

BONSMARA

GENOMIC BREEDING VALUE REPORT

July 2026



MOUNTAIN VIEW BONSMARAS

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EBVs, EBVi's and GEBVs

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

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

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

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

Selection Values

LOGIX Cow Value



Selecting for:

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

LOGIX Weaner Calf Value



Select for:

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

LOGIX Production Value



80% LOGIX Cow Value +
20% LOGIX Growth Value

LOGIX Growth Value



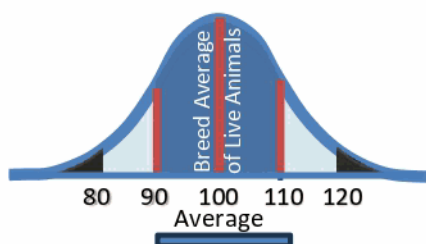
Select for efficient growers on veld and in feedlot, as measured in Phase C and D Growth Tests.

LOGIX Carcass Value

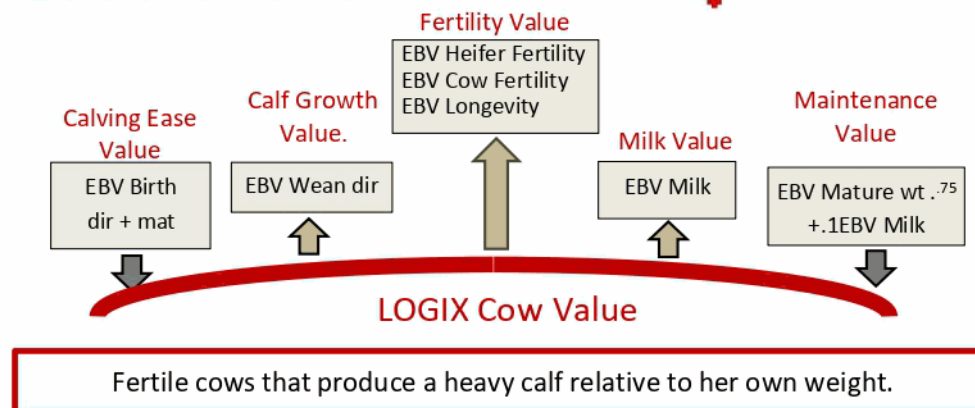


Select for more meat on the carcass as measured from end weight in Phase C and D Growth Tests and RTU scanning.

Interpretation of EBVi and Selection Values



LOGIX Cow Value



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)

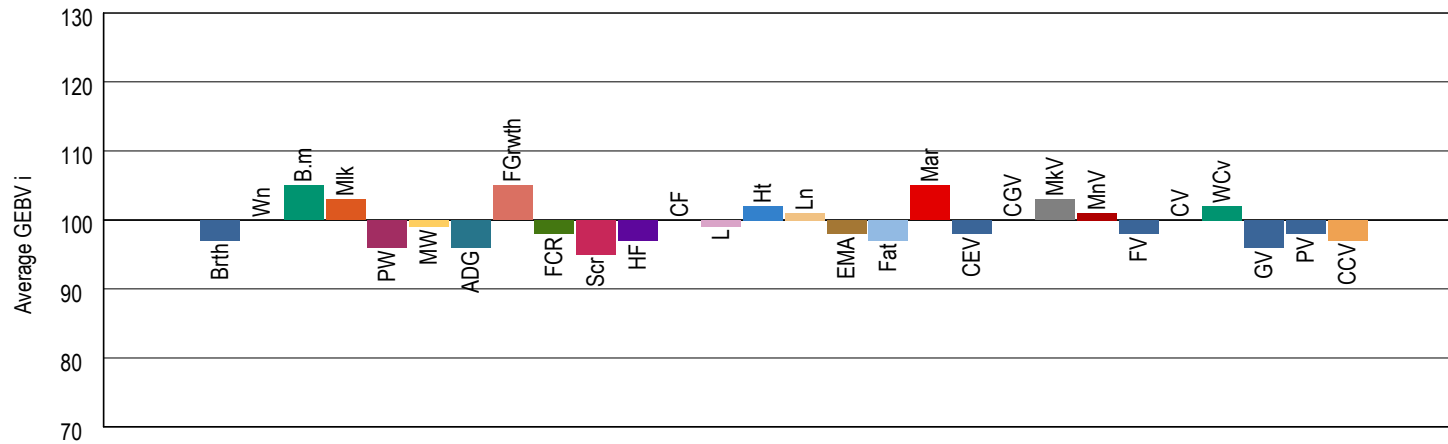
- Maintenance Value >110
 - Cow Value and Fertility Value average to high
- Lighter cows have a lower maintenance.

Examples

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

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

Herd and Breed Averages



Genomic Breeding Values (GEBVs):

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

Selection Values:

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

	Trait	EBV Herd	EBVi Herd	EBV Breed
Prewrite Growth	Birth Weight	1.33	97	1.00
	Wean Weight	14.9	100	15.0
	Birth Mat.	-0.54	105	-0.29
	Milk (Wn.Mat.)	4.7	103	3.6
Postwean Growth	Postwean Wt	20	96	25
	Mature Weight	20	99	22
	ADG	65	96	79
	VeldGrowth	47	105	35
	FCR	-34	98	-37
Fertility	Scrotal Circumf.	10	95	13
	Heifer Fertility	-6.8	97	-8.7
	Cow Fertility	-0.53	100	-0.46
	Longevity	30.7	99	31.5
Frame	Height	-1.6	102	-3.1
	Length	14.8	101	13.6
Carcass	EMA	0.438	98	0.670
	Fat	-0.442	97	0.035
	Marbling	0.351	105	-0.072

Selection Value	Ave. Herd
Calving Ease	98
Calf Growth	100
Milk	103
Maintenance	101
Fertility	98
Cow Value	100
Weaner Calf Value	102
Growth Value	96
Production Value	98
Carcass Value	97

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

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

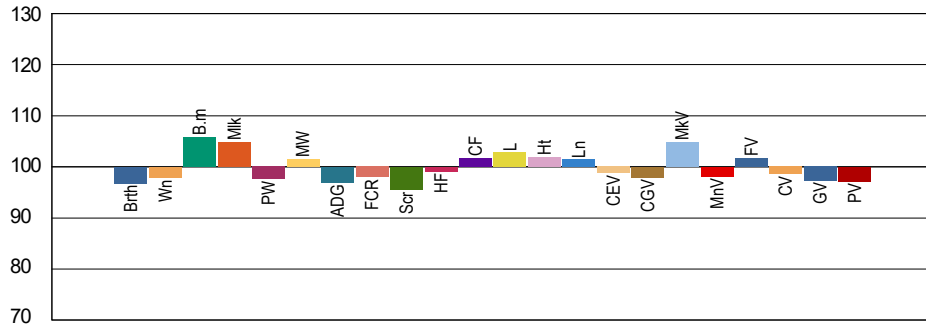
Calving ease:	Smaller calf at birth - easier calving
Calf growth:	Heavier calves at wean due to growth potential of the calf
Milk:	Cows with more milk and better mothering ability
Maintenance:	Animals with low maintenance requirements (lower mature weight).
Fertility:	Cows/daughters that calve earlier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

Genetic Windows

Bulls on the farm

Bulls born in 2023 and earlier

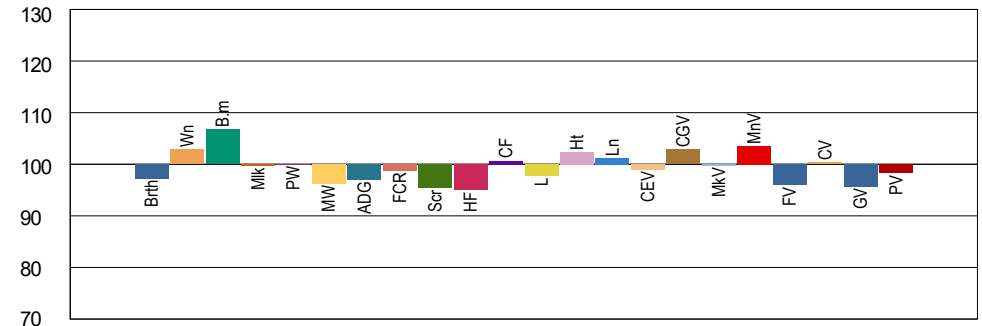
Total: 8



Cow Herd

Cows born in 2024 and earlier

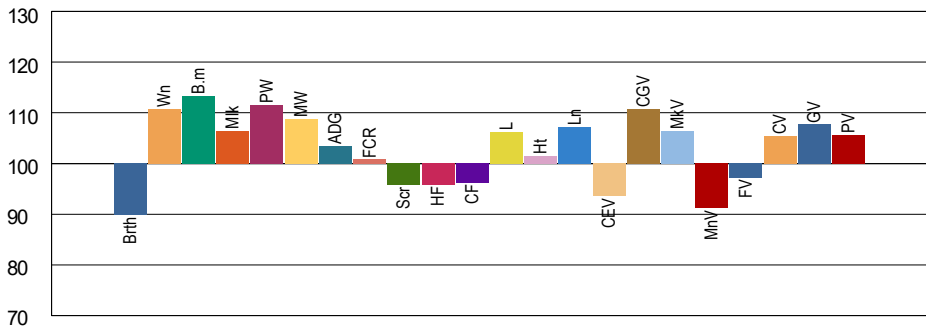
Total: 45



Sires of young animals

Sires of animals 3 years and younger

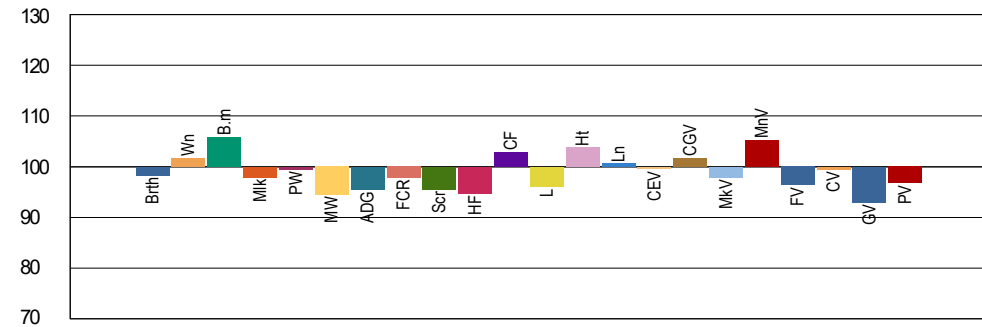
Total: 9



Cows older than 6 years

Cows born in 2020 and earlier

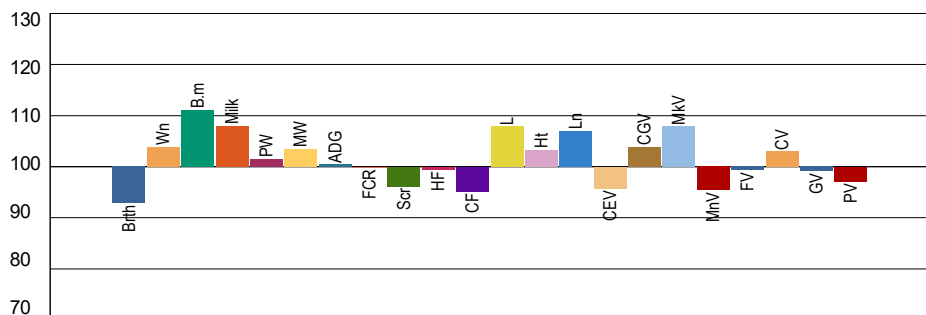
Total: 20



Bull calves

Bulls born in 2025

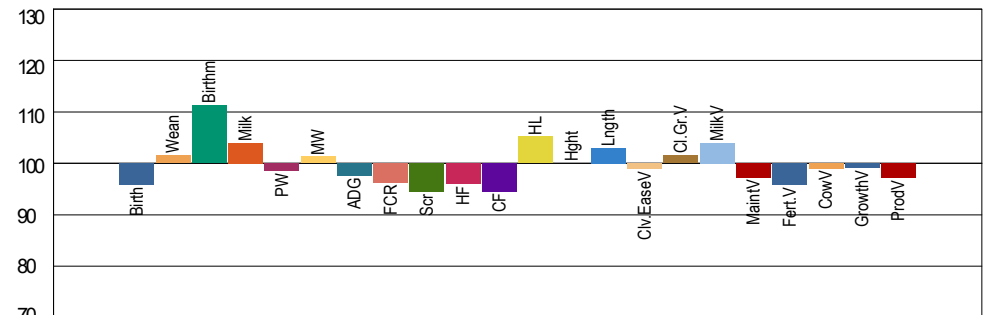
Total: 7



Heifer calves

Heifers born in 2025

Total: 10

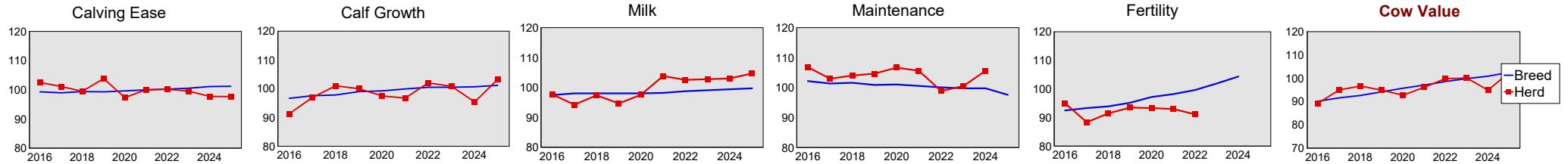


Summary of Cow Herd

			Selection Values (SV)							Calf Weight		Dam		Growth & Efficiency				Fertility				Frame		
Birth Year	No. Cows	Average Cow Value	Calving Ease	Calf Grwth	Milk	Maint.	Fertility	Cow Value	Growth Value	Prod Value	Birth Weight	Wean Weight	Birth Mat.	Milk (Wn.Mat)	Postwn Weight	Mature Weight	ADG	FCR	Scrotal Circumf.	Heifer Fertility	Cow Fertility	Longevity	Height	Length
Cows in Breed Average:			100	100	100	100	100	100	99	100	100	100	100	100	99	100	100	100	100	100	100	100	101	100
2016	3	★★★★☆	95	106	113	88	100	105	98	104	95	106	100	113	107	113	101	104	104	95	111	94	112	110
2017	3	★★★★	93	89	110	104	96	98	82	93	94	89	93	110	75	96	86	85	84	97	102	96	100	93
2018	12	★★★★	100	88	108	103	100	98	86	93	101	88	97	108	78	97	89	87	88	102	105	96	95	91
2019	5	★★★★	103	102	91	105	93	97	91	94	101	102	115	91	99	95	94	98	97	92	101	96	101	98
2020	7	★★★★	97	102	98	106	97	99	96	97	96	102	103	98	100	93	98	101	96	96	101	97	105	102
2021	9	★★★★	99	100	99	109	94	98	96	96	100	100	102	99	96	92	97	98	93	93	99	98	99	98
2022	5	★★★★☆	102	109	102	96	96	107	100	105	99	109	111	102	105	103	100	103	97	98	97	99	108	106
2023	9	★★★★☆	99	102	102	101	98	100	98	99	96	102	112	102	99	98	98	99	96	98	101	100	98	101
2024	7	★★★★☆	94	102	104	98	99	101	99	103	92	102	101	104	97	101	92	91	96	95	111	88	104	101
2025	10	★★★★	99	102	104	97	96	99	99	97	96	102	111	104	99	101	98	96	94	96	95	105	100	103
Cows in Herd Average:			98	100	103	101	97	100	95	98	97	100	105	103	96	99	95	93	95	96	102	97	102	100

Genetic Trends for On-Farm Traits

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



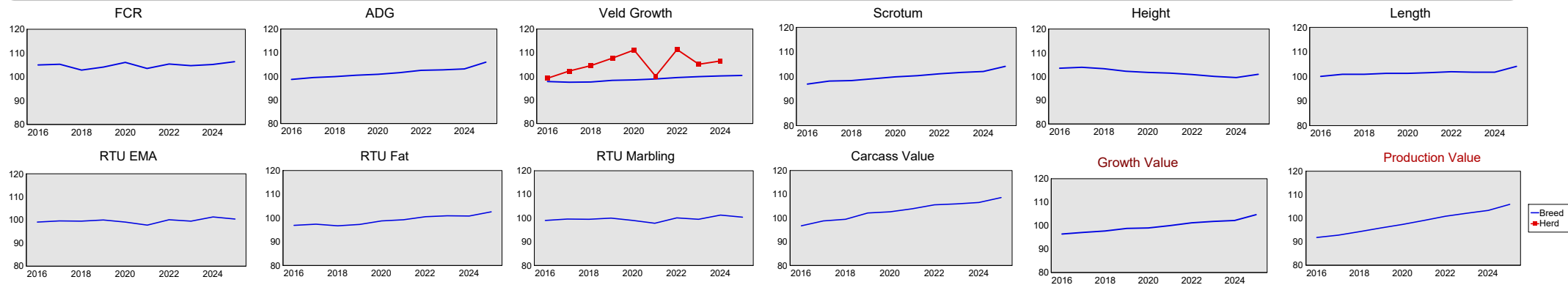
Herd

Birth Year	Calving Ease				Calf Growth			Milk			Maintenance					Fertility								Cow Value
	Birth Weight		Mat EBV	Calv. Ease	Weaning Weight		Calf Growth	Milk (Wn.Mat.)		Postwean Weight		Mature Weight		Maintenance	Heifer Fert.		Cow Fert.		Longevity		Fertility			
	Number	Dir EBV			Number	EBV		Number	EBV	Number	EBV	Number	EBV		Number	EBV	Number	EBV	Number	EBV		Number	EBV	
2016	37	0.74	-0.30	102	34	10.5	91	34	2.94	98	22	22.1	3	27	107	4	-8.1	4	-1.9	37	17.9	95	89	
2017	31	0.90	-0.31	101	24	13.5	97	24	1.92	94	19	21.9	5	0	103	4	-6.1	6	0.1	33	18.7	88	95	
2018	23	1.25	-0.36	99	19	15.5	101	19	2.84	97	18	22.3	9	8	104	9	-2.2	7	-0.8	23	23.0	91	97	
2019	28	0.76	-0.60	104	21	15.1	100	21	2.03	95	20	24.0	10	14	105	10	-4.5	7	-1.0	28	23.7	94	95	
2020	32	1.45	-0.51	97	28	13.8	98	28	2.90	98	26	21.2	8	9	107	10	-4.4	9	-0.4	31	24.5	93	93	
2021	41	1.00	-0.32	100	36	13.3	97	36	4.75	104	31	18.7	6	5	106	12	-3.8	3	0.1	33	26.7	93	96	
2022	31	1.16	-0.55	100	23	16.1	102	23	4.34	103	23	24.2			99	8	-3.9					91	100	
2023	42	1.33	-0.69	100	37	15.4	101	37	4.45	103	37	22.3			100								100	
2024	31	1.31	-0.31	98	26	12.7	95	26	4.56	103	26	17.9			106								95	
2025	31	1.53	-0.75	98	14	16.7	103	14	5.04	105													103	

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

Genetic Trends for Growth Test and Carcass Traits



Herd

Birth Year	Growth												Frame						Carcass						Selection Values			
	FCR			ADG			Veld Growth			Scrotum			Height			Length			EMA			Fat		Marbling		Carcass Value	Growth Value	Prod Value
	Number	EBV	EBVi	Number	EBV	EBVi	Number	EBV	EBVi	Number	EBV	EBVi	Number	EBV	EBVi	Number	EBV	EBVi	RTU Number	EBV	EBVi	EBV	EBVi	EBV	EBVi			
2017							19	41	102																			
2018							17	46	104																			
2019							16	54	108																			
2020							25	62	111																			
2021							31	36	100																			
2022							21	63	111																			
2023							35	48	105																			
2024							22	51	106																			
2025																												

Breed

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

Sires

Bull			Selection Values									Birth			Wean				Grwth & Adaptation					Fertility				Raam		Carcass			Progeny			
Index EBV Acc	Genomic	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Weaner Calf V	Growth Value	Prod. Value	Carcass V	Cow wt birth	Birth wt	Cow-Calf birth	Cow wt wean	Wean wt	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thickn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling	Nr measured		
ID																																		Comp.nr	Birth	Wean
AG 030205		AG 980338	92	113	75	114	73	87	106	88	85	90	87	89	95	87	113	75	98	106	93	90	101	84	57	90	78	82	83	92	103	89	93	218	196	
47774740		AG 960246	97	98	95	93	84	87	97	78	85	70	6	2.17	-0.9	3	22.0	-4.0	68	29.7	54	11	-39	-0.58	-13.1	-3.2	3.5	20.4	-16	6.2	0.97	-1.70	-0.67	61	62	252
													95	98	95	93	98	95	95	96	93	65	63	96	96	88	69	96	95	93	68	71	68			
AG 070413		AG 030205	121	89	100	124	90	101	101	93	98	96	78	116	114	80	89	100	101	99	93	114	105	100	97	82	111	87	96	90	92	120	132	255	199	
65878035		AG 020165	97	98	94	93	80	86	96	71	83	78	-7	-0.66	-3.4	-8	9.1	3.7	76	23.2	54	70	-45	0.34	10.9	1.5	-2.3	23.4	-6	4.5	-0.12	3.26	2.64	53	50	184
													90	98	95	93	98	94	95	96	91	57	49	96	95	83	60	96	94	92	75	80	75			
AG 160862		AG 110215	84	126	128	77	134	142	136	131	144	144	123	68	107	126	126	128	128	131	119	129	108	114	100	135	120	113	121	136	121	121	82	165	139	
84641273		BBN 050035	97	97	94	94	91	87	96	90	88	90	55	4.36	-2.5	60	28.4	11.9	142	53.7	152	105	-50	1.08	12.4	-28.3	-4.0	39.6	14	45.8	2.79	3.39	-1.58	10	19	41
													93	98	95	94	97	94	95	96	92	90	89	93	93	91	89	94	92	92	90	91	90			
BP 100010		WCS 060011	111	91	104	103	103	101	94	91	98	97	92	113	100	94	91	104	99	93	93	77	90	115	95	104	113	88	89	93	97	105	113	58	57	
70387030		BP 070043	89	92	77	70	59	74	86	34	66	28	13	-0.38	-1.6	14	10.6	4.9	70	17.5	53	-21	-20	1.14	9.5	-11.2	-2.8	23.8	-12	7.2	0.32	0.81	1.01	10	23	
													78	93	79	70	92	77	80	92	42	21	25	47	46	57	34	87	45	42	27	28	26			
DAJ 130043		LAR 070038	106	105	99	105	93	105	109	89	101	91	96	105	103	93	105	99	108	97	91	116	81	91	73	92	103	86	95	93	87	83	98	38	29	
76779867		DAJ 100159	89	89	80	82	60	75	86	50	70	36	18	0.49	-2.0	11	17.6	3.4	92	21.9	44	74	-6	-0.15	-3.2	-4.3	-1.1	23.1	-7	7.1	-0.59	-2.70	-0.22	13	30	
													81	92	84	82	89	80	84	86	63	23	31	77	73	61	38	81	71	64	35	36	34			
DAJ 200090		TOR 070049	89	108	101	103	84	95	107	97	94	106	100	87	114	95	108	101	111	103	97	87	95	90	92	91	81	105	94	105	108	106	101	21	17	
90801648		DAJ 120145	82	84	67	63	54	67	78	54	64	46	24	2.33	-3.4	14	19.2	3.8	99	27.6	68	4	-29	-0.23	7.8	-3.7	2.9	34.7	-8	17.8	1.42	1.03	0.04	35	36	34
													62	87	71	63	84	67	71	76	66	33	37	78	75	55	40	68	73	67	45	47	45			
FCT 110285		FCT 080118	90	100	131	100	107	114	110	111	114	118	101	97	78	96	100	131	129	105	104	99	95	89	83	108	109	99	90	94	130	131	102	346	325	
74150830		FCT 060069	99	99	99	99	98	91	99	98	92	98	25	1.36	1.4	17	15.3	13.0	144	28.9	92	32	-29	-0.31	2.6	-13.4	-2.0	30.7	-11	8.4	3.72	4.92	0.06	94	90	380
													98	99	99	99	99	99	99	99	98	98	97	99	99	98	98	99	99	99	98	98	98			
MQB 110043		GCD 050148	77	116	119	95	76	99	119	105	99	108	104	59	75	102	116	119	129	109	107	85	99	98	107	71	93	91	99	106	109	92	108	5	4	
74856113		GCD 070019	77	76	69	69	56	65	74	44	61	44	29	5.29	1.9	25	23.2	9.4	142	32.6	105	-1	-35	0.20	17.1	7.6	0.7	26.1	-4	18.6	1.55	-1.28	0.60	3	7	
													69	80	72	69	76	69	71	75	55	36	31	57	57	57	42	69	56	55	43	45	43			
MQB 160009		AG 070413	114	98	101	103	84	97	103	90	95	96	94	110	121	95	98	101	102	99	91	115	101	102	98	82	96	90	102	95	97	105	118	32	28	
83505214		MQB 100012	85	87	69	70	55	70	81	39	64	40	15	-0.02	-4.4	15	14.2	4.0	78	24.0	44	73	-39	0.41	11.5	1.4	0.2	25.4	-2	9.0	0.34	0.87	1.41	5	7	
													71	90	75	70	87	69	75	86	51	29	26	53	53	56	34	76	52	51	39	42	39			
MQB 160016		AG 070413	90	105	89	112	87	90	101	102	91	101	88	89	89	88	105	89	102	102	105	90	111	99	100	77	99	99	104	106	114	98	117	20	19	
83723601		JRP 100062	83	85	71	71	58	70	80	42	64	45	7	2.17	-0.1	4	17.8	0.3	79	26.7	97	11	-55	0.28	12.9	3.9	-0.3	31.0	0	19.0	2.03	-0.34	1.34	9	10	
													75	87	76	71	85	71	76	84	53	32	31	55	55	62	38	73	55	53	44	46	44			
MQB 160022		AG 070413	90	111	107	96	86	100	112	102	100	104	104	86	103	102	111	107	115	118	103	130	110	107	102	83	92	102	109	107	101	98	110	34	32	
83723650		MJL 080263	85	88	71	72	57	71	82	42	65	44	28	2.42	-2.0	25	21.0	5.7	109	41.1	91	107	-53	0.72	13.6	0.5	1.0	33.0	4	19.8	0.79	-0.25	0.74	5	9	
													70	90	77	72	88	71	77	88	52	33	30	55	54	58	38	74	54	52	43	46	43			
MQB 160025		AG 070413	88	107	92	104	97	95	101	101	95	103	91	85	96	94	107	92	102	109	101	132	110	105	94	98	111	80	109	101	98	111	120	11	10	
83723825		MQB 110031	78	79	61	61	51	63	73	38	58	40	12	2.52	-1.1	13	18.4	1.1	78	32.5	82	112	-52	0.58	9.4	-7.8	-2.5	19.3	4	14.8	0.44	1.73	1.63	2	2	
													61	83	68	61	79	61	67	81	49	31	25	53	52	51	33	70	52	50	38	41	39			
MQB 170012		DAJ 130043	98	121	98	85	101	114	120	96	111	94	119	95	111	117	121	98	108	117	97	133	94	87	85	98	105	97	104	103	100	81	101	10	9	
86017928		MQB 120025	77	78	60	55	45	61	72	32	55	26	49	1.57	-3.1	46	26.0	3.0	92	40.4	68	115	-26	-0.37	3.7	-7.9	-1.4	29.5	0	16.6	0.63	-2.89	0.03	2	2	
													60	82	64	55	78	60	64	78	41	16	21	47	45	45	27	64	44	41	25	26	25			
MQB 220006		MQB 160009	112	97	101	103	94	100	101	86	96	91	94	109	110	95	97	101	101	98	88	108	92	94	89	87	99	103	96	91	94	93	108	1		
95361770		MQB 190031	67	66	50	50	36	51	61	24	46	24	16	0.05	-2.9	15	13.5	4.0	75	22.9	32	54	-23	0.00	5.9	-1.3	-0.4	33.3	-6	5.4	0.11	-1.07	0.63			
													51	72	56	50	66	50	55	68	32	16	16	35	34	34	21	52	34	32	23	25	23			

Sires

Bull			Selection Values									Birth			Wean				Grwth & Adaptation					Fertility				Raam		Carcass			Progeny			
Index EBV Acc	Genomic	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Weaner Calf V	Growth Value	Prod. Value	Carcass V	Cow wt brth	Birth wt	Cow-Calf birth	Cow wt wean	Wean wt	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling	Nr measured		
ID																																		Comp.nr	Birth	Wean
MQB 220022	AG 160862	90	104	112	94	123	113	104	112	113	116	101	86	103	105	104	112	110	110	110	110	107	118	106	103	96	122	111	114	105	112	105	108	95	5	5
	95362232	MQB 160032	73	75	57	55	41	58	69	32	53	34	25	2.42	-1.9	29	17.0	7.1	98	33.5	106	78	-46	0.48	10.2	-21.1	-2.4	40.1	1	24.3	1.15	1.22	-0.51			
TOR 100010	AG 980338	102	107	110	96	71	96	112	115	99	107	106	99	107	102	107	110	113	110	107	111	118	100	95	89	81	79	112	107	108	90	102	50	46		
	72586001	RAI 990089	90	91	80	78	69	77	87	66	75	54	31	1.13	-2.6	25	18.6	6.7	106	34.0	105	63	-67	0.31	9.7	-2.8	3.0	18.7	6	20.2	1.45	-1.52	0.11	7	7	26
TOR 140008	TOR 050218	103	116	95	93	89	107	116	111	108	109	107	102	106	107	116	95	107	110	103	95	101	89	78	97	94	91	98	100	92	92	98	1	1		
	81455206	RAI 020126	66	66	65	65	54	58	66	47	56	34	33	0.76	-2.4	32	23.6	2.2	90	33.7	89	25	-39	-0.28	-0.4	-7.1	0.7	26.2	-5	13.6	-0.09	-1.28	-0.22		1	1
TOR 190094	TOR 150108	106	93	101	100	112	101	92	101	100	93	91	104	105	98	93	101	96	91	98	94	103	92	98	100	120	101	84	89	95	100	107	12	8		
	89452973	TOR 060132	79	79	61	58	47	62	73	48	59	30	11	0.54	-2.2	19	11.5	4.0	63	15.8	72	20	-42	-0.11	11.8	-8.6	-4.1	31.9	-16	4.0	0.21	0.10	0.56			
TOR 210036	KAN 160101	96	111	101	86	67	86	106	123	92	122	126	95	127	115	111	101	102	112	111	84	99	110	110	72	64	110	94	106	119	122	118	37	36		
	92486513	TOR 170219	94	95	91	90	89	85	93	90	86	89	58	1.52	-5.2	44	20.5	4.0	79	35.3	120	-4	-35	0.86	18.4	7.0	5.9	37.7	-8	19.1	2.62	3.44	1.48	9		
TOR 210094	TOR 180248	77	125	109	77	74	97	123	121	101	128	131	79	96	126	125	109	115	124	111	99	100	73	90	74	74	111	107	116	116	104	118	10	9		
	92621234	TOR 180215	75	78	55	55	43	59	70	44	56	30	66	3.13	-1.1	61	28.3	6.4	108	46.7	119	34	-37	-1.20	6.7	5.7	4.1	38.3	3	28.0	2.31	0.68	1.43	1		

Breeding Values and Accuracies: Bulls

Inbreeding in red is high

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

Animal				Selection Value										Birth			Wean				Growth & Adaptation					Fertility				Frame		Carcass				
ID	Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -brth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean wt	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thickn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling	
AG 070413	65878035	9	AG 030205	AG 020165	121	89	100	124	90	101	101	93	98	96	78	116	114	80	89	100	101	99	93	114	105	100	97	82	111	87	96	90	92	92	120	132
					97	98	94	93	80	86	96	71	83	78	-7	-0.66	-3.4	93	98	94	95	96	91	57	49	96	10.9	1.5	-2.3	23.4	-6	4	-0.12	3.26	2.64	
															90	98	95										95	83	60	96	94	92	75	80	75	
MQB 210010	93316479		MQB 160016	MQB 180117	108	86	104	105	95	90	87	96	89	97	92	108	103	93	86	104	94	81	98	102	100	99	99	94	96	100	103	102	103	96	108	
					61	62	45	46	32	47	57	22	42	22	13	0.20	-2.0	46	66	45	51	66	26	16	16	28	12.2	-5.3	0.3	31.5	-1	16	0.93	-0.61	0.63	
																											27	31	19	46	27	27	22	23	22	
MQB 220002	95361853		MQB 170012	MQB 180145	103	99	98	90	104	98	94			93	109	102	107	110	99	98	93	91	94	128	91	93	91	105	99	103	102	100	95	88	101	
					57	60	41	42	26	44	54			12	35	0.79	-2.6	36	14.6	3.1	56	16.6	56	103	-22	-0.1	7.4	-11.4	-0.3	33.1	-1	13	0.19	-1.89	-0.03	
															43	63	46	42	60	41	48	64	20	8	10	23	23	22	13	42	22	20	12	13	12	
MQB 220006	95361770	1	MQB 160009	MQB 190031	112	97	101	103	94	100	101	86	96	91	94	109	110	95	97	101	101	98	88	108	92	94	89	87	99	103	96	91	94	93	108	
					67	66	50	50	36	51	61	24	46	24	16	0.05	-2.9	15	13.5	4.0	75	22.9	32	54	-23	0.0	5.9	-1.3	-0.4	33.3	-6	5	0.11	-1.07	0.63	
															51	72	56	50	66	50	55	68	32	16	16	35	34	34	21	52	34	32	23	25	23	
MQB 220018	95480042		AG 160862	MQB 180109	82	103	126	86	121	112	104	110	112	120	112	80	98	113	103	126	117	100	106	113	98	106	99	124	107	108	112	118	108	108	91	
					64	64	51	51	34	50	60	29	46	30	39	3.03	-1.3	41	16.7	11.5	114	24.7	101	66	-33	0.7	12.2	-22.3	-1.7	36.4	7	30	1.43	1.25	-0.82	
															40	68	55	51	64	51	55	68	35	22	20	41	40	36	18	49	39	36	28	31	28	
MQB 220022	95362232	1	AG 160862	MQB 160032	90	104	112	94	123	113	104	112	113	116	101	86	103	105	104	112	110	110	107	118	106	103	96	122	111	114	105	112	105	108	95	
					73	75	57	55	41	58	69	32	53	34	25	2.42	-1.9	29	17.0	7.1	98	33.5	106	78	-46	0.5	10.2	-21.1	-2.4	40.1	1	24	1.15	1.22	-0.51	
															53	78	62	55	75	57	62	72	40	25	23	45	44	42	25	56	44	41	32	35	32	
MQB 220026	95361903		MQB 160022	MQB 180107	82	96	115	88	97	87	90	95	86	102	113	85	91	111	96	115	103	93	97	93	95	103	99	95	92	107	106	104	99	96	105	
					63	63	47	48	31	48	58	21	43	22	41	2.54	-0.3	39	13.0	8.2	80	17.9	69	19	-29	0.5	12.4	-6.2	1.0	36.2	2	17	0.57	-0.58	0.35	
															47	68	53	48	63	47	53	66	26	17	15	27	27	29	19	45	27	26	21	23	21	
MQB 220029	95361812	2	MQB 160022	MQB 120004	92	109	82	95	90	88	97	89	86	97	104	88	106	105	109	82	90	109	92	91	97	95	94	84	99	100	95	94	106	87	102	
					68	69	54	52	40	54	64	30	49	29	29	2.28	-2.3	30	19.7	-1.9	50	32.6	48	14	-32	0.0	9.4	0.4	-0.4	31.6	-7	8	1.25	-2.07	0.10	
															52	73	59	52	69	54	58	70	37	20	21	39	39	40	27	53	38	37	28	30	28	
MQB 240005	98102452	15	MQB 160022	MQB 160011	96	112	114	93	82	104	117	105	104	108	108	94	104	105	112	114	119	113	107	104	108	105	101	75	91	101	115	112	106	104	116	
					68	69	54	53	40	54	64	29	49	30	34	1.67	-2.1	29	21.0	7.9	119	36.6	107	46	-50	0.6	13.5	5.3	1.2	32.3	9	24	1.24	0.60	1.27	
															52	72	59	53	69	54	59	70	37	23	20	38	38	39	27	53	38	37	29	31	29	
MQB 240019	98104888		MQB 180003		96	99	101	100	97	95	97			93	98	96	97	98	99	101	101	97	89	122	87	99	95	94	113	84	100	98	93	91	104	
					56	57	33	34	24	40	50			12	21	1.46	-1.1	19	14.7	3.9	76	21.5	38	88	-16	0.3	9.7	-5.1	-2.7	21.8	-3	12	-0.07	-1.37	0.30	
															36	63	43	34	57	33	41	60	16	10	9	17	17	24	14	34	17	16	12	12	12	
MQB 240029	98104961		MQB 180007		95	96	97	104	112	98	92			85	95	94	95	94	96	97	97	94	84	109	81	93	87	105	124	86	98	92	84	85	99	
					57	59	39	37	25	43	52			14	16	1.58	-0.9	13	13.2	2.6	66	18.7	19	58	-5	-0.1	5.2	-11.6	-4.8	22.8	-5	6	-0.89	-2.35	-0.13	
															37	63	45	37	59	39	45	61	20	8	10	23	22	25	14	36	22	20	13	14	13	
MQB 250001	99944910	1	MQB 220022	MQB 220020	99	118	104	86	113	122	119			110	114	94	115	115	118	104	111	115	104	125	104	100	97	109	106	112	110	113	104	100	100	
					61	63	40	35	28	45	55			18	42	1.60	-3.6	44	24.3	4.8	99	38.6	93	95	-43	0.3	11.0	-13.9	-1.6	39.1	5	25	1.07	0.02	-0.07	
															40	68	46	35	63	40	46	50	24	14	13	27	26	30	16	38	26	24	18	19	18	

Breeding Values and Accuracies: Bulls

Inbreeding in red is high

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Animal				Selection Value										Birth			Wean				Growth & Adaptation					Fertility				Frame		Carcass			
ID	Inbreeding	Genomic	Index	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -brth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean wt	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thickn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling	
Animal no	%	Parentage	Sire ID Dam ID Acc																																
MQB 250002	2	MQB 220022	MQB 220016	80	109	117	92	108	108	109	111	109	112	107	79	94	107	109	117	118	111	107	115	109	102	99	110	102	109	108	112	106	100	100	
99944928				62	64	43	38	31	47	57	24	42	22	32	3.13	-0.8	32	19.8	8.6	116	34.9	106	71	-51	0.4	11.9	-14.5	-0.8	37.2	4	24	1.29	0.01	-0.07	
															42	68	48	38	64	43	48	50	29	19	18	32	32	32	20	41	31	29	22	23	22
MQB 250007		DAJ 200090	MQB 180103	97	99	107	85	93	91	95	96	90	104	120	95	110	116	99	107	96	89	97	106	95	95	98	96	86	108	102	107	103	100	101	
99945107				62	62	46	43	30	47	57	27	43	24	50	1.54	-2.9	46	14.4	5.7	65	13.9	69	51	-28	0.1	11.4	-6.6	2.1	36.6	-2	20	0.99	0.06	0.01	
														45	67	51	43	62	46	50	44	33	17	19	39	37	29	20	42	36	33	23	24	23	
MQB 250009		DAJ 200090	MQB 180011	113	91	87	110	97	92	90	84	88	89	91	109	118	89	91	87	86	89	85	91	85	86	87	98	97	103	87	89	94	94	101	
99945115				65	66	49	46	32	50	60	29	46	24	12	0.07	-4.0	6	10.5	-0.3	40	14.5	21	14	-12	-0.4	5.2	-7.7	0.1	33.5	-13	4	0.12	-0.89	0.00	
														47	70	54	46	66	49	54	48	35	18	20	41	40	31	22	44	39	36	24	25	24	
MQB 250014	1	DAJ 200090	MQB 180002	83	107	117	98	93	101	109	100	100	106	102	81	93	99	107	117	121	103	101	91	98	96	98	94	91	107	101	108	106	100	105	
99945156				65	66	49	46	35	50	60	30	46	26	27	2.93	-0.7	21	18.5	8.7	123	27.6	82	14	-33	0.1	11.7	-5.2	1.1	36.0	-2	21	1.28	0.09	0.34	
														48	70	54	46	66	49	54	50	36	19	21	42	41	36	24	46	40	37	25	26	25	
MQB 250015	1	MQB 220022	MQB 220019	107	94	109	100	109	106	98	108	106	108	96	105	108	97	94	109	103	95	104	122	106	101	97	111	99	110	107	108	102	100	98	
99945164				62	63	42	37	29	46	56	24	42	22	18	0.50	-2.6	18	11.8	6.4	82	19.6	94	89	-47	0.4	10.9	-15.2	-0.3	37.9	2	21	0.89	0.01	-0.25	
														42	68	48	37	63	42	47	48	28	18	31	30	30	18	40	30	28	21	22	21		
MQB 250017	2	DAJ 200090	MQB 160011	91	109	114	97	82	101	114	104	101	110	106	87	104	101	109	114	120	108	105	86	102	97	97	78	85	106	108	112	109	108	112	
99945172				67	68	53	49	39	53	63	34	49	31	32	2.38	-2.1	23	19.9	7.9	120	31.6	98	2	-40	0.2	11.0	3.4	2.1	35.4	3	24	1.61	1.23	0.93	
														49	72	57	49	68	53	57	53	42	23	23	47	46	38	28	50	45	42	30	32	30	

Breeding Values and Accuracies: Cows & Heifers

Value <80 Value >120

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Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass		
ID Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
			Sire ID Dam ID																															
MQB 160011 83414508	2	AG 070413 JRP 060015		9879	10378	12781	9477	7853	10168	11379	10740	10262	10740	10935	981.17	100-1.6	10428	10316.6	12711.8	123129	10730.7	109114	8910	107-48	1030.5	9912.2	689.2	901.3	9930.7	11710	11225	1051.19	1091.46	1221.77
MQB 160033 84316405	1	BP 100010 MQB 120019		10678	10776	10178	8673	12047	11665	10676	9524	11257	9816	11239	1030.64	115-3.5	11544	10718.7	1013.9	9972	10529.0	9873	11778	105-45	1110.9	10817.6	114-16.7	131-5.9	9226.3	1148	11224	930.01	1030.52	1080.58
MQB 160039 84489848	1	BP 100010 MQB 120034		8275	10873	11273	8370	10245	9962	10373	9324	9754	9717	11443	852.55	94-0.8	11950	10819.2	1127.2	10689	10832.3	9666	11572	100-37	1151.2	10516.0	104-11.1	111-2.3	9025.3	1061	10619	940.07	1010.13	1030.18
MQB 170024 86017936	1	DAJ 130043 MQB 120016		9375	10174	9075	12575	9646	9863	10274	8228	9356	8520	78-6	921.78	840.6	80-8	10115.7	900.7	10585	9116.2	8627	9830	85-12	980.2	843.4	97-7.0	102-0.9	9226.4	100-3	938	81-1.25	92-1.20	98-0.25
MQB 170108 90848318				10056	8227	12040	8962							11442	1000.95	103-1.9	10936	825.5	1209.6	9562	66-7.3				10333.5									
MQB 170129 90848359				8655	8444	11961	9863							9922	911.94	811.0	9920	847.0	1199.4	10279	68-5.1				9427.5									
MQB 180003 87466769	2	MQB 110043 MQB 150025		7972	10568	10964	10568	8443	9158	10468	9526	9052	10024	9213	773.34	840.6	9312	10517.7	1096.2	116112	10125.5	9767	899	93-24	1040.5	9610.6	85-0.2	911.2	9930.8	99-4	10114	1020.89	96-0.55	1080.59
MQB 180007 87594180	1	DAJ 130043 MQB 110007		10475	9674	9575	11274	11346	10563	9674	8931	10157	8526	865	1020.74	99-1.4	873	9612.7	952.1	9970	9419.4	9043	11059	89-19	92-0.1	854.0	108-13.1	114-2.9	10333.1	100-3	938	85-0.80	84-2.50	98-0.27
MQB 180010 87623203	1	DAJ 130043 MQB 120016		11475	9472	7871	13273	10145	10062	9672	8128	9455	8420	76-9	114-0.45	94-0.8	74-17	9411.7	78-3.0	8845	9115.9	8521	10139	84-11	980.2	832.5	99-8.1	106-1.6	9528.5	98-5	905	79-1.39	92-1.19	98-0.27
MQB 180011 87484481		MQB 110030		13271	7967	7369	12068	10632	8956	7668	7120	8249	7218	842	128-1.86	122-4.5	84-1	794.0	73-4.5	63-17	783.7	74-20	9421	755	83-0.6	843.2	105-11.3	112-2.7	9125.8	82-17	75-8	81-1.25	82-2.81	100-0.05
MQB 180024 88186580	1	DAJ 130043 MQB 130013		11973	9862	9965	10369	9141	10356	10465	9628	10050	9222	9921	114-0.43	120-4.2	9514	9813.9	993.4	10074	9620.7	9768	12290	95-29	1020.4	917.1	90-3.0	101-0.7	9226.4	98-4	9812	90-0.29	90-1.61	1040.27
MQB 180103 90848482				8953	8644	11862	7459	10019						13267	931.68	100-1.6	13168	867.6	1189.1	8845	72-1.4					103-10.7	10031.7							

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Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass		
ID Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -brth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thickn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
			Sire ID Dam ID																															
MQB 180107 90848342				81 53	82 44	121 61	80 63							123 55 64	89 2.17 52	86 0.3 57	122 54 63	82 5.8 44	121 10.0 61	91 53 56	68 -5.0 43						102 32.8 37							
MQB 180111 90848557				103 48	84 37	128 53	104 59							95 16 54	102 0.83 47	100 -1.5 52	92 10 59	84 6.6 37	128 12.0 53	114 106 50	68 -5.6 34						95 28.2 37							
MQB 180112 90848524				90 52	83 37	115 53	93 59							103 28 54	94 1.60 51	88 0.1 55	105 30 59	83 6.1 37	115 8.2 53	95 60 50	68 -5.0 34						87 23.5 39							
MQB 180130 90848540				93 54	83 39	113 56	114 59							82 -1 66	96 1.46 53	82 0.8 57	86 1 59	83 6.1 39	113 7.7 56	104 83 51	65 -8.5 40						111 -15.0 22	101 32.0 38						
MQB 180138 90848516				95 54	85 37	126 53	101 59	104 19						95 17 61	96 1.43 53	92 -0.5 56	96 16 59	85 7.3 7.3	126 11.6 53	111 100 50	67 -5.9 34						111 -14.9 16	94 28.0 38						
MQB 180161 90848490				100 50	82 42	119 61	94 63							106 31 61	101 0.91 49	100 -1.6 56	104 28 63	82 5.5 42	119 9.4 61	97 66 55	67 -6.2 40						96 29.0 38							
MQB 190004 89725881		2	MQB 160022 MQB 160033	103 73	107 72	99 67	95 71	107 43	109 60	107 71	97 24	107 53	101 24	101 24	1.14	-3.3	28 67	18.5 75	3.4 70	80 70	31.2 73	79 30	45 18	-44 17	0.8 32	15.1 32	-11.5 48	-2.4 26	32.4 56	111 5 32	109 21 30	97 0.41 23	101 0.13 24	109 0.66 23
MQB 190008 89812986		1	MQB 160009 MQB 120016	119 70	98 70	90 61	106 68	90 43	99 58	101 68	84 24	95 51	92 22	92 12 68	116 -0.63 73	124 -4.8 66	93 11 68	98 14.2 70	90 0.8 61	94 59 66	94 19.1 72	88 34 31	96 27 16	96 -31 15	104 0.5 33	11.7 34	-2.5 48	0.5 24	30.4 56	105 33	97 11 31	89 -0.44 21	103 0.57 23	108 0.59 21
MQB 190017 89725956		2	MQB 160016 MQB 160032	86 72	103 69	88 60	119 70	98 43	94 58	99 68	98 26	93 52	97 27	83 1 70	85 2.53 75	83 0.7 69	84 -1 70	103 16.7 69	88 0.0 60	101 77 66	96 20.9 70	101 83 33	72 -33 20	104 -44 20	96 0.1 34	10.9 34	-5.9 47	-1.3 28	28.3 55	98 -4 34	100 14 33	104 1.04 26	96 -0.65 28	112 0.96 26
MQB 190020 89725980		3	MQB 160009 MQB 150017	114 72	97 71	90 65	101 71	83 43	90 60	95 70	93 25	88 53	90 26	98 20 70	114 -0.44 75	133 -6.0 69	97 18 71	97 13.5 71	90 0.6 65	90 49 69	95 19.9 67	93 54 32	110 59 19	100 -37 18	99 0.3 33	11.1 33	-1.5 46	1.4 26	28.3 56	95 -7 33	93 7 32	95 0.22 25	92 -1.16 26	110 0.73 25
MQB 190032 89726079		1	DAJ 130043 MQB 120021	94 74	106 63	90 67	103 72	88 41	92 57	100 66	83 30	88 52	87 22	95 16 71	93 1.77 76	97 -1.2 71	95 15 72	106 18.0 63	90 0.8 67	100 72 67	102 26.2 63	86 27 38	108 55 15	88 -16 18	97 0.1 44	88 5.3 44	84 0.2 39	-103 24.7	89 24.7 58	98 -4 42	93 7 39	83 -1.02 21	89 -1.73 23	99 -0.15 21
MQB 200002 90962341		1	MQB 160022 MQB 170015	107 70	106 69	94 58	105 68	93 42	104 57	108 67	93 26	101 51	96 26	95 17 65	103 0.68 74	108 -2.6 66	94 13 68	106 18.1 69	94 1.9 58	104 83 65	105 29.3 70	95 60 33	102 41 18	96 -30 18	98 0.2 36	7.2 35	-6.9 47	0.1 26	29.1 54	100 -3 35	98 12 33	97 0.34 25	91 -1.34 26	106 0.43 25

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Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass		
ID Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
			Sire ID Dam ID																															
MQB 200003 90962358		MQB 160022 MQB 170111		89 70	95 68	110 68	109 70	94 38	93 58	97 68	97 21	92 51	95 22	84 2 70	88 2.28 72	90 -0.3 67	89 6 70	95 12.6 68	110 6.7 68	111 100 69	91 16.4 69	98 72 26	128 103 17	101 -38 15	103 0.5 27	101 13.1 27	86 -1.1 41	94 0.6 22	107 36.1 51	107 2 27	104 17 26	93 -0.01 21	96 -0.56 23	104 0.31 21
MQB 200008 90962390	1	MQB 160022 MQB 170024		82 71	112 70	100 60	102 68	90 42	97 58	108 68	93 25	95 51	96 24	96 18 65	82 2.88 74	87 0.2 67	96 16 68	112 21.1 70	100 3.7 60	113 105 66	109 33.1 72	96 63 32	114 69 18	99 -34 17	103 0.5 35	94 9.1 34	91 -3.7 46	94 0.6 25	99 31.1 54	106 2 34	102 15 32	92 -0.13 23	95 -0.73 25	104 0.25 23
MQB 200013 90962671		MQB 160025 MQB 170146		83 68	97 62	109 53	102 65	118 36	102 52	94 62			100 20	94 15 61	86 2.41 71	82 0.9 65	96 16 65	97 13.6 62	109 6.3 53	107 91 60	90 15.0 66	98 72 25	103 43 15	98 -33 13	102 0.4 26	98 11.4 26	120 -19.9 39	117 -3.5 20	90 25.2 50	108 4 26	104 17 25	96 0.29 19	102 0.42 21	110 0.79 19
MQB 200014 91121988	3	MQB 160016 MQB 120006		121 71	93 70	79 61	115 69	93 45	93 59	91 68	91 31	91 53	85 31	88 7 67	120 -1.12 74	106 -2.4 68	86 2 69	93 11.4 70	79 -2.7 61	82 29 67	95 19.5 72	93 52 38	103 42 23	102 -40 24	93 0.0 39	92 7.7 39	98 -7.6 50	95 0.4 30	99 31.1 56	93 -9 39	93 7 38	102 0.89 30	85 -2.31 32	106 0.40 30
MQB 200018 90962705	16	MQB 160025 MQB 160011		99 71	102 69	106 59	105 67	83 42	96 57	106 67	104 28	97 51	103 28	94 16 64	97 1.34 74	100 -1.6 67	93 12 67	102 16.2 59	106 5.6 59	112 101 65	104 28.1 71	95 97 36	96 27 22	106 -46 19	104 0.5 38	96 10.5 38	78 3.6 45	96 0.3 26	93 27.1 55	113 7 37	107 20 36	100 0.66 27	110 1.60 29	121 1.69 28
MQB 200027 91203208	2	MQB 160022 MQB 160033		100 71	107 71	91 66	103 71	106 42	106 59	105 70	96 24	103 52	99 24	95 17 70	98 1.21 74	103 -2.0 68	95 15 71	107 18.6 71	91 1.0 66	101 77 69	107 31.2 73	99 75 30	110 60 18	104 -44 17	108 0.8 32	103 14.5 32	100 -8.5 46	114 -2.9 25	98 30.3 54	109 4 32	107 19 30	96 0.24 23	101 0.14 24	109 0.65 23
MQB 210004 93316420		MQB 160016 MQB 180109		97 63	95 63	110 55	98 46	99 36	96 50	95 59	98 22	95 44	99 22	100 24 60	99 1.09 67	95 -0.9 54	100 21 46	95 12.6 63	110 6.5 55	104 83 55	86 11.9 66	101 83 26	94 20 16	100 -37 16	100 0.3 28	102 13.7 27	99 -8.1 43	98 0.0 19	100 31.2 46	107 2 27	107 20 27	105 1.12 22	96 -0.62 23	108 0.65 22
MQB 210005 93316438		MQB 160016 MQB 180103		89 68	101 65	107 57	84 46	90 37	87 52	94 62	100 22	88 46	100 22	119 49 68	90 1.99 71	99 -1.4 58	117 46 46	101 15.6 65	107 5.8 57	98 69 56	90 15.4 66	103 89 26	117 75 16	105 -44 16	100 0.3 28	103 14.7 27	84 0.2 43	93 0.9 20	102 33.1 49	109 4 27	110 22 27	105 1.20 22	96 -0.62 23	109 0.65 22
MQB 210009 93316461	2	MQB 160016 MQB 180003		85 68	99 68	88 57	120 49	85 40	83 54	94 64	95 25	82 48	96 26	83 0 66	85 2.59 72	80 1.1 58	83 -3 49	99 14.6 68	88 0.0 57	98 69 58	97 22.0 69	98 70 31	81 -10 19	99 -34 18	101 0.4 33	95 10.0 32	80 2.4 47	94 0.6 23	99 31.2 51	97 -5 32	98 12 31	104 1.08 25	97 -0.43 26	112 0.93 25
MQB 210013 93316503	2	MQB 160016 MQB 180007		93 68	101 69	87 60	122 68	105 41	100 57	100 67	94 26	98 51	90 26	82 0 66	90 2.03 72	93 -0.7 65	82 -5 68	101 15.6 69	87 -0.3 60	100 73 66	98 23.1 70	96 65 35	101 38 18	99 -36 18	95 0.1 36	92 7.7 35	100 -8.5 48	108 -1.9 24	103 33.6 51	100 -3 35	97 11 33	97 0.35 25	91 -1.41 27	107 0.51 25
MQB 210015 93345916	4	MQB 160009 MQB 170033		116 68	104 69	109 58	117 68	84 40	113 56	120 67	89 25	108 50	92 23	87 6 66	115 -0.60 72	130 -5.6 64	85 -1 68	104 16.9 69	109 6.4 58	121 125 65	93 18.2 72	92 47 32	109 58 16	96 -30 16	99 0.3 36	95 9.8 35	84 0.3 46	93 0.7 22	92 26.3 52	103 -1 34	98 12 33	94 0.10 22	95 -0.74 24	107 0.54 22
MQB 210016 93316529	3	MQB 160016 MQB 180012		110 71	102 70	99 64	102 68	91 43	103 59	106 69	96 28	100 53	94 26	101 24 70	108 0.16 74	109 -2.7 67	97 17 68	102 16.3 70	99 3.5 64	104 82 67	102 26.0 70	98 72 34	100 34 19	100 -37 20	95 0.0 36	92 7.8 36	86 -0.6 48	100 -0.4 26	99 30.8 54	100 -3 35	101 15 34	104 1.08 26	88 -1.92 27	107 0.50 26

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Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass		
ID	Inbreeding	Genomic	Index	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
Animal no	%	Parentage	EBV Acc																															
MQB 210030		FCT 110285		97	90	103	127	100	97	95	91	94	94	84	101	74	78	90	103	107	91	89	79	87	85	82	98	105	98	86	85	109	105	100
93376879		MQB 120005		72	70	67	73	51	61	70	42	57	50	2	0.90	2.0	-11	9.9	4.4	89	16.6	37	-16	-15	-0.5	2.1	-7.4	-1.3	30.3	-14	0	1.57	0.81	-0.05
														71	74	70	73	70	67	70	72	53	48	29	54	54	56	37	61	54	53	49	50	49
MQB 210033	1	FCT 110285		105	94	100	116	99	100	98	100	99	99	91	107	90	85	94	100	103	97	97	89	94	92	87	107	97	99	86	88	110	105	101
93376903		MQB 150017		73	72	67	73	52	62	71	40	58	48	11	0.28	-0.2	0	12.1	3.6	81	21.7	67	10	-26	-0.1	5.1	-12.5	0.0	31.1	-15	3	1.70	0.88	0.04
														70	75	70	73	72	67	71	73	51	49	28	53	52	57	38	60	52	52	48	49	48
MQB 210036	1	TOR 140008		103	112	85	96	96	102	106	101	101	102	103	103	104	104	112	85	96	106	99	93	99	102	91	101	102	90	101	102	92	96	101
93376911		MQB 160039		66	66	58	67	40	55	65	26	49	18	27	0.73	-2.1	27	21.2	-0.8	65	30.4	74	18	-34	0.4	7.2	-9.3	-0.9	25.6	-3	15	-0.13	-0.57	-0.03
														65	70	63	67	66	58	64	69	36	14	14	42	41	46	23	50	40	37	18	19	18
MQB 220007	1	MQB 170012		105	118	85	89	110	114	112	97	110	97	112	100	120	113	118	85	97	113	99	119	99	98	94	107	110	104	108	106	98	91	105
95361994		MQB 190004		66	67	55	45	36	52	62	20	46	18	40	0.98	-4.2	41	24.2	-1.0	65	37.0	74	81	-35	0.2	9.4	-12.8	-2.2	33.8	3	19	0.44	-1.38	0.34
														60	70	55	45	67	55	56	68	25	12	13	28	28	42	18	48	27	25	17	18	17
MQB 220016	2	TOR 100010		77	114	121	91	91	104	115	111	105	107	110	78	88	107	114	121	125	112	108	111	112	101	102	98	92	97	113	113	107	92	105
95362208		MQB 180002		69	69	61	52	44	56	65	36	52	30	36	3.31	0.1	33	22.1	9.8	133	35.5	109	63	-56	0.4	13.8	-7.5	0.9	29.5	7	25	1.33	-1.19	0.37
														64	73	60	52	69	61	61	68	41	29	28	46	45	48	31	54	44	41	29	30	29
MQB 220019		TOR 100010		112	93	107	102	91	97	98	105	98	101	97	109	109	96	93	107	101	86	102	125	107	100	99	100	87	98	110	108	100	92	101
95480034		MQB 180130		68	65	58	49	41	53	62	34	49	27	19	0.01	-2.8	16	11.5	5.6	77	11.6	87	96	-48	0.3	12.3	-8.6	1.9	30.4	5	20	0.68	-1.21	0.02
														65	71	58	49	65	58	57	66	38	27	27	43	42	44	28	51	41	38	27	27	27
MQB 220020	1	MQB 170012		111	115	103	91	101	119	120	94	115	95	110	107	122	109	115	103	110	110	96	136	100	97	95	99	102	103	109	106	96	92	105
95361887		MQB 190008		66	66	54	44	35	51	61	20	45	16	37	0.29	-4.5	35	22.6	4.4	97	34.1	64	123	-37	0.1	9.7	-8.2	-0.8	33.4	4	19	0.28	-1.16	0.32
														60	71	54	44	66	54	55	68	26	11	13	29	28	42	18	46	28	26	16	17	16
MQB 220024	1	MQB 160009		104	105	95	106	88	100	107	92	98	92	91	101	106	92	105	95	105	102	93	123	98	95	93	87	96	94	102	98	96	95	110
95361952		MQB 190029		68	67	56	49	40	53	63	26	48	24	12	0.90	-2.4	10	17.8	2.2	86	26.1	52	92	-34	0.0	8.4	-1.5	0.3	28.0	-2	12	0.26	-0.82	0.78
														65	72	57	49	67	56	57	68	33	17	17	36	35	44	22	53	35	33	23	25	23
MQB 230009	2	MQB 170012		96	118	100	81	111	115	115	96	111	95	121	94	110	121	118	100	104	116	98	130	100	99	97	106	118	95	109	108	95	92	104
96798228		MQB 160033		65	67	50	46	33	50	61	20	44	16	52	1.60	-2.9	53	24.2	3.6	84	39.1	72	107	-37	0.3	10.9	-12.4	-3.7	28.3	4	21	0.22	-1.18	0.30
														49	70	54	46	67	50	54	69	25	10	13	29	28	33	19	48	28	25	15	16	15
MQB 230017	2	TOR 190094		104	100	96	101	109	103	98	98	102	95	94	102	104	98	100	96	97	98	98	95	102	100	100	100	117	100	95	96	94	101	108
96798293		MQB 200027		64	65	46	46	33	49	59	27	45	19	15	0.76	-2.2	18	14.9	2.3	67	22.5	69	23	-40	0.3	12.6	-8.7	-3.5	31.4	-7	10	0.09	0.13	0.59
														45	70	53	46	65	46	52	68	34	17	17	41	40	33	20	45	39	35	19	19	19
MQB 230018	3	TOR 190094		101	97	104	104	98	99	99	103	99	96	91	99	101	94	97	104	105	97	102	105	106	98	98	89	108	98	98	98	96	105	114
96798319		MQB 200018		64	65	43	44	33	48	58	28	44	20	11	1.10	-1.8	13	13.7	5.0	84	21.6	85	47	-46	0.2	11.3	-2.7	-1.9	30.0	-4	12	0.28	0.86	1.11
														43	70	52	44	65	43	51	68	36	18	17	42	41	32	21	46	40	36	20	21	20
MQB 230022		AG 160862		82	113	110	98	115	115	114	104	114	112	98	75	93	99	113	110	120	109	101	98	94	105	90	116	111	102	108	112	99	107	90
96798343		MQB 170024		69	70	57	56	40	55	66	32	50	32	20	3.55	-0.6	21	21.7	6.6	122	32.9	82	29	-27	0.6	6.7	-18.0	-2.4	32.8	3	24	0.54	1.10	-0.93
														53	73	61	56	70	57	61	72	40	23	21	46	45	42	23	54	44	40	30	33	30

Breeding Values and Accuracies: Cows & Heifers

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass		
ID Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thickn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
MQB 230028 96798376	1	TOR 190094 MQB 200003		92 64	96 65	107 46	102 45	103 32	96 49	94 59	99 26	95 44	93 18	90 10	91 1.93	94 -0.8	96 16	96 12.8	107 5.8	104 83	93 18.4	98 72	111 61	102 -40	98 0.2	100 12.5	93 -4.9	107 -1.8	104 34.2	95 -7	97 11	93 -0.01	98 -0.22	106 0.42
MQB 230033 96798673	1	DAJ 200090 MQB 150017		91 66	101 67	99 51	105 49	84 38	88 52	99 62	97 31	88 48	94 28	99 22	87 2.40	100 -1.6	94 12	101 15.8	99 3.4	104 84	101 25.7	96 65	109 56	99 -35	93 0.0	94 9.3	94 -5.3	82 2.7	101 31.9	91 -10	97 11	100 0.65	93 -1.07	101 0.04
MQB 230038 96798392	1	DAJ 200090 MQB 190020		118 66	93 66	94 47	109 47	84 36	93 51	97 60	95 30	92 47	96 26	93 13	118 -0.86	133 -6.0	90 7	93 11.6	94 1.9	94 59	93 17.8	95 59	103 43	98 -33	95 0.0	94 9.3	90 -2.9	85 2.2	100 31.3	94 -8	98 12	100 0.63	99 -0.06	105 0.37
MQB 230039 96798681	1	DAJ 200090 MQB 180024		108 66	103 65	99 47	103 47	87 35	99 50	106 60	96 30	98 46	100 26	100 24	104 0.55	119 -4.1	96 15	103 16.4	99 3.2	104 82	99 23.7	97 69	92 15	94 -26	96 0.1	91 7.6	89 -2.8	91 1.1	98 30.2	97 -6	102 16	100 0.65	98 -0.29	103 0.16
MQB 230042 96798723		DAJ 200090 MQB 180130		96 63	95 46	107 44	108 43	95 31	94 42	97 48	94 27	93 39	100 24	91 12	93 1.72	100 -1.5	90 7	95 12.2	107 5.7	106 89	83 9.1	96 62	98 31	92 -24	95 0.0	96 10.4	101 -9.3	87 1.8	103 33.5	99 -3	104 17	100 0.64	100 0.07	101 -0.02
MQB 240003 98101942	3	MQB 160022 MQB 180002		79 66	122 67	118 50	86 50	91 35	111 51	123 62	105 24	110 46	106 25	115 43	70 4.16	90 -0.2	114 42	122 26.5	118 9.2	126 136	121 44.0	107 107	128 102	109 -52	105 0.6	106 16.5	88 -2.2	96 0.2	102 32.5	113 7	115 27	104 1.07	96 -0.56	109 0.69
MQB 240007 98102460	1	MQB 160022 MQB 190032		90 66	112 66	98 49	96 51	87 36	97 51	108 61	93 26	95 46	95 24	103 27	87 2.31	101 -1.7	103 26	112 21.1	98 3.1	108 92	113 36.3	95 61	119 80	99 -35	102 0.4	95 9.7	83 0.6	97 0.0	96 28.8	104 0	101 14	92 -0.14	94 -0.99	104 0.29
MQB 240010 98102486		MQB 210004		88 54	100 56	102 29	96 23	104 20	95 37	94 47			89 12	104 28	89 2.13	93 -0.6	103 26	100 15.1	102 4.3	100 74	89 14.7	88 32	71 -36	81 -6	96 0.1	94 8.9	100 -8.9	116 -3.3	84 21.4	100 -3	97 11	91 -0.19	91 -1.40	105 0.31
MQB 240013 98113921		MQB 210015		106 56	111 57	100 31	96 34	96 22	111 40	115 49			89 12	105 29	101 0.89	114 -3.5	102 25	111 21.0	100 3.6	109 95	102 26.0	88 33	110 59	87 -15	97 0.1	95 9.8	91 -3.9	114 -2.9	79 18.7	104 0	100 13	89 -0.42	90 -1.47	104 0.28
MQB 240020 98104896		MQB 160111		105 54	84 55	108 34	101 33							98 21	106 0.39	100 -1.5	97 17	84 6.9	108 5.9	94 58	77 3.3								89 24.9					
MQB 240021 98104904		MQB 200013		83 56	101 56	102 28	99 33	114 21	99 39	94 48			91 10	99 22	85 2.60	87 0.1	99 20	101 15.6	102 4.3	103 81	92 17.5	88 35	88 7	83 -9	98 0.2	94 8.9	110 -14.5	126 -5.0	80 19.1	103 -1	98 12	88 -0.51	94 -0.89	105 0.39
MQB 240024 98104912		MQB 200003		106 56	85 58	103 35	110 35	102 21	92 41	86 51			83 11	87 6	106 0.32	96 -1.1	89 5	85 7.1	103 4.6	95 60	84 9.9	85 24	109 58	84 -10	98 0.2	93 8.3	96 -6.4	115 -3.0	87 23.5	98 -5	93 7	82 -1.10	91 -1.36	102 0.12

Breeding Values and Accuracies: Cows & Heifers

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass		
ID	% Inbreeding	Genomic Parentage	Index EBV Acc	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thickn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
MQB 250003	1	MQB 220022		111	97	100	98	118	110	98			98	98	107	114	100	97	100	97	102	98	123	100	99	91	118	111	109	100	101	94	99	99
99944936		MQB 220007		62	63	41	36	28	45	55			19	21	0.31	-3.5	22	13.2	3.7	66	26.8	73	91	-37	0.3	7.5	-18.7	-2.4	37.1	-3	14	0.11	-0.05	-0.14
														40	68	47	36	63	41	47	50	24	14	13	27	26	30	16	39	26	24	18	20	18
MQB 250004	1	DAJ 200090		107	105	100	94	103	107	105	96	104	100	106	102	117	105	105	100	102	102	97	103	100	100	100	103	106	99	103	107	99	105	104
99945222		MQB 160033		66	67	52	48	36	52	62	30	48	24	31	0.82	-3.9	29	17.4	3.7	77	26.3	68	42	-36	0.3	12.4	-10.4	-1.5	31.2	-1	20	0.55	0.78	0.30
														49	71	56	48	67	52	56	54	36	18	20	42	41	37	24	48	40	37	24	25	24
MQB 250005	1	TOR 210094		94	107	103	94	94	99	104	104	99	104	107	95	98	105	107	103	106	107	100	106	94	82	87	92	94	108	102	103	99	94	108
6020097991		MQB 180007		64	66	47	46	32	49	60	27	45	20	32	1.57	-1.3	29	18.5	4.4	87	30.8	77	49	-27	-0.7	4.8	-4.0	0.6	36.5	-1	16	0.55	-0.90	0.56
														46	70	53	46	66	47	53	51	37	12	14	45	43	33	19	43	42	38	19	20	19
MQB 250006	1	TOR 210036		100	105	103	92	80	94	105	111	96	110	110	96	115	107	105	103	104	102	106	104	101	107	106	78	79	111	102	108	108	109	112
6020098007		MQB 200003		65	67	46	45	30	49	60	27	45	21	36	1.45	-3.6	32	17.8	4.6	82	26.9	102	46	-37	0.7	16.5	3.5	3.3	38.1	-1	20	1.44	1.44	0.90
														43	71	52	45	67	46	53	53	38	13	13	45	43	31	18	42	42	39	20	22	20
MQB 250012	1	DAJ 200090		116	95	99	111	90	100	102	90	97	94	91	111	115	88	95	99	101	93	91	93	89	88	86	91	92	102	93	96	98	94	100
99945131		MQB 190031		66	65	49	48	35	50	60	31	46	26	11	-0.14	-3.6	5	12.6	3.4	77	18.4	45	19	-19	-0.3	4.2	-3.6	1.0	32.8	-9	10	0.47	-0.99	-0.07
														48	71	55	48	65	49	54	48	38	18	21	45	43	34	24	47	42	39	26	27	26
MQB 250013	1	MQB 220022		95	100	106	104	106	104	102	101	103	100	92	92	100	94	100	106	109	103	99	122	101	99	93	106	104	104	101	102	97	101	102
99945149		MQB 220024		62	63	41	37	29	46	55	20	41	20	13	1.87	-1.6	13	15.2	5.4	95	27.7	73	89	-39	0.2	8.5	-11.9	-1.1	34.2	-2	15	0.40	0.21	0.11
														42	68	47	37	63	41	47	50	26	15	14	29	28	30	17	40	28	26	20	21	20
MQB 250019	1	DAJ 200090		96	110	100	100	87	101	111	99	99	102	103	91	109	98	110	100	110	106	100	91	99	93	94	87	90	103	100	107	108	97	104
99945198		MQB 210016		65	66	47	46	35	50	60	30	46	26	27	1.91	-2.8	19	20.2	3.6	97	29.7	78	13	-35	-0.1	8.9	-1.3	1.3	33.3	-3	20	1.45	-0.46	0.29
														47	70	53	46	66	47	53	52	37	19	21	43	41	37	24	45	40	37	26	27	26
MQB 250020		DAJ 200090		82	98	112	91	94	87	92	93	86	101	112	82	96	108	98	112	103	88	95	81	89	95	95	99	87	105	98	103	101	100	101
99945206		MQB 180107		63	47	45	44	30	42	49	27	39	24	39	2.89	-1.0	34	14.1	7.1	81	13.3	58	-10	-19	0.0	9.7	-8.4	1.9	34.8	-4	16	0.74	0.06	-0.01
														45	68	52	44	47	45	45	44	33	17	19	39	37	28	20	41	36	33	23	24	23
MQB 250021	1	DAJ 200090		86	108	105	93	87	93	104	99	93	103	110	82	102	106	108	105	107	99	100	102	100	95	98	88	87	105	101	107	106	101	105
6020431513		MQB 210005		64	53	44	39	34	44	51	29	41	26	36	2.85	-1.9	30	19.0	5.0	91	23.7	78	39	-36	0.1	11.3	-1.7	1.9	34.7	-2	20	1.31	0.20	0.35
														46	70	51	39	53	44	45	50	36	19	20	41	40	35	23	44	39	36	25	26	25
MQB 250022		MQB 220006		102	91	111	96	100	95	92			93	104	101	104	102	91	111	100	83	90	101	89	97	94	98	96	106	100	96	94	94	104
99945214		MQB 170108		59	36	32	40	21	34	39			12	29	0.90	-2.1	25	10.5	6.9	73	9.0	42	39	-19	0.1	9.0	-7.4	0.2	35.0	-3	10	0.05	-0.99	0.28
														42	65	48	40	36	32	36	36	16	8	8	17	17	17	10	37	17	16	11	12	11

Selection List on Cow Value

Bulls 2 years and older

ID Sorted on ID	Name	Sire ID	Dam ID	Visual Score % Inbreeding	Horned / Polled	Myostatin Q204X nt821 F94L	Genomic test	Calving Ease Value Acc	Calf Growth Value Acc	Milk Value Acc	Maint. Value Acc	Fertility Value Acc	Cow Value Acc	Weaner Calf Value Acc	Growth Value Acc	Prod Value Acc	Carcass Value Acc
						<i>Italics: DNA Test</i>		★★★★									
1	MQB 220018	MQB 220018	AG 160862	MQB 180109	7	0.0		82 64	103 64	126 51	86 51	121 34	112 50	104 60	110 29	112 46	120 30
2	MQB 220022	MQB 220022	AG 160862	MQB 160032	8	0.8		90 73	104 75	112 57	94 55	123 41	113 58	104 69	112 32	113 53	116 34
								★★★★☆									
1	AG 070413	AG070413	AG 030205	AG 020165	8	8.5		121 97	89 98	100 94	124 93	90 80	101 86	101 96	93 71	98 83	96 78
2	MQB 220006	MQB 220006	MQB 160009	MQB 190031	7	0.8		112 67	97 66	101 50	103 50	94 36	100 51	101 61	86 24	96 46	91 24
3	MQB 240005	QOTOYI	MQB 160022	MQB 160011	6	14.8		96 68	112 69	114 54	93 53	82 40	104 54	117 64	105 29	104 49	108 30
								★★★★									
1	MQB 210010	QOTOYI	MQB 160016	MQB 180117	8	0.0		108 61	86 62	104 45	105 46	95 32	90 47	87 57	96 22	89 42	97 22
2	MQB 220002	MQB 220002	MQB 170012	MQB 180145	8	0.0		103 57	99 60	98 41	90 42	104 26	98 44	94 54			93 12
3	MQB 240019	QOTOYI		MQB 180003		0.0		96 56	99 57	101 33	100 34	97 24	95 40	97 50			93 12
4	MQB 240029	QOTOYI		MQB 180007		0.0		95 57	96 59	97 39	104 37	112 25	98 43	92 52			85 14
								★★★★☆									
1	MQB 220026	MQB 220026	MQB 160022	MQB 180107	7	0.0		82 63	96 63	115 47	88 48	97 31	87 48	90 58	95 21	86 43	102 22
2	MQB 220029	MQB 220029	MQB 160022	MQB 120004	6	1.6		92 68	109 69	82 54	95 52	90 40	88 54	97 64	89 30	86 49	97 29

Selection List on Cow Value

Cows 2 years and older

ID	Name	Sire ID	Dam ID	Visual Score	Horned / Polled	Myostatin	Genomic test	Calving Ease Value	Calf Growth Value	Milk Value	Maint. Value	Fertility Value	Cow Value	Weaner Calf Value	Growth Value	Prod Value	Carcass Value										
Sorted on ID				% Inbreeding		Q204X nt821 F94L		Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc										
								★★★★																			
1	MQB 160033	QOTOYI	BP 100010	MQB 120019	6	0.6		106	78	107	76	101	78	86	73	120	47	116	65	106	76	95	24	112	57	98	16
2	MQB 210015	QOTOYI	MQB 160009	MQB 170033	8	4.2		116	68	104	69	109	58	117	68	84	40	113	56	120	67	89	25	108	50	92	23
3	MQB 220007	MQB 220007	MQB 170012	MQB 190004	8	1.5		105	66	118	67	85	55	89	45	110	36	114	52	112	62	97	20	110	46	97	18
4	MQB 220020	MQB 220020	MQB 170012	MQB 190008	8	0.9		111	66	115	66	103	54	91	44	101	35	119	51	120	61	94	20	115	45	95	16
5	MQB 230009	MQB	MQB 170012	MQB 160033	8	1.6		96	65	118	67	100	50	81	46	111	33	115	50	115	61	96	20	111	44	95	16
6	MQB 230022	MQB	AG 160862	MQB 170024	8	0.5		82	69	113	70	110	57	98	56	115	40	115	55	114	66	104	32	114	50	112	32
7	MQB 240003	QOTOYI	MQB 160022	MQB 180002	8	3.2		79	66	122	67	118	50	86	50	91	35	111	51	123	62	105	24	110	46	106	25
8	MQB 240013	QOTOYI		MQB 210015	7	0.0		106	56	111	57	100	31	96	34	96	22	111	40	115	49					89	12
								★★★★☆																			
1	MQB 160011	QOTOYI	AG 070413	JRP 060015	7	2.1		98	79	103	78	127	81	94	77	78	53	101	68	113	79	107	40	102	62	107	40
2	MQB 180007	MQB18007	DAJ 130043	MQB 110007	7	1.4		104	75	96	74	95	75	112	74	113	46	105	63	96	74	89	31	101	57	85	26
3	MQB 180010	MQB 180010	DAJ 130043	MQB 120016	6	0.8		114	75	94	72	78	71	132	73	101	45	100	62	96	72	81	28	94	55	84	20
4	MQB 180024	MQB 180024	DAJ 130043	MQB 130013	6	1.0		119	73	98	62	99	65	103	69	91	41	103	56	104	65	96	28	100	50	92	22
5	MQB 190004	QOTOYI	MQB 160022	MQB 160033	7	1.6		103	73	107	72	99	67	95	71	107	43	109	60	107	71	97	24	107	53	101	24
6	MQB 200002	QOTOYI	MQB 160022	MQB 170015	6	1.0		107	70	106	69	94	58	105	68	93	42	104	57	108	67	93	26	101	51	96	26
7	MQB 200013	QOTOYI	MQB 160025	MQB 170146	6	0.0		83	68	97	62	109	53	102	65	118	36	102	52	94	62					100	20
8	MQB 200027	QOTOYI	MQB 160022	MQB 160033	7	1.6		100	71	107	71	91	66	103	71	106	42	106	59	105	70	96	24	103	52	99	24
9	MQB 210013	QOTOYI	MQB 160016	MQB 180007	7	2.4		93	68	101	69	87	60	122	68	105	41	100	57	100	67	94	26	98	51	90	26
10	MQB 210016	QOTOYI	MQB 160016	MQB 180012	7	3.1		110	71	102	70	99	64	102	68	91	43	103	59	106	69	96	28	100	53	94	26
11	MQB 210033	QOTOY1	FCT 110285	MQB 150017	8	0.9		105	73	94	72	100	67	116	73	99	52	100	62	98	71	100	40	99	58	99	48
12	MQB 210036	QOTOYI	TOR 140008	MQB 160039	8	1.2		103	66	112	66	85	58	96	67	96	40	102	55	106	65	101	26	101	49	102	18
13	MQB 220016	MQB 220016	TOR 100010	MQB 180002	7	2.0		77	69	114	69	121	61	91	52	91	44	104	56	115	65	111	36	105	52	107	30
14	MQB 220024	MQB 220024	MQB 160009	MQB 190029	7	1.1		104	68	105	67	95	56	106	49	88	40	100	53	107	63	92	26	98	48	92	24
15	MQB 230017	MQB	TOR 190094	MQB 200027	7	2.0		104	64	100	65	96	46	101	46	109	33	103	49	98	59	98	27	102	45	95	19
								★★★★																			
1	MQB 160039	QOTOYI	BP 100010	MQB 120034	7	0.9		82	75	108	73	112	73	83	70	102	45	99	62	103	73	93	24	97	54	97	17

Selection List on Cow Value

Cows 2 years and older

ID		Name	Sire ID	Dam ID	Visual Score	% Inbreeding	Horned / Polled	Myostatin	Genomic test	Calving Ease Value	Calf Growth Value	Milk Value	Maint. Value	Fertility Value	Cow Value	Weaner Calf Value	Growth Value	Prod Value	Carcass Value										
Sorted on ID								Q204X nt821 F94L		Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc										
										★★★★																			
2	MQB 170024	QOTOYI	DAJ 130043	MQB 120016	8	0.8				93	75	101	74	90	75	125	75	96	46	98	63	102	74	82	28	93	56	85	20
3	MQB 180003	QOTOYI	MQB 110043	MQB 150025	8	1.7				79	72	105	68	109	64	105	68	84	43	91	58	104	68	95	26	90	52	100	24
4	MQB 190008	QOTOYI	MQB 160009	MQB 120016	7	0.5				119	70	98	70	90	61	106	68	90	43	99	58	101	68	84	24	95	51	92	22
5	MQB 190017	QOTOYI	MQB 160016	MQB 160032	6	2.4				86	72	103	69	88	60	119	70	98	43	94	58	99	68	98	26	93	52	97	27
6	MQB 190020	QOTOYI	MQB 160009	MQB 150017	6	2.8				114	72	97	71	90	65	101	71	83	43	90	60	95	70	93	25	88	53	90	26
7	MQB 190032	QOTOYI	DAJ 130043	MQB 120021	7	1.0				94	74	106	63	90	67	103	72	88	41	92	57	100	66	83	30	88	52	87	22
8	MQB 200003	QOTOYI	MQB 160022	MQB 170111	8	0.0				89	70	95	68	110	68	109	70	94	38	93	58	97	68	97	21	92	51	95	22
9	MQB 200008	QOTOYI	MQB 160022	MQB 170024	7	0.8				82	71	112	70	100	60	102	68	90	42	97	58	108	68	93	25	95	51	96	24
10	MQB 200014	QOTOYI	MQB 160016	MQB 120006	6	3.4				121	71	93	70	79	61	115	69	93	45	93	59	91	68	91	31	91	53	85	31
11	MQB 200018	QOTOYI	MQB 160025	MQB 160011	6	15.8				99	71	102	69	106	59	105	67	83	42	96	57	106	67	104	28	97	51	103	28
12	MQB 210004	QOTOYI	MQB 160016	MQB 180109	7	0.0				97	63	95	63	110	55	98	46	99	36	96	50	95	59	98	22	95	44	99	22
13	MQB 210030	QOTOYI	FCT 110285	MQB 120005	7	0.3				97	72	90	70	103	67	127	73	100	51	97	61	95	70	91	42	94	57	94	50
14	MQB 220019	MQB 220019	TOR 100010	MQB 180130	7	0.0				112	68	93	65	107	58	102	49	91	41	97	53	98	62	105	34	98	49	101	27
15	MQB 230018	MQB	TOR 190094	MQB 200018	6	2.9				101	64	97	65	104	43	104	44	98	33	99	48	99	58	103	28	99	44	96	20
16	MQB 230028	MQB	TOR 190094	MQB 200003	7	1.4				92	64	96	65	107	46	102	45	103	32	96	49	94	59	99	26	95	44	93	18
17	MQB 230038	MQB	DAJ 200090	MQB 190020	8	1.3				118	66	93	66	94	47	109	47	84	36	93	51	97	60	95	30	92	47	96	26
18	MQB 230039	MQB	DAJ 200090	MQB 180024	6	1.1				108	66	103	65	99	47	103	47	87	35	99	50	106	60	96	30	98	46	100	26
19	MQB 230042	MQB	DAJ 200090	MQB 180130	6	0.0				96	63	95	46	107	44	108	43	95	31	94	42	97	48	94	27	93	39	100	24
20	MQB 240007	QOTOYI	MQB 160022	MQB 190032	7	1.5				90	66	112	66	98	49	96	51	87	36	97	51	108	61	93	26	95	46	95	24
21	MQB 240010	QOTOYI		MQB 210004	6	0.0				88	54	100	56	102	29	96	23	104	20	95	37	94	47					89	12
22	MQB 240021	QOTOYI		MQB 200013	6	0.0				83	56	101	56	102	28	99	33	114	21	99	39	94	48					91	10
23	MQB 240024	QOTOYI		MQB 200003	7	0.0				106	56	85	58	103	35	110	35	102	21	92	41	86	51					83	11
										★★★★☆																			
1	MQB 180011	QOTOYI		MQB 110030	6	0.0				132	71	79	67	73	69	120	68	106	32	89	56	76	68	71	20	82	49	72	18
2	MQB 210005	QOTOYI	MQB 160016	MQB 180103	7	0.0				89	68	101	65	107	57	84	46	90	37	87	52	94	62	100	22	88	46	100	22
3	MQB 210009	QOTOYI	MQB 160016	MQB 180003	7	2.3				85	68	99	68	88	57	120	49	85	40	83	54	94	64	95	25	82	48	96	26
4	MQB 230033	MQB	DAJ 200090	MQB 150017	6	1.1				91	66	101	67	99	51	105	49	84	38	88	52	99	62	97	31	88	48	94	28

Selection List on Cow Value

Bull calves younger than 2 years

ID	Name	Sire ID	Dam ID	Visual Score	Horned / Polled	Myostatin	Calving Ease Value	Calf Growth Value	Milk Value	Maint. Value	Fertility Value	Cow Value	Weaner Calf Value	Growth Value	Prod Value	Carcass Value										
Sorted on ID				% Inbreeding		Q204X nt821 F94L	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc										
						<i>Italics: DNA Test</i>																				
1	MQB 250001	QOTOYI	MQB 220022	MQB 220020	0.9		99	61	118	63	104	40	86	35	113	28	122	45	119	55			110	18		
1	MQB 250002	QOTOYI	MQB 220022	MQB 220016	2.3		80	62	109	64	117	43	92	38	108	31	108	47	109	57	111	24	109	42	112	22
2	MQB 250014	QOTOYI	DAJ 200090	MQB 180002	1.3		83	65	107	66	117	49	98	46	93	35	101	50	109	60	100	30	100	46	106	26
3	MQB 250015	QOTOYI	MQB 220022	MQB 220019	0.8		107	62	94	63	109	42	100	37	109	29	106	46	98	56	108	24	106	42	108	22
4	MQB 250017	QOTOYI	DAJ 200090	MQB 160011	1.7		91	67	109	68	114	53	97	49	82	39	101	53	114	63	104	34	101	49	110	31
1	MQB 250007	QOTOYI	DAJ 200090	MQB 180103	0.0		97	62	99	62	107	46	85	43	93	30	91	47	95	57	96	27	90	43	104	24
2	MQB 250009	QOTOYI	DAJ 200090	MQB 180011	0.3		113	65	91	66	87	49	110	46	97	32	92	50	90	60	84	29	88	46	89	24

Selection List on Cow Value

Heifers younger than 2 years

ID	Name	Sire ID	Dam ID	Visual Score	Horned / Polled	Myostatin	Calving Ease Value	Calf Growth Value	Milk Value	Maint. Value	Fertility Value	Cow Value	Weaner Calf Value	Growth Value	Prod Value	Carcass Value
Sorted on ID				% Inbreeding		Q204X ni821 F94L	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc
						<i>Italics: DNA Test</i>										
1	MQB 250003	QOTOYI	MQB 220022	MQB 220007	1.3		11162	9763	10041	9836	11828	11045	9855			9819
1	MQB 250004	QOTOYI	DAJ 200090	MQB 160033	1.1		10766	10567	10052	9448	10336	10752	10562	9630	10448	10024
2	MQB 250012	QOTOYI	DAJ 200090	MQB 190031	0.6		11666	9565	9949	11148	9035	10050	10260	9031	9746	9426
3	MQB 250013	QOTOYI	MQB 220022	MQB 220024	1.1		9562	10063	10641	10437	10629	10446	10255	10120	10341	10020
4	MQB 250019	QOTOYI	DAJ 200090	MQB 210016	1.2		9665	11066	10047	10046	8735	10150	11160	9930	9946	10226
1	MQB 250005	MQB 250005	TOR 210094	MQB 180007	1.4		9464	10766	10347	9446	9432	9949	10460	10427	9945	10420
2	MQB 250006	QOTOYI	TOR 210036	MQB 200003	0.8		10065	10567	10346	9245	8030	9449	10560	11127	9645	11021
3	MQB 250021	MQB 250021	DAJ 200090	MQB 210005	0.8		8664	10853	10544	9339	8734	9344	10451	9929	9341	10326
4	MQB 250022	QOTOYI	MQB 220006	MQB 170108	0.0		10259	9136	11132	9640	10021	9534	9239			9312
1	MQB 250020	QOTOYI	DAJ 200090	MQB 180107	0.0		8263	9847	11245	9144	9430	8742	9249	9327	8639	10124

