

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Index EBV Acc	% Inbreeding	Sire ID	Dam ID	Calv. Ease V	Calv Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	FCR	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	EMA	Fat	Marbling	
ID				Number	Name																										
MAB 250025 99290090 MAB 250025				MAB 210044	111 44	82 12	104 19						109 -0.41 49	103 -0.17 25		82 1.7 12	104 -0.2 19							78 1.3 11							
MAB 250026 99165912 MAB 250026				MAB 220040	102 42								104 0.00 48	94 0.20 21											77 0.7 8						
MAB 250028 99165938 MAB 250028				MAB 180024	91 46	88 12	110 19						94 0.81 51	92 0.25 30		88 5.4 12	110 1.5 19								76 -0.4 20						
MAB 250029 99163859 MAB 250029				MAB 220001	116 45	78 11	103 17						119 -1.21 50	85 0.53 27		78 -0.4 11	103 -0.5 17								80 2.1 14						
MAB 250031 99163651 MAB 250031				MAB 180022	103 17								106 -0.14 16	91 0.29 19											77 0.3 17						
MAB 250032 99163669 MAB 250032				MAB 180010	73 44	102 12	114 19						74 2.46 49	101 -0.11 25		102 13.1 12	114 2.5 19								78 1.3 17						
MAB 250033 99163677 MAB 250033				MAB 180033	118 45	79 12	106 19						118 -1.13 50	95 0.14 27		79 -0.1 12	106 0.3 19								79 1.7 20						
MAB 250034 99163685 MAB 250034				Z 200222	114 52	83 33	97 29	123 25	89 25	94 30		69 8	112 -0.69 57	100 -0.05 34		78 -18 25	83 2.2 33	97 -2.3 29	86 8 29	83 5.7 31	76 -16 14		81 0.4 15	98 -5.9 30	93 -2.7 18	86 5.8 28	81 -9 15	76 -9 15	68 -2.26 9	90 -0.46 8	91 -0.20 8
MAB 250035 99163693 MAB 250035				MAB 180008	118 45								118 -1.12 50	96 0.10 28											76 0.1 17						
MAB 250036 99163701 MAB 250036				WIL 180149	94 51	89 26	103 25						96 0.64 56	94 0.19 35		89 5.5 26	103 -0.5 25			87 8.8 12			93 -1.6 21								
MAB 250041 99163750 MAB 250041				WIL 200225	105 52	88 34	98 34	104 20	91 24	85 30		78 15	107 -0.24 57	92 0.26 36		95 1 20	88 5.3 34	98 -1.9 34	86 9 29	87 8.8 26	85 19 16	94 -32 17	87 3.6 20	99 -6.7 29	94 -2.8 14	88 7.6 28	92 -3 18	84 -2 18	76 -1.51 16	89 -0.52 14	81 -0.76 14
MAB 250044 99163784 MAB 250044				MAB 210030	102 45	84 12	106 19						105 -0.06 50	90 0.34 27		84 2.8 12	106 0.2 19								79 1.6 14						

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Animal				Selection Values									Birth		Wean				Growth			Fertility				Frame		Carcass		
Index EBV Acc	% Inbreeding	Sire ID	Dam ID	Calv. Ease V	Calv Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	FCR	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	EMA	Fat	Marbling
ID Number Name				Calv. Ease V	Calv Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	FCR	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	EMA	Fat	Marbling
MAB 250045 99163792 MAB 250045		Z	190308	94 53	94 35	84 33	106 31	91 26	77 33			78 20	100 0.33 57	82 0.65 37	94 1 31	94 8.5 35	84 -5.9 33	80 -4 33	95 14.9 30	78 -6 21	78 -15 5	89 5.1 24	98 -6.3 30	95 -3.1 18	88 7.3 30	92 -3 25	85 -1 24	71 -2.03 21	110 0.68 19	100 0.30 18
MAB 250046 99163800 MAB 250046		MAB	180002	99 45	85 12	106 18							101 0.26 50	94 0.16 27		85 3.6 12	106 0.1 18							77 0.6 20						
MAB 250050 99163842 MAB 250050		MAB	180032	104 45	84 12	111 19							105 -0.05 50	96 0.10 27		84 3.1 12	111 1.6 19							79 1.7 20						
MAB 250055 99212672 MAB 250055		MAB	210047	112 44									112 -0.67 49	96 0.10 25										78 1.5 10						
MAB 250056 99212680 MAB 250056		MAB	180012	117 45	80 12	115 19							118 -1.12 50	92 0.28 28		80 0.5 12	115 2.9 19							76 -0.1 18						
MAB 250057 99212698 MAB 250057		MAB	220045	100 42									102 0.19 48	94 0.20 21										77 0.7 8						
MAB 250058 99290082 MAB 250058		MAB	220025	103 42									105 -0.06 48	93 0.20 21										78 1.3 10						
MAB 250059 99212706 MAB 250059		MAB	190005	94 44									95 0.71 49	95 0.13 25										79 1.7 16						
MAB 250060 99212714 MAB 250060		MAB	180004	126 46	81 12	92 19							122 -1.48 51	103 -0.18 30		81 1.1 12	92 -3.6 19							77 0.4 20						
MAB 250063 99212748 MAB 250063		MAB	220024	100 42									102 0.16 48	94 0.20 21										78 1.3 10						
MAB 250068 99212789 MAB 250068		MAB	120012	96 45									97 0.55 50	95 0.14 28										75 -0.4 20						
MAB 250069 99212797 MAB 250069		Z	220110	111 51	90 33	89 26	102 22	84 21	78 28			78 14	107 -0.21 56	109 -0.41 32	97 4 22	90 6.3 33	89 -4.4 26	80 -6 27	87 9.3 28	79 -3 16	80 -17 5	92 6.3 22	89 1.2 23	94 -2.9 13	82 3.6 27	91 -4 22	87 1 21	77 -1.42 15	92 -0.37 13	95 0.02 13

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Animal				Selection Values								Birth		Wean				Growth			Fertility				Frame		Carcass				
Index EBV Acc	% Inbreeding	Sire ID	Dam ID	Calv. Ease V	Calv Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	FCR	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	EMA	Fat	Marbling	
ID Number Name				Calv. Ease V	Calv Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	FCR	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	EMA	Fat	Marbling	
MAB 250070 99212805 MAB 250070		Z	190072	99 51	90 32	105 31	119 27	85 22	91 30			75 6	99 0.43 56	99 -0.02 34	82 -13 27	90 6.2 32	105 0.0 31	99 41 30	86 8.0 29	80 -1 7		84 1.9 8	88 2.0 28	91 -2.3 11	87 6.8 27	90 -4 8	84 -2 8	73 -1.84 6	88 -0.57 5	84 -0.61 5	
MAB 250074 99212664 MAB 250074		MAB	210026	108 45	87 12	109 18							109 -0.45 50	92 0.25 27		87 4.8 12	109 1.0 18							80 2.1 14							
MAB 250075 99275828 MAB 250075		MAB	180028	101 46	90 12	107 19							103 0.13 51	95 0.14 28		90 6.5 12	107 0.5 19							78 0.9 18							
MAB 250077 99275810 MAB 250077		Z	190048	101 53	92 35	100 33	121 31	92 26	98 33			85 10	100 0.35 58	102 -0.15 37	81 -15 31	92 7.7 35	100 -1.5 33	98 38 33	90 11.6 32	88 30 15	90 -28 6	92 6.5 15	94 -2.8 30	103 -4.6 17	87 6.6 30	90 -4 16	89 3 15	80 -1.15 11	101 0.14 10	99 0.26 10	
MAB 250078 99275844 MAB 250078		MAB	190002	94 44	87 12	109 18							97 0.60 49	93 0.23 25		87 4.8 12	109 1.2 18							79 1.9 16							
MAB 250079 99275851 MAB 250079		MAB	220007	115 42									116 -0.97 48	93 0.21 21											74 -1.0 12						
MAB 250080 99275869 MAB 250080		WIL	210211	120 51	84 26	95 27	99 19	89 21	83 27			81 15	123 -1.58 56	84 0.57 34	99 6 19	84 2.8 26	95 -2.7 27	77 -11 24	83 5.5 22	88 29 16	97 -36 17	89 4.8 20	96 -4.6 21	94 -2.8 14	88 7.1 27	95 -2 18	87 1 18	78 -1.27 16	90 -0.50 14	81 -0.79 14	
MAB 250083 99275893 MAB 250083		MAB	210032	101 44	85 11	107 18							103 0.10 49	92 0.25 25		85 3.3 11	107 0.6 18							80 2.3 14							
MAB 250084 6020165418 MAB 250084		Z	210116	110 31	85 29	96 26	121 21	81 22	87 24			71 8	110 -0.46 32	97 0.08 28	80 -15 21	85 3.7 29	96 -2.6 26	87 11 25	85 7.7 22	76 -15 13		82 1.0 13	89 1.0 26	90 -2.1 18	80 2.4 23	86 -7 13	79 -7 13	66 -2.53 8	93 -0.32 7	95 0.02 7	
MAB 250085 6020165426 MAB 250085		MAB	190008	95 44	87 12	110 18							97 0.59 49	95 0.16 25		87 4.8 12	110 1.4 18							79 1.9 16							
MAB 250087 6020165434 MAB 250087		MAB	210012	112 46	84 12	107 19							111 -0.54 51	99 0.00 30		84 2.8 12	107 0.4 19							79 2.0 14							
MAB 250089 6020165459 MAB 250089		MAB	220043	98 42									100 0.37 48	94 0.20 21										77 0.7 8							

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ID Number Name																																
MAB 250090 6020165467 MAB 250090		Z	210170	102 51	98 32	98 29	92 22	83 24		79 29			88 10	101 0.21 56	100 -0.04 34	106 14 22	98 10.7 32	98 -1.8 29	92 23 28		96 16.2 26	95 53 16		97 9.3 17	84 4.9 27	90 -2.1 18	87 6.5 26	108 6 18	99 12 17	87 -0.44 11	91 -0.43 10	88 -0.40 9
MAB 250094 6020165509 MAB 250094		MAB	180027	130 46	80 12	94 19								134 -2.47 51	95 0.14 28		80 0.3 12	94 -3.0 19							80 2.1 17							
MAB 250095 6020166911 MAB 250095		MAB	180013	108 45	83 12	106 19								107 -0.26 50	100 -0.05 28		83 2.2 12	106 0.1 19							76 -0.1 18							
MAB 250096 6020165517 MAB 250096		MAB	220047	86 42										89 1.24 48	94 0.19 21										77 0.7 8							
MAB 250097 6020165525 MAB 250097		MAB	220023	116 42										116 -1.00 48	93 0.21 21										78 1.3 10							
MAB 250098 6020165533 MAB 250098		MAB	180007	111 44	81 12	103 18								112 -0.65 49	93 0.23 25		81 1.0 12	103 -0.6 18							77 0.6 17							
MAB 250099 6020165541 MAB 250099		MAB	180006	123 44	82 12	104 18								122 -1.52 49	93 0.21 25		82 1.9 12	104 -0.4 18							77 0.8 17							
MAB 250100 6020165558 MAB 250100		MAB	180011	98 40	90 12	104 19								100 0.33 44	93 0.23 26		90 6.3 12	104 -0.4 19							78 1.0 17							
MAB 260005 6020696347 MAB 260005		WIL	180802	106 50	83 30	108 30	115 9	78 15		84 25				108 -0.31 54	91 0.31 35		87 -8 9	83 2.2 30	108 0.8 30	92 23 23	81 4.5 18	79 -5 9		84 2.0 10	85 4.2 14	85 -1.1 7	82 3.4 24	89 -5 10	82 -4 10			
MAB 260007 6020693971 MAB 260007		MAB	220011	100 40										102 0.18 46	94 0.20 20										77 0.2 10							
MAB 260011 6020694011 MAB 260011		WIL	210272	111 50	90 31	91 25	103 11	84 18		80 25				114 -0.84 55	86 0.50 33		96 2 11	90 6.4 31	91 -4.0 25	82 -1 22	90 11.6 22	88 29 7		91 5.9 10	93 -2.4 19	90 -2.1 9	83 4.2 26	95 -1 8	87 1 8			
MAB 260012 6020694060 MAB 260012		MAB	210007	107 13	83 11	106 18								108 -0.30 13	95 0.13 15		83 2.2 11	106 0.4 18							76 -0.2 14							

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ID Number Name				50	25	23	16	19	25						-0.62	0.09	-5	3.9	-0.6	18	7.1	12	-25	3.7	-3.1	-1.6	4.6	-7	-3	-1.65	-0.32
MAB 260013 6020694086 MAB 260013		WIL 210202		112	86	103	112	84	89			77																			
				50	25	23	16	19	25			8			16	25	23	21		20	13	5	19	18	13	26	14	14	8	7	7
MAB 260015 6020694078 MAB 260015		Z 210104		98	99	100	94	80	78			91																			
				51	34	31	26	25	31			14			26	34	31	30		25	15		17	30	17	28	17	17	14	13	12
MAB 260017 6020694110 MAB 260017		Z 200177		90	93	96	119	84	84			78																			
				52	34	31	26	26	31			16			26	34	31	30		30	20	8	21	30	19	30	21	21	17	16	16
MAB 260018 6020694128 MAB 260018		WO 201172		100	90	91	124	76	81																						
				49	29	25	22	18	26						0.20	0.16		18		9.5	2		5.5	3.7	-1.1	0.4	-5	-1			
				54											54	30		25		16	8		9	24	10	20	9	9			
MAB 260024 6020822240 MAB 260024		MAB 180002		110	81	103																									
				45	12	18									-0.70	0.34															
				50											50	27		18													
MAB 260025 6020822257 MAB 260025		MAB 180032		115	80	108																									
				45	12	19									-1.00	0.28															
				50											50	27		19													
MAB 260026 6020822265 MAB 260026		MAB 210030		95	87	107																									
				45	12	19									0.54	0.23															
				50											50	27		19													
MAB 260027 6020829484 MAB 260027		MAB 220001		88	90	110																									
				45	11	17									1.19	0.08															
				50											50	27		17													
MAB 260028 6020822273 MAB 260028		MAB 210012		116	82	106																									
				46	12	19									-0.92	0.07															
				51											51	30		19													
MAB 260032 6020822315 MAB 260032		MAB 180033		113	81	107																									
				45	12	19									-0.69	0.06															
				50											50	27		19													
MAB 260033 6020894751 MAB 260033		Z 230342		94	103	94	103	87	87			89																			
				49	32	22	18	17	26			8			0.99	-0.35		38		19.6	41	-32	9.2	-0.2	-3.1	6.2	1	8	-0.48	-0.01	0.11
				55											55	29		24		22	10	5	11	17	11	23	11	11	8	8	8
MAB 260034 6020894769 MAB 260034		MAB 180004		123	82	93																									
				46	12	19									-1.21	-0.23															
				51											51	30		19													

Breeding Values and Accuracies: Bulls

Green: >120 High
White: 80-120 Average
Orange: <80 Low

Inbreeding in red is high Value <80 Value >120 Breeding values with an accuracy < 5% are not printed

Animal			Selection Values										Birth		Wean				Growth			Fertility				Frame		Carcass		
Index EBV Acc	% Inbreeding	Sire ID Dam ID	Calv. Ease V	Calf Growth V		Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	FCR	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	EMA	Fat	Marbling
ID Number Name																														
MAB 260035 6020894777 MAB 260035		WIL 180149	103 51	85 26	101 25								106 -0.15 56	90 0.34 35		85 3.3 26	101 -1.1 25		83 6.0 12				93 -1.6 21		78 0.9 22					
MAB 260038 6020894793 MAB 260038		MAB 230013	93 47	97 26	115 16	104 7	88 12		95 20				93 0.94 53	103 -0.16 27	94 1 7	97 10.6 26	115 2.8 16	111 68 16	94 14.2 10	91 41 6		92 6.4 7	96 -4.7 9	98 -3.7 6	81 3.3 20	102 3 6	96 10 6			
MAB 260040 6020894819 MAB 260040		MAB 220038	103 43										105 -0.04 49	95 0.15 24										78 1.4 11						
MAB 260042 6020894835 MAB 260042		WO 200573	106 53	97 34	100 32	107 27	89 26		95 32		91 8		106 -0.16 57	97 0.06 37	93 0 27	97 10.5 34	100 -1.3 32	99 39 31	97 17.1 28	98 64 18	97 -36 8	99 10.7 21	104 -10.2 30	89 -1.8 19	85 5.6 30	93 -3 20	91 5 19	87 -0.47 9	99 0.04 8	97 0.15 8
MAB 260044 6020894850 MAB 260044		Z 210122	103 51	91 32	104 24	114 22	83 23		89 28		79 10		104 0.04 56	96 0.12 33	88 -7 22	91 6.6 32	104 -0.3 24	97 34 26	91 11.7 26	84 13 14		89 4.8 15	96 -4.7 27	90 -2.0 16	79 1.5 26	87 -6 15	84 -2 15	74 -1.67 10	99 0.06 9	99 0.23 9

Breeding Values and Accuracies: Cows

Green: >120 High
White: 80-120 Average
Orange: <80 Low

Inbreeding in red is high										Value <80		Value >120		Breeding values with an accuracy < 5% are not printed																			
Animal				Selection Values								Birth		Wean				Growth			Fertility				Frame		Carcass						
Index EBV Acc	ID Number Name	% Inbreeding	Sire ID Dam ID	Calv. Ease V	Calv Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	FCR	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	EMA	Fat	Marbling			
MAB 120012 96141239 12 012				104 42									108 -0.29 41	88 0.42 47											90 8.3 40								
MAB 160001 96141247 16 001				88 36	92 24	108 37							92 0.97 35	90 0.33 40		92 7.7 24	108 0.8 37							98 13.8 10									
MAB 180001 96141254 18 001				90 44	95 25	121 37							95 0.74 43	87 0.47 49		95 9.1 25	121 4.5 37							93 10.2 36									
MAB 180002 96141262 18 002				107 42	82 24	102 37							110 -0.46 41	88 0.40 47		82 2.0 24	102 -0.9 37							93 10.4 39									
MAB 180003 96141338 18 003				114 43	95 24	109 37							110 -0.51 42	107 -0.34 47		95 9.0 24	109 1.2 37							95 11.9 35									
MAB 180004 96141346 18 004				129 48	87 25	82 37							120 -1.31 47	118 -0.78 52		87 4.3 25	82 -6.4 37							92 10.0 40									
MAB 180006 96141288 18 006				123 36	89 23	105 35							121 -1.40 35	98 0.00 40		89 5.9 23	105 0.0 35							94 10.8 34									
MAB 180007 96141296 18 007				111 36	82 24	101 37							112 -0.64 35	93 0.22 40		82 1.4 24	101 -1.1 37							93 10.5 34									
MAB 180008 96141304 18 008				110 43									107 -0.21 42	106 -0.30 47										91 9.4 34									
MAB 180009 96141312 18 009				120 43	89 25	104 37							112 -0.67 42	117 -0.73 47		89 5.8 25	104 -0.4 37							95 11.5 35									
MAB 180010 96141320 18 010				93 36	98 24	109 37							98 0.48 35	86 0.50 40		98 11.2 24	109 1.2 37							95 11.8 34									
MAB 180011 95920245 18 011				96 41	95 24	100 37							101 0.29 40	88 0.42 46		95 9.0 24	100 -1.5 37							94 11.2 34									

Breeding Values and Accuracies: Cows

Green: >120 High
White: 80-120 Average
Orange: <80 Low

Inbreeding in red is high										Value <80		Value >120		Breeding values with an accuracy < 5% are not printed																
Animal				Selection Values								Birth		Wean				Growth			Fertility				Frame		Carcass			
Index EBV Acc	% Inbreeding	Sire ID	Dam ID	Calv. Ease V	Calv Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	FCR	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	EMA	Fat	Marbling
ID Number Name				Calv. Ease V	Calv Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	FCR	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	EMA	Fat	Marbling
MAB 180012 95920252 18 012				104 42	87 24	130 37							104 -0.01 41	98 0.02 47		87 4.8 24	130 7.1 37							91 9.0 36						
MAB 180013 95920260 18 013				117 42	81 24	104 37							115 -0.88 41	102 -0.14 47		81 0.9 24	104 -0.4 37							91 9.0 36						
MAB 180014 95920278 18 014				109 36	81 24	97 37							112 -0.63 35	89 0.37 40		81 1.2 24	97 -2.3 37							94 11.4 34						
MAB 180015 95920286 18 015				109 27									110 -0.46 26	94 0.20 30										92 10.0 35						
MAB 180016 95920294 18 016				91 44	93 25	124 37							91 1.09 43	104 -0.19 49		93 8.1 25	124 5.2 37							92 9.7 36						
MAB 180019 95920302 18 019				114 43	94 24	85 37							111 -0.60 42	105 -0.23 47		94 8.4 24	85 -5.7 37							93 10.7 36						
MAB 180021 95920328 18 021				110 43	89 22	103 34							109 -0.44 42	99 0.00 48		89 5.8 22	103 -0.4 34							95 11.8 40						
MAB 180022 95920336 18 022				103 34									107 -0.25 33	87 0.46 38										92 9.7 34						
MAB 180023 95920138 18 023				97 43	93 24	105 37							103 0.08 42	80 0.73 47		93 8.3 24	105 0.1 37							95 11.5 35						
MAB 180024 95920146 18 024				98 48	85 24	110 37							104 -0.01 46	81 0.68 53		85 3.7 24	110 1.3 37							90 8.4 41						
MAB 180025 95920153 18 025				123 43	86 24	84 37							117 -1.05 42	128 -1.15 47		86 4.1 24	84 -5.9 37							96 12.2 34						
MAB 180026 95920161 18 026				113 42	81 24	101 37							113 -0.71 41	95 0.14 47		81 1.2 24	101 -1.1 37							94 11.2 40						

Breeding Values and Accuracies: Cows

Green: >120 High
White: 80-120 Average
Orange: <80 Low

Inbreeding in red is high										Value <80		Value >120		Breeding values with an accuracy < 5% are not printed															
Animal			Selection Values								Birth		Wean				Growth			Fertility				Frame		Carcass			
Index EBV Acc	% Inbreeding	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	FCR	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	EMA	Fat	Marbling
ID Number Name																													
MAB 180027 95920187 18 027			112 44	99 24	95 37							105 -0.09 43	118 -0.76 49		99 11.7 24	95 -2.7 37							98 13.4 34						
MAB 180028 95920195 18 028			106 46	95 24	105 37							108 -0.31 45	92 0.27 48		95 9.0 24	105 0.1 37							94 11.1 34						
MAB 180029 95920203 18 029			113 42									113 -0.76 41	94 0.18 47										93 10.3 40						
MAB 180031 95920229 18 031			113 42	88 24	99 37							109 -0.38 41	108 -0.36 47		88 5.3 24	99 -1.8 37							95 11.9 40						
MAB 180032 95920237 18 032			108 42	84 24	114 37							108 -0.35 41	95 0.14 47		84 3.0 24	114 2.6 37							96 12.6 39						
MAB 180033 95920344 18 033			115 42	82 24	110 37							112 -0.69 41	102 -0.13 47		82 1.8 24	110 1.5 37							96 12.6 39						
MAB 180035 95920369 18 035			105 43									106 -0.18 42	94 0.19 47										90 8.8 34						
WIL 180149 95713145 WIL 180149		WIL 150465	89 67	92 52	99 50							93 0.89 68	90 0.35 65		92 7.5 52	99 -1.8 50		91 11.7 24			103 -10.1 41	94 11.1 44							
WIL 180802 88417654 WIL 180802		WIL 120150	101 66	85 60	111 61	113 18	88 30	91 44			75 5	105 -0.07 67	88 0.41 64	89 -6 18	85 3.5 60	111 1.6 61	96 33 46	84 6.5 35	81 2 18		85 2.5 20	88 1.6 28	83 -0.6 15	102 16.0 48	89 -5 20	80 -6 19	74 -1.71 5	83 -0.86 5	
Z 180141 88455225 Z180141		BOS 111255 Z 110086	92 74	104 73	90 75	85 67	114 58	94 64	105 32	91 58	95 35	99 0.44 75	82 0.66 72	116 25 67	104 14.5 73	90 -4.3 75	88 15 72	104 22.3 58	95 56 44	90 -28 14	92 6.5 50	117 -20.5 62	106 -5.2 46	111 21.8 65	92 50 50	90 4 49	89 -0.21 37	102 0.21 33	90 -0.26 32
MAB 190002 95920377 19 002			100 36	85 24	109 37							105 -0.12 35	84 0.59 40		85 3.3 24	109 1.0 37							97 13.0 33						
MAB 190003 95920385 19 003			106 36	93 24	100 37							107 -0.23 35	94 0.20 40		93 8.3 24	100 -1.3 37							101 15.4 32						

Breeding Values and Accuracies: Cows

Green: >120 High
White: 80-120 Average
Orange: <80 Low

Inbreeding in red is high

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

Animal				Selection Values								Birth		Wean				Growth			Fertility				Frame		Carcass				
Index EBV Acc	% Inbreeding	Sire ID	Dam ID	Calv. Ease V	Calv Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	FCR	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	EMA	Fat	Marbling	
ID Number Name				Calv. Ease V	Calv Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	FCR	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	EMA	Fat	Marbling	
MAB 190005				89									92	93											96						
95920401				36									0.97	0.24											12.6						
19 005													35	40											32						
MAB 190006				98									98	103											97						
95920419				36									0.54	-0.16											13.2						
19 006													35	40											32						
MAB 190008				103	85	110							106	87											97						
95920435				36	24	37							-0.19	0.46			3.2	1.4							13.0						
19 008													35	40			24	37							33						
WIL 190031				91	94	98	97	98	84				93	95	101	94	98	90		93			94	94		109					
89082051		WIL 100036		66	36	50	32	19	37				0.91	0.14	8	8.8	-2.1	18		14.0			7.8	-2.5		20.2					
WIL19031													67	64	32	36	50	39		14			31	12		43					
WIL 190056				81	96	116	99	99	93				84	97	99	96	116	108		98	92	93	92	107	91	101	89	87	87	96	98
95898052		WIL 160016		65	58	59	27	37	46				1.66	0.05	5	10.0	3.1	62		17.6	45	-31	6.5	-12.9	-2.3	15.5	-5	1	-0.39	-0.14	0.21
WIL190056													66	61	27	58	59	48		36	13	6	16	46	17	48	15	14	8	7	6
WIL 190189				111	99	80	92	125	106	92	99	89	117	77	108	99	80	78		97	99	101	98	131	109	121	95	88	95	91	73
95700720		WO 150252		73	68	67	38	47	55	34	51	30	-1.10	0.86	16	11.8	-7.1	-9		16.4	67	-40	10.2	-31.8	-5.8	28.0	-1	2	0.37	-0.42	-1.26
WIL 190189		WIL 150322											74	70	38	68	67	58		50	31	34	39	56	27	57	37	35	31	28	27
WIL 190230				98	94	92	98	103	89	99	85	89	96	106	100	94	92	85		96	100	101	115	126	86	100	89	87	93	87	83
95790325		FXF 080717		72	66	57	37	50	52	25	47	13	0.65	-0.30	7	8.5	-3.6	7		16.2	70	-40	19.9	-28.0	-1.2	14.5	-5	1	0.21	-0.67	-0.65
190230		WIL 120289											73	68	37	66	57	53		54	36	10	44	59	31	61	41	40	14	12	12
WIL 190448				94	97	86	105	115	99	93	93	84	96	95	95	97	86	86		99	90	87	118	127	106	104	100	89	89	85	83
95785614	6	FXF 060122		72	69	70	50	57	59	34	54	28	0.67	0.16	1	10.5	-5.2	9		18.1	34	-25	21.2	-28.8	-5.3	17.5	1	3	-0.26	-0.79	-0.66
190448		WIL 120108											73	70	50	69	70	63		58	46	19	49	62	46	64	49	48	29	27	26
Z 190048				92	104	94	124	115	120	99	114	96	89	112	77	104	94	109		102	100	94	101	106	117	112	90	95	95	108	101
89325724	7	Z 160024		74	70	66	61	52	60	21	52	21	1.25	-0.52	-19	14.4	-3.0	64		20.6	71	-32	11.5	-12.5	-7.5	22.4	-4	8	0.31	0.58	0.35
Z190048		Z 140026											75	69	61	70	66	66		64	29	11	31	61	35	60	31	31	22	20	20
Z 190072				97	95	102	122	100	107			78	97	101	80	95	102	105		89	83	87	85	94	94	113	91	84	80	84	70
89324768		Z 160024		68	64	62	55	44	54			10	0.62	-0.11	-16	9.2	-0.7	53		10.6	10	-25	2.3	-2.8	-2.8	22.8	-4	-2	-1.07	-0.84	-1.38
Z190072		Z 150804											69	63	55	64	62	60		58	14	5	15	55	23	54	16	15	11	10	10
Z 190308				86	103	61	96	113	79	76	71	83	98	68	104	103	61	68		107	80	70	96	115	102	114	94	87	77	127	102
88889050		Z 170028		73	71	67	63	52	60	29	54	40	0.51	1.21	12	14.1	-12.3	-32		24.7	-2	-6	8.7	-19.4	-4.4	23.8	-2	1	-1.45	1.66	0.44
Z190308		Z 170128											74	69	63	71	67	67		58	43	10	49	60	36	60	50	48	42	38	37
Z 190378				99	92	100	119	83	90			83	104	85	82	92	100	98		90	89	93	93	89	71	103	95	90	80	94	85
89324941		Z 160105		68	65	60	54	43	54			8	-0.01	0.55	-13	7.7	-1.3	38		11.4	31	-31	7.3	0.8	1.9	16.6	-1	4	-1.10	-0.26	-0.56
Z190378		Z 170015											70	61	54	65	60	60		58	13	6	14	52	26	52	14	14	9	8	8

Breeding Values and Accuracies: Cows

Green: >120 High
White: 80-120 Average
Orange: <80 Low

Inbreeding in red is high			Value <80				Value >120				Breeding values with an accuracy < 5% are not printed																		
Animal			Selection Values								Birth		Wean				Growth			Fertility				Frame		Carcass			
Index EBV Acc	% Inbreeding	Sire ID Dam ID	Calv. Ease V	Calv Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	FCR	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	EMA	Fat	Marbling
ID Number Name																													
MAB 200001			91 42	97 24	104 37							91 1.11 41	103 -0.18 46		97 10.6 24	104 -0.2 37							93 10.3 11						
MAB 200002			117 43	85 24	74 37							113 -0.77 42	104 -0.22 47		85 3.3 24	74 -8.6 37							94 11.4 11						
WIL 200009	FXF 110520	WIL 120273	102 60	93 60	113 53	103 34	98 46	101 47	101 21	97 42	92 18	106 -0.12 60	88 0.41 61	95 1 34	93 8.2 60	113 2.1 53	104 51 49	93 13.3 50	101 75 29	95 -34 10	101 11.6 39	95 -3.8 54	100 -4.0 27	101 15.7 57	110 7 38	97 11 36	96 0.42 19	93 -0.28 17	89 -0.33 16
WIL 200020	WIL 180315	WIL 160200	105 70	94 66	98 60	111 39	93 42	96 52			85 6	103 0.06 72	104 -0.21 64	91 -3 39	94 8.7 66	98 -2.1 60	94 28 55	91 12.4 48	92 42 21		100 10.8 34	104 -10.4 55	80 -0.1 18	103 16.8 54	94 -2 24	87 1 23	86 -0.55 6	89 -0.52 6	85 -0.54 5
WIL 200196	WIL 170324	WIL 150140	118 64	80 61	102 57	104 51	90 31	87 49				118 -1.18 66	91 0.29 57	94 1 51	80 0.8 61	102 -0.8 57	81 -3 56	78 2.3 38			83 1.3 17	89 1.5 46		101 15.7 46					
WIL 200207	1 WIL 180315	VYF 150108	95 71	93 69	107 62	111 44	99 45	100 54			89 8	98 0.48 73	91 0.30 66	90 -4 44	93 8.1 69	107 0.6 62	101 45 58	93 13.4 51	100 72 25		106 14.7 38	111 -16.1 56	88 -1.7 21	103 16.6 58	94 -2 28	88 2 27	91 -0.03 9	87 -0.66 8	94 -0.02 8
WIL 200225	WO 150252	WIL 142211	113 70	90 68	88 68	94 41	113 47	96 55	85 34	88 51	83 30	116 -1.02 71	86 0.52 66	105 12 41	90 6.5 68	88 -4.7 68	77 -13 59	90 11.2 51	93 48 31	101 -40 34	91 5.7 39	116 -20.3 57	99 -3.9 28	116 24.5 55	94 -2 37	84 -2 35	87 -0.40 31	86 -0.73 28	65 -1.68 27
WO 200149	1 V 160003	WO 090721	82 69	106 68	90 62	99 52	99 45	87 55	100 22	84 48	93 8	82 1.82 71	105 -0.26 64	99 6 52	106 15.5 68	90 -4.3 62	96 33 61	106 23.3 48	100 73 35	94 -33 5	91 6.1 39	102 -9.3 56	91 -2.2 25	106 18.8 55	94 -2 40	91 5 38	94 0.31 8	95 -0.18 7	103 0.49 7
WO 200472	WO 160019	WO 150238	96 70	103 66	115 55	96 36	96 40	103 50	92 22	96 44	99 8	101 0.24 72	84 0.57 64	101 8 36	103 13.9 66	115 2.9 55	114 75 52	99 18.5 46	98 64 35	90 -28 5	98 10.0 40	84 5.2 41	98 -3.8 25	107 19.4 54	101 2 39	104 17 38	96 0.48 9	108 0.55 8	103 0.46 8
WO 200573	11 WO 120299	WO 140070	105 72	113 69	95 63	96 54	108 53	112 57	123 28	112 51	109 18	104 -0.02 73	100 -0.05 68	102 9 54	113 19.4 69	95 -2.8 63	107 58 62	115 30.7 56	118 139 37	107 -46 16	115 19.8 42	125 -27.3 60	89 -1.8 38	109 20.4 60	95 -1 39	98 12 38	108 1.68 18	105 0.38 17	97 0.14 16
WO 201054	2 WO 171109	WO 170705	74 67	129 65	91 60	84 50	108 41	102 52			118 10	76 2.31 69	102 -0.13 62	117 26 50	129 28.6 65	91 -4.0 60	113 73 58	124 37.4 46	118 138 21	111 -52 11	116 20.1 23	98 -6.2 42	103 -4.7 31	117 25.6 51	122 14 23	120 32 22	116 2.40 10	107 0.54 9	101 0.33 9
WO 201172	WO 180390		100 61	96 58	75 49	131 45	84 36	86 46				102 0.18 63	92 0.25 54	69 -28 45	96 9.7 58	75 -8.4 49	85 6 51	93 13.8 32	84 15 15		97 9.5 18	90 0.5 47	82 -0.4 21	92 9.9 41	87 -6 19	86 0 18			

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Animal				Selection Values									Birth		Wean				Growth			Fertility				Frame		Carcass		
Index EBV Acc	ID Number Name	% Inbreeding	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	FCR	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	EMA	Fat	Marbling
Z 200177 90839457 Z200177		7	Z 170028 Z 100168	75 72	103 69	86 62	121 52	99 53	92 57	78 28	84 51	83 34	77 2.22 73	101 -0.10 68	82 -14 52	103 14.1 69	86 -5.3 62	99 39 61	104 21.9 59	85 18 40	84 -21 15	96 8.8 42	109 -14.4 61	85 -1.1 38	106 18.8 60	97 0 43	87 1 42	83 -0.83 35	110 0.68 32	85 -0.55 31
Z 200222 90761289 Z200222		1	RW 160164 Z 150046	126 68	82 66	87 59	129 51	108 51	111 55			66 18	122 -1.48 70	104 -0.20 62	71 -26 51	82 1.6 66	87 -5.1 59	78 -10 59	84 6.6 62	74 -21 28	69 -5 5	79 -0.8 30	114 -18.7 59	98 -3.6 36	110 20.8 57	72 -15 30	69 -16 30	72 -1.91 19	88 -0.62 17	85 -0.55 16
MAB 210001 95920450 21 001				102 36									105 -0.12 35	87 0.47 40											95 12.0 29					
MAB 210006 95920468 21 006				106 42									109 -0.39 41	90 0.35 47											92 9.8 29					
MAB 210008 95920484 21 008				112 43									113 -0.72 42	94 0.19 47											94 11.2 29					
MAB 210009 95920492 21 009				110 42									111 -0.58 41	94 0.18 47											96 12.1 29					
MAB 210012 95920526 21 012				115 48	87 24	108 37							112 -0.66 47	103 -0.19 53		87 4.3 24	108 0.7 37								97 13.2 29					
MAB 210017 95920534 21 017				114 36	84 24	115 37							112 -0.63 35	103 -0.18 40		84 2.6 24	115 2.9 37								94 11.3 22					
MAB 210026 95920542 21 026				111 42	92 23	111 35							113 -0.73 41	90 0.35 47		92 7.5 23	111 1.7 35								98 13.4 28					
MAB 210030 95920559 21 030				102 42	84 24	105 37							107 -0.23 41	84 0.58 47		84 2.8 24	105 0.0 37								96 12.4 28					
MAB 210032 95920575 21 032				104 36	84 23	106 35							107 -0.28 35	87 0.48 40		84 2.7 23	106 0.3 35								98 13.8 27					
MAB 210036 95920583 21 036				103 35	83 24	101 37							108 -0.33 34	84 0.59 39		83 2.3 24	101 -1.2 37								98 13.8 27					

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Index EBV Acc	% Inbreeding	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	FCR	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	EMA	Fat	Marbling	
ID Number Name																														
MAB 210038 95920591 21 038			111 26									111 -0.60 25	95 0.16 30											96 12.4 22						
MAB 210042 95920617 21 042			107 36	94 25	100 37							106 -0.14 35	101 -0.11 40		94 8.7 25	100 -1.5 37								98 13.7 21						
MAB 210044 95920625 21 044			123 36	79 24	101 37							118 -1.15 35	108 -0.39 40		79 0.0 24	101 -1.0 37								95 11.7 22						
MAB 210047 95920633 21 047			112 36									111 -0.56 35	100 -0.07 40											96 12.1 21						
WIL 210023 95713301 210023		WO 161032 WIL 100027	95 69	96 61	95 55	99 25	105 38	92 47				103 0.08 70	75 0.94 64	99 6	96 9.8 61	95 -2.9 55	90 18 47	94 14.3 40	88 30 5			91 6.0 6	107 -13.2 47	93 -2.7 16	113 22.6 50	93 -3 6	86 0 6			
WIL 210033 95785580 210033		WO 160440 WIL 100031	91 68	97 60	97 54	112 27	101 43	97 47		81 10		95 0.75 69	90 0.33 64	90 -4 27	97 10.1 60	97 -2.4 54	96 33 47	95 15.2 45	84 14 16	84 -21 8		85 2.8 30	114 -18.8 53	87 -1.5 22	105 17.6 54	90 -4 17	85 -1 17	85 -0.60 10	85 -0.78 9	77 -1.03 9
WIL 210202 95858387 210202		WO 170233 WIL 110001	119 66	89 50	99 47	105 32	99 39	100 43			82 15	118 -1.16 68	97 0.05 60	94 0 32	89 5.5 50	99 -1.6 47	88 13 43	88 10.0 40	90 36 26	89 -27 10		91 6.0 38	107 -13.2 37	87 -1.4 26	106 18.4 53	82 -9 28	82 -3 27	84 -0.68 16	92 -0.33 14	80 -0.85 14
WIL 210211 95790960 210211		WO 150252 WIL 150198	109 67	96 52	91 53	87 38	109 41	93 46	88 34	87 44	89 30	113 -0.78 68	84 0.58 62	114 23 38	96 9.8 52	91 -4.0 53	82 -2 48	95 14.8 44	99 68 31	108 -48 34		95 8.2 39	111 -16.1 41	99 -3.8 27	114 23.4 54	100 1 37	90 4 35	92 0.07 31	86 -0.70 28	64 -1.73 27
WIL 210222 95843686 WIL 210222	1	WIL 170342 VYF 140013	89 69	95 58	91 51	121 32	102 41	98 47			81 6	93 0.88 71	90 0.34 62	81 -15 32	95 9.5 58	91 -4.0 51	94 28 47	93 13.5 50	85 18 27			88 4.1 40	106 -11.9 45	101 -4.3 22	100 14.9 55	95 -2 30	87 1 30	86 -0.48 6	90 -0.48 6	91 -0.21 5
WIL 210272 95817110 210272		WO 161032 WIL 150333	111 68	100 62	77 51	93 20	100 37	86 45			88 8	116 -1.03 70	79 0.76 60	106 14 20	100 12.0 62	77 -7.9 51	77 -13 44	103 21.0 45	99 70 14	102 -41 6		99 10.3 20	105 -11.6 38	92 -2.4 19	105 17.6 53	100 1 16	90 4 15	92 0.11 8	77 -1.21 7	78 -0.96 7
WIL 210328 95897898 WIL210328		WO 161032 WIL 150130	97 64	92 61	91 49	111 17	83 33	78 42			79 8	105 -0.06 67	77 0.84 55	91 -3 17	92 7.5 61	91 -3.9 49	86 8 42	90 11.5 42	84 15 9			90 5.5 10	83 5.8 32	90 -2.1 19	87 7.0 48	96 -1 11	87 1 10	77 -1.41 8	88 -0.61 7	80 -0.82 7
WIL 210344 94042967 210344		WO 150252 WIL 140025	112 65	97 65	81 58	91 43	110 44	93 51	88 37	87 48	84 30	112 -0.66 67	95 0.13 57	109 17 43	97 10.6 65	81 -6.7 58	77 -12 55	95 14.8 54	94 52 36	96 -35 34		96 9.0 44	115 -18.9 48	102 -4.5 31	108 19.9 53	93 -2 42	85 -1 40	90 -0.09 32	89 -0.53 28	66 -1.63 28

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ID Number Name																														
Z 210043 92028489 Z 210043	2	BOS 177085 Z 150044	78 69	114 68	91 61	90 51	110 51	96 56	101 32	92 51	102 28	72 2.64 71	116 -0.70 62	110 18 51	114 20.3 68	91 -3.8 61	102 46 60	112 28.0 52	105 91 42	100 -39 19	96 9.1 45	109 -14.1 59	102 -4.5 36	115 23.9 57	107 5 46	107 20 45	101 0.91 29	112 0.80 26	100 0.32 26	
Z 210095 92138429 Z 210095	1	Z 170036 Z 150416	116 67	103 64	86 58	108 43	113 47	114 52			97 18	108 -0.34 69	119 -0.81 61	93 0 43	103 13.8 64	86 -5.4 58	92 24 55	106 23.7 52	101 77 21	93 -31 10	118 21.3 23	100 -7.1 55	118 -7.7 31	111 21.9 54	112 8 23	103 16 23	102 1.01 19	93 -0.28 18	81 -0.77 17	
Z 210104 92138502 Z 210104	1	WO 170764 Z 160048	92 70	114 68	93 61	79 53	91 50	83 56	118 20	83 49	108 28	88 1.32 72	123 -0.96 64	124 35 53	114 20.0 68	93 -3.4 61	97 34 61	117 32.0 50	113 120 30	98 -37 7	103 12.8 34	89 1.4 60	83 -0.7 34	107 19.0 56	109 7 35	110 23 33	104 1.27 29	100 0.13 26	100 0.30 25	
Z 210116 92138619 Z 210116		Z 150008	116 62	88 59	85 52	126 42	94 44	97 48			68 15	115 -0.90 64	98 0.04 56	76 -21 42	88 4.9 59	85 -5.6 52	81 -2 51	90 11.1 44	75 -18 26	76 -13 8	81 0.6 27	97 -4.8 51	92 -2.4 35	99 13.9 46	82 -9 27	74 -11 26	66 -2.44 16	92 -0.34 14	93 -0.12 14	
Z 210122 92138676 Z 210122	1	Z 160019 Z 190186	115 68	92 64	98 48	111 44	98 46	103 50			85 19	116 -1.00 70	90 0.33 60	91 -4 44	92 7.7 64	98 -1.9 48	93 24 52	95 15.3 50	91 38 28	90 -29 7	95 8.0 30	111 -16.3 54	91 -2.3 32	96 12.1 53	84 -8 30	85 -1 29	84 -0.73 20	105 0.42 18	100 0.30 18	
Z 210170 92193440 Z 210170		Z 160092 Z 170290	91 67	115 65	92 59	77 45	96 48	86 53	101 21	83 47	103 21	90 1.18 69	107 -0.33 61	128 39 45	115 21.0 65	92 -3.5 59	97 35 56	115 30.4 51	112 116 32	114 -54 8	111 17.2 35	87 2.9 55	92 -2.5 36	112 22.1 53	126 16 35	114 27 34	109 1.74 22	88 -0.57 20	78 -0.96 19	
Z 210183 92221985 Z 210183		Z 180038 Z 170017	94 69	101 67	94 60	103 51	91 46	87 54	79 24	79 48	90 37	96 0.68 71	97 0.07 62	96 2 51	101 12.5 67	94 -3.2 60	95 31 59	97 16.7 54	97 61 37	104 -43 9	101 11.5 41	81 7.4 57	96 -3.3 28	100 15.0 54	110 7 41	100 13 40	96 0.51 38	74 -1.42 36	79 -0.88 35	
Z 210192 92222058 Z 210192	3	WO 170764 Z 120089	95 70	112 68	92 62	113 49	85 51	98 56	118 28	98 50	108 30	92 0.98 72	127 -1.14 64	90 -4 49	112 19.2 68	92 -3.5 62	110 66 60	117 32.1 52	112 116 36	98 -37 16	104 13.6 40	98 -6.0 59	62 3.5 37	108 19.6 57	105 4 40	108 21 39	109 1.78 32	98 -0.04 29	94 -0.07 28	
MAB 220001 96940598 MAB 22 0001			103 42	84 22	106 34							107 -0.24 41	85 0.54 47		84 2.8 22	106 0.3 34								98 13.4 27						
MAB 220008 96940630 MAB 22 0008			110 26									111 -0.58 25	94 0.18 29												96 12.2 25					
MAB 220011 96940655 MAB 22 0011			105 25									108 -0.31 24	88 0.41 28												92 9.6 20					
MAB 220012 96940663 MAB 22 0012			108 27									110 -0.47 26	92 0.27 30												92 9.6 14					

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Animal				Selection Values								Birth		Wean				Growth			Fertility				Frame		Carcass			
Index EBV Acc	% Inbreeding	Sire ID	Dam ID	Calv. Ease V	Calf Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	FCR	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	EMA	Fat	Marbling
ID Number Name				Calv. Ease V	Calf Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	FCR	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	EMA	Fat	Marbling
MAB 220015				110									111	93											92					
96940671				33									-0.55	0.21											9.6					
MAB 22 0015													33	34											14					
MAB 220023				113									113	97											95					
96940689				27									-0.71	0.07											11.8					
MAB 22 0023													26	30											21					
MAB 220024				105									108	88											95					
96940507				27									-0.31	0.41											11.8					
MAB 22 0024													26	30											21					
MAB 220025				106									109	90											95					
96940523				27									-0.39	0.34											11.8					
MAB 22 0025													26	30											21					
MAB 220029				101									106	85											93					
96940515				27									-0.14	0.55											10.6					
MAB 22 0029													26	30											15					
MAB 220033				112									112	96											95					
96940457				35									-0.65	0.12											11.8					
MAB 22 0033													34	39											21					
MAB 220034				98									104	82											93					
96940465				27									-0.01	0.66											10.6					
MAB 22 0034													26	30											15					
MAB 220036				109									110	93											93					
96940473				27									-0.53	0.22											10.6					
MAB 22 0036													26	30											15					
MAB 220038				108									110	92											96					
96940481				36									-0.49	0.26											12.0					
MAB 22 0038													35	40											22					
MAB 220040				106									108	90											93					
96940499				27									-0.37	0.36											10.6					
MAB 22 0040													26	30											15					
MAB 220043				103									107	87											93					
96940531				27									-0.24	0.47											10.6					
MAB 22 0043													26	30											15					
MAB 220044				113									112	96											93					
96940549				27									-0.70	0.08											10.6					
MAB 22 0044													26	30											15					

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ID Number Name																														
MAB 220045 96940556 MAB 22 0045				105 27								108 -0.31 26		88 0.41 30					93 10.6 15											
MAB 220046 96940572 MAB 22 0046				106 27								108 -0.36 26		89 0.37 30					93 10.6 15											
MAB 220047 96940580 MAB 22 0047				97 27								103 0.06 26		80 0.72 30					93 10.6 15											
WIL 220363 95829594 220363		WO 150776 WIL 150168		103 65100 5792 44106 2495 3795 4392 12								102 0.21 67103 -0.18 57		94 012.2 24100 -3.6 5792 44		94 2942			97 16.6 3892 42-28 1710			90 5.4 36-8.2 36-1.7 2516.1 50				94 -2 1893 718		94 0.22 1296 -0.12 11-0.40 11		
WIL 220371 95974903 WIL 220371		2WIL 190120 WIL 200097		95 6297 5197 45109 26105 33100 4187 8								98 0.51 6593 0.24 50		92 -1 2610.3 5197 -2.2 4596 3341		96 3341			93 13.3 4025 -21 784 14			84 -21 73.5 -20.0 -2.6 18.1 45				87 -6 1587 -1 15		85 -1 1591 0.01 -0.39 88 -0.34 7		
Z 220110 93989663 Z 220110		1DYS 177058 Z 170037		79 66108 6678 5391 4499 4377 5178 2269 4528 83								80 2.00 69134 -1.39 57		109 1744108 6678 -7.5 5386 954		104 22.4 5681 5-11 32-1074 10			100 11.1 4496 -4.5 47-4.1 2716.4 54				92 -3 4490 3-0.22 3091 -0.45 27-0.12 26							
Z 220193 93993681 Z 220193		WO 170764 Z 190846		79 66117 6399 5184 39102 4094 48115 2193 43107 26								77 2.27 68114 -0.62 58		116 2639117 6399 -1.7 51108 6251		122 35.9 44111 11434102 -415			106 14.6 38111 -16.0 41-1.9 2818.7 52				112 9 38111 2437		107 1.57 2790 -0.47 25-0.83 24					
Z 220226 93994325 Z 220226		2Z 170028 Z 150621		92 67104 6474 54101 40107 4289 5081 2281 4430 84								92 1.00 69101 -0.10 61		98 540104 6414.3 -8.6 5482 -153		105 23.2 5487 25-25 3210			96 8.6 36104 -10.8 44-4.2 2922.8 54				102 3 3691 435		84 -0.76 320.18 29-1.25 2873					
MAB 230003 97104293 MAB 23 0003		VOVA190249 MAB 180001		82 83110 82108 80100 78112 79112 7499 78106 75100 77								84 1.69 8399 0.00 81		98 578110 17.9 821.0 8083 80		107 24.8 80109 105-47 7977			105 13.9 79107 -13.3 79-8.2 8116.3 81				110 7 79102 1579		107 1.58 7796 -0.11 770.58 77					
MAB 230009 97104368 MAB 23 0009		SB 200738 MAB 180004		102 82110 8298 8097 7998 79103 74108 79100 75102 78								96 0.65 83117 -0.71 80		101 879110 17.8 82-2.1 8057 80		116 31.5 80111 93-49 7978			124 24.7 8092 -1.3 79-4.4 7815.8 80				105 4 8097 1080		99 0.77 78102 0.25 78-0.40 78					
MAB 230013 97230312 MAB 23 0013		TG 180060 MAB 180016		97 83105 82120 8093 78108 79115 74104 78110 75101 78								96 0.64 83103 -0.19 81		104 1178105 15.1 824.3 8086 80		101 19.7 79106 93-37 7878			100 11.4 78111 -16.2 79-5.7 7815.7 80				115 10 78109 2278		101 1.00 78102 0.21 780.44 78					
MAB 230017 98556202 MAB 230017		TG 180060 MAB 180029		123 8198 79102 79108 78105 79117 7285 78109 7389 77								122 -1.45 8295 0.13 79		93 -17898 11.2 79-0.8 7946 79		93 13.9 7890 35-22 7877			100 11.2 78105 -11.7 78-5.5 7815.2 80				90 -47889 3		92 0.08 77103 0.30 770.31 77					

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Index EBV Acc	% Inbreeding	Sire ID	Dam ID	Calv. Ease V	Calf Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	FCR	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	EMA	Fat	Marbling
MAB 230019 97311146 MAB 23 0019	 TG 180060  MAB 180010	114 81	104 82	113 79	98 78	105 79	119 73	84 78	110 74	90 78	117 -1.08 82	86 0.51 79	99 6 78	104 14.5 82	113 2.2 79	114 75 80	101 19.9 78	84 13 78	68 -4 77	93 6.9 78	107 -12.6 78	103 -4.6 78	105 18.0 80	94 -2 78	97 10 78	93 0.21 78	104 0.35 77	97 0.14 77		
MAB 230020 97311153 MAB 23 0020	 SB 200738  MAB 110001	68 83	121 83	96 81	87 80	99 80	89 75	119 80	90 76	112 79	71 2.70 83	88 0.44 81	113 22 80	121 24.0 83	96 -2.6 81	110 66 81	127 40.2 80	125 163 80	123 -64 79	123 24.4 81	95 -3.8 80	98 -3.6 79	106 18.4 81	111 8 81	109 22 81	108 1.63 79	106 0.44 79	93 -0.10 79		
MAB 230026 97311211 MAB 23 0026	 TG 180060  MAB 180027	118 83	107 82	94 80	112 78	113 79	126 74	94 78	118 75	96 78	114 -0.79 83	108 -0.36 81	90 -4 78	107 16.0 82	94 -3.0 80	105 55 80	101 19.5 79	97 61 78	89 -27 78	106 14.7 78	110 -15.6 79	115 -7.2 78	105 18.1 80	103 3 78	100 13 78	97 0.52 78	102 0.23 78	102 0.39 78		
MAB 230029 97311245 MAB 23 0029	 CC 170066  MAB 180023	85 81	111 81	101 79	114 77	112 78	118 73	93 77	111 74	92 77	86 1.54 82	103 -0.19 79	88 -6 77	111 18.5 81	101 -1.1 79	118 84 79	110 26.8 78	96 57 77	90 -29 77	103 12.8 77	117 -21.1 77	111 -6.2 77	102 16.1 80	94 -2 77	91 5 77	95 0.40 77	101 0.16 77	104 0.52 77		
MAB 230032 97311278 MAB 23 0032	 SB 200738  MAB 180034	79 82	107 82	117 80	90 78	107 79	103 74	116 78	102 75	105 78	85 1.56 82	87 0.44 80	108 16 78	107 16.1 82	117 3.2 80	116 79 80	116 31.4 78	118 136 79	107 -46 78	125 25.4 79	113 -17.9 79	105 -5.1 78	100 15.0 80	117 11 80	110 23 79	105 1.30 78	109 0.62 78	102 0.44 78		
MAB 230035 97311302 MAB 23 0035	 CC 170066  MAB 180011	75 82	113 82	108 80	95 78	112 79	108 74	84 78	100 75	86 78	78 2.18 83	100 -0.05 80	102 10 78	113 19.6 82	108 0.8 80	118 83 80	110 26.8 80	84 13 78	74 -11 78	106 14.7 78	120 -23.1 78	111 -6.2 78	101 15.6 80	85 -7 78	87 1 78	87 -0.42 78	100 0.10 78	95 0.03 78		
MAB 230038 97311336 MAB 23 0038	 TG 180060  MAB 180021	117 82	100 81	107 79	100 78	110 79	117 73	88 78	109 74	89 77	115 -0.87 83	102 -0.12 80	98 4 78	100 11.8 81	107 0.6 79	105 54 79	95 15.2 78	89 31 78	81 -18 77	103 12.9 78	105 -11.4 78	116 -7.4 78	102 16.0 80	103 3 78	94 7 78	90 -0.10 77	102 0.23 77	108 0.75 77		
MAB 230039 97855431 23 039	 CC 170066  MAB 120002	90 81	109 81	105 79	104 77	114 78	116 73	95 77	110 74	90 77	91 1.06 82	99 -0.03 79	95 1 77	109 17.4 81	105 0.0 79	115 77 79	109 26.3 79	95 55 77	87 -24 77	107 15.3 77	118 -21.7 77	115 -7.0 77	102 16.0 79	99 1 77	94 7 77	92 0.02 77	92 -0.36 77	103 0.46 77		
MAB 230047 97311419 MAB 23 0047	 TG 180060  MAB 180005	114 82	93 80	119 79	115 78	107 79	125 73	83 78	115 74	85 78	114 -0.80 82	96 0.09 80	86 -9 78	93 8.3 80	119 3.9 79	115 77 79	90 11.2 79	85 16 78	75 -12 78	94 7.8 78	117 -20.9 79	102 -4.4 78	101 15.4 80	96 -1 78	89 3 78	88 -0.36 78	108 0.58 78	103 0.47 78		
MAB 230049 97311435 MAB 23 0049	 CC 170066  MAB 180030	77 81	124 79	99 78	88 77	106 78	104 72	93 77	98 73	98 77	73 2.62 82	112 -0.53 79	111 20 77	124 25.9 79	99 -1.6 78	117 83 78	122 36.1 79	99 70 77	97 -36 77	109 16.1 77	103 -9.4 77	114 -6.8 77	98 13.7 79	100 1 77	99 12 77	98 0.67 77	101 0.17 77	101 0.36 77		
MAB 230054 98994882 MAB 230054	 RLR 180027  MAB 160001	86 82	105 82	98 80	117 79	104 80	107 74	102 79	102 75	101 78	84 1.70 82	110 -0.45 80	85 -10 79	105 15.0 82	98 -2.0 80	109 64 80	105 23.1 80	104 85 80	89 -27 78	110 16.7 81	103 -10.0 80	104 -4.9 78	103 16.5 81	96 -1 81	105 18 80	101 0.91 78	101 0.14 78	113 1.05 78		
Z 230294 95727285 Z 230294	 Z 180038  Z 200177	76 84	99 84	92 81	119 80	86 81	81 75	71 79	72 76	81 80	76 2.32 85	106 -0.27 82	84 -12 80	99 11.6 84	92 -3.7 81	98 37 82	94 14.4 82	88 30 80	90 -29 78	98 9.9 80	83 5.6 81	83 -0.7 79	102 16.0 82	100 2 81	87 1 80	92 0.04 80	88 -0.60 79	80 -0.84 79		

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Animal				Selection Values							Birth		Wean				Growth			Fertility				Frame		Carcass				
Index EBV Acc	% Inbreeding	Sire ID	Dam ID	Calv. Ease V	Calf Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	FCR	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	EMA	Fat	Marbling
ID Number Name																														
Z 230342 95956132 Z 230342	3	Z 190312 WO 201054		96 83	117 84	80 80	93 79	105 79	99 74	99 78	95 75	105 78	92 1.02 84	115 -0.64 81	106 14 79	117 21.9 84	80 -7.1 80	97 35 81	116 31.3 80	106 93 78	100 -40 77	110 16.9 78	100 -7.4 79	102 -4.5 78	111 21.6 81	109 7 78	104 17 78	108 1.65 78	103 0.28 78	96 0.05 78
MAB 240002 97940134 24 002		WIL 190031		80 80	103 77	102 77	93 77	102 77	89 71	99 76	85 72	99 76	82 1.83 81	98 0.01 78	105 13 77	103 13.9 77	102 -0.8 77	101 44 77	102 20.3 77	105 89 76	101 -41 76	100 11.1 77	106 -11.8 77	104 -4.8 76	97 13.1 78	101 2 76	101 14 76	106 1.43 76	90 -0.46 76	107 0.71 76
MAB 240006 97311518 MAB 24 0006		WIL 190056		83 80	105 81	104 78	103 77	93 77	93 72	98 76	89 73	101 76	88 1.34 81	91 0.31 78	96 2 77	105 15.1 81	104 -0.2 78	110 65 79	106 23.4 78	104 86 77	101 -40 76	104 13.7 77	103 -10.0 77	94 -2.9 76	89 7.9 78	91 -4 77	95 9 77	102 1.04 76	108 0.56 76	111 0.90 76
MAB 240010 97311542 MAB 24 0010		WIL 190189		104 79	97 80	101 77	115 75	114 76	118 71	90 75	110 72	86 75	106 -0.14 80	94 0.19 77	87 -8 75	97 10.6 80	101 -1.2 77	102 47 77	95 14.9 76	90 37 75	82 -20 75	101 11.6 75	124 -26.2 76	114 -7.0 75	99 14.0 76	87 -6 75	85 -1 75	89 -0.19 75	103 0.26 75	104 0.51 75
MAB 240013 97311575 MAB 24 0013		MAB 190003		108 80	103 80	91 78	95 77	111 77	105 72	95 76	99 73	95 76	102 0.15 81	113 -0.57 78	103 11 77	103 14.0 80	91 -4.0 78	93 25 78	104 22.0 77	98 63 77	85 -23 76	82 0.8 77	123 -25.8 77	112 -6.6 77	94 10.8 78	91 -4 77	100 13 77	99 0.71 76	95 -0.17 76	103 0.45 76
MAB 240016 97311609 MAB 24 0016		MAB 210031		92 81	111 81	100 79	109 78	111 78	117 73	100 78	111 74	99 77	89 1.27 81	112 -0.52 79	92 -2 78	111 18.4 81	100 -1.4 79	114 75 79	108 25.1 78	101 75 78	92 -31 77	97 9.2 78	116 -20.3 78	122 -8.4 77	91 9.3 79	98 0 78	99 13 78	98 0.70 77	102 0.24 77	106 0.65 77
MAB 240019 97311633 MAB 24 0019		SB 200738 MAB 210042		93 82	118 82	94 80	88 79	109 79	107 74	114 79	105 75	111 78	91 1.07 83	106 -0.29 80	112 20 79	118 22.6 82	94 -3.1 80	107 59 80	125 38.0 80	119 142 80	116 -57 78	126 25.9 80	108 -13.5 79	111 -6.2 79	105 17.8 80	115 10 80	108 21 80	110 1.87 78	99 0.06 78	96 0.08 78
MAB 240020 97311641 MAB 24 0020		SB 200738 MAB 210026		94 82	115 82	119 80	81 79	106 79	113 74	120 79	112 75	116 78	99 0.44 83	86 0.52 80	119 28 79	115 20.9 82	119 3.9 80	120 90 80	126 39.1 79	126 166 79	119 -60 78	133 30.0 80	98 -6.1 79	112 -6.4 78	104 17.2 80	120 13 80	114 27 80	116 2.43 78	110 0.68 78	99 0.21 78
MAB 240021 97311658 MAB 24 0021		SB 200738 MAB 180006		107 82	113 82	112 80	89 79	102 79	114 74	113 79	112 75	112 78	107 -0.23 83	97 0.05 80	109 17 79	113 19.4 82	112 2.1 80	117 83 80	121 35.2 79	124 160 79	125 -66 78	137 32.4 80	111 -16.1 79	94 -2.9 78	102 15.8 80	113 9 80	108 21 80	112 2.06 78	106 0.45 78	103 0.45 78
MAB 240030 97311740 MAB 24 0030		SB 200738 MAB 210017		91 82	107 82	121 80	94 79	99 79	108 74	107 79	104 75	100 78	91 1.10 83	104 -0.20 80	103 10 79	107 16.1 82	121 4.4 80	121 93 80	114 30.2 80	112 114 80	106 -45 78	123 24.2 80	106 -12.2 79	94 -2.9 79	101 15.4 80	111 8 80	103 16 80	101 0.98 78	98 0.01 78	94 -0.06 78
MAB 240031 97311757 MAB 24 0031		WIL 210023		91 79	98 80	102 76	108 75	101 76	99 71	91 75	92 72	84 75	93 0.89 80	96 0.11 77	93 -1 75	98 11.1 80	102 -0.9 76	101 45 77	94 14.5 76	90 38 75	80 -17 75	85 2.6 75	110 -15.6 76	99 -3.9 75	95 11.7 76	92 -3 75	89 3 75	91 -0.06 75	96 -0.12 75	104 0.50 75
MAB 240035 97311799 MAB 24 0035		CC 170066 MAB 110002		72 82	117 82	107 80	106 78	113 79	116 74	97 78	110 75	96 78	70 2.84 83	99 -0.03 80	94 0 78	117 21.8 82	107 0.6 80	126 103 80	116 31.8 80	101 75 78	96 -35 78	99 10.7 78	114 -18.2 78	113 -6.6 78	105 18.1 80	102 2 78	99 12 78	97 0.52 78	98 0.00 78	101 0.34 78

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ID Number Name																														
MAB 240038 97668362 MAB 24 0038	 	BOS 200556	MAB 200001	89 83	117 81	96 80	88 78	105 79	101 73	108 78	99 74	109 78	85 1.56 84	114 -0.63 80	112 21 78	117 22.2 81	96 -2.7 80	108 60 80	116 31.2 79	113 121 78	110 -50 78	106 14.4 78	105 -11.4 79	107 -5.5 78	100 15.0 80	120 13 78	116 29 78	110 1.80 78	94 -0.22 78	103 0.49 78
MAB 240041 97668388 MAB 24 0041	 	ZCW 170120	MAB 180031	115 84	102 83	93 82	120 81	97 81	112 75	93 80	105 76	96 81	107 -0.27 84	117 -0.72 82	82 -13 81	102 13.0 83	93 -3.2 82	103 48 82	99 18.6 82	96 59 81	87 -25 79	104 13.4 82	105 -11.3 81	88 -1.6 80	104 17.0 82	89 -5 82	100 13 82	101 0.94 81	81 -1.02 81	94 -0.04 81
MAB 240043 97668404 MAB 24 0043	 	ZCW 170120	MAB 180035	103 84	108 82	88 81	113 81	99 81	107 75	107 80	103 76	100 80	104 0.03 84	96 0.10 82	90 -5 81	108 16.7 82	88 -4.7 81	102 46 81	107 24.1 82	106 93 81	92 -30 79	111 17.5 82	110 -15.6 81	90 -2.1 79	101 15.5 82	103 3 82	107 20 82	106 1.45 81	76 -1.29 80	94 -0.04 80
MAB 240045 97668412 MAB 24 0045	 	BOS 200556	MAB 210008	112 83	107 82	92 80	89 79	110 80	106 74	109 78	103 75	105 78	112 -0.66 84	95 0.14 81	111 19 79	107 16.4 82	92 -3.8 80	95 30 80	105 23.0 80	115 127 79	112 -52 78	97 9.3 79	119 -22.2 80	108 -5.7 79	100 14.6 80	111 7 79	107 20 79	104 1.22 78	99 0.03 78	99 0.23 78
MAB 240049 97668453 MAB 24 0049	 	CC 170066	MAB 190006	84 82	112 80	102 79	93 78	111 79	106 73	100 78	101 74	101 78	81 1.91 83	113 -0.58 80	105 13 78	112 19.1 80	102 -0.8 79	111 67 79	112 28.1 80	104 87 78	97 -36 78	114 19.1 78	109 -14.5 79	115 -7.0 78	104 17.1 80	103 3 78	101 14 78	100 0.85 78	108 0.57 78	109 0.79 78
MAB 240051 97670103 MAB 24 0051	 	PR 200709	MAB 180025	115 83	105 81	82 80	99 79	95 80	95 74	100 78	91 75	105 78	109 -0.41 83	114 -0.61 81	100 7 79	105 14.8 81	82 -6.6 80	88 14 80	97 16.8 80	104 87 79	97 -35 78	102 12.1 79	92 -1.4 80	96 -3.2 79	102 16.1 81	97 0 79	102 16 79	108 1.59 79	120 1.29 78	112 1.00 78
MAB 240052 97670111 MAB 24 0052	 	PR 200709	MAB 200002	96 83	105 82	77 81	98 80	101 80	86 74	105 80	84 75	102 79	100 0.35 84	89 0.39 81	102 9 80	105 15.0 82	77 -7.9 81	84 4 81	103 21.1 81	105 90 80	93 -31 79	108 15.4 80	104 -10.7 80	98 -3.6 80	102 16.2 81	102 3 80	105 18 80	104 1.25 79	111 0.78 79	107 0.67 79
MAB 240053 97670129 MAB 24 0053	 	PR 200709	WIL 210272	108 84	109 83	72 82	86 80	103 81	88 75	109 80	86 76	104 80	116 -1.03 85	71 1.08 82	116 25 80	109 17.6 83	72 -9.3 82	80 -6 82	110 26.7 82	112 116 80	109 -48 80	114 19.0 80	105 -11.3 81	98 -3.7 80	105 17.9 82	109 7 80	103 16 80	108 1.63 80	89 -0.52 80	102 0.43 80
MAB 240054 97670137 MAB 24 0054	 	PR 200709	MAB 210001	87 83	122 81	109 80	82 79	108 80	110 74	121 78	110 75	128 78	100 0.35 83	65 1.34 81	119 29 79	122 24.7 81	109 1.0 80	118 85 80	120 34.4 80	127 170 79	120 -61 78	125 25.6 79	107 -12.7 80	112 -6.4 79	101 15.4 80	127 17 79	131 43 79	128 3.64 79	119 1.24 78	116 1.21 78
MAB 240055 97670145 MAB 24 0055		Z 210095		84 81	122 79	96 78	79 77	111 78	103 72	126 76	104 73	121 76	81 1.92 82	123 -0.98 78	123 34 77	122 24.9 79	96 -2.6 78	107 59 78	128 40.3 78	126 168 77	110 -50 76	126 25.8 77	113 -17.3 78	120 -8.1 77	95 11.6 78	125 16 77	126 38 77	121 2.93 76	96 -0.11 76	104 0.52 76
MAB 240058 97670178 MAB 24 0058	 	PR 200709	MAB 180009	94 83	103 82	105 81	91 80	106 80	100 74	101 80	95 75	104 79	94 0.83 84	100 -0.06 81	107 15 80	103 13.7 82	105 0.1 81	102 48 81	97 17.1 81	101 78 80	91 -29 79	111 17.4 80	111 -16.0 80	104 -4.8 80	102 15.8 81	107 5 80	107 20 80	102 1.07 79	118 1.14 79	109 0.82 79
MAB 240059 97670186 MAB 24 0059	 	PR 200709	MAB 180028	86 84	109 82	108 81	100 80	108 81	110 75	109 80	106 76	111 80	93 0.88 84	81 0.70 82	97 4 80	109 17.2 82	108 0.7 81	115 79 81	105 23.3 81	114 123 80	109 -49 79	118 21.3 80	107 -12.7 81	115 -7.1 80	99 14.3 81	121 13 80	115 28 80	114 2.25 80	105 0.39 80	112 0.97 80

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Animal				Selection Values							Birth		Wean				Growth			Fertility				Frame		Carcass				
Index EBV Acc	% Inbreeding	Sire ID Dam ID		Calv. Ease V	Calf Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	FCR	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	EMA	Fat	Marbling
ID Number Name																														
MAB 240060 97670194 MAB 24 0060	  PR 200709 MAB 180028			106 83	107 82	95 81	91 80	102 80	100 74	116 80	99 75	112 79	111 -0.56 84	83 0.61 81	108 17 80	107 15.9 82	95 -2.8 81	98 36 81	105 22.7 81	116 129 80	106 -46 79	118 21.6 80	105 -11.7 80	103 -4.6 80	99 14.1 81	119 12 80	115 28 80	115 2.28 79	102 0.22 79	111 0.90 79
MAB 240061 97670202 MAB 24 0061	  CC 170066 MAB 210047			101 81	111 79	91 78	89 77	105 78	101 72	94 77	95 73	94 77	97 0.60 82	113 -0.57 79	110 19 77	111 18.6 79	91 -3.9 78	98 38 78	108 25.4 79	96 56 77	88 -26 77	106 14.4 77	101 -8.2 77	114 -6.8 77	99 14.2 79	97 0 77	95 8 77	94 0.30 77	98 -0.03 77	102 0.43 77
MAB 240064 97940092 MAB 240064	1   PR 200709 WIL 210202			117 84	94 82	94 81	93 80	101 80	94 75	95 79	89 76	93 79	121 -1.42 85	81 0.70 81	105 13 80	94 8.4 82	94 -3.2 81	84 5 81	90 11.1 80	98 65 79	92 -30 79	101 11.5 80	108 -14.0 80	91 -2.3 79	106 18.4 81	85 -7 80	91 4 79	94 0.30 79	102 0.25 79	98 0.18 79
MAB 240066 97670285 MAB 24 0066	  CC 170066 MAB 190005			76 82	118 81	119 80	92 79	115 79	119 73	104 78	114 74	104 78	71 2.73 83	111 -0.50 80	106 14 79	118 22.3 81	119 4.1 80	130 113 80	117 31.9 80	110 108 79	105 -45 78	114 19.1 79	116 -20.0 79	119 -7.8 78	102 16.1 80	100 2 79	102 15 79	102 1.00 78	91 -0.41 78	105 0.58 78
MAB 240068 97670301 MAB 24 0068	  PR 200709 MAB 120001			89 84	113 82	104 81	89 80	96 81	97 75	115 80	96 76	117 79	95 0.76 84	85 0.55 82	110 18 80	113 19.5 82	104 -0.3 81	110 67 81	112 28.6 81	119 140 80	108 -48 79	120 22.5 80	97 -5.0 81	97 -3.5 80	99 13.9 82	113 9 80	119 31 80	119 2.69 79	101 0.16 79	121 1.47 79
MAB 240069 97670327 MAB 24 0069	  PR 200709 MAB 180015			102 82	106 81	81 80	89 79	105 80	91 74	96 78	87 75	99 79	106 -0.13 83	87 0.45 80	111 20 79	106 15.8 81	81 -6.7 80	85 7 80	105 22.9 80	99 67 79	88 -26 78	97 9.6 79	114 -18.6 80	102 -4.4 79	99 14.3 81	98 0 79	102 15 79	99 0.75 79	110 0.67 79	106 0.66 79
MAB 240071 97670335 MAB 24 0071	  PR 200709 WIL 210222			88 84	100 83	86 82	122 80	101 81	98 75	92 80	92 76	93 80	97 0.57 85	75 0.94 82	80 -16 80	100 12.1 83	86 -5.4 82	95 30 82	97 16.9 82	97 61 80	90 -28 79	108 15.6 81	105 -11.3 81	94 -2.8 80	105 18.1 82	91 -4 80	91 4 80	97 0.52 80	103 0.28 79	105 0.56 79
MAB 240072 97670343 MAB 24 0072	2   WO 200714 Z 220213			126 84	95 83	106 81	103 80	98 80	111 75	98 79	105 76	92 78	127 -1.88 85	90 0.35 81	96 2 80	95 9.1 83	106 0.3 81	100 42 81	98 17.7 82	101 75 79	83 -21 79	113 18.3 80	100 -7.2 80	99 -3.8 79	100 14.6 81	93 -3 80	99 13 79	93 0.19 79	117 1.08 78	107 0.70 78
MAB 240073 97670350 MAB 24 0073	  PR 200709 MAB 120009			98 83	103 81	102 80	93 80	100 80	96 74	104 79	93 75	104 79	102 0.13 84	86 0.51 81	105 13 80	103 13.8 81	102 -0.9 80	101 44 80	99 18.2 80	101 76 79	88 -27 79	120 22.4 79	96 -4.1 80	105 -5.2 79	99 14.2 81	110 7 79	109 22 79	109 1.72 79	109 0.64 79	116 1.21 79
MAB 240074 97670368 MAB 24 0074	2   SB 200738 WIL 220363			81 83	112 82	108 81	93 80	103 80	102 74	111 79	99 75	112 79	85 1.62 84	94 0.18 81	105 13 80	112 19.2 82	108 0.8 81	115 78 81	119 33.8 80	121 148 80	119 -60 78	124 24.7 81	106 -12.1 80	98 -3.6 79	105 18.0 81	110 7 81	108 21 80	112 2.04 79	105 0.39 79	98 0.18 79
MAB 240075 97670434 MAB 24 0075	  SB 200738 MAB 180003			95 83	119 81	109 80	86 79	104 80	111 74	112 79	109 75	116 79	94 0.87 83	106 -0.29 81	114 23 79	119 23.0 81	109 1.1 80	119 86 80	127 40.0 80	121 150 80	122 -62 78	135 31.0 80	94 -3.0 80	110 -6.0 79	105 17.7 80	120 13 80	112 25 80	115 2.37 79	115 0.97 79	101 0.35 79
MAB 240080 97670483 MAB 24 0080	  SB 200738 MAB 180027			81 83	123 81	105 80	89 79	101 79	106 74	126 79	107 75	124 79	80 1.98 83	109 -0.40 81	109 18 79	123 25.2 81	105 -0.1 80	121 92 80	129 41.6 80	131 184 80	123 -64 78	136 31.4 80	101 -8.3 79	100 -4.1 79	104 17.0 80	118 12 80	119 32 80	124 3.22 79	96 -0.15 79	100 0.32 79

Breeding Values and Accuracies: Cows

Green: >120 High
White: 80-120 Average
Orange: <80 Low

Inbreeding in red is high

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

Animal				Selection Values								Birth		Wean				Growth			Fertility				Frame		Carcass				
Index EBV Acc	% Inbreeding	Sire ID	Dam ID	Calv. Ease V	Calf Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	FCR	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	EMA	Fat	Marbling	
MAB 240087 97670517 MAB 24 0087		SB 200738	MAB 180008	96 83	109 81	104 80	106 79	98 79	108 74	119 79	107 75	112 78	92 0.99 83	112 -0.51 81	94 0 79	109 17.2 81	104 -0.2 80	115 76 80	117 31.9 80	123 155 80	116 -56 78	137 32.5 80	99 -6.9 79	98 -3.6 79	101 15.2 80	121 14 80	113 26 80	111 1.94 79	103 0.27 78	100 0.29 78	
MAB 240095 98410103 MAB 240095		TG 180060	MAB 210012	125 82	94 80	109 80	102 78	103 79	114 73	89 78	107 74	86 78	121 -1.39 83	103 -0.18 80	96 2 78	94 8.8 80	109 1.2 80	102 47 79	93 13.3 79	89 31 78	77 -14 78	103 13.0 79	109 -14.6 79	96 -3.3 78	105 17.6 80	92 -3 79	91 5 78	89 -0.22 78	88 -0.60 78	94 -0.07 78	
MAB 240102 98410178 MAB 240102	2 	Z 200084	Z 210122	100 83	103 82	78 80	101 80	87 80	79 74	76 78	71 75	88 78	96 0.65 84	112 -0.53 81	98 5 80	103 13.6 82	78 -7.7 80	83 2 81	99 18.6 80	85 19 79	83 -21 78	95 8.1 79	84 4.9 80	94 -2.9 79	93 10.6 81	86 -7 79	88 2 79	90 -0.10 79	122 1.39 78	104 0.50 78	
Z 240053 97202352 Z 240053	1 	WO 200601	Z 190048	93 85	112 84	104 82	98 81	110 81	113 76	127 80	114 77	122 79	94 0.82 86	97 0.08 82	100 7 81	112 19.2 84	104 -0.3 82	115 77 82	119 33.9 82	128 175 80	112 -53 80	112 18.2 81	108 -13.6 81	113 -6.7 80	103 16.7 82	102 3 81	115 27 80	118 2.61 79	116 1.03 79	103 0.48 79	
Z 240055 97202311 Z 240055		WO 200149		88 80	103 78	103 78	94 77	95 77	90 71	103 76	87 72	98 76	90 1.18 81	98 0.03 78	104 11 77	103 13.8 78	103 -0.6 78	102 47 78	104 22.1 78	108 100 77	103 -42 76	112 18.0 77	100 -7.4 77	97 -3.5 76	94 10.8 78	100 2 77	100 13 77	100 0.88 76	92 -0.34 76	102 0.40 76	
MAB 250004 99165722 MAB 250004		MAB 220033		109 41									109 -0.45 46	95 0.14 23											78 1.3 10						
MAB 250007 99165748 MAB 250007		MAB 220012		106 42									108 -0.30 48	93 0.21 21												77 0.2 7					
MAB 250009 99165763 MAB 250009		MAB 220015		106 41									107 -0.24 47	95 0.15 22												77 0.2 7					
MAB 250010 99165771 MAB 250010		MAB 220034		89 42									92 1.03 48	94 0.19 21												77 0.7 8					
MAB 250012 99165797 MAB 250012		MAB 220022		100 41									101 0.22 47	94 0.20 22												75 -0.8 10					
MAB 250015 99165839 MAB 250015		WIL 210023		96 52	91 31	101 28	109 13	87 19	85 27				100 0.29 57	87 0.48 35	92 -2 13	91 6.9 31	101 -1.0 28	93 26 24	89 10.2 20				95 -3.2 23	91 -2.2 8	87 6.7 25						
MAB 250016 99165847 MAB 250016		WO 200472		96 52	95 33	112 27	108 18	82 20	90 28				99 0.41 57	91 0.29 35	93 -1 18	95 9.0 33	112 1.9 27	106 56 26	92 12.5 22	87 27 17		91 5.8 20	83 6.0 20	93 -2.7 12	84 5.1 27	95 -1 20	94 7 19	80 -1.07 5			

Breeding Values and Accuracies: Cows

Green: >120 High
White: 80-120 Average
Orange: <80 Low

Inbreeding in red is high

Value <80Value >120

Breeding values with an accuracy < 5% are not printed

Animal			Selection Values								Birth		Wean				Growth			Fertility				Frame		Carcass				
Index EBV Acc	% Inbreeding	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	FCR	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	EMA	Fat	Marbling	
ID Number Name																														
MAB 250018 99165805 MAB 250018		MAB 220022	104 41									106 -0.19 47	92 0.27 22											75 -0.8 10						
MAB 250019 99165862 MAB 250019		WIL 210033	101 52	89 30	101 27	115 13	85 21	87 27				103 0.08 57	92 0.28 35	88 -7 13	89 5.5 30	101 -1.2 27	92 23 23		87 8.8 22	81 2 8		84 2.2 15	98 -5.9 26	88 -1.6 11	83 4.2 27	90 -4 9	84 -2 8	75 -1.60 5		
MAB 250020 99165870 MAB 250020		WIL 200207	107 52	85 34	105 31	114 22	84 22	88 30				110 -0.46 57	90 0.34 36	88 -7 22	85 3.3 34	105 0.0 31	91 21 29		84 6.5 26	89 31 12		95 8.1 19	96 -4.6 28	88 -1.7 10	82 3.7 29	92 -3 14	86 0 14	78 -1.32 5		
MAB 250027 99165920 MAB 250027		MAB 220044	115 42									115 -0.95 48	93 0.21 21											77 0.7 8						
MAB 250030 99163867 MAB 250030		WIL 200196	107 51	83 30	105 29	112 25						108 -0.33 56	95 0.15 32	90 -5 25	83 2.4 30	105 0.0 29	89 15 28		81 4.3 19			83 1.4 8	85 4.2 23		81 3.2 23					
MAB 250037 99163719 MAB 250037		MAB 180009	113 45	86 12	105 19							110 -0.47 50	106 -0.28 28		86 3.8 12	105 -0.1 19								78 1.2 18						
MAB 250039 99163735 MAB 250039		WIL 200020	111 52	86 33	101 30	114 20	81 21	86 29				111 -0.54 57	97 0.06 35	88 -7 20	86 4.0 33	101 -1.2 30	88 15 28		84 6.4 24	84 15 11		91 6.2 17	93 -1.8 28	84 -0.9 9	82 3.8 27	92 -3 12	85 0 12			
MAB 250040 99163743 MAB 250040		Z 210183	99 52	92 34	100 29	112 26	80 23	83 30			81 18	100 0.34 57	96 0.09 34	90 -4 26	92 7.5 34	100 -1.4 29	94 28 30		89 10.6 26	87 25 19		92 6.5 20	81 7.2 28	92 -2.5 14	81 2.9 27	100 1 20	92 5 20	81 -1.05 19	83 -0.86 18	88 -0.36 17
MAB 250043 99163776 MAB 250043		MAB 210042	104 44	89 12	103 19							103 0.05 49	99 -0.02 25		89 5.9 12	103 -0.5 19								80 2.2 10						
MAB 250047 99163818 MAB 250047		MAB 180001	84 45	94 12	117 19							86 1.47 50	97 0.08 28		94 8.9 12	117 3.3 19								77 0.5 18						
MAB 250048 99163826 MAB 250048		MAB 160001	83 44	93 12	110 18							85 1.58 49	98 0.01 25		93 8.2 12	110 1.4 18								80 2.3 5						
MAB 250049 99163834 MAB 250049		MAB 180035	94 45									95 0.76 50	99 -0.01 27											76 -0.2 17						

Breeding Values and Accuracies: Cows

Green: >120 High

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Orange: <80 Low

Inbreeding in red is high

Value <80

Value >120

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Animal			Selection Values							Birth		Wean				Growth			Fertility				Frame		Carcass					
Index EBV Acc	% Inbreeding	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	FCR	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	EMA	Fat	Marbling	
ID Number Name																														
MAB 250051 99163875 MAB 250051		MAB 180025	114 45	86 12	96 19							108 -0.34 50	113 -0.55 28		86 3.8 12	96 -2.6 19							79 1.5 18							
MAB 250053 99163891 MAB 250053		WIL 190056	94 51	89 29	111 29	109 13	84 18	86 26				95 0.73 56	96 0.10 34	92 -2 13	89 6.0 29	111 1.7 29	100 42 24		89 10.7 18	85 17 7		88 4.0 8	94 -3.0 23	90 -2.0 8	81 3.2 24	90 -5 7	85 -1 7			
MAB 250054 99163909 MAB 250054		Z 190378	106 52	86 33	102 30	118 27	76 22	83 30				109 -0.42 57	88 0.41 34	84 -12 27	86 3.9 33	102 -0.8 30	92 23 30		84 6.5 30	83 10 7		88 4.4 7	86 3.8 26	79 0.1 13	82 3.7 26	93 -3 7	87 1 7			
MAB 250064 99212755 MAB 250064		WIL 190230	102 53	88 33	99 29	109 18	86 25	83 29			81 6	101 0.23 57	100 -0.07 37	92 -2 18	88 5.2 33	99 -1.6 29	88 13 27		88 10.0 27	88 30 18	94 -32 5	99 10.7 22	104 -10.6 29	87 -1.5 15	80 2.7 30	90 -5 21	85 -1 20	79 -1.20 7	90 -0.48 6	91 -0.24 6
MAB 250065 99290686 MAB 250065		WIL 210328	94 50	90 30	100 24	114 8	76 16	77 24				98 0.50 56	89 0.38 31	88 -6 8	90 6.5 30	100 -1.3 24	93 26 21		88 9.8 21			87 3.5 5	82 6.3 16	89 -1.9 9	74 -1.1 24	93 -3 5	85 -1 5			
MAB 250066 99212763 MAB 250066		MAB 180016	93 45	90 12	116 19							93 0.91 50	101 -0.11 28		90 6.4 12	116 3.1 19							77 0.3 18							
MAB 250067 99212771 MAB 250067		WO 200573	107 53	97 34	100 32	107 27	89 26	95 32			91 8	107 -0.22 57	97 0.07 37	93 0 27	97 10.3 34	100 -1.3 32	98 38 31		97 16.9 28	98 64 18	97 -36 8	99 10.7 21	104 -10.2 30	89 -1.8 19	85 5.6 30	93 -3 20	91 5 19	87 -0.47 9	99 0.04 8	97 0.15 8
MAB 250071 99212656 MAB 250071		Z 180141	95 54	95 36	99 37	98 33	91 29	83 35			84 17	98 0.49 58	90 0.33 38	100 7 33	95 9.3 36	99 -1.7 37	92 23 35		94 14.3 30	86 22 22	88 -26 7	88 4.0 25	99 -6.8 31	97 -3.5 23	86 6.3 32	91 -4 25	87 1 24	77 -1.41 18	97 -0.04 16	94 -0.05 16
MAB 250072 99212631 MAB 250072		Z 220226	89 51	97 32	92 27	111 20	88 21	83 28			79 15	90 1.19 56	102 -0.12 34	91 -3 20	97 10.4 32	92 -3.6 27	92 24 26		96 16.2 27	82 7 16	87 -25 5	89 5.1 18	93 -1.9 22	95 -3.0 15	87 6.8 27	96 -1 18	87 1 17	74 -1.69 16	97 -0.06 14	85 -0.54 14
MAB 250073 99212649 MAB 250073		MAB 210008	107 45									107 -0.28 50	95 0.13 28										78 1.0 14							
MAB 250076 99275836 MAB 250076		WIL 210222	97 52	89 29	98 26	119 16	85 21	87 27				100 0.35 57	92 0.24 34	83 -13 16	89 5.7 29	98 -1.8 26	92 24 24		87 8.7 24	81 4 14		85 2.8 20	94 -2.5 23	95 -3.0 11	81 2.9 28	92 -3 15	85 -1 15			
MAB 250081 99275877 MAB 250081		MAB 190006	100 44									100 0.32 49	99 -0.03 25										79 2.0 16							

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Inbreeding in red is high										Value <80		Value >120		Breeding values with an accuracy < 5% are not printed																
Animal			Selection Values								Birth		Wean				Growth			Fertility				Frame		Carcass				
Index EBV Acc	% Inbreeding	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	FCR	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	EMA	Fat	Marbling	
ID Number Name																														
MAB 250082 99275885 MAB 250082		MAB 200002	112 45	83 12	90 19							110 -0.52 50	99 -0.03 28		83 2.5 12	90 -4.2 19							78 1.1 5							
MAB 250088 6020165442 MAB 250088		MAB 180023	99 45	89 12	106 19							103 0.10 50	88 0.41 28		89 5.6 12	106 0.3 19							78 1.2 18							
MAB 250091 6020165475 MAB 250091		Z 210095	117 51	90 32	95 29	113 22	91 23	96 29			85 10	113 -0.78 56	104 -0.23 34	89 -5 22	90 6.4 32	95 -2.9 29	87 12 28	91 12.0 26	89 33 11	89 -28 5	100 11.4 12	91 -0.1 27	103 -4.7 16	86 6.4 27	101 2 12	93 7 11	83 -0.80 10	93 -0.29 9	89 -0.31 9	
MAB 250092 6020165483 MAB 250092		WIL 190031	102 51	87 18	101 25	108 16	83 10	81 22				104 0.00 56	93 0.21 35	93 -1 16	87 4.4 18	101 -1.2 25	87 12 20	85 7.7 7				89 4.6 16	88 2.2 6		85 5.5 22					
MAB 250093 6020165491 MAB 250093		MAB 210009	99 45									100 0.36 50	98 0.03 28										79 1.5 15							
MAB 250101 6020165566 MAB 250101		WIL 200009	107 45	87 30	109 26	112 17	83 23	90 26			82 8	109 -0.44 49	90 0.33 33	90 -4 17	87 4.3 30	109 1.0 26	95 31 24	85 7.6 26	89 32 14	91 -29 5	92 6.6 19	88 1.5 27	94 -2.9 13	81 3.2 28	100 1 19	90 4 18	80 -1.10 9	93 -0.29 8	93 -0.08 8	
MAB 260001 6020694136 MAB 260001		MAB 180031	115 43	83 12	101 19							113 -0.76 48	99 -0.02 27		83 2.3 12	101 -1.1 19							78 1.4 20							
MAB 260002 6020694037 MAB 260002		MAB 180029	111 43									111 -0.62 48	94 0.19 27										77 0.6 20							
MAB 260003 6020694045 MAB 260003		MAB 200001	98 43	90 12	105 19							98 0.50 48	99 -0.02 27		90 6.4 12	105 0.1 19							77 0.6 5							
MAB 260004 6020694029 MAB 260004		MAB 210001	103 18									105 -0.07 18	91 0.29 20										78 1.4 14							
MAB 260006 6020694052 MAB 260006		MAB 180026	106 43	83 12	104 19							106 -0.19 48	96 0.10 27		83 2.3 12	104 -0.2 19							78 1.0 20							
MAB 260008 6020693989 MAB 260008		MAB 210036	98 42	85 12	105 18							101 0.24 47	92 0.27 24		85 3.6 12	105 -0.1 18							80 2.3 14							

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Index EBV Acc	% Inbreeding	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	FCR	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	EMA	Fat	Marbling	
ID Number Name																														
MAB 260009 6020693997 MAB 260009		MAB 180021	105 44	87 11	105 17							105 -0.07 49	98 0.03 28		87 4.6 11	105 0.1 17							78 1.3 20							
MAB 260010 6020694003 MAB 260010		MAB 210006	100 43									101 0.23 48	95 0.15 27										77 0.3 15							
MAB 260014 6020694094 MAB 260014		WO 200149	95 51	94 34	98 31	110 26	84 23	83 30				95 0.71 55	100 -0.04 35	92 -2 26	94 8.4 34	98 -2.1 31	93 25 30	92 13.2 24	89 31 17		87 3.8 19	92 -1.2 28	90 -2.0 12	84 4.8 28	92 -3 20	87 1 19				
MAB 260016 6020694102 MAB 260016		Z 210043	91 50	98 34	99 30	101 26	90 25	84 30			88 14	90 1.17 55	105 -0.26 34	97 4 26	98 11.0 34	99 -1.8 30	96 33 30	96 15.7 26	91 40 21	93 -32 9	90 5.3 23	95 -3.6 29	95 -3.1 18	88 7.4 28	98 0 23	95 9 22	83 -0.85 15	102 0.25 13	99 0.24 13	
MAB 260019 6020822190 MAB 260019		MAB 180024	98 46	85 12	109 19							102 0.19 51	89 0.36 30		85 3.6 12	109 1.0 19							76 -0.4 20							
MAB 260020 6020822216 MAB 260020		MAB 220033	112 43									113 -0.72 49	94 0.19 24										78 1.3 10							
MAB 260021 6020822208 MAB 260021		MAB 230003	97 47	95 28	106 19	110 9	91 16	95 22				99 0.46 53	95 0.13 28	91 -3 9	95 9.1 28	106 0.4 19	102 47 19	93 13.3 18	93 47 15		94 7.7 18	95 -3.2 18	104 -4.9 9	82 3.5 22	100 1 18	93 6 17				
MAB 260022 6020822224 MAB 260022		MAB 230026	104 47	98 26	102 16	114 7	91 11	101 20				102 0.17 53	104 -0.23 27	88 -7 7	98 10.9 26	102 -0.9 16	103 50 16	93 13.9 10	87 25 6		95 8.1 7	96 -4.4 9	102 -4.4 6	83 4.5 19	96 -1 6	92 5 6				
MAB 260023 6020822232 MAB 260023		WIL 210023	99 51	90 31	101 28	109 13	87 19	85 27				103 0.07 56	85 0.52 35	92 -2 13	90 6.2 31	101 -1.2 28	91 21 24	88 9.5 20				95 -3.2 23	91 -2.2 8	87 6.7 25						
MAB 260029 6020822281 MAB 260029		MAB 220008	111 42									111 -0.62 48	93 0.21 20										79 1.5 12							
MAB 260030 6020822299 MAB 260030		MAB 230038	109 47	92 25	107 16	110 7	89 11	98 20				108 -0.34 53	99 -0.02 27	91 -3 7	92 7.4 25	107 0.6 16	100 41 16	89 10.1 10	83 10 6		93 7.2 7	93 -2.3 9	102 -4.5 6	82 3.4 19	97 -1 6	89 2 6				
MAB 260031 6020822307 MAB 260031		Z 220193	96 51	99 32	102 25	97 20	85 20	83 27			90 13	95 0.76 56	103 -0.18 32	101 8 20	99 11.3 32	102 -0.9 25	98 37 26	100 18.9 22	94 51 17		95 8.1 19	96 -4.6 21	89 -1.8 14	84 4.8 26	101 2 19	97 11 19	86 -0.52 14	92 -0.39 12	89 -0.34 12	

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Animal			Selection Values										Birth		Wean				Growth			Fertility				Frame		Carcass		
Index EBV Acc	% Inbreeding	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	FCR	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	EMA	Fat	Marbling	
ID Number Name																														
MAB 260037 6020894785 MAB 260037		Z 210116	106 50	87 29	97 26	121 21	81 22	87 27			71 8	106 -0.13	98 0.02	80 -15	87 4.6	97 -2.3	90 17	87 8.9	76 -15		82 1.0	89 1.0	90 -2.1	80 2.4	86 -7	79 -7	66 -2.53	93 -0.32	95 0.02	
MAB 260039 6020894801 MAB 260039		WIL 220363	107 51	90 28	99 22	113 12	82 19	86 25			82 6	106 -0.19	98 0.02	90 -5	90 6.5	99 -1.8	91 21	88 9.5	84 16	88 -26	87 3.5	91 -0.6	88 -1.7	82 3.5	92 -3	88 2	79 -1.20	95 -0.21	93 -0.12	
MAB 260041 6020894827 MAB 260041		WIL 190189	109 53	91 34	93 33	102 19	97 23	90 30			81 15	113 -0.71	86 0.52	96 3	91 6.7	93 -3.5	84 3	88 9.9	88 28	94 -32	91 5.9	106 -12.5	98 -3.8	91 9.4	93 -3	86 0	80 -1.12	92 -0.36	85 -0.55	
MAB 260043 6020894843 MAB 260043		MAB 210026	109 45	87 12	108 18							110 -0.53	92 0.27		87 4.5	108 1.0								80 2.1						
MAB 260045 6020894868 MAB 260045		Z 210192	98 52	100 34	100 31	115 25	77 25	89 31			90 16	94 0.84	113 -0.58	87 -7	100 11.9	100 -1.3	104 52	101 19.5	95 53	92 -31	94 7.5	90 0.4	75 0.9	85 5.2	97 0	96 9	87 -0.42	95 -0.17	96 0.05	

Selection List on Cow Value

Bulls 2 years and older

ID	Name	Sire ID	Dam ID	% Inbreeding	Horned / Polled	Myostatin				Calving Ease Value	Calf Growth Value	Milk Value	Maint. Value	Fertility Value	Cow Value	Growth Value	Prod Value									
Sorted on ID						nt821	Q204X	F94L	Genomic tested	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc									
1	TG 180060	TG180060	BA 120059	TG 070015	0.0	HH	0	0	0		129	89	94	89	112	87	114	86	107	86	127	80	73	86	115	81
1	CC 170066	CC170066	CC 130018	GC 070160	0.0	HH	0	0	0		87	88	108	89	106	86	100	85	111	86	110	80	84	85	102	81
1	SB 200738	SB200738	WO 110164	SB 140010	5.3	PcH	0	0	0		74	92	120	92	114	90	80	89	99	90	98	83	131	90	101	84
2	TG 230034	TG230034	WO 180535	TG 150081	0.0						99	60	91	60	99	45	106	22	105	32	97	41				
3	VOVA230020	230020	BOS 188154	VOVA210117	2.4	HH	1	0	0		86	86	103	86	81	85	102	83	112	84	93	78	90	85	87	79
4	WO 180294	WO180294	WO 140037	WO 080526	2.9	HH	1	0	0		84	90	132	91	92	87	71	84	99	85	95	80	118	83	95	81
5	Z 230291	Z 230291	Z 200228	Z 200262	2.1	HH	0	0	0		112	82	91	83	77	80	111	79	105	79	93	74	81	78	85	75
1	MAB 240039	MAB 24 0039		Z 190378	0.0						102	51	88	33	103	30	118	27	76	22	83	30				
2	PR 200709	PR 200709	BOS 122346	PR 148370	0.0	HH	1	0	0		86	93	110	92	96	91	88	90	96	90	88	84	107	89	86	85

Selection List on Cow Value

Cows 2 years and older

ID Name Sorted on ID			Sire ID	Dam ID	% Inbreeding	Horned / Polled	Myostatin				Calving Ease Value Acc	Calf Growth Value Acc	Milk Value Acc	Maint. Value Acc	Fertility Value Acc	Cow Value Acc	Growth Value Acc	Prod Value Acc	
							nt821	Q204X	F94L	Genomic tested	★★★★★								
1	MAB 230026	MAB 23 0026	TG 180060	MAB 180027	0.0	HH	0	0	0		118 83	107 82	94 80	112 78	113 79	126 74	94 78	118 75	
2	MAB 230047	MAB 23 0047	TG 180060	MAB 180005	0.0	HH	0	0	0		114 82	93 80	119 79	115 78	107 79	125 73	83 78	115 74	
3	Z 190048	Z190048	Z 160024	Z 140026	7.3						92 74	104 70	94 66	124 61	115 52	120 60	99 21	114 52	
											★★★★★								
1	MAB 230003	MAB 23 0003	VOVA190249	MAB 180001	0.0	HH	0	0	0		82 83	110 82	108 80	100 78	112 79	112 74	99 78	106 75	
2	MAB 230013	MAB 23 0013	TG 180060	MAB 180016	0.0	HH	0	0	0		97 83	105 82	120 80	93 78	108 79	115 74	104 78	110 75	
3	MAB 230017	MAB 230017	TG 180060	MAB 180029	0.0	HH	0	0	0		123 81	98 79	102 79	108 78	105 79	117 72	85 78	109 73	
4	MAB 230019	MAB 23 0019	TG 180060	MAB 180010	0.0	HH	0	0	0		114 81	104 82	113 79	98 78	105 79	119 73	84 78	110 74	
5	MAB 230029	MAB 23 0029	CC 170066	MAB 180023	0.0	HH	0	0	0		85 81	111 81	101 79	114 77	112 78	118 73	93 77	111 74	
6	MAB 230038	MAB 23 0038	TG 180060	MAB 180021	0.0	HH	0	0	0		117 82	100 81	107 79	100 78	110 79	117 73	88 78	109 74	
7	MAB 230039	23 039	CC 170066	MAB 120002	0.0	HH	0	0	0		90 81	109 81	105 79	104 77	114 78	116 73	95 77	110 74	
8	MAB 240010	MAB 24 0010		WIL 190189	0.0	PcH	0	0	0		104 79	97 80	101 77	115 75	114 76	118 71	90 75	110 72	
9	MAB 240016	MAB 24 0016		MAB 210031	0.0	HH	1	0	0		92 81	111 81	100 79	109 78	111 78	117 73	100 78	111 74	
10	MAB 240020	MAB 24 0020	SB 200738	MAB 210026	0.0	HH	0	0	0		94 82	115 82	119 80	81 79	106 79	113 74	120 79	112 75	
11	MAB 240021	MAB 24 0021	SB 200738	MAB 180006	0.0	PcH	0	0	0		107 82	113 82	112 80	89 79	102 79	114 74	113 79	112 75	
12	MAB 240035	MAB 24 0035	CC 170066	MAB 110002	0.0	HH	0	0	0		72 82	117 82	107 80	106 78	113 79	116 74	97 78	110 75	
13	MAB 240041	MAB 24 0041	ZCW 170120	MAB 180031	0.0	PcH	0	0	0		115 84	102 83	93 82	120 81	97 81	112 75	93 80	105 76	
14	MAB 240054	MAB 24 0054	PR 200709	MAB 210001	0.0	HH	0	0	0		87 83	122 81	109 80	82 79	108 80	110 74	121 78	110 75	
15	MAB 240059	MAB 24 0059	PR 200709	MAB 180028	0.0	HH	0	0	0		86 84	109 82	108 81	100 80	108 81	110 75	109 80	106 76	
16	MAB 240066	MAB 24 0066	CC 170066	MAB 190005	0.0	HH	0	0	0		76 82	118 81	119 80	92 79	115 79	119 73	104 78	114 74	
17	MAB 240072	MAB 24 0072	WO 200714	Z 220213	2.2	HH	0	0	0		126 84	95 83	106 81	103 80	98 80	111 75	98 79	105 76	
18	MAB 240075	MAB 24 0075	SB 200738	MAB 180003	0.0	HH	0	0	0		95 83	119 81	109 80	86 79	104 80	111 74	112 79	109 75	
19	MAB 240095	MAB 240095	TG 180060	MAB 210012	0.0	HH	0	0	0		125 82	94 80	109 80	102 78	103 79	114 73	89 78	107 74	
20	WO 200573	WO200573	WO 120299	WO 140070	10.5						105 72	113 69	95 63	96 54	108 53	112 57	123 28	112 51	
21	Z 200222	Z200222	RW 160164	Z 150046	0.9						126 68	82 66	87 59	129 51	108 51	111 55			
22	Z 210095	Z 210095	Z 170036	Z 150416	0.6						116 67	103 64	86 58	108 43	113 47	114 52			
23	Z 240053	Z 240053	WO 200601	Z 190048	1.2	HH	1	0	0		93 85	112 84	104 82	98 81	110 81	113 76	127 80	114 77	
											★★★★★								

Selection List on Cow Value

Cows 2 years and older

ID			Name	Sire ID	Dam ID	% Inbreeding	Horned / Polled	Myostatin			Calving Ease Value	Calf Growth Value	Milk Value	Maint. Value	Fertility Value	Cow Value	Growth Value	Prod Value									
Sorted on ID								nt821	Q204X	F94L	Genomic tested	Acc	Acc	Acc	Acc	Acc	Acc	Acc									
											★★★★☆																
1	MAB 230009	MAB 23 0009	SB 200738	MAB 180004	0.0	PcH	0	0	0	🧬	102	82	110	82	98	80	97	79	98	79	103	74	108	79	100	75	
2	MAB 230032	MAB 23 0032	SB 200738	MAB 180034	0.0	PcH	0	0	0	🧬	79	82	107	82	117	80	90	78	107	79	103	74	116	78	102	75	
3	MAB 230035	MAB 23 0035	CC 170066	MAB 180011	0.0	HH	0	0	0	🧬	75	82	113	82	108	80	95	78	112	79	108	74	84	78	100	75	
4	MAB 230049	MAB 23 0049	CC 170066	MAB 180030	0.0	HH	0	0	0	🧬	77	81	124	79	99	78	88	77	106	78	104	72	93	77	98	73	
5	MAB 230054	MAB 230054	RLR 180027	MAB 160001	0.0	HH	0	0	0	🧬	86	82	105	82	98	80	117	79	104	80	107	74	102	79	102	75	
6	MAB 240013	MAB 24 0013		MAB 190003	0.0	PcH	1	0	0	🧬	108	80	103	80	91	78	95	77	111	77	105	72	95	76	99	73	
7	MAB 240019	MAB 24 0019	SB 200738	MAB 210042	0.0	PcH	0	0	0	🧬	93	82	118	82	94	80	88	79	109	79	107	74	114	79	105	75	
8	MAB 240030	MAB 24 0030	SB 200738	MAB 210017	0.0	PcH	0	0	0	🧬	91	82	107	82	121	80	94	79	99	79	108	74	107	79	104	75	
9	MAB 240038	MAB 24 0038	BOS 200556	MAB 200001	0.0	HH	0	0	0	🧬	89	83	117	81	96	80	88	78	105	79	101	73	108	78	99	74	
10	MAB 240043	MAB 24 0043	ZCW 170120	MAB 180035	0.0	PcH	0	0	0	🧬	103	84	108	82	88	81	113	81	99	81	107	75	107	80	103	76	
11	MAB 240045	MAB 24 0045	BOS 200556	MAB 210008	0.0	HH	0	0	0	🧬	112	83	107	82	92	80	89	79	110	80	106	74	109	78	103	75	
12	MAB 240049	MAB 24 0049	CC 170066	MAB 190006	0.0	HH	0	0	0	🧬	84	82	112	80	102	79	93	78	111	79	106	73	100	78	101	74	
13	MAB 240055	MAB 24 0055		Z 210095	0.0	HH	0	0	0	🧬	84	81	122	79	96	78	79	77	111	78	103	72	126	76	104	73	
14	MAB 240058	MAB 24 0058	PR 200709	MAB 180009	0.0	HH	1	0	0	🧬	94	83	103	82	105	81	91	80	106	80	100	74	101	80	95	75	
15	MAB 240060	MAB 24 0060	PR 200709	MAB 180028	0.0	HH	1	0	0	🧬	106	83	107	82	95	81	91	80	102	80	100	74	116	80	99	75	
16	MAB 240061	MAB 24 0061	CC 170066	MAB 210047	0.0	HH	0	0	0	🧬	101	81	111	79	91	78	89	77	105	78	101	72	94	77	95	73	
17	MAB 240074	MAB 24 0074	SB 200738	WIL 220363	2.1	PcH	1	0	0	🧬	81	83	112	82	108	81	93	80	103	80	102	74	111	79	99	75	
18	MAB 240080	MAB 24 0080	SB 200738	MAB 180027	0.0	HH	0	0	0	🧬	81	83	123	81	105	80	89	79	101	79	106	74	126	79	107	75	
19	MAB 240087	MAB 24 0087	SB 200738	MAB 180008	0.0	PcH	0	0	0	🧬	96	83	109	81	104	80	106	79	98	79	108	74	119	79	107	75	
20	WIL 190189	WIL 190189	WO 150252	WIL 150322	0.0						111	73	99	68	80	67	92	38	125	47	106	55	92	34	99	51	
21	WIL 200009	WIL 200009	FXF 110520	WIL 120273	0.0						102	60	93	60	113	53	103	34	98	46	101	47	101	21	97	42	
22	WIL 200207	200207	WIL 180315	VYF 150108	1.1						95	71	93	69	107	62	111	44	99	45	100	54					
23	WIL 210202	210202	WO 170233	WIL 110001	0.0						119	66	89	50	99	47	105	32	99	39	100	43					
24	WIL 220371	WIL 220371	WIL 190120	WIL 200097	1.7						95	62	97	51	97	45	109	26	105	33	100	41					
25	WO 200472	WO 200472	WO 160019	WO 150238	0.1						96	70	103	66	115	55	96	36	96	40	103	50	92	22	96	44	
26	WO 201054	WO201054	WO 171109	WO 170705	2.2						74	67	129	65	91	60	84	50	108	41	102	52					
27	Z 190072	Z190072	Z 160024	Z 150804	0.0						97	68	95	64	102	62	122	55	100	44	107	54					
28	Z 210122	Z 210122	Z 160019	Z 190186	0.6						115	68	92	64	98	48	111	44	98	46	103	50					
											★★★★																
1	MAB 240006	MAB 24 0006		WIL 190056	0.0	HH	1	0	0	🧬	83	80	105	81	104	78	103	77	93	77	93	72	98	76	89	73	

Selection List on Cow Value

Cows 2 years and older

ID			Name	Sire ID	Dam ID	% Inbreeding	Horned / Polled	Myostatin				Calving Ease Value	Calf Growth Value	Milk Value	Maint. Value	Fertility Value	Cow Value	Growth Value	Prod Value												
Sorted on ID								nt821	Q204X	F94L	Genomic tested	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc												
												★★★★																			
2	MAB 240031	MAB 24 0031			WIL 210023	0.0	HH	0	0	0		91	79	98	80	102	76	108	75	101	76	99	71	91	75	92	72				
3	MAB 240051	MAB 24 0051		PR 200709	MAB 180025	0.0	HH	1	0	0		115	83	105	81	82	80	99	79	95	80	95	74	100	78	91	75				
4	MAB 240064	MAB 240064		PR 200709	WIL 210202	1.1	HH	0	0	0		117	84	94	82	94	81	93	80	101	80	94	75	95	79	89	76				
5	MAB 240068	MAB 24 0068		PR 200709	MAB 120001	0.0	HH	1	0	0		89	84	113	82	104	81	89	80	96	81	97	75	115	80	96	76				
6	MAB 240069	MAB 24 0069		PR 200709	MAB 180015	0.0	HH	0	0	0		102	82	106	81	81	80	89	79	105	80	91	74	96	78	87	75				
7	MAB 240071	MAB 24 0071		PR 200709	WIL 210222	0.1	HH	1	0	0		88	84	100	83	86	82	122	80	101	81	98	75	92	80	92	76				
8	MAB 240073	MAB 24 0073		PR 200709	MAB 120009	0.0	HH	1	0	0		98	83	103	81	102	80	93	80	100	80	96	74	104	79	93	75				
9	WIL 180802	WIL 180802			WIL 120150	0.0						101	66	85	60	111	61	113	18	88	30	91	44								
10	WIL 190056	WIL190056			WIL 160016	0.0						81	65	96	58	116	59	99	27	99	37	93	46								
11	WIL 190448	190448		FXF 060122	WIL 120108	6.3						94	72	97	69	86	70	105	50	115	57	99	59	93	34	93	54				
12	WIL 200020	WIL200020		WIL 180315	WIL 160200	0.0						105	70	94	66	98	60	111	39	93	42	96	52								
13	WIL 200225	200225		WO 150252	WIL 142211	0.0						113	70	90	68	88	68	94	41	113	47	96	55	85	34	88	51				
14	WIL 210023	210023		WO 161032	WIL 100027	0.0						95	69	96	61	95	55	99	25	105	38	92	47								
15	WIL 210033	210033		WO 160440	WIL 100031	0.0						91	68	97	60	97	54	112	27	101	43	97	47								
16	WIL 210211	210211		WO 150252	WIL 150198	0.0						109	67	96	52	91	53	87	38	109	41	93	46	88	34	87	44				
17	WIL 210222	WIL 210222		WIL 170342	VYF 140013	1.4						89	69	95	58	91	51	121	32	102	41	98	47								
18	WIL 210344	210344		WO 150252	WIL 140025	0.0						112	65	97	65	81	58	91	43	110	44	93	51	88	37	87	48				
19	WIL 220363	220363		WO 150776	WIL 150168	0.0						103	65	100	57	92	44	106	24	95	37	95	43								
20	Z 180141	Z180141		BOS 111255	Z 110086	0.3						92	74	104	73	90	75	85	67	114	58	94	64	105	32	91	58				
21	Z 190378	Z190378		Z 160105	Z 170015	0.0						99	68	92	65	100	60	119	54	83	43	90	54								
22	Z 200177	Z200177		Z 170028	Z 100168	6.7						75	72	103	69	86	62	121	52	99	53	92	57	78	28	84	51				
23	Z 210043	Z 210043		BOS 177085	Z 150044	1.8						78	69	114	68	91	61	90	51	110	51	96	56	101	32	92	51				
24	Z 210116	Z 210116			Z 150008	0.0						116	62	88	59	85	52	126	42	94	44	97	48								
25	Z 210192	Z 210192		WO 170764	Z 120089	3.2						95	70	112	68	92	62	113	49	85	51	98	56	118	28	98	50				
26	Z 220193	Z 220193		WO 170764	Z 190846	0.2						79	66	117	63	99	51	84	39	102	40	94	48	115	21	93	43				
27	Z 230342	Z 230342		Z 190312	WO 201054	2.7	HH	0	0	0		96	83	117	84	80	80	93	79	105	79	99	74	99	78	95	75				
28	Z 240055	Z 240055			WO 200149	0.0	PcH	1	0	0		88	80	103	78	103	78	94	77	95	77	90	71	103	76	87	72				
												★★★★☆																			
1	MAB 230020	MAB 23 0020		SB 200738	MAB 110001	0.0	PcH	0	0	0		68	83	121	83	96	81	87	80	99	80	89	75	119	80	90	76				
2	MAB 240002	24 002			WIL 190031	0.0	PcH	1	0	0		80	80	103	77	102	77	93	77	102	77	89	71	99	76	85	72				

Selection List on Cow Value

Cows 2 years and older

ID			Name	Sire ID	Dam ID	% Inbreeding	Horned / Polled	Myostatin				Calving Ease Value	Calf Growth Value	Milk Value	Maint. Value	Fertility Value	Cow Value	Growth Value	Prod Value								
Sorted on ID								nt821	Q204X	F94L	Genomic tested	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc								
											★★★																
3	MAB 240052	MAB 24 0052	PR 200709	MAB 200002	0.0	HH		0	0	0	🇬🇧	96	83	105	82	77	81	98	80	101	80	86	74	105	80	84	75
4	MAB 240053	MAB 24 0053	PR 200709	WIL 210272	0.2	HH		1	0	0	🇬🇧	108	84	109	83	72	82	86	80	103	81	88	75	109	80	86	76
5	WIL 190031	WIL19031		WIL 100036	0.0							91	66	94	36	98	50	97	32	98	19	84	37				
6	WIL 190230	190230	FXF 080717	WIL 120289	0.0							98	72	94	66	92	57	98	37	103	50	89	52	99	25	85	47
7	WIL 200196	200196	WIL 170324	WIL 150140	0.0							118	64	80	61	102	57	104	51	90	31	87	49				
8	WIL 210272	210272	WO 161032	WIL 150333	0.0							111	68	100	62	77	51	93	20	100	37	86	45				
9	WO 200149	WO200149	V 160003	WO 090721	0.6							82	69	106	68	90	62	99	52	99	45	87	55	100	22	84	48
10	WO 201172	WO201172		WO 180390	0.0							100	61	96	58	75	49	131	45	84	36	86	46				
11	Z 210104	Z 210104	WO 170764	Z 160048	1.5							92	70	114	68	93	61	79	53	91	50	83	56	118	20	83	49
12	Z 210170	Z 210170	Z 160092	Z 170290	0.4							91	67	115	65	92	59	77	45	96	48	86	53	101	21	83	47
13	Z 210183	Z 210183	Z 180038	Z 170017	0.0							94	69	101	67	94	60	103	51	91	46	87	54	79	24	79	48
14	Z 220226	Z 220226	Z 170028	Z 150621	1.7							92	67	104	64	74	54	101	40	107	42	89	50	81	22	81	44
15	Z 230294	Z 230294	Z 180038	Z 200177	9.7	HH		0	0	0	🇬🇧	76	84	99	84	92	81	119	80	86	81	81	75	71	79	72	76
											★★																
1	MAB 240102	MAB 240102	Z 200084	Z 210122	1.6	HH		0	0	0	🇬🇧	100	83	103	82	78	80	101	80	87	80	79	74	76	78	71	75
2	WIL 210328	WIL210328	WO 161032	WIL 150130	0.0							97	64	92	61	91	49	111	17	83	33	78	42				
3	Z 190308	Z190308	Z 170028	Z 170128	0.1							86	73	103	71	61	67	96	63	113	52	79	60	76	29	71	54
4	Z 220110	Z 220110	DYS 177058	Z 170037	0.8							79	66	108	66	78	53	91	44	99	43	77	51	78	22	69	45

Selection List on Cow Value
Bull Calves younger than 2 years

ID Sorted on ID			Name	Sire ID	Dam ID	% Inbreeding	Horned / Polled	Myostatin			Genomic tested	Calving Ease Value Acc	Calf Growth Value Acc	Milk Value Acc	Maint. Value Acc	Fertility Value Acc	Cow Value Acc	Growth Value Acc	Prod Value Acc							
												★★★														
1	MAB 250022	MAB 250022			WIL 190189	0.0						103	53	93	34	94	33	102	19	97	23	90	30			
2	MAB 250034	MAB 250034			Z 200222	0.0						114	52	83	33	97	29	123	25	89	25	94	30			
3	MAB 250070	MAB 250070			Z 190072	0.0						99	51	90	32	105	31	119	27	85	22	91	30			
4	MAB 250077	MAB 250077			Z 190048	0.0						101	53	92	35	100	33	121	31	92	26	98	33			
5	MAB 260038	MAB 260038			MAB 230013	0.0						93	47	97	26	115	16	104	7	88	12	95	20			
6	MAB 260042	MAB 260042			WO 200573	0.0						106	53	97	34	100	32	107	27	89	26	95	32			
												★★★														
1	MAB 250014	MAB 250014			WIL 190448	0.0						102	53	89	35	96	35	112	25	92	28	88	32			
2	MAB 250041	MAB 250041			WIL 200225	0.0						105	52	88	34	98	34	104	20	91	24	85	30			
3	MAB 250080	MAB 250080			WIL 210211	0.0						120	51	84	26	95	27	99	19	89	21	83	27			
4	MAB 250084	MAB 250084			Z 210116	0.0						110	31	85	29	96	26	121	21	81	22	87	24			
5	MAB 260005	MAB 260005			WIL 180802	0.0						106	50	83	30	108	30	115	9	78	15	84	25			
6	MAB 260011	MAB 260011			WIL 210272	0.0						111	50	90	31	91	25	103	11	84	18	80	25			
7	MAB 260013	MAB 260013			WIL 210202	0.0						112	50	86	25	103	23	112	16	84	19	89	25			
8	MAB 260017	MAB 260017			Z 200177	0.0						90	52	93	34	96	31	119	26	84	26	84	31			
9	MAB 260018	MAB 260018			WO 201172	0.0						100	49	90	29	91	25	124	22	76	18	81	26			
10	MAB 260033	MAB 260033			Z 230342	0.0						94	49	103	32	94	22	103	18	87	17	87	26			
11	MAB 260044	MAB 260044			Z 210122	0.0						103	51	91	32	104	24	114	22	83	23	89	28			
												★★														
1	MAB 250045	MAB 250045			Z 190308	0.0						94	53	94	35	84	33	106	31	91	26	77	33			
2	MAB 250069	MAB 250069			Z 220110	0.0						111	51	90	33	89	26	102	22	84	21	78	28			
3	MAB 250090	MAB 250090			Z 210170	0.0						102	51	98	32	98	29	92	22	83	24	79	29			
4	MAB 260015	MAB 260015			Z 210104	0.0						98	51	99	34	100	31	94	26	80	25	78	31			

Selection List on Cow Value
Heifers younger than 2 years

ID	Name	Sire ID	Dam ID	% Inbreeding	Horned / Polled	Myostatin	Genomic tested	Calving Ease Value	Calf Growth Value	Milk Value	Maint. Value	Fertility Value	Cow Value	Growth Value	Prod Value								
Sorted on ID						nt821	Q204X	F94L	Acc	Acc	Acc	Acc	Acc	Acc	Acc								
1	MAB 260022	MAB 260022	MAB 230026	0.0					104	47	98	26	102	16	114	7	91	11	101	20			
1	MAB 250016	MAB 250016	WO 200472	0.0					96	52	95	33	112	27	108	18	82	20	90	28			
2	MAB 250067	MAB 250067	WO 200573	0.0					107	53	97	34	100	32	107	27	89	26	95	32			
3	MAB 250091	MAB 250091	Z 210095	0.0					117	51	90	32	95	29	113	22	91	23	96	29			
4	MAB 250101	MAB 250101	WIL 200009	0.0					107	45	87	30	109	26	112	17	83	23	90	26			
5	MAB 260021	MAB 260021	MAB 230003	0.0					97	47	95	28	106	19	110	9	91	16	95	22			
6	MAB 260030	MAB 260030	MAB 230038	0.0					109	47	92	25	107	16	110	7	89	11	98	20			
7	MAB 260041	MAB 260041	WIL 190189	0.0					109	53	91	34	93	33	102	19	97	23	90	30			
1	MAB 250015	MAB 250015	WIL 210023	0.0					96	52	91	31	101	28	109	13	87	19	85	27			
2	MAB 250019	MAB 250019	WIL 210033	0.0					101	52	89	30	101	27	115	13	85	21	87	27			
3	MAB 250020	MAB 250020	WIL 200207	0.0					107	52	85	34	105	31	114	22	84	22	88	30			
4	MAB 250039	MAB 250039	WIL 200020	0.0					111	52	86	33	101	30	114	20	81	21	86	29			
5	MAB 250040	MAB 250040	Z 210183	0.0					99	52	92	34	100	29	112	26	80	23	83	30			
6	MAB 250053	MAB 250053	WIL 190056	0.0					94	51	89	29	111	29	109	13	84	18	86	26			
7	MAB 250054	MAB 250054	Z 190378	0.0					106	52	86	33	102	30	118	27	76	22	83	30			
8	MAB 250064	MAB 250064	WIL 190230	0.0					102	53	88	33	99	29	109	18	86	25	83	29			
9	MAB 250071	MAB 250071	Z 180141	0.0					95	54	95	36	99	37	98	33	91	29	83	35			
10	MAB 250072	MAB 250072	Z 220226	0.0					89	51	97	32	92	27	111	20	88	21	83	28			
11	MAB 250076	MAB 250076	WIL 210222	0.0					97	52	89	29	98	26	119	16	85	21	87	27			
12	MAB 250092	MAB 250092	WIL 190031	0.0					102	51	87	18	101	25	108	16	83	10	81	22			
13	MAB 260014	MAB 260014	WO 200149	0.0					95	51	94	34	98	31	110	26	84	23	83	30			
14	MAB 260016	MAB 260016	Z 210043	0.0					91	50	98	34	99	30	101	26	90	25	84	30			
15	MAB 260023	MAB 260023	WIL 210023	0.0					99	51	90	31	101	28	109	13	87	19	85	27			
16	MAB 260031	MAB 260031	Z 220193	0.0					96	51	99	32	102	25	97	20	85	20	83	27			
17	MAB 260037	MAB 260037	Z 210116	0.0					106	50	87	29	97	26	121	21	81	22	87	27			
18	MAB 260039	MAB 260039	WIL 220363	0.0					107	51	90	28	99	22	113	12	82	19	86	25			

Selection List on Cow Value

Heifers younger than 2 years

ID Sorted on ID	Name	Sire ID	Dam ID	% Inbreeding	Horned / Polled	Myostatin				Calving Ease Value Acc	Calf Growth Value Acc	Milk Value Acc	Maint. Value Acc	Fertility Value Acc	Cow Value Acc	Growth Value Acc	Prod Value Acc	
						nt821	Q204X	F94L	Genomic tested									
19	MAB 260045	MAB 260045	Z 210192	0.0						9852	10034	10031	11525	7725	8931			
1	MAB 250065	MAB 250065	WIL 210328	0.0						9450	9030	10024	1148	7616	7724			

	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 18mth 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

Notes on the interpretation of EBVs, EBVi's, sub-values and selection values

EBVi (EBVindex) is the breeding value index and is easier to interpret than the breeding value, especially for commercial farmers buying from stud farmers. The base of a breeding value index is 100, which is the average of all the live animals in the breed, and all values are expressed relative to this value. Values above 100 are always in a more desirable direction: an index of 105 for AFC indicates a genetic potential to calve earlier. Note that a very high index is not always desirable. For certain traits, such as birth weight, average values can be better.

EBV: (Estimated Breeding Value) indicates the genetic potential of the animal for a specific trait. It is presented in the unit of measurement and relative to the average of animals born in the base year (1990 for most breeds and traits). Higher values for certain traits are better while lower values for other traits are better, for example, an EBV of -2 for AFC (age at first calving) indicates that the animal has the genetic potential to calve 2 days earlier than the average heifer in 1990 (the base year). Earlier calving is better and therefore low breeding values (high breeding value indices) are better. For weaning weight, higher values are better.

Sub-values combine similar breeding values in a scientific manner to simplify the selection of animals. For example, AFC (age at first calving) and ICP (inter-calving period) are combined to form the sub-value Fertility by taking the heritability and economic importance in consideration. The sub-value is expressed in an index format, thus an animal with a sub-value of 110 for Fertility will genetically be above average compared to the live animals in the breed.

Selection Values (Cow Value and Growth Value) combine the sub-values into a single value. This gives a quick and easy indication of the combined genetic value of an animal compared to the breed. It is advised to still look at the sub-values to see where the strengths and weaknesses lie.

How to use breeding values to select animals

Selecting animals on breeding values is easy if you know how. There is a common saying that “good nutrition can mask poor breeding”. This is very true. If an animal that is genetically inferior is fed well, it can appear as a great animal. This great performance will not be passed over to future generations. An animal that is genetically superior can appear to be inferior if its environment did not allow it to reach its true potential. It is best to select animals that are most adapted to the environment and can reach their full potential. To continuously adapt the environment to the animal can be expensive.

The reason why the use of breeding values is such a valuable tool is because it “removes” the environmental effect that contributes to the performance.

Scientific methods are used to determine how much of the performance is due to genetics and to identify genetically superior animals. This involves the measurement of animals under controlled environments, complete record keeping and pedigree information. *If performance recording and pedigree information are not done correctly, breeding values of these animals will not be useful.* Keep in mind that breeding is a long-term option: the effect of a bull selected/bought today will only show much later. If it is a good decision, his daughters will become part of the breeding herd and contribute to overall profitability in future.

Even if a bull is not perfect in all aspects, knowing the shortcomings will allow strategic selection with suitable cows. Traits are genetically correlated, meaning that a change in one trait can lead to a change in another. This change can be favourable or unfavourable. An increase in weaning weight can lead to an increase in birth weight, which can lead to calving difficulty. It is therefore advisable to not only select on a single trait. Take other traits in consideration to avoid negative effects.

How to improve the herd genetically

The first and most important aspect is to know what type of animal will improve the herd genetically. This can be determined through the following factors:

What happens to the calves? For example: used as replacement heifers, sold as stud animals or sold to commercial breeders who sell weaner calves.

How much feed is available? The availability of feed (or the hardness of the environment) determines the optimal frame size. If feed is abundant and the environment is less harsh, larger animals would be ideal. If not, medium framed animals would be ideal.

What is the genetics of the cow herd? Are they the wrong frame type, grow too slowly, do not have enough milk, etc.? Always aim to breed a calf that is superior to its dam.

Conclusion

Different types of bulls are suitable for different types of cows, environments and breeding objectives. Inbreeding should be avoided or limited as much as possible. Mating programs are available to aid in the pairing of bulls and cows.

The data used for this evaluation is pedigree information and performance data found on LOGIX as provided by breeders. All attempts are made to present accurate information. SA Stud Book takes no responsibility for the use and interpretation of information presented in this report.

