

BORAN

GENOMIC BREEDING VALUE REPORT

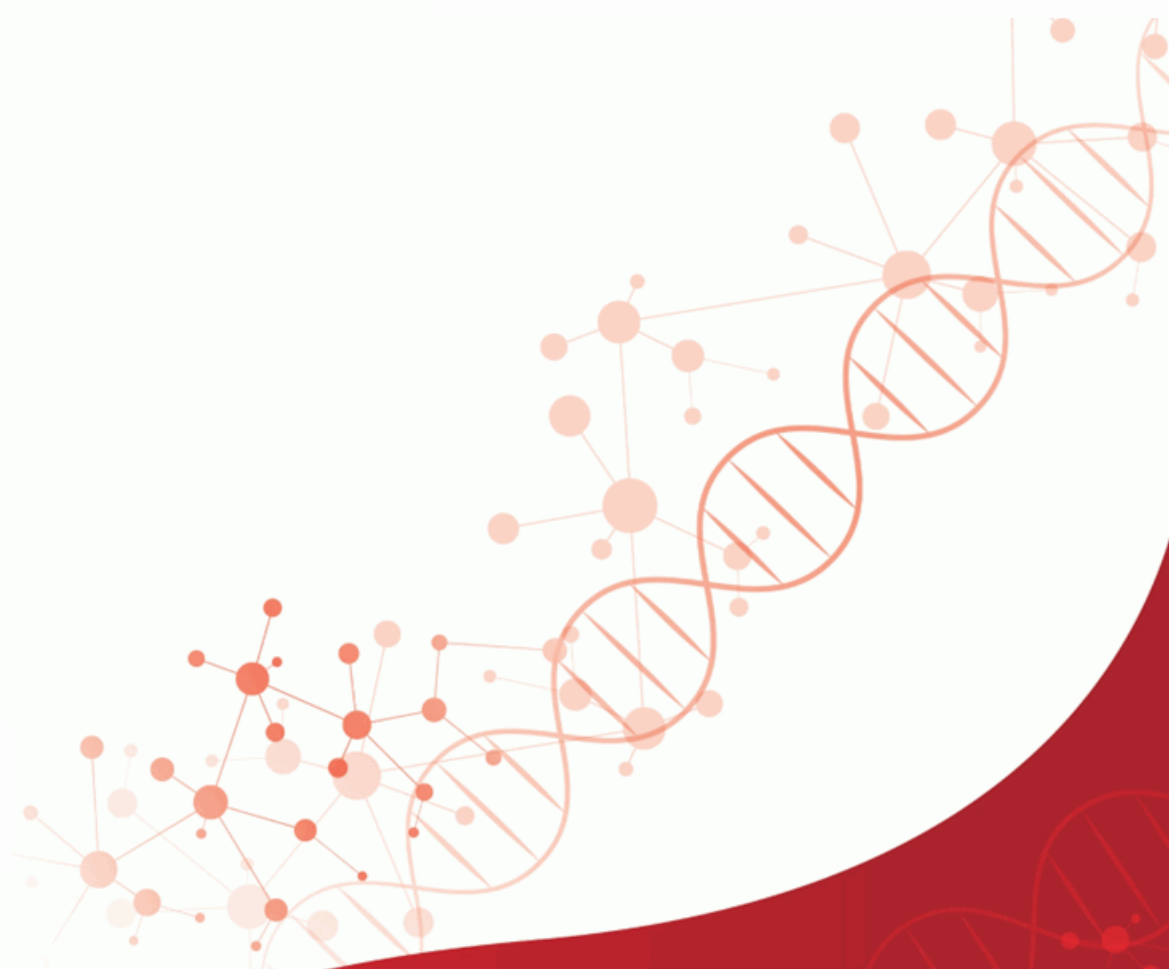
September 2026



SOLSTICE STUD FARM

Herd Number: 710772

E-mail: solsticeboran@gmail.com



SA Stud Book's breeding value analyses are at a very high standard and are internationally accredited. The models were adjusted to enable a more precise determination of current breeding values.

Genomic Breeding Values (GEBVs)



Genomically analyzed animals are marked with the accompanying logo. Older animals with accurate breeding values (Reference Population) are used to determine the relationship between the SNP markers and the breeding values, which are unique to each breed. Production measurements, pedigrees and genomic information are used to estimate Genomic Breeding Values (GEBVs). Genomically tested young animals therefore have extra information with which breeding values can be estimated especially for complex traits such as fertility and milk.

 Parentages can be determined very accurately with 50 000 markers, instead of the 15-30 markers with previous DNA tests, provided that the parent has also been genomically tested. Parentages are indicated as follows in this report:

- ☐ The parent has not been tested, and the parentage cannot therefore be confirmed genomically.
- ☒ Parentage is genomically correct
- ☒ Parentage conflict. If the correct parent has been genomically tested, SA Studbook will contact you. If the breeder of the animal confirms that the genomically designated parent was also on the farm at the time of mating, the parentage can be corrected. Please work extremely carefully when collecting and marking hair samples, otherwise the test must be repeated. If there are any queries, please contact Jason Reding at jason@studbook.co.za

Update to the Evaluation

Best scientific practice and technological improvements have made it possible to update the Genomic Evaluation as follows:

1. **Previous Calf:** A cow whose previous calf died or was not weaned will have its cow fertility and current calf's weaning weight penalized.
2. **The age adjustment** is within the contemporary group for weaning weight and growth traits instead of across the breed as before. This adjustment may affect some herds more than others.
3. **Mature Weight EBV/Maintenance Value** uses all of the cow's weights at weaning as a repeated measurement, not just the first 3 measurements as before. The EBV appears as Cow Weight Weaning on the report.

New breeding values

- **Cow weight at birth of the calf**
- **Cow weight at weaning of the calf**
- **Cow-Calf Ratio at birth of the calf.** The Cow-Calf ratio is calculated with breeding values.
- **Cow-Calf Ratio at weaning of the calf.** The Cow-Calf ratio is calculated with breeding values.
- **Veld growth breeding value:** The growth rate and adaptability from weaning to year or 18 months for animals in Phase B on the veld.
- **Skin thickness:** Skin thickness is an indication of adaptation, where thicker skins protect the animal more against ticks as well as heat (due to an increase in blood vessels in the skin)



EBVs, EBVi's and GEBVs

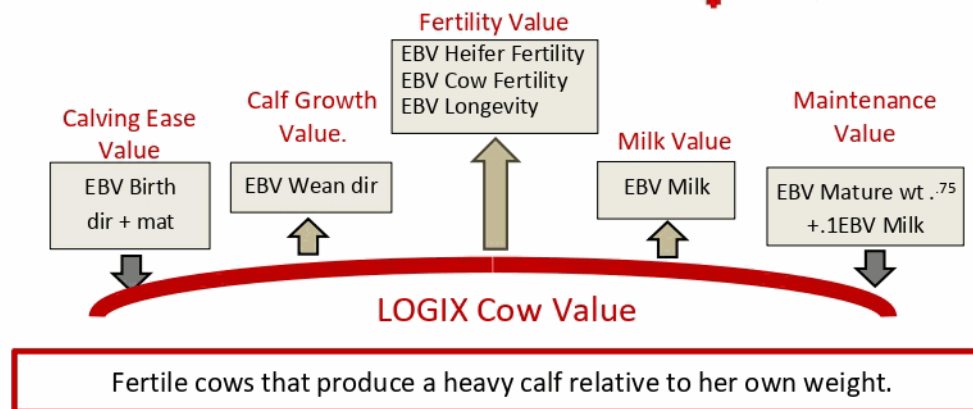
EBVi (Breeding Value Index): Genetic potential relative to the average (100) of the live animals in the breed. Roughly 50% of the animals have values between 90 and 110. Values above 100 tend to be in the more favourable direction.

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

GROWERS

(GOOD ENVIRONMENT)

- Calf Growth / Growth Value > 120
- Cow Value and Fertility Value average to high

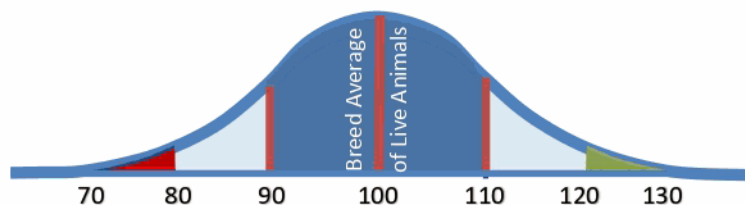
Growers are usually heavier at birth (lower Calving Ease Value), and maturity (lower Maintenance Value).

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

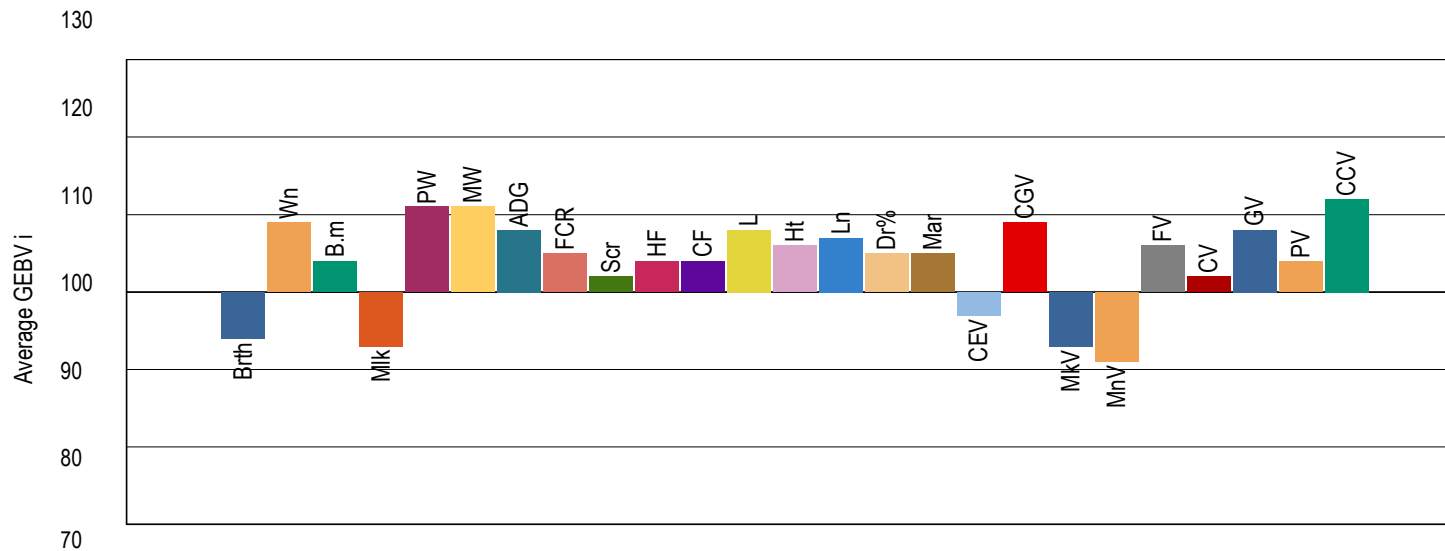


Examples

Type of Animal	Cow Value	Calving Ease V	Calf Growth 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	High Value	Low 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)	Profitable cows	Loss	Profit
	Growth Value	Efficient growth on veld and in feedlot (Rand-value)	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	Thick	Thin
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	<1	>1
Carcass	Eye Muscle Area	RTU Eye muscle area	Bigger steaks	Small	Big
	Fat	RTU P8 Backfat Thickness	Carcass quality	Thin	Thick
	Marbling	RTU % Marbling	Juicy meat	Low	High
	Dressing%	Carcass weight / Live weight	High dressing %	Low	High

Herd and Breed Averages



Genomic Breeding Values (GEBVs):

Brth:	Birth weight	Scr:	Scrotal circumf.
Wn:	Weaning weight	HF:	Heifer Fertility
B.m:	Birth maternal	CF:	Cow Fertility
Mlk:	Milk	LL:	Longevity
PW:	Post-wean weight	Ht:	Height
MW:	Mature weight	Ln:	Length
ADG:	Average Daily Gain	Dr%:	Dressing%
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
GV:	Growth Value
PV:	Production Value
CCV:	Carcass Value

	Trait	EBV Herd	EBVi Herd	EBV Breed
Prewrite Growth	Birth Weight	0.75	94	0.35
	Wean Weight	4.2	109	1.3
	Birth Mat.	-0.32	104	-0.21
	Milk (Wn.Mat.)	-1.1	93	0.5
Postwean Growth	Postwean Wt	10.0	111	4.0
	Mature Weight	16	111	7
	ADG	9	108	-3
	FCR	-9	105	0
Fertility	Scrotal Circumf.	2.7	102	2.0
	Heifer Fertility	-3.5	104	-1.0
	Cow Fertility	-0.8	104	-0.1
	Longevity	36.9	108	30.6
Frame	Height	5	106	2
	Length	5	107	1
Carcass	Dressing%	0.07	105	0.00
	Marbling	0.07	105	-0.23

Selection Value	Ave. Herd
Calving Ease	97
Calf Growth	109
Milk	93
Maintenance	91
Fertility	106
Cow Value	102
Growth Value	108
Production Value	104
Carcass Value	112

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

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

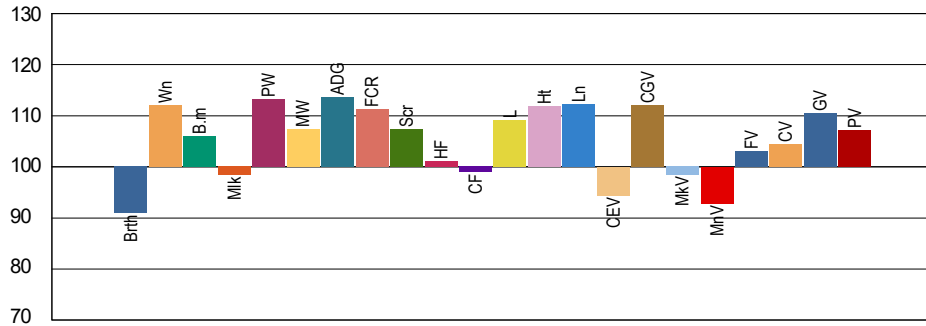
Calving ease:	Smaller calf at birth - easier calving
Calf growth:	Heavier calves at wean due to growth potential of the calf
Milk:	Cows with more milk and better mothering ability
Maintenance:	Animals with low maintenance requirements (lower mature weight).
Fertility:	Cows/daughters that calve earlier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

Genetic Windows

Bulls on the farm

Bulls born in 2023 and earlier

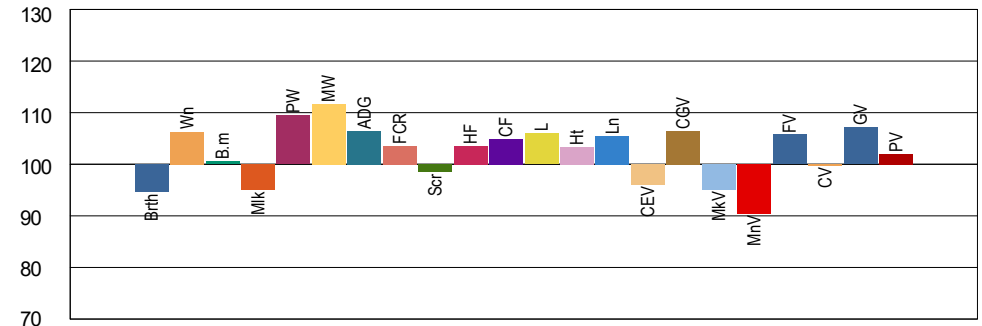
Total: 5



Cow Herd

Cows born in 2024 and earlier

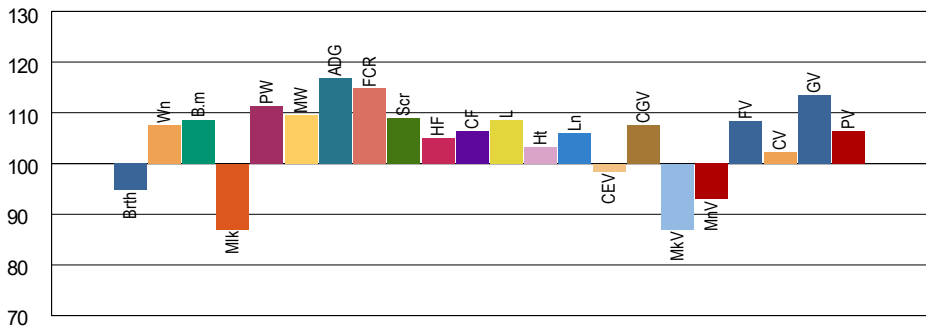
Total: 15



Sires of young animals

Sires of animals 3 years and younger

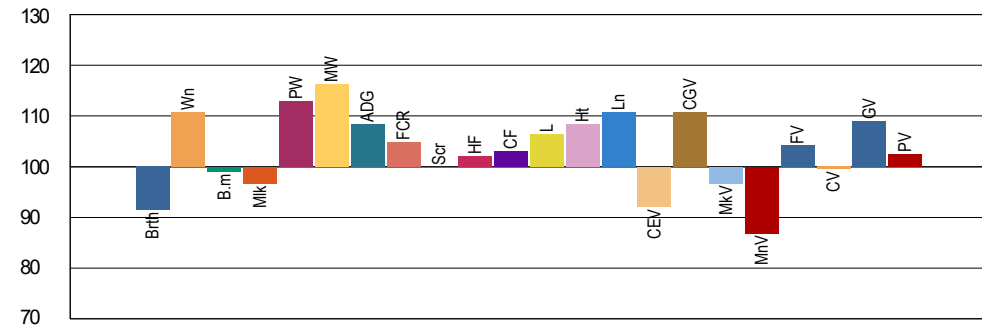
Total: 5



Cows older than 6 years

Cows born in 2020 and earlier

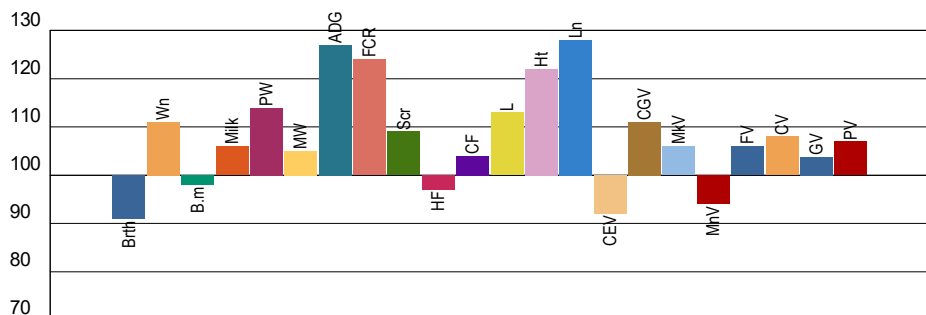
Total: 8



Bull calves

Bulls born in 2025

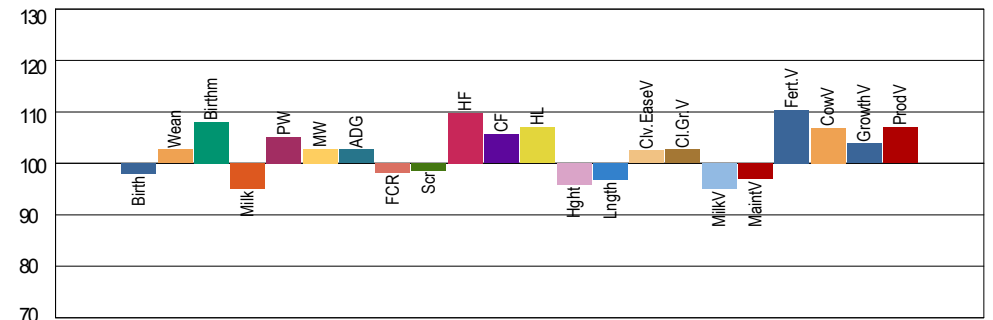
Total: 1



Heifer calves

Heifers born in 2025

Total: 6

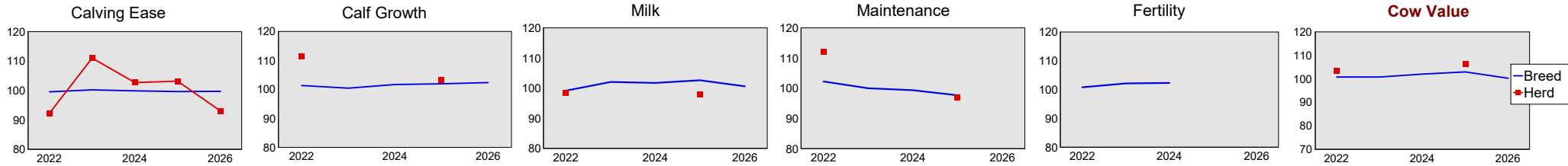


Summary of Cow Herd

			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	100	100	100	100	100	100	100	100
2015	1	★★★★★	93	108	110	95	109	111	127	119	91	108	102	110	116	103	121	108	94	101	115	98	115	119
2017	1	★★★★	114	102	78	91	104	98	106	100	111	102	106	78	102	109	107	102	108	108	96	107	117	119
2018	1	★★★★☆	75	112	100	68	101	80	109	85	73	112	100	100	115	143	104	103	75	99	95	112	94	96
2019	5	★★★★☆	91	113	97	88	104	101	106	103	91	113	97	97	114	115	107	105	105	102	104	107	108	110
2022	2	★★★★☆	102	88	107	112	109	104	92	100	104	88	94	107	93	88	87	84	72	106	103	110	90	91
2023	2	★★★★	97	108	89	84	110	98	109	101	94	108	102	89	112	120	111	110	109	108	110	106	98	102
2024	3	★★★★	102	106	87	90	105	99	112	103	98	106	108	87	110	111	112	109	105	103	108	103	103	103
2025	6	★★★★☆	103	103	95	97	110	107	104	107	98	103	108	95	105	103	103	98	99	110	106	107	96	97
2026	7	★★★★☆	97	114	84	86	106	100	107	102	93	114	106	84	115	116	109	106	105	103	103	110	109	111
Cows in Herd Average:			97	106	94	90	106	100	108	102	95	106	103	94	109	112	107	105	97	104	104	107	103	105

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.



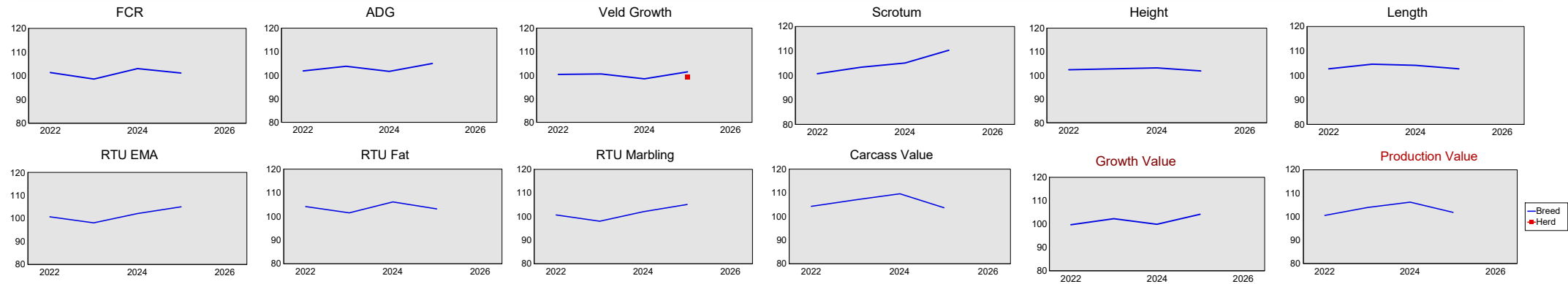
Herd

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		
2022	8	0.85	-0.13	92	6	5.0	111	6	0.08	98		2	-5	112							104
2023	4	-0.01	-0.51	111																	
2024	3	0.43	-0.40	103																	
2025	8	0.41	-0.41	103	8	2.4	103	8	0.02	98	6	5.4		97							107
2026	8	1.01	-0.31	93																	

Breed

Birth Year	Calving Ease				Calf Growth			Milk			Maintenance					Fertility							Cow Value	
	Birth Weight		Calv. Ease	Mat EBV	Weaning Weight		Calf Growth	Milk (Wn.Mat.)		Postwean Weight		Mature Weight		Mainte-nance	Heifer Fert.		Cow Fert.		Longevity		Ferti-lity			
	Number	Dir EBV			Number	EBV		Number	EBV	Number	EBV	Number	EBV		Number	EBV	Number	EBV	Number	EBV		Number		EBV
2016	5443	0.25	-0.17	101	1281	0.3	97	1281	0.23	99	592	1.5	529	4	104	2172	-0.3	1452	-0.1	9930	20.4	96	96	
2017	5493	0.27	-0.18	101	1761	0.5	98	1761	0.42	100	648	2.4	645	5	103	2363	0.4	1709	0.1	9984	21.7	96	96	
2018	5384	0.28	-0.21	101	1835	1.1	99	1835	0.52	100	828	3.5	705	5	103	2244	-0.6	1771	-0.3	10164	23.4	99	98	
2019	6007	0.27	-0.21	101	1830	1.1	100	1830	0.31	99	1030	3.8	813	4	103	2427	-0.7	1951	0.0	10086	24.2	98	98	
2020	6058	0.28	-0.21	101	2614	1.2	100	2614	0.41	100	1350	4.0	812	5	102	2473	-0.5	1903	-0.3	9714	25.5	99	100	
2021	6281	0.32	-0.24	101	2943	1.7	101	2943	0.38	99	1176	4.8	847	5	102	2722	-1.0	1752	-0.1	9450	26.3	100	101	
2022	7027	0.38	-0.21	100	3201	1.7	101	3201	0.30	99	1254	5.4	769	3	102	2616	-1.7	603	-0.4	4191	25.3	101	101	
2023	7776	0.34	-0.22	100	3889	1.5	100	3889	0.99	102	1553	4.8	92	4	100	1264	-1.9	7	1.3			102	101	
2024	8885	0.37	-0.21	100	3974	1.9	102	3974	0.92	102	1552	5.1			99	13	-1.1					102	102	
2025	9169	0.38	-0.20	100	3793	1.9	102	3793	1.13	103	219	5.6			98								103	
2026	4059	0.36	-0.18	100	96	2.1	102	96	0.67	101													100	

Genetic Trends for Growth Test and Carcass Traits



Herd

Birth Year	Growth												Frame						Carcass						Selection Values			
	FCR			ADG			Veld Growth			Scrotum			Height			Length			EMA			Fat		Marbling		Carcass Value	Growth Value	Prod Value
	Number	EBV	EBVi	Number	EBV	EBVi	Number	EBV	EBVi	Number	EBV	EBVi	Number	EBV	EBVi	Number	EBV	EBVi	RTU Number	EBV	EBVi	EBV	EBVi	EBV	EBVi			
2022																												
2023																												
2024																												
2025							6	-7	99																			
2026																												

Breed

Birth Year	Growth									Frame						Carcass						Selection Values							
	FCR			ADG			Veld Growth			Scrotum			Height			Length			RTU Number		EMA		Fat		Marbling		Cracss Value	Growth Value	Prod Value
	Number	EBV	EBVi	Number	EBV	EBVi	Number	EBV	EBVi	Number	EBV	EBVi	Number	EBV	EBVi	Number	EBV	EBVi	EBV	EBVi	EBV	EBVi	EBV	EBVi					
2017	19	-7	104	176	-5	99	447	-10	97	174	1.1	98	175	0	97	175	-1	98	118	-0.22	96	-0.31	98	-0.32	99	98	96	95	
2018	48	7	97	375	-4	99	458	-3	102	379	1.1	98	375	2	100	375	1	100	240	0.07	101	0.05	101	-0.33	98	98	96	99	
2019	37	7	97	455	-3	100	563	-6	100	432	1.4	99	456	3	101	462	1	101	348	-0.01	100	-0.29	98	-0.32	99	98	98	101	
2020	28	-7	104	580	0	102	722	-5	101	525	2.6	101	584	3	101	590	2	102	448	0.05	100	-0.22	99	-0.26	100	101	101	102	
2021	40	-6	103	557	-3	101	642	-5	101	537	1.7	99	557	2	101	560	1	101	331	0.16	102	-0.15	99	-0.24	100	102	99	100	
2022	67	-2	101	476	-1	102	795	-5	100	491	2.3	101	494	3	102	494	2	103	316	0.23	103	0.34	104	-0.19	101	104	100	101	
2023	29	3	99	476	2	104	1016	-5	101	510	3.7	103	508	3	103	510	3	105	195	0.59	109	0.08	102	-0.35	98	107	102	104	
2024	10	-6	103	476	-1	102	927	-8	99	463	4.6	105	462	4	103	463	3	104	159	0.55	108	0.52	106	-0.11	102	110	100	106	
2025	6	-2	101	12	4	105	188	-4	101	12	7.3	110	12	3	102	12	2	103	12	-0.11	98	0.23	103	0.07	105	104	104	102	
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	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	Vaid growth	FCR	Skin Thickn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling	Dress %	Nr measured	
ID Comp.nr																																		Birth	Wean
BH 110020 74852302		FN 060068 FN 080402	98 93	118 87	71 80	93 83	100 77	100 76	117 44	105 66	131 42	121 24 70	96 0.64 94	103 -0.7 89	107 13 83	118 7.3 87	71 -6.3 80	87 -41 83	119 14.3 62	115 19 43	111 11 22	112 -23 29	125 1.28 48	104 4.2 46	95 2.6 83	95 0.8 55	109 38.0 92	113 10 45	118 11.9 42	105 0.35 40	124 2.23 43	87 -1.03 40	109 0.12 42	41 16	16 29
BH 140178 81337552		TLM 050543 CI 070109	107 83	104 75	114 66	102 72	107 60	119 65	84 38	110 57	105 34	92 0 54	112 -0.41 84	95 0.1 79	96 3 72	104 2.6 75	114 3.9 66	116 23 71	104 6.1 50	78 -36 37	79 -38 23	57 86 24	91 -0.16 41	81 -7.4 40	100 -0.7 64	112 -2.3 40	106 35.2 75	87 -6 39	91 -4.6 36	115 0.97 33	105 0.43 36	102 -0.14 33	114 0.19 34	16 7	10 8
BH 160296 84689025		BH 110020 CI 060015	90 86	122 79	80 66	95 68	102 63	105 67	101 34	104 57	123 29	114 18 59	86 1.24 90	98 -0.2 79	105 11 68	122 8.6 79	80 -4.3 66	97 -19 71	120 14.9 48	100 -3 33	98 -9 18	92 16 19	120 1.07 34	100 2.0 33	92 4.0 69	104 -0.8 39	110 38.6 81	108 6 33	107 4.8 31	112 0.78 28	116 1.52 30	103 -0.04 28	114 0.18 29	34 4	8 10
BH 210718 92892652		JRS 160030 ED 150020	99 57	102 51	113 44	105 47	106 38	113 44	131 32	122 40	117 30	94 1 44	95 0.70 58	100 -0.3 54	94 1 47	102 1.9 51	113 3.5 64	115 19 47	109 8.9 30	131 42 31	106 3 10	124 -47 11	105 0.46 36	109 6.5 34	94 2.7 38	105 -0.9 52	115 42.4 52	115 11 34	119 12.6 30	104 0.25 29	95 -0.60 32	103 -0.04 29	103 0.04 30	1 1	1 1
CFH 110248 74487901		TLM 030021 CFH 060873	90 94	111 85	64 74	78 76	74 69	59 73	124 54	73 67	105 50	134 35 67	90 1.00 96	104 -0.8 87	130 33 76	111 4.8 85	64 -8.0 74	70 -80 78	114 11.9 46	134 47 53	95 -14 16	126 -51 32	110 0.67 62	119 11.7 59	73 16.1 72	84 2.9 47	92 24.4 88	127 18 58	121 13.7 51	97 -0.16 47	89 -1.16 53	95 -0.54 47	96 -0.05 50	104 2	25 10 17
DOC 160014 84636802		W 110036 AAA 080043	101 95	107 91	86 91	104 91	106 91	107 83	100 90	106 85	100 89	98 5 90	99 0.41 96	98 -0.2 93	95 2 91	107 3.6 9.7	86 -2.7 91	96 -21 91	104 6.3 90	101 -2 90	83 -32 89	93 13 89	113 0.79 90	84 -5.9 90	131 -20.7 91	90 1.7 93	97 28.5 93	103 4 90	101 1.2 90	116 1.05 89	98 -0.31 89	117 0.76 89	114 0.19 89	59 2	2 3
FN 110229 79471462		FN 050028 FN 040023	89 98	122 96	91 94	95 94	150 94	142 86	138 94	150 88	137 93	118 22 94	94 0.77 98	89 0.7 96	104 11 94	122 8.4 96	91 -1.7 94	106 -1 95	122 16.4 94	137 52 94	78 -40 93	128 -55 92	127 1.36 94	134 19.0 93	139 -26.1 94	151 -9.6 92	115 42.2 96	124 16 93	129 18.7 93	132 2.15 93	119 1.76 93	97 -0.43 93	134 0.44 93	125 15	78 12 18
FN 110335 80019441		FN 050028 FN 050371	104 95	97 97	106 89	94 90	113 75	108 81	117 90	113 84	112 74	113 18 68	102 0.20 97	122 -2.5 93	104 10 90	97 0.4 97	106 2.0 89	102 -10 92	98 2.7 88	120 27 89	71 -50 83	101 -1 33	140 1.91 94	109 6.8 93	114 -9.9 84	104 -0.7 50	107 36.0 92	90 -4 92	91 -4.7 88	105 0.32 70	121 1.96 77	132 1.65 70	108 0.10 74	122 45	178 37 82
GE 210049 92544907		FN 110335 GE 170047	109 71	101 71	98 57	88 57	112 46	107 56	109 50	109 54	100 39	119 22 46	104 0.12 77	119 -2.2 64	112 17 57	101 1.7 71	98 0.1 57	94 -25 62	104 6.1 54	109 10 49	93 -17 44	103 -6 18	124 1.26 52	111 7.6 51	111 -7.8 49	108 -1.5 29	106 35.4 60	90 -4 51	93 -3.6 48	93 -0.46 37	103 0.26 41	108 0.27 38	94 -0.08 39	11 7	7 7
JRS 160030 88809793		TJP 080004 JRS 090028	102 83	94 69	117 56	121 60	98 57	113 60	129 47	121 56	99 45	77 -13 53	96 0.59 86	97 -0.1 74	80 -11 60	94 -0.8 69	117 4.6 56	120 31 62	101 4.3 42	132 45 46	111 11 16	134 -68 19	91 -0.16 55	119 11.7 52	91 4.6 60	94 1.0 35	117 43.9 77	107 6 50	109 6.2 44	92 -0.53 42	80 -2.03 48	93 -0.65 43	89 -0.13 45	19 2	8 3 5
L 090005 77300523		TLM 050543 CFH 060751	117 88	96 86	100 79	94 80	91 64	96 72	92 39	93 62	104 34	105 11 64	113 -0.51 90	124 -2.7 85	104 11 80	96 0.0 86	100 0.4 79	95 -23 82	93 0.2 42	91 -16 38	82 -34 20	76 47 22	91 -0.13 44	96 -0.3 42	88 6.5 64	106 -1.2 44	92 24.1 83	78 -11 41	88 -6.7 37	119 1.25 33	118 1.67 36	100 -0.22 33	120 0.26 34	36 13	29 33
MC 100028 70535927		FN 050035 CFH 050571	119 94	97 93	50 92	80 92	112 90	84 83	117 89	92 85	86 88	122 25 89	114 -0.55 94	128 -3.0 93	128 31 92	97 0.4 93	50 -11.4 92	52 -119 92	105 7.0 88	118 24 89	112 12 88	121 -40 86	95 0.03 90	112 8.0 90	107 -5.1 89	121 -3.9 87	101 31.2 93	93 -2 90	93 -3.5 89	74 -1.68 87	71 -2.95 88	71 -1.93 87	71 -0.36 88	25 6	18 12 36
MHB 040010 61296125		K6K1711 KPO615	106 95	100 94	114 94	84 94	100 92	100 84	129 93	110 87	134 92	127 29 93	107 -0.10 95	107 -1.1 95	117 22 94	100 1.3 94	114 3.9 94	104 -5 94	104 11.6 92	125 34 93	106 4 89	107 -14 89	134 1.66 94	93 -1.3 94	92 4.3 91	107 -1.5 90	92 24.2 95	115 11 94	126 16.8 92	101 0.11 92	112 1.09 93	120 0.98 92	104 0.05 92	9 17	8 18 58
SOL 220003 94866977		BH 160296 BH 170148	90 86	133 84	74 81	82 82	106 81	107 75	107 79	108 76	144 79	139 39 81	84 1.39 88	107 -1.1 84	123 27 82	133 12.1 84	74 -5.8 81	92 -30 82	129 19.9 80	113 16 79	94 -15 78	105 -9 78	120 1.08 79	112 8.0 79	99 -0.3 81	101 42.8 79	115 16 76	124 17 79	127 17.5 79	120 1.34 79	130 2.82 79	106 0.14 79	124 0.31 79	8 8	8 8

Sires

Bull			Selection Values									Birth			Wean				Grwth & Adaptation					Fertility				Raam		Carcass				Progeny																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
Index EBV Acc	ID Comp.nr	Genomic	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	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	Dress %	Nr measured																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
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Breeding Values and Accuracies: Bulls

Inbreeding in red is high

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

Animal				Selection Value										Birth			Wean				Growth & Adaptation					Fertility				Frame		Carcass					
ID	Inbreeding	Genomic	Index EBV Acc	Sire ID	Dam ID	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean 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	Dress %
BH 210718				JRS 160030		99	102	113	105	106	113	110	131	122	117	94	95	100	94	102	113	115	109	131	106	124	105	109	94	105	115	115	119	104	95	103	103
92892652				ED 150020		57	51	44	47	38	44	50	32	40	30	1	0.70	-0.3	1	1.9	3.5	19	8.9	42	3	-47	0.5	6.5	2.7	-0.9	42.4	11	13	0.25	-0.60	-0.04	0.04
																44	58	54	47	51	44	47	30	31	10	11	36	34	38	23	52	34	30	29	32	29	30
GE 210049				FN 110335		109	101	98	88	112	107	98	109	109	100	119	104	119	112	101	98	94	104	109	93	103	124	111	111	108	106	90	93	93	103	108	94
92544907				GE 170047		71	71	57	57	46	56	67	50	54	39	22	0.12	-2.2	17	1.7	0.1	-25	6.1	10	-17	-6	1.3	7.6	-7.8	-1.5	35.4	-4	-4	-0.46	0.26	0.27	-0.08
																46	77	64	57	71	57	62	54	49	44	18	52	51	49	29	60	51	48	37	41	38	39
SOL 220002				W 160018		96	111	106	97	95	104	112	94	101	113	109	92	100	101	111	106	112	108	95	101	98	121	94	104	83	107	117	109	116	110	123	117
94884962				HOT 190037		85	84	82	82	81	75	84	81	77	80	14	0.89	-0.4	8	4.8	2.0	13	8.7	-11	-4	5	1.1	-1.1	-3.8	3.0	36.1	12	6	1.10	0.90	1.15	0.22
																81	86	84	82	84	82	83	81	81	79	79	82	81	81	80	82	81	81	80	80	80	80
SOL 220003				BH 160296		90	133	74	82	106	107	112	107	108	144	139	84	107	123	133	74	92	129	113	94	105	120	112	99	101	115	124	127	120	130	106	124
94866977				BH 170148		86	84	81	82	81	75	84	79	76	79	39	1.39	-1.1	27	12.1	-5.8	-30	19.9	16	-15	-9	1.1	8.0	-0.3	-0.3	42.8	16	17	1.34	2.82	0.14	0.31
																81	88	84	82	84	81	82	80	79	78	78	79	79	81	79	82	79	79	79	79	79	79
SOL 230003				VST 130110		78	113	101	92	96	91	105	111	96	115	111	80	87	107	113	101	106	116	120	98	126	117	111	97	98	103	113	113	99	114	107	102
95918546				JJP 190026		59	51	47	51	40	45	52	42	44	40	15	1.64	0.9	13	5.4	0.8	0	12.8	26	-9	-52	1.0	7.8	1.2	0.4	33.2	9	9	-0.04	1.28	0.17	0.02
																47	60	56	51	51	47	50	36	42	18	35	47	45	40	28	51	44	41	39	42	39	40
SOL 250010				BH 210718		92	111	106	94	106	108	110	124	116	132	110	91	96	105	111	106	110	114	127	100	124	115	109	97	104	113	122	128	118	102	112	118
98990096				HOT 190037		60	61	39	42	30	44	55	28	39	27	15	0.94	0.0	11	4.9	1.9	9	11.9	36	-6	-47	0.9	6.5	0.8	-0.8	40.6	15	18	1.18	0.11	0.48	0.23
																39	66	52	42	61	39	47	25	28	12	19	31	30	30	20	40	29	27	26	28	26	27
SOL 260004				SOL 220003		88	116	102	88	102	104	111			120	118	86	99	112	116	102	107	116	99	94	90	108	88	97	100	113	107	108	112	115	100	114
6020433600				SOL 220006		60	45	36	42	29	39	46			16	22	1.26	-0.3	18	6.7	0.9	2	12.6	-4	-15	20	0.6	-4.2	1.2	0.0	40.7	6	6	0.79	1.44	-0.22	0.18
																38	67	51	42	45	36	41	23	17	10	11	18	18	31	19	37	18	17	15	16	15	16
SOL 260010				SOL 220003		95	123	81	81	118	112	107	116	116	135	135	92	108	124	123	81	91	122	120	87	110	119	116	109	116	114	120	124	124	121	104	126
6020668288				FN 190189		61	44	38	43	32	40	46	26	36	21	36	0.90	-1.2	27	8.8	-3.9	-32	16.3	26	-25	-19	1.0	10.1	-6.5	-3.0	41.9	13	15	1.59	1.99	0.01	0.34
																39	67	53	43	44	38	42	28	25	19	12	26	24	33	21	41	25	22	20	22	20	21

Breeding Values and Accuracies: Cows & Heifers

Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass					
ID	% Inbreeding	Genomic Parentage	Index EBV Acc	Sire ID	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling	Dress %	
Animal no				Dam ID																																	
ED 150020	1	MHB 040010		ED 120206	93	108	110	95	109	111	111	127	119	122	106	91	98	103	108	110	112	116	121	106	108	119	94	101	115	98	115	119	103	109	113	105	
83681478					72	63	68	72	48	58	66	43	53	42	11	0.96	-0.2	9	4.1	2.8	14	12.8	28	4	-15	1.0	-1.1	-1.5	-2.9	28.9	11	12	0.23	0.85	0.53	0.07	
																69	68	74	72	63	68	68	40	43	11	13	46	45	48	30	66	44	42	40	43	40	42
BH 170148	3	BH 110020		NBOR070159	114	102	78	91	104	98	91	106	100	127	123	111	114	109	102	78	81	102	107	102	102	115	108	108	96	107	117	119	103	130	104	107	
85415651					75	61	65	72	54	59	65	36	52	34	26	-0.34	-1.7	15	2.0	-4.6	-55	5.3	8	-3	-4	0.8	6.1	-6.3	0.6	36.0	12	12	0.19	2.83	0.01	0.10	
																69	71	75	72	61	65	66	44	36	20	24	39	38	58	39	66	37	35	33	35	33	34
BH 180219	6	TF 120006		BH 150209	75	112	100	68	101	80	98	109	85	105	139	73	103	143	112	100	91	115	104	109	103	102	75	99	95	112	94	96	102	107	98	103	
87998233					73	52	56	68	48	53	58	31	46	28	39	2.10	-0.7	44	5.4	0.4	-32	12.1	2	7	-5	0.3	-10.8	-0.4	0.8	40.1	-1	-2	0.16	0.61	-0.32	0.04	
																64	73	72	68	52	56	59	32	31	15	18	34	33	53	31	59	32	30	27	29	27	28
BH 190368		DOC 160014		DOC 170001	97	106	72	117	103	103	98	94	100	91	88	95	94	87	106	72	88	106	89	104	87	110	80	111	95	106	94	92	102	98	111	101	
89520860					75	49	58	68	39	52	57	26	44	23	-4	0.71	0.2	-5	3.4	-6.1	-40	7.6	-20	0	27	0.6	-8.0	-8.1	0.9	35.3	-1	-4	0.13	-0.26	0.42	0.02	
															61	74	73	68	49	58	58	29	25	14	14	28	27	36	23	57	27	25	22	24	22	23	
BH 190733		L 090005		NBOR070134	101	106	120	71	90	92	109	87	88	105	135	101	112	135	106	120	104	107	86	89	80	105	102	93	91	104	90	97	113	120	105	115	
90995424					68	59	61	69	47	55	62	34	49	30	36	0.31	-1.5	37	3.2	5.3	-3	7.7	-24	-23	39	0.5	2.9	3.2	1.5	33.7	-4	-1	0.85	1.91	0.06	0.19	
															64	65	69	69	59	61	63	34	33	18	21	37	36	47	32	62	35	32	28	31	29	30	
FN 190189		FN 110229		MAX 150006	96	116	89	80	131	118	103	126	125	126	131	95	107	124	116	89	93	119	126	81	115	118	120	118	131	113	115	120	128	113	102	129	
90389131					71	61	61	70	48	56	64	44	52	36	33	0.70	-1.1	28	6.6	-2.0	-29	14.4	35	-35	-29	1.0	12.1	-12.6	-5.8	41.0	11	13	1.85	1.16	-0.12	0.37	
															63	68	72	70	61	61	64	46	44	36	19	45	42	49	32	62	42	38	34	38	34	36	
HOT 190037	1	VST 130110		W 120098	80	116	102	93	110	107	110	104	107	120	116	83	86	106	116	102	110	117	107	104	113	121	99	107	104	110	111	114	107	109	119	109	
89215164					76	70	62	70	47	59	70	46	55	44	20	1.46	1.0	12	6.7	1.0	9	13.7	7	0	-26	1.1	1.6	-5.4	-0.8	38.9	9	9	0.50	0.85	0.89	0.12	
																63	76	74	70	70	62	67	42	46	21	36	50	49	47	34	61	48	44	42	45	42	44
JJP 190026		CFH 110248		JJP 150012	81	120	102	80	85	87	110	118	95	113	120	83	95	123	120	102	105	121	127	99	131	108	122	79	98	101	131	129	102	88	102	100	
89683312					76	53	56	69	44	54	59	33	48	30	23	1.44	0.1	27	7.8	1.0	-3	15.8	37	-8	-62	0.6	13.3	12.4	0.2	31.2	20	19	0.12	-1.25	-0.13	0.00	
															61	75	74	69	53	56	59	28	32	9	24	38	36	43	29	60	35	31	29	32	29	30	
SOL 220005		WPB 180005		BH 190368	113	79	84	129	118	107	82	91	103	83	74	115	91	73	79	84	83	86	88	122	93	91	80	118	108	109	90	93	92	86	104	91	
94882388					85	82	80	83	78	74	82	77	75	77	-15	-0.63	0.5	-17	-5.8	-3.3	-50	-3.7	-21	27	15	-0.1	-8.3	-12.7	-1.6	37.7	-4	-3	-0.48	-1.45	0.00	-0.12	
																82	85	84	83	82	80	82	78	77	77	77	77	78	77	80	77	77	77	77	77	77	77
SOL 220006	2	BH 140178		BH 180219	91	96	129	95	99	100	107	92	97	95	98	93	92	102	96	129	120	99	85	94	75	95	64	94	98	110	90	89	104	101	94	103	
94866993					86	84	82	85	81	75	84	80	76	79	5	0.78	0.4	8	0.0	7.5	31	3.2	-25	-16	50	0.0	-16.4	2.7	0.2	38.5	-4	-6	0.25	0.06	-0.58	0.05	
																84	86	86	85	84	82	84	80	80	79	79	80	80	81	80	82	80	79	79	79	79	79
SOL 230002	2	VST 130110		FN 190189	86	111	95	92	119	107	101	115	111	122	116	86	93	108	111	95	100	115	119	89	118	122	110	116	114	109	105	109	112	126	107	116	
95918553					58	53	48	52	41	46	53	44	45	42	20	1.27	0.3	14	4.8	-0.7	-13	12.0	26	-22	-35	1.2	7.2	-11.3	-2.6	38.0	5	6	0.83	2.49	0.17	0.21	
																47	58	56	52	53	48	51	40	44	25	34	48	46	42	30	52	46	42	40	44	40	42
SOL 230007	2	MC 100028		BH 190733	107	105	82	76	101	88	90	102	90	96	128	102	118	131	105	82	79	109	102	100	101	100	107	100	106	102	91	95	93	95	88	93	
96517040					63	51	50	53	40	47	53	36	44	26	30	0.20	-2.1	34	3.0	-3.7	-60	9.2	0	-5	-2	0.2	5.4	-1.0	-1.2	32.5	-3	-2	-0.41	-0.52	-0.94	-0.09	
																45	67	59	53	51	50	51	33	36	27	14	41	40	40	26	53	39	35	25	28	25	26

Breeding Values and Accuracies: Cows & Heifers

Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass				
ID Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thickn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling	Dress %
SOL 240001 96882766	2	MC BH	100028 190368		110 58	102 49	58 49	94 53	107 38	90 45	80 51	105 36	93 42	89 24	105 10	104 0.08	113 -1.6	107 13	102 1.9	58 -9.5	66 -88	106 7.3	103 2	108 6	104 -8	102 0.3	96 0.0	109 -6.6	108 -1.5	103 33.2	94 -2	93 -4	88 -0.77	84 -1.60	91 -0.75	86 -0.17
SOL 240003 97928196		GE ED	210049 150020		101 59	106 47	104 44	92 46	111 33	110 42	106 49	118 32	115 39	111 28	112 17	96 0.63	108 -1.1	107 13	106 3.2	104 1.5	104 -4	111 10.0	115 19	100 -7	106 -11	121 1.1	103 3.3	106 -4.7	112 -2.2	102 32.2	103 4	106 4	98 -0.12	106 0.56	111 0.40	99 -0.01
SOL 240004 97928204	1	GE JJP	210049 190026		96 52	111 44	100 40	84 45	98 32	98 39	104 45	113 30	102 36	106 25	119 23	93 0.78	106 -1.0	118 22	110 4.7	100 0.5	100 -14	113 10.9	118 23	96 -13	118 -34	116 0.9	117 10.4	95 2.3	103 -0.6	103 33.3	111 8	111 7	97 -0.17	96 -0.50	105 0.07	97 -0.04
SOL 250003 98766934		GE ED	210049 150020		97 61	100 63	107 45	99 46	112 34	109 47	103 58	112 32	112 42	101 28	104 10	92 0.90	102 -0.6	99 6	100 1.4	107 2.3	107 2	106 7.0	109 10	104 0	101 -1	120 1.1	99 1.3	109 -6.5	112 -2.3	102 32.2	96 -1	97 -1	89 -0.69	107 0.57	110 0.36	91 -0.11
SOL 250004 98766942	2	GE SOL	210049 220006		96 59	125 61	106 40	86 44	104 31	119 44	125 55	105 28	118 39	105 22	116 20	89 1.04	109 -1.2	114 19	125 9.7	106 1.9	115 20	116 12.7	102 0	90 -22	93 14	111 0.7	90 -2.8	100 -1.1	103 -0.6	108 36.9	96 0	98 -1	104 0.31	102 0.15	107 -0.13	105 0.06
SOL 250005 98766959	2	GE BH	210049 170148		119 62	76 63	95 44	114 46	111 36	101 47	81 58	98 30	99 42	96 26	99 5	115 -0.59	110 -1.4	88 -3	76 -6.6	95 -0.7	84 -48	82 -5.9	97 -8	106 2	94 12	117 1.0	103 3.3	115 -10.6	103 -0.6	107 35.9	91 -3	89 -6	81 -1.21	117 1.57	105 0.07	85 -0.19
SOL 250006 98766967	1	GE SOL	210049 220005		110 59	94 60	91 39	101 44	115 29	106 44	91 55	99 26	104 39	90 21	102 8	107 -0.11	107 -1.0	98 5	94 -0.8	91 -1.7	89 -36	100 4.0	97 -7	108 6	97 6	107 0.5	95 -0.7	115 -10.6	108 -1.6	107 36.4	89 -5	91 -5	91 -0.57	95 -0.59	106 0.13	91 -0.12
SOL 250007 98766975	1	GE BH	210049 190368		105 61	99 61	87 41	96 45	108 31	99 45	92 56	98 28	99 40	91 23	107 12	100 0.34	107 -1.1	103 9	99 1.1	87 -2.6	88 -39	105 6.8	95 -10	101 -5	93 15	116 0.9	94 -1.2	112 -8.9	101 -0.3	106 35.2	89 -5	88 -7	93 -0.42	101 0.01	109 0.33	94 -0.08
SOL 250011 6020116734	1	SOL SOL	220003 230002		88 46	122 42	84 34	86 36	112 30	107 35	107 41	111 26	110 32	133 24	127 29	85 1.33	101 -0.4	115 20	122 8.4	84 -3.2	96 -22	122 16.0	116 21	92 -19	111 -22	121 1.1	111 7.6	108 -5.8	107 -1.5	112 40.4	114 10	118 12	116 1.08	128 2.65	107 0.16	120 0.26
SOL 260002 6020434400	5	SOL BH	220003 180219		83 51	123 41	87 37	74 42	103 32	93 37	105 42	108 20	96 32	124 18	139 39	79 1.74	105 -0.9	133 42	123 41	87 37	92 40	122 16.0	108 9	101 -4	111 -7	104 0.7	93 -1.4	99 -0.4	98 0.3	114 41.5	109 7	112 8	111 0.75	118 1.72	102 -0.09	114 0.18
SOL 260005 6020433618	1	SOL JJP	220003 190026		79 62	131 42	89 37	81 42	95 31	98 40	115 45	112 20	102 34	128 19	129 31	76 1.88	98 -0.2	123 27	131 11.6	89 -2.2	102 -8	130 20.6	120 26	96 -12	118 -36	114 0.8	117 10.6	89 6.0	100 0.0	108 37.0	128 18	128 18	111 0.73	109 0.78	104 0.01	112 0.16
SOL 260008 6020542400	7	GE SOL	210049 240001		111 46	101 43	78 38	91 39	110 30	100 36	90 42	107 30	102 34	94 23	112 16	104 0.10	116 -1.9	109 15	101 1.8	78 -4.7	80 -56	105 6.7	106 6	100 -6	104 -7	113 0.8	104 3.8	110 -7.2	108 -1.5	105 34.3	92 -3	93 -4	90 -0.62	94 -0.67	100 -0.24	90 -0.13

Breeding Values and Accuracies: Cows & Heifers

														Value <80				Value >120				Breeding values with an accuracy < 5% are not printed															
Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass					
ID	Inbreeding	Genomic	Index	Sire ID	Dam ID	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -brth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thicken	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling	Dress %
SOL 260009	33			SOL 220003	BH 170148	110	111	75	86	105	101	97	107	103	136	131	106	114	116	111	75	82	110	110	98	103	117	110	104	99	111	121	123	111	130	105	116
6020668270						62	44	40	44	35	41	46	22	35	20	32	-0.02	-1.8	21	5.1	-5.4	-52	9.5	12	-9	-6	1.0	7.1	-3.3	0.2	39.4	14	15	0.76	2.83	0.07	0.21
																41	68	54	44	44	40	43	28	22	12	15	23	23	37	24	43	22	21	20	21	20	20
SOL 260011	1			SOL 220003	SOL 220005	99	108	79	102	112	106	98			114	106	97	99	98	108	79	90	109	101	108	99	105	96	109	105	112	107	110	106	108	105	107
6020691694						60	44	35	41	27	39	45			14	12	0.58	-0.3	5	3.9	-4.5	-35	9.3	-2	6	3	0.5	-0.1	-6.5	-0.9	40.3	6	7	0.43	0.69	0.07	0.10
																38	67	51	41	44	35	40	20	15	8	9	16	16	27	17	36	16	15	13	14	13	14
SOL 260012				SOL 220003	HOT 190037	88	123	87	87	108	106	110	105	107	132	127	86	98	114	123	87	99	121	110	99	109	121	106	103	102	113	118	120	114	120	113	116
6020668296						62	47	39	43	32	41	48	26	36	25	29	1.23	-0.2	19	8.7	-2.5	-15	15.7	12	-8	-17	1.1	4.8	-2.9	-0.5	40.9	12	13	0.92	1.84	0.52	0.21
																39	69	53	43	47	39	43	26	26	13	20	28	27	32	22	41	27	25	24	26	24	25
SOL 260013	8			GE 210049	SOL 230007	110	103	90	82	107	98	94	105	100	98	124	103	118	122	103	90	86	107	106	97	102	112	109	105	107	104	91	94	93	99	98	93
6020841539						48	44	38	39	31	37	43	30	35	24	26	0.16	-2.1	26	2.3	-1.8	-43	7.6	5	-11	-4	0.7	6.5	-4.4	-1.4	33.9	-3	-3	-0.44	-0.13	-0.34	-0.08
																32	51	44	39	44	38	40	32	30	26	11	33	32	32	20	40	32	30	22	25	23	24

Selection List on Cow Value

Bulls 2 years and older

ID Sorted on ID		Name	Sire ID	Dam ID	% Inbreeding	Horned / Polled	Myostatin			Genomic test	Calving Ease Value Acc	Calf Growth Value Acc	Milk Value Acc	Maint. Value Acc	Fertility Value Acc	Cow Value Acc	Weaner Calf Value Acc	Growth Value Acc	Prod Value Acc	Carcass Value Acc
											★★★★★									
1	BH 210718	CLEVELAND	JRS 160030	ED 150020	0.3						9957	10251	11344	10547	10638	11344	11050	13132	12240	11730
											★★★★☆									
1	GE 210049	GE210049	FN 110335	GE 170047	0.4						10971	10171	9857	8857	11246	10756	9867	10950	10954	10039
2	SOL 220002	HELIOS	W 160018	HOT 190037	0.0	HH	0	0	0		9685	11184	10682	9782	9581	10475	11284	9481	10177	11380
3	SOL 220003	BAKKIES	BH 160296	BH 170148	13.7	HH	0	0	0		9086	13384	7481	8282	10681	10775	11284	10779	10876	14479
											★★★									
1	SOL 230003	JASON	VST 130110	JJP 190026	1.2						7859	11351	10147	9251	9640	9145	10552	11142	9644	11540

Selection List on Cow Value

Cows 2 years and older

ID Sorted on ID	Name	Sire ID	Dam ID	% Inbreeding	Horned / Polled	Myostatin				Genomic test	Calving Ease Value Acc	Calf Growth Value Acc	Milk Value Acc	Maint. Value Acc	Fertility Value Acc	Cow Value Acc	Weaner Calf Value Acc	Growth Value Acc	Prod Value Acc	Carcass Value Acc										
										★★★★★																				
1	ED 150020	CLEO	MHB 040010	ED 120206	1.1						93	72	108	63	110	68	95	72	109	48	111	58	111	66	127	43	119	53	122	42
2	FN 190189	GRACE	FN 110229	MAX 150006	0.0						96	71	116	61	89	61	80	70	131	48	118	56	103	64	126	44	125	52	126	36
3	SOL 240003	CLEOPATRA	GE 210049	ED 150020	0.3						101	59	106	47	104	44	92	46	111	33	110	42	106	49	118	32	115	39	111	28
										★★★★☆																				
1	BH 190368	ORCHID	DOC 160014	DOC 170001	0.4						97	75	106	49	72	58	117	68	103	39	103	52	98	57	94	26	100	44	91	23
2	HOT 190037	HEIDI	VST 130110	W 120098	0.8						80	76	116	70	102	62	93	70	110	47	107	59	110	70	104	46	107	55	120	44
3	SOL 220005	OLYMPIA	WPB 180005	BH 190368	0.5	HH	0	0	0		113	85	79	82	84	80	129	83	118	78	107	74	82	82	91	77	103	75	83	77
4	SOL 220006	ATHENA	BH 140178	BH 180219	1.6	HH	0	0	0		91	86	96	84	129	82	95	85	99	81	100	75	107	84	92	80	97	76	95	79
5	SOL 230002	GRIETJIE	VST 130110	FN 190189	1.6						86	58	111	53	95	48	92	52	119	41	107	46	101	53	115	44	111	45	122	42
										★★★★★																				
1	BH 170148	FRECKLES	BH 110020	NBOR070159	3.1						114	75	102	61	78	65	91	72	104	54	98	59	91	65	106	36	100	52	127	34
2	BH 190733	WINNIE	L 090005	NBOR070134	0.2						101	68	106	59	120	61	71	69	90	47	92	55	109	62	87	34	88	49	105	30
3	SOL 240001	OPHELIA	MC 100028	BH 190368	1.7						110	58	102	49	58	49	94	53	107	38	90	45	80	51	105	36	93	42	89	24
4	SOL 240004	JUDE	GE 210049	JJP 190026	0.6						96	52	111	44	100	40	84	45	98	32	98	39	104	45	113	30	102	36	106	25
										★★★★☆																				
1	BH 180219	ALICIA	TF 120006	BH 150209	5.7						75	73	112	52	100	56	68	68	101	48	80	53	98	58	109	31	85	46	105	28
2	JJP 190026	JJP 190026	CFH 110248	JJP 150012	0.0						81	76	120	53	102	56	80	69	85	44	87	54	110	59	118	33	95	48	113	30
3	SOL 230007	WILMIEN	MC 100028	BH 190733	2.1						107	63	105	51	82	50	76	53	101	40	88	47	90	53	102	36	90	44	96	26

Selection List on Cow Value
Bull calves younger than 2 years

ID Sorted on ID		Name	Sire ID	Dam ID	Visual Score % Inbreeding	Horned / Polled	Myostatin nt821 F94L Q204X			Genomic test	Calving Ease Value Acc	Calf Growth Value Acc	Milk Value Acc	Maint. Value Acc	Fertility Value Acc	Cow Value Acc	Weaner Calf Value Acc	Growth Value Acc	Prod Value Acc	Carcass Value Acc
											★★★★★									
1	SOL 260010	GABRIEL	SOL 220003	FN 190189	1.1						9561	12344	8138	8143	11832	11240	10746	11626	11636	13521
											★★★★☆									
1	SOL 250010	HASHAAN	BH 210718	HOT 190037	0.8						9260	11161	10639	9442	10630	10844	11055	12428	11639	13227
2	SOL 260004	APOLLO	SOL 220003	SOL 220006	5.3						8860	11645	10236	8842	10229	10439	11146			12016

Selection List on Cow Value

Heifers younger than 2 years

ID	Name	Sire ID	Dam ID	Visual Score	Horned / Polled	Myostatin	Genomic test	Calving Ease Value	Calf Growth Value	Milk Value	Maint. Value	Fertility Value	Cow Value	Weaner Calf Value	Growth Value	Prod Value	Carcass Value										
Sorted on ID				% Inbreeding		nt821 F94L Q204X		Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc										
								★★★★★																			
1	SOL 250004	AGATHA	GE 210049	SOL 220006	2.5			96	59	125	61	106	40	86	44	104	31	119	44	125	55	105	28	118	39	105	22
								★★★★★☆☆																			
1	SOL 250003	CALYPSO	GE 210049	ED 150020	0.3			97	61	100	63	107	45	99	46	112	34	109	47	103	58	112	32	112	42	101	28
2	SOL 250005	FAY	GE 210049	BH 170148	1.9			119	62	76	63	95	44	114	46	111	36	101	47	81	58	98	30	99	42	96	26
3	SOL 250006	OCEAN	GE 210049	SOL 220005	0.9			110	59	94	60	91	39	101	44	115	29	106	44	91	55	99	26	104	39	90	21
4	SOL 250011	GAMORA	SOL 220003	SOL 230002	0.6			88	46	122	42	84	34	86	36	112	30	107	35	107	41	111	26	110	32	133	24
5	SOL 260008	ODETTE	GE 210049	SOL 240001	7.1			111	46	101	43	78	38	91	39	110	30	100	36	90	42	107	30	102	34	94	23
6	SOL 260009	FORTUNA	SOL 220003	BH 170148	32.6			110	62	111	44	75	40	86	44	105	35	101	41	97	46	107	22	103	35	136	20
7	SOL 260011	OPAL	SOL 220003	SOL 220005	1.2			99	60	108	44	79	35	102	41	112	27	106	39	98	45					114	14
8	SOL 260012	HELENA	SOL 220003	HOT 190037	0.0			88	62	123	47	87	39	87	43	108	32	106	41	110	48	105	26	107	36	132	25
								★★★★★																			
1	SOL 250007	OLIVE	GE 210049	BH 190368	1.3			105	61	99	61	87	41	96	45	108	31	99	45	92	56	98	28	99	40	91	23
2	SOL 260002	ASHOKA	SOL 220003	BH 180219	5.2			83	51	123	41	87	37	74	42	103	32	93	37	105	42	108	20	96	32	124	18
3	SOL 260005	JIANA	SOL 220003	JJP 190026	0.9			79	62	131	42	89	37	81	42	95	31	98	40	115	45	112	20	102	34	128	19
4	SOL 260013	WISP	GE 210049	SOL 230007	7.9			110	48	103	44	90	38	82	39	107	31	98	37	94	43	105	30	100	35	98	24

