

BORAN

GENOMIC BREEDING VALUE REPORT

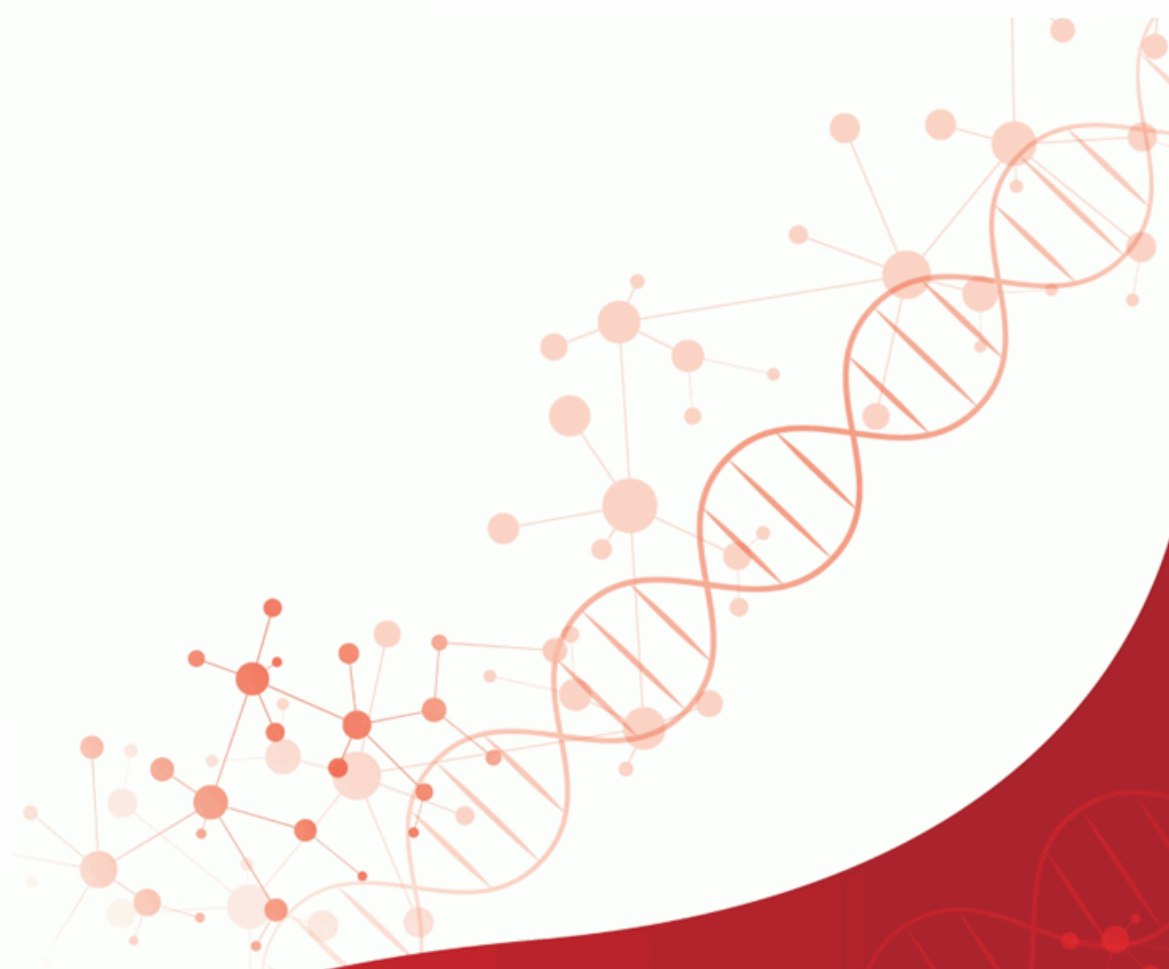
September 2026



EMERALD HILL FARM

Herd Number: 679902

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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

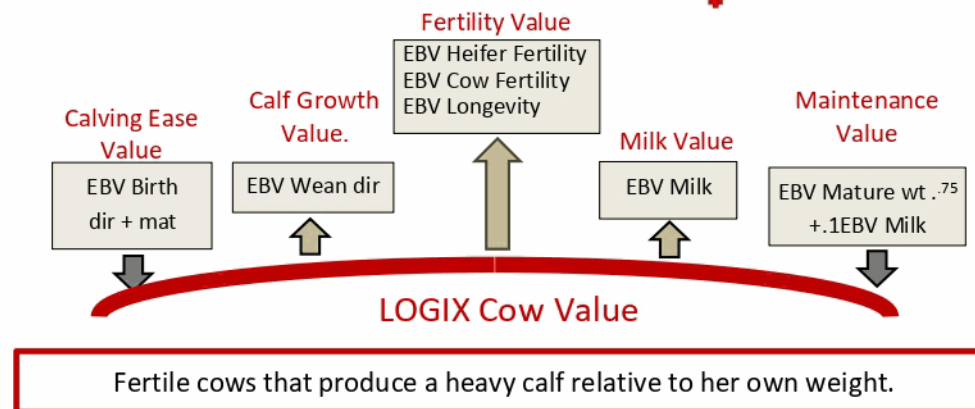
EBVi (Breeding Value Index): Genetic potential relative to the average (100) of the live animals in the breed. Roughly 50% of the animals have values between 90 and 110. Values above 100 tend to be in the more favourable direction.

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

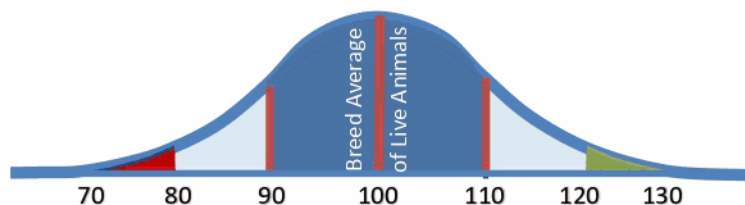
Growers are usually heavier at birth (lower Calving Ease Value), and maturity (lower Maintenance Value).

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

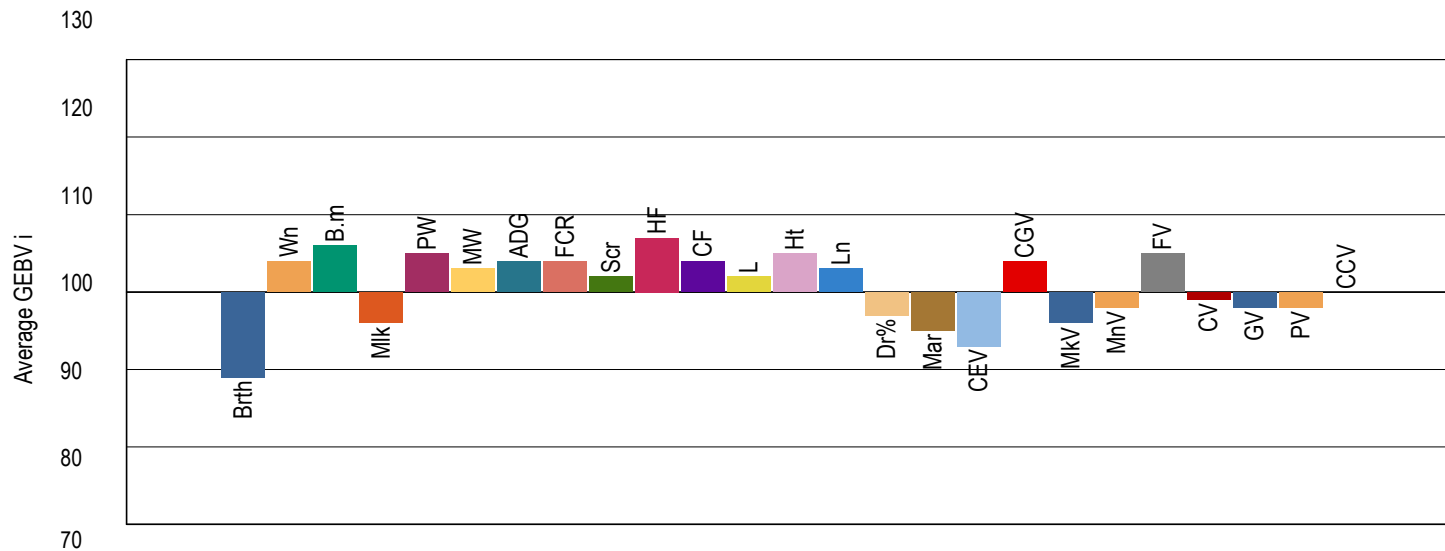


Examples

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	1.04	89	0.35
	Wean Weight	2.5	104	1.3
	Birth Mat.	-0.40	106	-0.21
	Milk (Wn.Mat.)	-0.4	96	0.5
Postwean Growth	Postwean Wt	6.8	105	4.0
	Mature Weight	9	103	7
	ADG	2	104	-3
	FCR	-8	104	0
Fertility	Scrotal Circumf.	3.2	102	2.0
	Heifer Fertility	-5.6	107	-1.0
	Cow Fertility	-0.8	104	-0.1
	Longevity	31.8	102	30.6
Frame	Height	5	105	2
	Length	2	103	1
Carcass	Dressing%	-0.03	97	0.00
	Marbling	-0.53	95	-0.23

Selection Value	Ave. Herd
Calving Ease	93
Calf Growth	104
Milk	96
Maintenance	98
Fertility	105
Cow Value	99
Growth Value	98
Production Value	98
Carcass Value	100

- 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?:

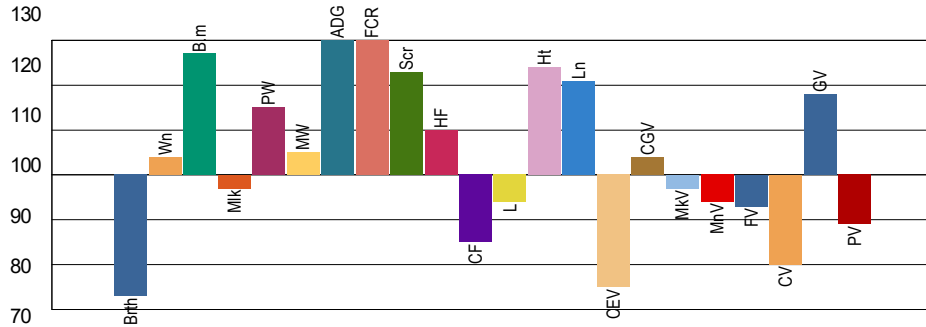
Calving ease:	Smaller calf at birth - easier calving
Calf growth:	Heavier calves at wean due to growth potential of the calf
Milk:	Cows with more milk and better mothering ability
Maintenance:	Animals with low maintenance requirements (lower mature weight).
Fertility:	Cows/daughters that calve earlier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

Genetic Windows

Bulls on the farm

Bulls born in 2023 and earlier

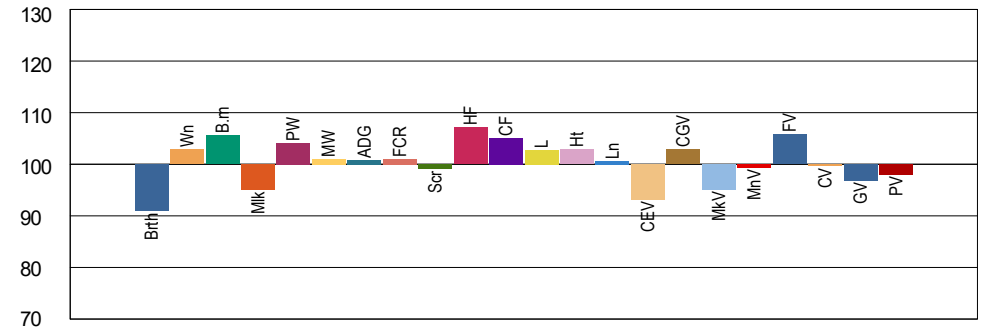
Total: 1



Cow Herd

Cows born in 2024 and earlier

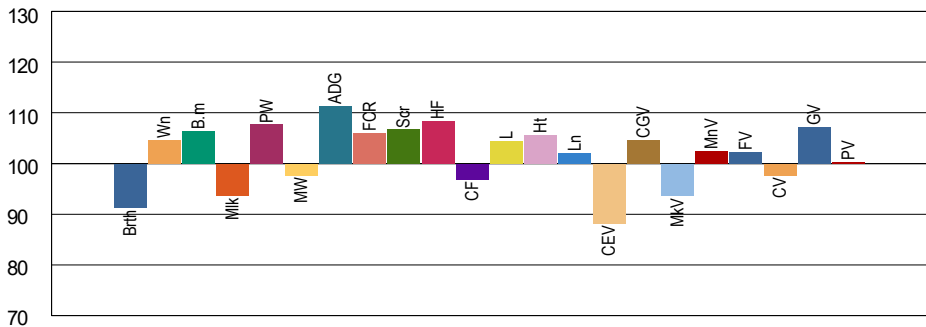
Total: 42



Sires of young animals

Sires of animals 3 years and younger

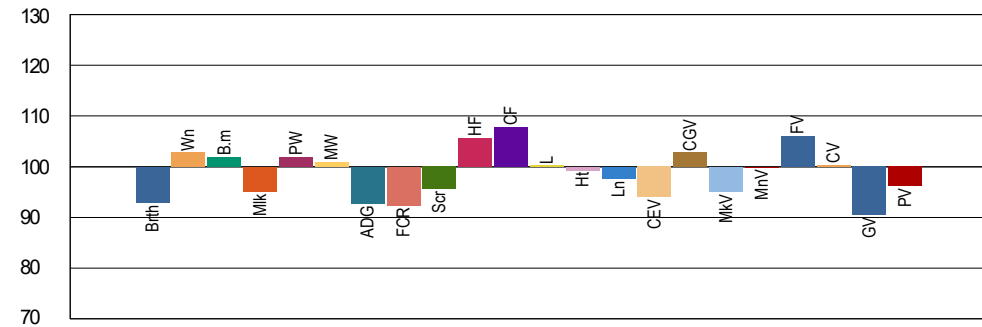
Total: 6



Cows older than 6 years

Cows born in 2020 and earlier

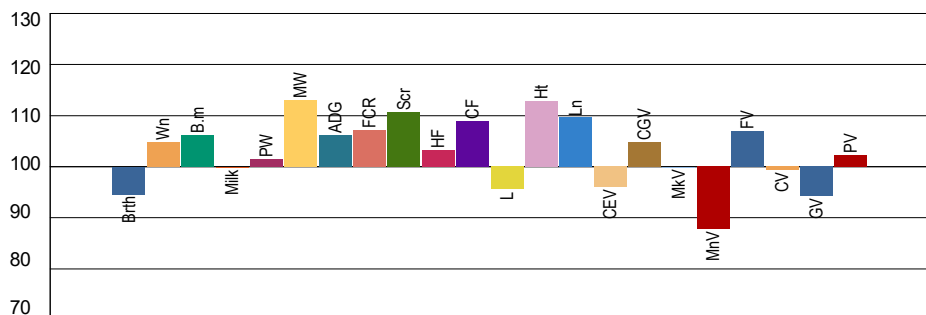
Total: 19



Bull calves

Bulls born in 2025

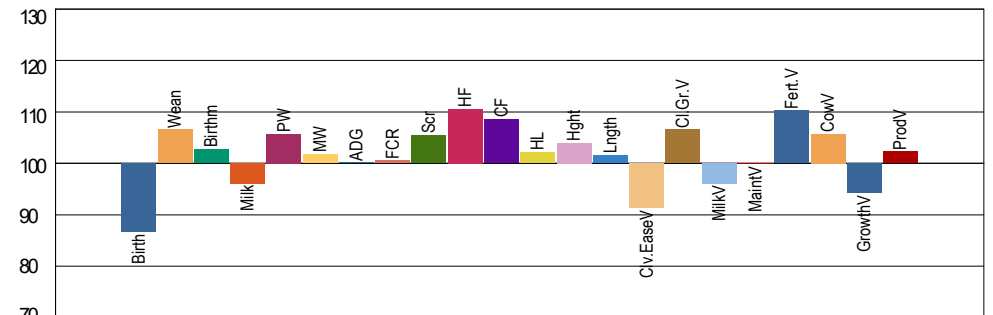
Total: 5



Heifer calves

Heifers born in 2025

Total: 7

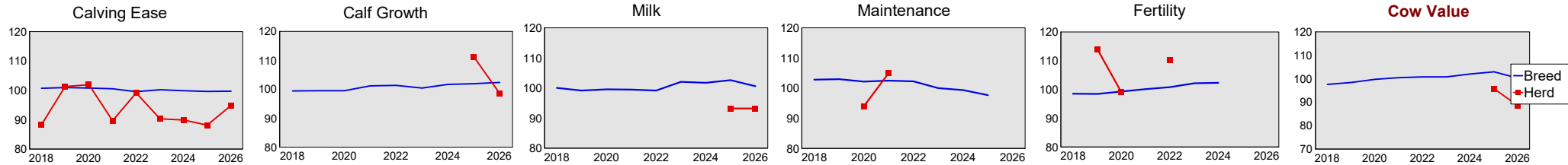


Summary of Cow Herd

			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	100	100	100	100	100	100	100	100
2012	2	★★★★☆	89	112	105	92	110	108	91	103	87	112	102	105	103	108	96	94	93	106	111	98	106	109
2013	1	★★★★	116	85	79	116	99	93	86	88	117	85	96	79	92	88	86	83	95	114	98	89	78	78
2014	1	★★★★★	86	120	109	78	119	115	97	111	93	120	83	109	109	125	103	107	88	121	118	96	147	133
2015	1	★★★★★	99	87	75	133	134	117	45	94	103	87	88	75	89	67	55	60	114	125	145	104	61	69
2016	2	★★★★	102	86	94	119	104	98	88	93	98	86	108	94	88	84	87	86	79	108	103	99	89	89
2017	2	★★★☆☆	87	114	88	83	94	85	112	91	82	114	122	88	113	121	114	116	112	88	102	101	125	122
2018	6	★★★★	93	100	94	94	104	92	89	88	93	100	100	94	101	106	90	90	92	104	106	99	96	90
2019	2	★★★★★☆☆	93	112	105	99	117	120	94	115	95	112	98	105	108	99	96	92	98	114	117	107	95	97
2020	2	★★★★★☆☆	92	109	98	110	96	104	96	102	88	109	106	98	110	91	97	96	103	96	95	107	100	103
2021	6	★★★★	87	104	96	96	109	98	100	98	86	104	96	96	107	105	100	104	95	107	111	103	109	102
2022	4	★★★★★	107	101	92	106	109	110	93	105	104	101	104	92	100	95	94	90	93	112	105	107	92	92
2023	2	★★★★★☆☆	92	105	99	100	105	102	113	107	87	105	121	99	109	99	123	120	116	113	97	107	109	108
2024	11	★★★★	91	103	95	98	103	96	104	97	86	103	115	95	107	102	114	115	107	107	99	104	109	107
2025	7	★★★★★☆☆	91	107	96	100	110	106	94	102	87	107	103	96	106	102	100	101	105	111	109	102	104	102
2026	2	★★★☆☆	85	101	105	98	89	85	89	83	85	101	106	105	101	102	97	98	105	94	90	91	100	97
Cows in Herd Average:			94	103	95	101	107	102	93	98	93	103	103	95	103	100	97	98	100	108	107	101	101	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.



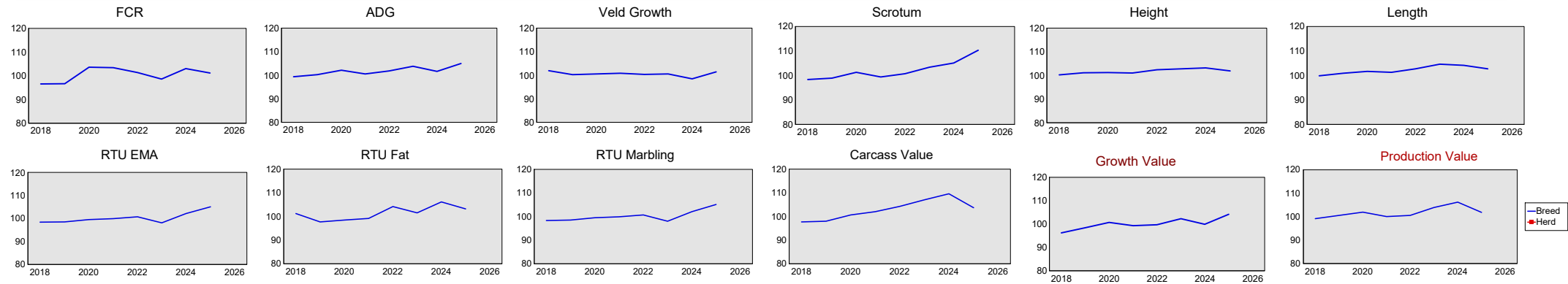
Herd

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			Ferti- lity
	Number	Dir EBV			Number	EBV		Number	EBV		Number	EBV		Number	EBV	Number	EBV	Number	EBV		
2018	3	0.98	-0.01	88																	
2019	7	0.38	-0.44	101										2	-3.4	1	-3.7	4	29.1	114	
2020	9	0.18	-0.37	102							1	12	94	1	4.2			8	20.9	99	
2021	15	0.86	-0.09	90							1	1	105					10	25.9		
2022	14	0.43	-0.16	99										3	-10.1			5	25.3	110	
2023	18	1.30	-0.64	90																	
2024	25	1.40	-0.65	90																	
2025	13	1.44	-0.62	88	4	5.0	111	4	-1.05	93										96	
2026	7	1.14	-0.66	95	5	0.9	99	5	-1.12	93										89	

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		Maintenance	Heifer Fert.		Cow Fert.		Longevity		Fertility			
	Number	Dir 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	
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	
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	
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	
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	
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	
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	
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	
2024	8885	0.37	-0.21	100	3974	1.9	102	3974	0.92	102	1552	5.1			99	13	-1.1					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			
2018																												
2019																												
2020																												
2021																												
2022																												
2023																												
2024																												
2025																												
2026																												

Breed

Birth Year	Growth												Frame						Carcass						Selection Values				
	FCR			ADG			Veld Growth			Scrotum			Height			Length			RTU		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	Number	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	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling	Dress %	Nr measured		
ID																																		Comp.nr	Birth	Wean
B	090020	 BIY943	108	93	65	105	126	103	45	81	49	98	105	104	95	93	65	69	93	50	120	61	86	117	111	140	97	62	65	63	48	71	55	49	1	
	69414837	 1545.LXIV	95	90	92	92	89	82	84	83	82	5	0.04	-0.8	3	-1.0	-7.8	-81	0.1	-78	25	78	-0.35	10.5	-8.2	-7.5	28.4	-20	-20.7	-2.40	-5.16	-1.96	-0.58	31	104	
BU	170147	 TLM 020038	100	110	101	87	100	102	128	112	128	100	94	109	113	110	101	102	111	116	90	117	102	88	84	123	94	82	93	128	128	102	131	166	148	
	86045143	 FN 080336	95	97	90	90	87	83	88	84	88	7	0.73	-1.2	19	4.7	0.7	-9	10.2	21	-21	-33	0.33	-4.2	9.5	-4.3	25.7	-8	-3.8	1.84	2.70	-0.09	0.40	14	14	
			89	97	93							89	97	93	90	97	90	92	89	88	83	83	91	90	87	84	91	90	88	87	88	87	88	18		
D	100013	KPO622	109	75	112	111	119	105	92	101	79	84	110	127	90	75	112	97	79	96	108	112	91	79	105	135	96	124	107	65	83	89	65	50	20	
	71900096	ADC9080	92	83	78	80	69	73	51	66	34	-7	-0.31	-3.0	-1	-6.8	3.4	-19	-7.6	-9	5	-24	-0.16	-8.7	-4.4	-6.5	27.2	16	5.2	-2.25	-1.73	-0.89	-0.45	2	15	
			75	93	87							75	93	87	80	83	78	80	58	50	12	18	59	56	70	47	89	54	48	32	37	33	34	34		
EHB	220010	 YSB 180004	91	110	90	122	115	122	95	117	105	80	98	75	80	110	90	109	108	94	90	88	115	95	124	98	117	89	93	96	106	101	97	1	1	
	94034139	 PRB 080003	87	84	83	83	82	76	81	78	81	-10	0.50	2.0	-10	4.5	-1.8	6	8.3	-13	-21	23	0.87	-0.4	-16.2	0.3	44.2	-5	-3.7	-0.28	0.48	-0.18	-0.04			
			83	88	85							83	88	85	83	84	83	83	82	81	80	80	82	81	82	80	84	81	81	81	81	81	81			
FN	060068	25	74	137	110	77	109	117	121	122	148	145	88	82	127	137	110	119	132	123	111	116	121	101	109	105	100	119	138	121	129	91	125	48	11	
	68143254	PB/11032	96	88	89	91	81	80	71	77	68	44	1.12	1.4	30	13.4	2.9	30	21.6	31	11	-32	1.11	2.7	-6.9	-1.0	30.9	13	24.3	1.37	2.75	-0.77	0.32	5	36	
			87	96	94							87	96	94	91	88	89	89	70	70	33	47	79	76	86	62	96	74	68	64	71	65	68	92		
FN	190178	FN 110229	113	110	85	88	131	125	131	133	134	125	120	104	113	110	85	90	109	133	95	125	120	120	119	129	119	122	130	126	115	104	127	67	1	
	89401277	FN 110402	84	57	47	49	51	54	44	51	37	27	-0.92	-0.8	18	4.6	-3.0	-35	9.2	45	-13	-49	1.09	12.0	-12.9	-5.5	46.1	15	19.2	1.71	1.40	-0.01	0.35			
			47	93	69							47	93	69	49	57	47	51	43	43	37	19	44	40	52	34	66	41	37	35	39	36	37			
HOT	110003	B 040042	93	113	76	117	109	114	94	109	108	103	96	84	86	113	76	96	114	94	74	96	96	103	120	96	99	121	108	95	115	84	98	104	24	
	73658643	HOT 070009	95	90	88	87	76	79	67	75	56	9	0.62	1.1	-5	5.7	-5.2	-21	11.7	-12	-45	8	0.06	3.6	-13.7	0.7	29.9	14	5.7	-0.28	1.39	-1.17	-0.02	24	73	
			73	96	92							73	96	92	87	90	88	88	66	66	33	38	72	70	77	58	92	69	65	54	57	54	56			
HOT	150013	 MHB 040027	89	101	114	139	89	114	74	102	111	71	93	59	56	101	114	140	100	76	82	70	142	98	100	78	112	89	98	116	109	113	116	213	174	
	83412940	 HOT 070009	97	97	93	94	90	85	94	88	94	-18	0.79	3.6	-32	1.7	3.7	74	3.9	-39	-34	59	2.02	1.0	-1.1	4.0	40.4	-4	-0.8	1.04	0.79	0.53	0.21	58	39	
			94	98	96							94	98	96	94	97	93	95	94	94	87	87	96	95	91	87	93	95	94	93	95	94	94			
KB15A		PM05L	122	85	85	126	122	120	88	113	88	74	132	102	76	85	85	87	88	92	91	85	86	90	142	118	88	71	74	81	114	119	84	63	18	
	62578430	GF4T	93	85	80	80	69	74	52	67	46	-15	-1.71	-0.5	-14	-3.8	-3.1	-41	-2.5	-15	-20	29	-0.35	-3.3	-28.0	-3.4	21.2	-15	-15.5	-1.22	1.34	0.92	-0.20	11	30	
			78	94	89							80	85	80	80	82			54	51	15	10	57	55	72	42	93	54	49	44	49	44	46			
MHB	060030	 25	103	110	93	119	82	106	71	94	87	107	100	95	83	110	93	109	96	79	90	91	92	76	85	86	93	87	86	101	87	104	99	282	232	
	64439946	KPO21	99	99	98	98	97	88	97	91	97	12	0.33	0.1	-8	4.5	-1.1	8	1.9	-34	-21	19	-0.10	-10.3	8.6	2.6	24.8	-6	-8.0	0.08	-1.38	0.00	-0.02	63	185	
			98	99	99							98	99	99	98	99	98	98	98	97	94	95	98	98	97	95	99	97	97	97	97	97	97			
PRB	120020	TLM 020001	92	105	95	77	107	90	106	93	96	122	89	107	128	105	95	89	107	100	90	88	92	93	89	121	106	99	87	95	88	104	94	14	1	
	75209957	BA 050030	80	68	68	67	63	63	56	61	51	25	1.08	-1.1	31	2.8	-0.6	-38	7.7	-3	-21	23	-0.08	-1.4	6.2	-4.1	35.2	1	-7.3	-0.29	-1.25	0.03	-0.08	1	1	
			65	82	75							65	82	75	67	68	68	68	59	56	35	31	59	58	64	49	76	58	55	49	53	49	51			
PRB	120049	E 060005	98	74	101	101	118	87	90	85	89	96	96	98	97	74	101	84	76	84	88	76	77	72	118	130	91	100	83	77	93	131	77	71	47	
	76938265	BA 050030	92	91	82	86	71	77	58	71	48	4	0.59	-0.1	4	-7.2	0.7	-48	-9.2	-28	-25	49	-0.75	-12.0	-12.4	-5.6	23.0	2	-9.9	-1.51	-0.76	1.63	-0.29	1	16	
			83	94	90							83	94	90	86	91	82	86	76	57	32	29	64	62	72	51	90	60	55	46	51	46	48	36		
PRB	120053	HOT 090001	86	92	95	116	90	84	97	84	101	86	87	82	87	92	95	97	95	97	92	91	121	103	111	87	78	99	92	83	125	113	88			
	76280841	CI CI 0																																		

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	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling	Dress %	Nr measured		
ID Comp.nr																																		Birth	Wean	Grwth Test
PRB 150034 82496357		HOT 090001 PRB 130019	106 90	100 77	92 68	107 73	105 57	107 67	88 66	101 67	96 60	100 7	101 0.30	112 -1.6	93 1	100 1.4	92 -1.4	97 -20	99 3.5	93 -13	79 -39	90 20	103 0.34	100 2.0	103 -2.8	104 -0.9	107 35.9	89 -5	93 -3.4	99 -0.02	104 0.34	99 -0.30	100 0.00	82 6	12 6	
PRB 170015 85212504		MHB 040027 BA 090113	78 75	106 67	88 68	94 69	100 61	84 61	102 60	87 61	109 58	111 16	87 1.22	79 1.6	105 12	106 3.4	88 -2.3	93 -28	110 9.7	98 -6	103 -2	96 8	131 1.53	99 1.2	112 -8.4	89 2.0	106 35.3	110 7	104 3.4	99 -0.05	107 0.63	71 -1.94	100 0.01	5 2	3 3	
PRB 190009 88763958		B 060012 B 040017	94 92	107 88	110 86	96 86	101 85	106 79	119 86	112 81	108 84	104 10	93 0.79	119 -2.2	101 8	107 3.7	110 3.0	113 15	107 8.0	120 26	84 -31	118 -36	109 0.61	113 8.6	100 -0.9	99 0.2	107 36.5	111 8	111 7.6	122 1.48	90 -1.01	102 -0.09	120 0.25	46 5	8 5	
SE 120004 76863265		TLM 020003 BA 090113	73 89	145 72	102 72	86 75	89 66	111 68	107 60	112 66	108 52	118 21	53 3.41	80 1.6	115 20	145 16.1	102 0.9	124 40	141 26.5	105 4	88 -24	101 -1	96 0.07	62 -17.4	96 1.4	93 1.3	89 22.1	141 26	119 12.7	80 -1.31	97 -0.33	82 -1.32	81 -0.24	49 1	3 7	
SPJ 110107 73774804		HVT 970017 SPJ 070007	99 95	92 87	76 84	128 87	78 71	82 77	73 70	74 75	76 63	77 -12	93 0.82	92 0.4	73 -16	92 -1.2	76 -5.1	86 -43	80 -7.0	68 -50	74 -45	62 77	117 0.95	49 -23.7	86 7.8	80 3.7	96 27.5	65 -19	79 -12.6	96 -0.23	98 -0.22	112 0.48	96 -0.05	100 7	25 22	
TLM 020001 61037560		K6K2459 KPO4203	84 98	97 95	86 95	92 95	71 90	58 85	97 84	62 85	89 78	109 14	92 0.91	86 1.0	108 14	97 0.3	86 -2.9	84 -49	99 3.7	88 -21	97 -10	65 71	129 1.47	61 -18.0	75 15.3	81 3.4	90 22.8	83 -8	62 -23.0	93 -0.47	110 0.90	90 -0.83	94 -0.07	137 40	26 136	
TLM 040578 62822010		K6K2738 K6K2748	114 97	70 95	95 95	121 95	80 94	75 86	93 94	75 88	60 94	78 -12	110 -0.29	103 -0.7	81 -10	70 -8.6	95 -0.7	82 -52	78 -8.5	106 6	94 -15	127 -52	92 -0.10	115 9.7	87 7.5	85 2.6	96 27.3	57 -23	65 -20.7	126 1.74	58 -4.18	85 -1.09	117 0.23	11 19	3 24	
VST 110001 75222059		MHB 040027 HOT 070009	72 97	100 95	94 91	123 92	102 80	95 82	83 90	89 84	104 90	74 -15	72 2.20	101 -0.5	79 -12	100 1.4	94 -0.9	106 -1	108 8.2	94 -13	110 10	100 0	129 1.45	128 16.0	122 -14.9	89 1.9	99 29.9	105 5	95 -2.1	74 -1.71	140 3.87	56 -2.83	81 -0.24	193 30	94 34	
VST 120006 75361733		CI 080030 MHB 050008	111 89	103 81	103 80	96 82	85 68	98 72	92 74	95 73	104 70	114 18	115 -0.62	102 -0.5	102 9	103 2.4	103 1.2	104 -5	95 1.0	99 -4	76 -42	104 -8	78 -0.68	101 2.4	92 4.4	74 4.9	104 33.6	89 -4	103 2.7	109 0.60	106 0.51	77 -1.59	109 0.12	23 1	8 12	
VST 170133 86376043		VST 110001 BOS 110167	75 92	104 90	97 86	94 86	93 85	80 79	118 86	89 81	114 86	99 6	73 2.12	108 -1.1	105 11	104 2.7	97 -0.2	98 -16	115 12.4	139 55	136 49	140 -80	101 0.27	123 13.7	110 -7.6	85 2.6	94 26.0	124 16	121 13.8	106 0.39	98 -0.25	86 -1.05	105 0.07	70 1	14 1	
W 150811 81440695		B 090020 B 090471	77 80	117 75	94 63	94 65	123 57	112 63	79 55	102 61	80 40	111 15	75 1.96	90 0.6	105 12	117 7.0	94 -0.9	105 -2	119 14.7	87 -22	92 -19	95 11	95 0.03	123 13.6	111 -8.2	124 -4.6	106 35.5	92 -3	97 -1.1	100 -0.01	64 -3.55	78 -1.52	94 -0.07	13 3	10 3	
Z 060051 64737927		KPO794 K6K2386	94 99	121 98	116 98	82 98	144 98	142 88	92 97	133 91	113 96	117 20	100 0.37	98 -0.2	119 24	121 8.0	116 4.2	117 24	107 8.0	99 -5	84 -29	112 -23	100 0.25	94 -0.9	132 -21.4	151 -9.6	96 27.6	141 26	129 18.3	91 -0.61	66 -3.39	131 1.60	87 -0.17	306 13	43 137	

Breeding Values and Accuracies: Bulls

Inbreeding in red is high

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

Animal				Selection Value										Birth			Wean				Growth & Adaptation					Fertility				Frame		Carcass					
ID	Animal no	% Inbreeding	Genomic Parentage	Index		Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean wt	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thicken	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling	Dress %
				Sire ID	Dam ID																																
VST 170133	86376043			VST 110001	BOS 110167	75	104	97	94	93	80	93	118	89	114	99	73	108	105	104	97	98	115	139	136	140	101	123	110	85	94	124	121	106	98	86	105
						92	90	86	86	85	79	89	86	81	86	6	2.12	-1.1	11	2.7	-0.2	-16	12.4	55	49	-80	0.3	13.7	-7.6	2.6	26.0	16	14	0.39	-0.25	-1.05	0.07
						85	95									85	95	89	86	90	86	87	85	86	82	85	89	88	84	83	89	87	86	86	87	86	
EHB 240017	97646525	1		VST 170133	PRB 080003	93	106	93	117	114	117	108	107	117	105	77	86	96	86	106	93	106	111	116	115	109	99	107	124	101	110	101	102	103	107	107	104
						67	52	48	49	39	47	54	38	44	37	-12	1.28	0.0	-5	3.3	-1.1	-1	9.9	20	16	-18	0.2	5.5	-16.6	-0.3	38.8	2	2	0.22	0.61	0.16	0.05
						48	73									48	73	59	49	52	48	50	37	38	14	33	44	42	37	25	55	41	37	35	39	36	37
EHB 240027	98131246	1		PRB 190009	YSB 210024	75	121	105	92	107	107	115	108	109	108	111	73	89	107	121	105	115	122	109	84	108	122	111	106	101	113	110	110	114	91	93	112
						59	44	36	37	33	39	45	38	39	24	16	2.13	0.6	13	8.1	1.8	20	16.5	10	-31	-16	1.2	7.3	-4.7	-0.2	40.8	8	7	0.91	-0.91	-0.65	0.15
						32	66									32	66	50	37	44	36	39	30	16	14	16	37	35	31	20	48	34	30	22	25	22	24
EHB 250007	99980062			FN 190178	PRB 120016	100	109	87	93	130	119	100	110	120	115	107	104	98	107	109	87	93	104	114	87	111	104	110	119	132	110	115	117	110	92	117	108
						59	44	44	45	40	42	47	32	39	29	12	0.12	-0.1	13	4.4	-2.6	-28	6.4	17	-25	-22	0.4	7.2	-12.8	-6.1	38.4	11	11	0.64	-0.82	0.78	0.11
						44	61									44	61	54	45	44	44	44	34	32	23	18	34	32	40	50	32	30	28	30	28	29	
EHB 250012	99972044				PRB 160044	111	96	113	81	99	96	98	81	89	94	107	110	113	121	96	113	99	87	85	110	87	76	107	91	105	84	101	96	89	75	86	86
						39	29	29	30	28	28	31	22	26	20	13	-0.27	-1.6	25	-0.1	3.7	-16	-3.5	-26	9	26	-0.8	5.7	5.0	-0.9	17.5	2	-2	-0.68	-2.56	-1.06	-0.17
						29	37									29	37	36	30	29	29	29	24	22	12	12	24	23	28	18	37	23	22	19	21	19	20
EHB 250014	99972028				PRB 160044	111	96	113	81	99	96	98	81	89	94	107	110	113	121	96	113	99	87	85	110	87	76	107	91	105	84	101	96	89	75	86	86
						39	29	29	30	28	28	31	22	26	20	13	-0.27	-1.6	25	-0.1	3.7	-16	-3.5	-26	9	26	-0.8	5.7	5.0	-0.9	17.5	2	-2	-0.68	-2.56	-1.06	-0.17
						29	37									29	37	36	30	29	29	29	24	22	12	12	24	23	28	18	37	23	22	19	21	19	20
EHB 250015	6020000896	1		VST 170133	PRB 120016	82	110	93	96	111	101	101	106	103	111	94	75	97	103	110	93	100	110	120	106	122	95	114	113	110	99	120	117	105	84	109	103
						67	64	49	49	41	50	60	42	48	40	1	1.96	0.0	9	4.6	-1.1	-12	9.7	27	3	-43	0.0	9.1	-9.2	-2.0	29.7	13	11	0.36	-1.65	0.29	0.04
						48	72									48	72	59	49	64	49	54	39	41	18	36	47	45	41	30	53	44	40	39	42	39	40
EHB 250019	99817587	2		VST 170133	PRB 170031	76	113	93	88	96	85	99	116	93	110	111	74	112	113	113	93	98	119	127	145	129	97	115	102	93	101	127	122	101	89	85	100
						66	65	45	42	37	48	59	40	46	39	16	2.06	-1.5	18	5.6	-1.1	-17	14.4	37	62	-57	0.1	9.8	-2.0	1.2	31.3	18	14	0.08	-1.12	-1.14	0.00
						42	72									42	72	56	42	65	45	51	40	40	15	33	46	44	36	24	51	43	38	37	41	37	39
EHB 260001	99867103	1		VST 170133	PRB 140054	77	128	106	86	106	111	122	108	112	113	113	60	91	115	128	106	116	127	121	109	124	108	106	116	102	95	136	127	95	84	87	93
						66	52	45	46	41	46	53	44	45	43	17	2.93	0.5	20	10.5	1.9	22	19.2	28	8	-48	0.6	4.9	-10.9	-0.4	26.8	23	18	-0.33	-1.61	-1.02	-0.08
						44	72									44	72	58	46	52	45	48	41	44	20	37	49	47	41	30	52	46	42	41	45	41	43
EHB 260002	99867111	1		VST 170133	PRB 180059	104	78	89	100	101	78	71	93	78	89	95	97	108	98	78	89	78	86	101	133	105	92	96	111	97	98	101	92	85	99	96	85
						66	65	45	43	38	48	59	40	46	37	3	0.57	-1.2	5	-5.8	-2.0	-62	-3.9	-1	45	-9	-0.1	0.1	-8.1	0.4	28.7	2	-4	-0.99	-0.19	-0.50	-0.19
						42	72									42	72	56	43	65	45	51	40	39	16	34	44	43	37	26	51	41	37	35	39	36	37
EHB 260005	99876757	1		VST 170133	EHB 190002	93	116	95	87	107	105	107	115	109	114	108	90	117	114	116	95	100	117	124	110	116	99	111	111	102	106	113	111	110	100	101	109
						66	61	44	42	36	47	57	38	44	37	13	1.03	-2.0	20	6.4	-0.8	-13	13.5	32	9	-32	0.2	7.6	-8.3	-0.5	35.6	9	8	0.66	-0.08	-0.14	0.12
						41	71									41	71	56	42	61	44	49	35	38	15	33	43	41	36	24	48	40	36	35	39	35	37
EHB 260006	99978801	2		VST 170133	PRB 210018	103	85	92	93	104	84	77	111	89	105	100	99	117	106	85	92	82	92	120	112	120	86	106	106	106	101	121	112	92	89	93	91
						64	64	45	44	39	48	59	42	46	40	7	0.44	-2.0	12	-3.5	-1.4	-54	-0.7	26	12	-40	-0.4	5.1	-4.8	-1.1	31.0	14	8	-0.48	-1.13	-0.67	-0.11
						43	71									43	71	55	44	64	45	51	38	41	20	34	47	45	39	26	51	44	40	38	42	38	40

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	Yeld growth	FCR	Skin Thickn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling	Dress %
			Sire ID Dam ID																																
EHB 260007 99978819	1	VST 170133 VST 180158		94 65	109 64	96 47	91 45	97 40	96 49	102 59	100 46	96 48	107 44	112 16	88 1.14	104 -0.8	108 14	109 4.2	96 -0.5	99 -15	112 10.6	113 17	110 9	115 -30	101 0.3	101 2.5	105 -4.3	94 1.1	98 29.3	109 7	109 6	121 1.43	98 -0.31	95 -0.54	120 0.26
EHB 260008 99978827	2	VST 170133 PRB 130036		114 66	85 47	86 39	103 41	96 36	87 43	81 48	102 38	89 42	102 36	95 3	108 -0.17	111 -1.5	96 4	85 -3.6	86 -2.8	80 -56	95 1.1	113 16	111 11	113 -26	93 -0.1	109 6.6	112 -8.6	92 1.5	92 23.9	101 2	100 1	97 -0.21	99 -0.16	96 -0.49	97 -0.04
EHB 260011 6020454952	2	VST 170133 EHB 220013		93 55	108 47	100 40	95 40	100 35	100 40	105 46	108 40	103 40	108 39	102 8	85 1.30	105 -0.8	104 10	108 3.9	100 0.6	104 -4	111 9.9	119 25	110 9	118 -36	94 0.0	110 7.1	107 -5.6	91 1.6	107 36.0	107 6	109 6	105 0.37	101 0.03	91 -0.74	105 0.07
EHB 260012 6020498082	4	VST 170133 YSB 210024		75 53	116 48	98 38	91 39	102 35	96 39	106 46	108 40	99 39	111 38	109 14	67 2.52	86 0.9	108 14	116 6.6	98 0.1	106 0	123 17.0	119 24	110 9	120 -39	118 1.0	116 9.9	111 -8.0	94 1.1	102 32.2	116 11	115 10	105 0.37	95 -0.53	85 -1.13	105 0.06

Breeding Values and Accuracies: Cows & Heifers

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass					
ID Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Sire ID	Dam ID	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thicken	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling	Dress %
K 120078 75705251		 FN 060068 FS 080029				91 91	114 85	121 87	85 88	89 84	101 78	119 87	93 83	98 80	119 82	127 29	86 1.27	104 -0.7	114 19	114 5.9	121 5.5	119 29	107 8.0	97 -7	93 -17	91 19	92 -0.1	84 -6.1	94 2.7	86 2.5	96 27.3	102 3	113 8	113 0.87	121 1.95	97 -0.40	116 0.20
PRB 120016 75209940		 Z 060051 CI 060007				87 90	109 86	88 87	98 88	130 85	114 78	99 87	88 83	107 80	96 83	89 -3	88 1.15	90 0.5	101 8	109 4.2	88 -2.3	96 -21	99 3.5	95 -11	80 -37	97 7	88 -0.3	101 2.5	118 -12.8	135 -6.6	100 30.8	109 7	104 3	93 -0.43	70 -3.05	131 1.58	89 -0.14
PRB 130036 78328887		 KB15A PRB 110016				116 89	85 82	79 82	116 83	99 82	93 75	82 83	86 80	88 76	90 80	92 -1	117 -0.74	101 -0.5	88 -4	85 -3.7	79 -4.6	77 -63	92 -0.2	86 -24	86 -28	83 35	85 -0.4	95 -0.5	114 -9.7	98 0.4	89 21.8	78 -11	78 -13	87 -0.81	100 -0.06	105 0.08	88 -0.15
PRB 140054 81293573	2	 Z 060051 BA 090113				86 90	120 87	109 87	78 87	119 86	115 79	114 87	97 85	111 81	111 85	127 29	93 0.83	95 0.1	125 29	120 7.8	109 2.6	109 6	109 9.0	103 1	81 -34	107 -13	116 0.9	88 -3.8	121 -14.2	118 -3.5	96 27.7	147 29	133 21	84 -1.05	70 -2.96	87 -0.99	81 -0.24
W 151048 82619867		 B 090020 B 090585				99 89	87 84	75 84	133 84	134 82	117 76	85 85	45 81	94 78	49 80	65 -23	103 0.15	74 2.1	67 -22	87 -2.9	75 -5.4	84 -47	89 -1.9	55 -71	98 -9	60 80	111 0.7	114 9.1	125 -17.0	145 -8.4	104 33.6	61 -21	69 -19	60 -2.63	74 -2.57	74 -1.80	57 -0.54
EHB 160009 86972759		 PRB 120053 PRB 140006				108 86	82 82	94 81	123 81	111 81	105 74	88 82	96 80	102 76	95 80	78 -12	105 0.01	97 -0.1	79 -11	82 -4.5	94 -1.0	92 -31	87 -2.9	94 -12	115 17	97 6	97 0.1	92 -2.2	113 -9.2	116 -3.1	89 21.5	102 3	96 -2	89 -0.71	105 0.39	112 0.47	90 -0.12
SPJ 160106 84997816		 SPJ 110107 SPJ 100116				96 89	90 84	94 85	115 86	96 82	91 77	90 85	80 81	84 78	77 81	88 -4	90 1.03	98 -0.2	88 -4	90 -2.1	94 -0.9	94 -27	89 -2.1	79 -34	94 -15	75 50	116 0.9	65 -15.9	102 -2.1	90 1.9	109 37.8	76 -12	82 -11	93 -0.42	89 -1.17	106 0.10	91 -0.11
PRB 170031 86144060		PRB 130020 PRB 140039				79 80	124 69	88 62	78 56	96 46	89 58	106 68	120 42	98 53	112 38	130 31	77 1.82	119 -2.2	128 31	124 9.2	88 -2.4	95 -23	124 17.2	121 29	148 67	122 -43	95 0.0	112 8.0	90 5.6	101 -0.2	104 34.1	138 24	133 21	102 0.17	80 -1.99	83 -1.21	100 0.00
PRB 170034 86144169	1	PRB 130020 PRB 140303				94 77	103 66	88 58	88 51	92 42	81 54	90 65	103 34	84 48	95 30	112 16	86 1.26	108 -1.2	113 19	103 2.1	88 -2.4	87 -42	102 5.1	107 7	111 10	110 -19	84 -0.4	112 8.1	86 7.7	102 -0.5	97 28.2	111 8	110 7	93 -0.42	82 -1.87	94 -0.57	91 -0.11
EHB 180009 88091616		PRB 120020 PRB 140054				67 73	121 47	107 47	78 47	113 44	100 47	109 51	102 40	100 45	103 36	125 27	76 1.93	84 1.2	126 30	121 8.2	107 2.2	108 4	119 14.6	102 -1	86 -28	98 5	104 0.4	91 -2.6	105 -4.0	120 -3.8	101 31.6	123 15	110 7	90 -0.67	79 -2.10	96 -0.48	87 -0.16
PRB 180045 87892659	3	PRB 130020 PRB 120054				79 73	99 56	102 50	91 50	91 45	77 50	91 57	98 38	79 46	99 34	110 15	72 2.17	101 -0.5	108 13	99 1.1	102 0.9	98 -18	102 5.3	101 -2	88 -24	98 4	100 0.2	107 5.5	90 5.6	102 -0.4	89 22.0	106 5	101 1	89 -0.70	104 0.28	98 -0.33	90 -0.12
PRB 180059 87892733		PRB 120049 PRB 160018				89 79	89 69	82 63	93 57	106 49	76 58	72 68	76 38	69 52	76 30	107 12	85 1.30	99 -0.3	107 13	89 -2.2	82 -3.8	76 -66	89 -1.9	73 -43	124 30	71 59	84 -0.4	76 -10.4	107 -5.7	109 -1.7	97 28.3	89 -5	77 -14	75 -1.63	99 -0.15	106 0.10	76 -0.31

Breeding Values and Accuracies: Cows & Heifers

Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass				
ID Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling	Dress %
STE 180036	2	HOT 110003		110002	112	100	85	103	107	106	96	98	104	104	106	109	108	96	100	85	90	101	96	85	97	99	113	112	98	104	106	99	104	111	82	105
89147185					73	50	49	51	47	49	54	38	46	32	12	-0.23	-1.1	4	1.1	-2.9	-36	4.3	-9	-29	6	0.2	8.6	-8.4	0.3	33.9	5	0	0.25	1.00	-1.32	0.07
															43	69	67	51	50	49	50	36	37	19	21	40	39	45	33	62	39	36	31	33	31	32
VST 180158		MHB 060030			96	107	99	98	102	104	105	74	93	86	113	99	93	100	107	99	104	105	78	90	79	100	73	104	102	99	83	84	125	97	102	122
88657507		SPJ 070106			75	65	68	63	57	59	67	58	59	58	17	0.42	0.3	7	3.7	0.2	-4	6.7	-35	-22	41	0.2	-11.5	-3.7	-0.5	29.6	-8	-9	1.65	-0.37	-0.09	0.29
															60	72	72	63	65	68	65	54	58	31	35	62	61	57	44	69	60	56	56	59	56	58
VST 180165		TLM 040578			117	81	91	103	103	91	79	83	85	69	95	114	110	96	81	91	81	87	89	93	96	100	92	106	102	104	66	70	134	83	93	129
88657275		SPJ 070106			73	59	62	61	51	55	62	54	55	52	2	-0.52	-1.4	4	-5.1	-1.5	-54	-3.3	-19	-16	8	0.2	-2.3	-4.9	-0.5	33.8	-18	-18	2.28	-1.76	-0.65	0.37
															57	70	70	61	59	62	61	46	54	19	18	59	58	52	34	67	57	52	50	55	51	52
EHB 190002	2	PRB 120020			96	114	103	96	122	124	115	103	122	100	95	90	109	102	114	103	111	112	99	90	84	95	94	117	120	116	92	89	101	102	116	101
88999115		PRB 080003			81	53	60	56	44	53	59	33	47	30	2	1.03	-1.2	9	6.0	1.2	12	10.5	-5	-22	33	0.0	-1.2	-11.6	-3.7	43.5	-3	-6	0.10	0.11	0.71	0.02
															54	76	74	56	53	60	56	38	33	19	17	35	34	46	30	56	29	31	29	30	30	
YSB 190004	1	VST 120006			90	110	106	102	112	115	112	85	107	97	100	99	81	96	110	106	114	104	92	80	99	98	102	111	113	97	98	104	88	98	89	89
89633150		PRB 160041			67	53	51	51	46	49	55	45	48	42	7	0.41	1.4	3	4.6	1.9	17	6.1	-15	-36	2	0.2	3.1	-8.0	-2.4	27.9	1	3	-0.77	-0.24	-0.86	-0.14
															49	64	63	51	53	51	52	44	44	23	23	49	47	44	33	60	46	43	41	44	41	42
EHB 200001	5	PRB 150034			98	110	92	90	99	97	102	104	99	104	115	91	109	111	110	92	96	111	107	113	106	99	106	92	101	108	113	113	101	92	91	100
89974612		PRB 170031			73	52	46	46	39	47	54	40	45	36	19	0.95	-1.2	16	4.5	-1.4	-22	10.1	8	14	-12	0.2	5.0	4.2	-0.3	37.3	10	9	0.07	-0.83	-0.76	0.00
															42	73	64	46	52	46	48	40	39	19	19	46	44	42	24	52	43	39	34	37	34	36
PRB 200049	14	HOT 150013			86	107	103	129	93	110	116	88	104	110	82	85	74	71	107	103	123	108	87	92	85	133	99	100	88	105	86	92	107	116	109	109
92334895		VST 160055			74	58	55	56	49	53	60	55	54	54	-9	1.30	2.1	-18	3.5	1.2	38	8.3	-23	-18	29	1.6	1.5	-1.1	2.2	34.6	-7	-5	0.50	1.44	0.28	0.12
															55	74	68	56	58	55	56	54	54	31	30	57	56	50	36	60	56	54	53	55	53	54
EHB 210008	4	BU 170147			111	91	96	94	102	94	89	105	96	98	98	110	109	105	91	96	89	95	103	92	107	101	90	95	112	100	74	82	131	106	98	130
92805589		VST 180165			70	56	50	51	42	49	57	48	49	45	5	-0.27	-1.2	11	-1.7	-0.3	-37	1.4	1	-19	-13	0.3	-3.3	2.3	-2.4	30.9	-13	-11	2.06	0.47	-0.37	0.38
															49	72	63	51	56	50	52	46	47	19	20	51	50	42	28	56	49	45	43	47	43	45
PRB 210018		SE 120004			85	116	86	79	113	98	98	109	101	102	121	79	112	126	116	86	90	112	106	83	103	72	93	99	125	104	124	112	86	80	99	84
93525277		BA 050030			72	61	64	60	52	56	63	48	54	42	24	1.73	-1.5	30	6.6	-2.8	-35	10.9	6	-31	-6	-1.0	-1.6	-0.2	-4.8	33.5	16	8	-0.93	-2.03	-0.27	-0.21
															59	70	68	60	61	64	62	50	47	32	22	52	51	54	37	66	50	47	40	44	41	42
PRB 210043		PRB 170015			72	102	89	93	102	78	85	90	77	92	109	79	77	107	102	89	90	105	86	113	84	108	87	109	99	101	100	91	87	103	88	88
91962308		PRB 180059			71	52	55	45	41	48	55	36	44	33	14	1.70	1.8	13	1.9	-2.1	-35	7.0	-24	13	32	0.6	-4.4	-7.0	0.2	31.3	2	-5	-0.85	0.24	-0.92	-0.15
															44	71	62	45	52	55	51	40	35	21	22	38	37	39	29	54	36	34	32	34	32	33
PRB 210095		D 100013			94	93	103	112	113	106	97	100	105	89	90	92	92	90	93	103	102	98	104	103	115	93	95	113	115	105	122	109	86	92	90	86
92914175		NBOR100055			63	50	49	49	45	47	52	36	44	24	-2	0.86	0.4	-2	-0.9	1.2	-8	2.7	3	-2	-29	-0.1	-0.6	-9.1	-2.9	34.2	14	6	-0.90	-0.86	-0.83	-0.18
															46	61	59	49	50	49	49	34	35	10	12	41	39	45	30	60	38	33	22	25	22	24
PRB 210097		D 100013			96	93	102	112	112	106	96	100	104	89	90	94	94	90	93	102	101	97	104	103	115	93	95	113	115	100	122	109	86	92	90	86
92950286		NBOR100055			63	50	49	49	45	47	52	36	44	24	-2	0.77	0.2	-2	-1.1	1.1	-10	2.1	3	-2	-29	-0.1	-0.6	-9.1	-2.9	30.4	14	6	-0.90	-0.86	-0.83	-0.18
															46	61	59	49	50	49	49	34	35	10	12	41	39	45	30	60	38	33	22	25	22	24

Breeding Values and Accuracies: Cows & Heifers

Animal				Selection Values											Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass			
ID Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling	Dress %
YSB 210024 93085603	1	W 150811 PRB 150007			62 63	128 52	99 45	88 46	111 41	104 46	115 52	98 44	102 45	108 32	119 22 42	61 2.91 61	65 2.9 58	112 17 46	128 10.5 52	99 0.3 45	113 15 48	132 21.7 36	98 -6 43	84 -31 23	97 6 19	136 1.7 49	108 6.1 47	112 -8.5 40	102 -0.5 26	110 38.4 57	109 7 45	108 6 40	105 0.35 30	92 -0.81 33	83 -1.22 30	104 0.05 32
EHB 220008 93775153		KB15A PRB 180059			103 71	90 55	85 51	110 49	119 44	103 50	85 56	82 32	96 45	82 28	91 -1 48	104 0.09 72	95 0.1 63	92 0 49	90 -2.0 55	85 -3.1 51	84 -48 52	92 -0.3 39	83 -29 32	107 5 13	78 44 11	85 -0.4 35	83 -6.8 34	130 -20.4 47	115 -2.8 27	97 28.2 59	80 -10 34	75 -15 31	78 -1.42 26	107 0.60 29	112 0.51 27	80 -0.25 28
EHB 220009 93775179		KB15A PRB 170031			101 68	111 55	87 51	97 49	109 44	110 49	105 56	104 34	109 44	100 30	102 8 48	95 0.68 71	107 -1.0 61	102 9 49	111 5.0 55	87 -2.5 51	97 -20 52	113 11.0 38	107 7 33	119 23 12	104 -8 11	91 -0.2 37	101 2.4 36	114 -9.6 46	109 -1.7 25	101 31.3 60	104 4 35	103 3 32	92 -0.52 28	97 -0.33 32	101 -0.15 29	92 -0.10 30
EHB 220013 94109675	1	VST 120006 EBH 190002			100 71	112 48	104 50	96 49	107 42	114 47	113 52	97 41	111 45	102 38	104 10 48	98 0.49 71	101 -0.5 63	102 9 49	112 5.2 48	104 1.4 50	110 9 49	106 7.5 40	99 -5 40	83 -32 21	94 12 19	87 -0.3 44	97 0.6 43	104 -3.6 41	97 0.6 30	119 46.1 55	90 -4 42	96 -2 39	105 0.35 37	104 0.31 40	96 -0.44 37	105 0.07 38
VST 220101 94026051	10	HOT 150013 VST 160120			122 72	92 66	93 58	119 59	100 46	112 55	101 65	87 54	105 55	102 53	89 58	117 110 73	110 -1.4 68	84 -7 59	92 -1.3 66	93 -1.2 58	96 -22 61	90 -1.7 52	86 -25 53	86 -27 29	84 32 26	122 1.2 56	89 -3.8 55	98 0.6 48	97 0.5 34	111 39.1 57	92 -3 55	93 -3 52	95 -0.29 52	103 0.20 54	86 -1.03 52	96 -0.05 53
EHB 230011 95538799	2	VST 170133 STE 170029			102 62	98 47	97 38	105 38	101 37	101 41	99 47	114 38	106 40	107 36	95 2 36	96 0.62 69	109 -1.2 52	94 2 38	98 0.8 47	97 -0.2 38	99 -15 41	103 5.9 32	126 36 37	124 30 14	126 -51 33	105 0.4 42	124 14.1 40	111 -8.0 35	92 1.4 24	104 33.6 51	110 8 39	111 8 35	108 0.52 34	99 -0.15 38	91 -0.75 34	107 0.09 36
EHB 230014 96012869	1	VST 170133 EBH 190002			82 65	111 48	100 43	95 42	109 36	103 43	106 49	111 38	107 42	107 37	97 4 41	78 1.77 69	107 -1.0 56	104 10 42	111 5.1 48	100 0.6 43	106 1 44	115 12.6 35	119 25 38	113 14 15	113 -26 33	98 0.2 43	108 6.2 41	114 -9.6 36	102 -0.5 24	109 37.4 49	108 6 40	105 4 36	103 0.24 35	100 -0.07 39	101 -0.17 35	103 0.05 37
EHB 240007 97350219		VST 170133 VST 180165			115 65	81 50	92 44	98 44	100 39	86 45	78 51	101 44	88 45	92 43	97 4 42	109 -0.24 71	117 -2.0 56	101 7 44	81 -4.9 50	92 -1.3 44	81 -55 46	90 -1.6 38	114 18 43	115 16 15	120 -39 33	100 0.2 49	107 5.7 47	108 -6.2 38	94 1.1 26	105 34.7 53	95 -1 46	96 -2 42	120 1.33 41	90 -1.00 45	90 -0.85 41	117 0.22 43
EHB 240008 97350227	1	VST 170133 PRB 140054			94 66	106 52	102 45	86 46	108 42	101 46	101 53	108 44	103 45	113 43	113 17 44	91 0.95 72	105 -0.8 58	115 20 46	106 3.3 52	102 1.0 45	99 -14 48	107 7.6 41	121 28 44	109 8 20	124 -48 37	108 0.6 49	106 4.9 47	116 -10.9 41	102 -0.4 30	101 31.5 54	136 23 46	127 18 42	95 -0.33 41	84 -1.61 45	87 -1.02 41	93 -0.08 43
EHB 240013 97568679		VST 170133 PRB 210095			82 62	105 48	101 40	101 40	105 37	98 42	101 48	109 38	101 41	102 36	95 2 39	74 2.05 70	96 0.0 52	97 5 40	105 2.9 48	101 0.7 40	105 -1 43	112 10.8 34	122 29 38	120 24 13	128 -55 33	97 0.1 44	109 6.5 42	112 -8.3 36	100 -0.1 24	105 34.8 51	123 15 41	115 10 37	96 -0.25 34	95 -0.55 38	88 -0.94 34	95 -0.06 36
EHB 240014 97687651		VST 170133 W 151048			93 67	96 49	86 43	117 43	116 38	106 44	92 50	81 40	97 43	82 38	82 -9 40	88 1.14 73	93 0.3 57	86 -5 43	96 -0.1 49	86 -2.8 43	92 -31 45	102 5.3 35	97 -8 39	117 20 13	104 -8 33	106 0.5 45	119 11.4 43	118 -12.3 37	115 -2.9 24	105 34.8 52	93 -2 42	95 -2 37	83 -1.12 36	86 -1.41 40	80 -1.42 36	81 -0.24 38
EHB 240015 97568687	4	VST 170133 EBH 200001			87 63	107 48	94 39	92 39	98 35	90 42	97 48	111 40	95 41	109 38	107 12 38	82 1.51 70	108 -1.2 53	108 14 39	107 3.5 48	94 -0.8 39	97 -20 42	113 11.1 36	123 31 39	125 32 15	124 -47 33	100 0.2 45	115 9.3 44	101 -1.7 35	93 1.2 23	107 36.2 48	119 13 42	117 11 38	103 0.23 36	95 -0.54 40	89 -0.90 37	103 0.04 38

Breeding Values and Accuracies: Cows & Heifers

Animal				Selection Values											Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass			
ID Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling	Dress %
EHB 240016	1	VST 170133		VST 180158	91	106	98	96	100	97	101	96	95	100	106	85	100	102	106	98	102	110	109	113	112	100	98	107	94	103	104	103	115	98	94	114
97601041					66	52	46	45	41	46	53	46	46	44	11	1.32	-0.4	9	3.4	0.0	-10	9.8	10	14	-24	0.3	1.1	-5.6	1.1	32.9	4	2	1.02	-0.31	-0.57	0.18
															43	72	57	45	52	46	48	40	45	19	37	50	48	40	29	54	47	43	43	46	43	44
EHB 240018	2	VST 170133		PRB 130007	88	90	87	93	104	76	75	107	82	97	102	94	131	107	90	87	80	93	119	106	117	85	114	103	108	99	103	102	94	87	93	93
97646533					66	52	45	46	41	46	53	42	45	40	8	0.74	-3.4	13	-2.0	-2.6	-57	0.3	24	3	-33	-0.4	9.3	-2.6	-1.5	29.9	4	2	-0.35	-1.37	-0.62	-0.09
															44	72	57	46	52	45	48	40	42	17	35	48	46	41	29	54	45	41	38	42	39	40
EHB 240022	4	VST 170133		EHB 160009	98	92	95	109	105	97	91	107	100	105	89	91	104	92	92	95	94	100	117	126	120	99	107	112	101	98	113	109	97	101	99	98
97788715					64	46	37	38	35	41	47	38	40	36	-3	0.96	-0.7	0	-1.3	-0.7	-26	4.1	21	33	-39	0.2	5.7	-8.4	-0.2	29.3	10	6	-0.16	0.07	-0.29	-0.03
															37	70	54	38	46	37	40	34	38	15	33	43	41	33	24	49	40	36	35	38	35	36
EHB 240023	2	VST 170133		EHB 220013	90	110	101	95	102	102	107	108	104	108	102	82	103	104	110	101	106	113	119	110	118	94	110	107	91	112	107	109	105	101	91	105
97788723					63	47	40	40	36	42	48	40	41	39	8	1.52	-0.7	10	4.7	0.7	1	11.2	25	9	-36	0.0	7.1	-5.6	1.6	40.0	6	6	0.37	0.03	-0.74	0.07
															39	70	53	40	47	40	42	36	39	16	34	45	43	35	24	50	42	38	37	41	37	39
PRB 240023	2	TLM 020001		PRB 150001	76	118	89	93	90	87	105	105	90	101	101	75	87	106	118	89	101	119	99	120	88	113	82	91	90	103	97	89	99	104	94	99
96903323					64	60	61	60	52	54	61	45	51	42	8	1.97	0.8	12	7.3	-2.1	-10	14.6	-5	24	25	0.8	-7.1	4.9	1.7	33.1	0	-6	-0.08	0.35	-0.56	-0.01
															59	64	63	60	60	61	60	51	45	30	27	47	46	51	42	62	46	44	40	43	41	42
PRB 240029		PRB 190009		PRB 150001	84	121	101	96	104	111	118	116	115	110	99	79	106	103	121	101	114	121	115	113	114	103	108	104	99	111	111	114	113	94	101	112
96909916					63	51	48	47	35	45	52	34	42	22	5	1.70	-0.9	9	8.2	0.8	18	15.5	19	14	-27	0.4	6.2	-3.3	0.1	39.2	8	9	0.90	-0.61	-0.19	0.16
															44	68	56	47	51	48	49	38	33	11	14	32	31	31	21	52	30	27	21	24	22	22
EHB 250002	1	VST 170133		EHB 180009	76	119	103	85	105	100	110	110	103	109	112	65	91	116	119	103	108	123	121	111	120	102	107	108	103	102	124	116	98	89	91	96
98471394					63	47	39	39	37	42	48	40	41	38	16	2.62	0.5	20	7.6	1.3	5	17.0	27	11	-39	0.3	5.5	-5.8	-0.6	32.5	16	10	-0.14	-1.18	-0.77	-0.04
															39	69	53	39	47	39	42	36	39	17	34	45	43	36	26	48	42	38	37	40	37	38
EHB 250008		FN 190178		PRB 120016	100	109	87	93	130	119	100	110	120	115	107	104	98	107	109	87	93	104	114	87	111	104	110	119	132	110	115	117	110	92	117	108
99980054					59	44	44	45	40	42	47	32	39	29	12	0.12	-0.1	13	4.4	-2.6	-28	6.4	17	-25	-22	0.4	7.2	-12.8	-6.1	38.5	11	11	0.64	-0.82	0.78	0.11
															44	61	54	45	44	44	44	34	32	23	18	34	32	40	29	50	32	30	28	30	28	29
EHB 250010	1	VST 110001		PRB 120016	87	105	91	113	116	111	102	86	103	100	81	80	95	90	105	91	101	103	94	95	98	108	114	120	112	101	107	99	83	105	93	85
99185712					64	58	58	59	50	52	59	51	52	50	-9	1.68	0.1	-2	2.8	-1.6	-11	5.8	-12	-13	4	0.6	9.2	-13.9	-2.4	31.0	6	0	-1.07	0.41	-0.62	-0.19
															59	63	62	59	58	58	58	52	51	23	35	53	53	52	38	60	52	50	49	51	49	50
EHB 250011		PRB 190009		W 151048	106	95	92	118	118	117	99	81	107	79	84	101	101	84	95	92	98	96	87	91	92	110	114	113	122	106	86	90	91	82	88	89
99979270					62	45	41	40	35	41	47	36	40	24	-7	0.28	-0.4	-7	-0.3	-1.3	-18	1.9	-22	-20	17	0.7	8.8	-9.0	-4.1	35.1	-6	-6	-0.57	-1.79	-0.94	-0.14
															35	67	53	40	45	41	42	31	35	10	14	35	34	34	22	49	33	28	23	26	23	24
EHB 250013		PRB 160044			111	96	113	81	99	96	98	81	89	94	107	110	113	121	96	113	99	87	85	110	87	76	107	91	105	84	101	96	89	75	86	86
99972036					39	29	29	30	28	28	31	22	26	20	13	-0.27	-1.6	25	-0.1	3.7	-16	-3.5	-26	9	26	-0.8	5.7	5.0	-0.9	17.6	2	-2	-0.68	-2.56	-1.06	-0.17
															29	37	36	30	29	29	29	24	22	12	12	24	23	28	18	37	23	22	19	21	19	20
EHB 250016	4	VST 170133		PRB 210043	77	112	94	93	98	89	100	105	92	103	105	65	88	107	112	94	101	119	114	124	115	104	106	110	92	99	113	107	96	101	87	96
99678039					64	62	42	39	35	46	56	38	44	38	11	2.64	0.8	13	5.2	-0.9	-12	14.3	17	30	-29	0.4	4.9	-7.1	1.4	30.1	9	5	-0.25	0.00	-0.99	-0.04
															38	71	53	39	62	42	48	36	38	16	34	44	42	34	24	48	41	37	36	39	36	38

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	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 %
EHB 250018	1	EHB 220010				83	110	93	116	106	108	108	87	102	88	87	82	82	87	110	93	108	108	86	93	81	115	80	113	94	113	82	86	92	97	103	92
99678054		SPJ 160106				63	58	41	42	31	44	54	26	39	24	-5	1.54	1.3	-4	4.5	-1.1	4	8.3	-24	-17	38	0.9	-8.3	-9.3	1.1	41.0	-9	-8	-0.52	-0.34	-0.05	-0.10
																33	69	54	42	58	41	47	25	26	12	13	29	28	30	20	44	27	25	22	25	23	24
EHB 260003	2	VST 170133				79	105	94	90	93	80	92	110	86	101	107	74	105	110	105	94	95	111	122	124	125	92	117	99	94	98	116	114	96	90	90	95
99867129		PRB 170034				65	65	43	41	35	47	59	38	44	37	12	2.06	-0.9	16	3.1	-1.0	-25	10.0	29	31	-49	-0.1	10.5	-0.3	1.1	28.7	11	9	-0.26	-1.06	-0.83	-0.07
																40	72	55	41	65	43	50	39	38	15	33	44	42	33	23	50	41	37	35	39	35	37
EHB 260009						91	97	115	105	85	90	103	68	79	89	87	95	87	93	97	115	113	90	71	99	70	104	92	88	85	83	83	79	93	88	81	91
6020222490		PRB 200049				37	29	27	28	24	27	30	27	27	28	-4	0.70	0.9	1	0.2	4.0	15	-1.8	-47	-7	61	0.4	-1.8	6.8	2.8	16.9	-8	-12	-0.44	-1.24	-1.35	-0.11
																28	37	34	28	29	27	28	26	27	16	15	28	28	25	18	30	28	27	28	27	28	28

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	EHB 240017	SONNIE	VST 170133	PRB 080003	0.8						9367	10652	9348	11749	11439	11747	10854	10738	11744	10537
											★★★★☆									
1	EHB 240027	KEULEMAN	PRB 190009	YSB 210024	0.8						7559	12144	10536	9237	10733	10739	11545	10838	10939	10824
											★★★★☆									
1	VST 170133	VST17133	VST 110001	BOS 110167	0.0	HH	0	0	0		7592	10490	9786	9486	9385	8079	9389	11886	8981	11486

Selection List on Cow Value

Cows 2 years and older

ID Sorted on ID	Name	Sire ID	Dam ID	% 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	EHB 190002	EHB 190002	PRB 120020	PRB 080003	1.6						96	81	114	53	103	60	96	56	122	44	124	53	115	59	103	33	122	47	100	30
											★★★★★																			
1	EHB 220009	EHB 220009	KB15A	PRB 170031	0.0						101	68	111	55	87	51	97	49	109	44	110	49	105	56	104	34	109	44	100	30
2	EHB 220013	EHB 220013	VST 120006	EHB 190002	1.4						100	71	112	48	104	50	96	49	107	42	114	47	113	52	97	41	111	45	102	38
3	PRB 120016	PRB12016	Z 060051	CI 060007	0.0	HH	0	0	0		87	90	109	86	88	87	98	88	130	85	114	78	99	87	88	83	107	80	96	83
4	PRB 140054	PRB14054	Z 060051	BA 090113	1.6	HH	0	0	0		86	90	120	87	109	87	78	87	119	86	115	79	114	87	97	85	111	81	111	85
5	PRB 200049	PRB200049	HOT 150013	VST 160055	14.1						86	74	107	58	103	55	129	56	93	49	110	53	116	60	88	55	104	54	110	54
6	PRB 240029	LEE	PRB 190009	PRB 150001	0.0						84	63	121	51	101	48	96	47	104	35	111	45	118	52	116	34	115	42	110	22
7	VST 220101	JACKIE	HOT 150013	VST 160120	9.6						122	72	92	66	93	58	119	59	100	46	112	55	101	65	87	54	105	55	102	53
8	W 151048	W 151048	B 090020	B 090585	0.0	HH	0	0	0		99	89	87	84	75	84	133	84	134	82	117	76	85	85	45	81	94	78	49	80
9	YSB 190004	YSB 190004	VST 120006	PRB 160041	0.8						90	67	110	53	106	51	102	51	112	46	115	49	112	55	85	45	107	48	97	42
											★★★★★																			
1	EHB 160009	EHB1609	PRB 120053	PRB 140006	0.0	HH	0	0	0		108	86	82	82	94	81	123	81	111	81	105	74	88	82	96	80	102	76	95	80
2	EHB 180009	EHB 180009	PRB 120020	PRB 140054	0.1						67	73	121	47	107	47	78	47	113	44	100	47	109	51	102	40	100	45	103	36
3	EHB 220008	EHB 220008	KB15A	PRB 180059	0.0						103	71	90	55	85	51	110	49	119	44	103	50	85	56	82	32	96	45	82	28
4	EHB 230011	EHB 230011	VST 170133	STE 170029	1.9						102	62	98	47	97	38	105	38	101	37	101	41	99	47	114	38	106	40	107	36
5	EHB 230014	EHB 230014	VST 170133	EHB 190002	1.2						82	65	111	48	100	43	95	42	109	36	103	43	106	49	111	38	107	42	107	37
6	EHB 240008	EHB240008	VST 170133	PRB 140054	1.0						94	66	106	52	102	45	86	46	108	42	101	46	101	53	108	44	103	45	113	43
7	EHB 240014	EHB240014	VST 170133	W 151048	0.0						93	67	96	49	86	43	117	43	116	38	106	44	92	50	81	40	97	43	82	38
8	EHB 240023	EHB240023	VST 170133	EHB 220013	1.9						90	63	110	47	101	40	95	40	102	36	102	42	107	48	108	40	104	41	108	39
9	K 120078	BEVERLEY	FN 060068	FS 080029	0.0	HH	0	0	0		91	91	114	85	121	87	85	88	89	84	101	78	119	87	93	83	98	80	119	82
10	PRB 210095	PRB210095	D 100013	NBOR100055	0.0						94	63	93	50	103	49	112	49	113	45	106	47	97	52	100	36	105	44	89	24
11	PRB 210097	PRB210097	D 100013	NBOR100055	0.0						96	63	93	50	102	49	112	49	112	45	106	47	96	52	100	36	104	44	89	24
12	STE 180036	STE180036	HOT 110003	FN 100002	1.6						112	73	100	50	85	49	103	51	107	47	106	49	96	54	98	38	104	46	104	32
13	VST 180158	LIZZIE	MHB 060030	SPJ 070106	0.0						96	75	107	65	99	68	98	63	102	57	104	59	105	67	74	58	93	59	86	58
14	YSB 210024	YSB 210024	W 150811	PRB 150007	1.4						62	63	128	52	99	45	88	46	111	41	104	46	115	52	98	44	102	45	108	32

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	EHB 200001	EHB 200001	PRB 150034	PRB 170031	4.6															
2	EHB 210008	EHB 210008	BU 170147	VST 180165	3.5															
3	EHB 240013	EHB240013	VST 170133	PRB 210095	0.0															
4	EHB 240015	EHB240015	VST 170133	EHB 200001	4.3															
5	EHB 240016	EHB240016	VST 170133	VST 180158	0.8															
6	EHB 240022	EHB240022	VST 170133	EHB 160009	3.5															
7	PRB 130036	PRB130036	KB15A	PRB 110016	0.0	HH	0	0	0											
8	PRB 210018	PRB210018	SE 120004	BA 050030	0.2															
9	SPJ 160106	SPJ 160106	SPJ 110107	SPJ 100116	0.0	HH	0	0	0											
10	VST 180165	LIZZIE	TLM 040578	SPJ 070106	0.0															
1	EHB 240007	EHB240007	VST 170133	VST 180165	0.0															
2	PRB 170031	PRB170031	PRB 130020	PRB 140039	0.1															
3	PRB 170034	PRB170034	PRB 130020	PRB 140303	0.8															
4	PRB 240023	LEE	TLM 020001	PRB 150001	1.6															
1	EHB 240018	EHB240018	VST 170133	PRB 130007	1.6															
2	PRB 180045	PRB180045	PRB 130020	PRB 120054	3.1															
3	PRB 180059	PRB180059	PRB 120049	PRB 160018	0.0															
4	PRB 210043	PRB210043	PRB 170015	PRB 180059	0.1															

Selection List on Cow Value

Bull calves younger than 2 years

ID	Name	Sire ID	Dam ID	Visual Score	Horned / Polled	Myostatin	Genomic test	Calving Ease Value	Calf Growth Value	Milk Value	Maint. Value	Fertility Value	Cow Value	Weaner Calf Value	Growth Value	Prod Value	Carcass Value										
Sorted on ID				% Inbreeding		nt821 F94L Q204X		Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc										
								★★★★★																			
1	EBH 250007	FONTINE	FN 190178	PRB 120016	0.2			100	59	109	44	87	44	93	45	130	40	119	42	100	47	110	32	120	39	115	29
2	EBH 260001	EBH 260001	VST 170133	PRB 140054	1.0			77	66	128	52	106	45	86	46	106	41	111	46	122	53	108	44	112	45	113	43
								★★★★★																			
1	EBH 250015	LEONARDO	VST 170133	PRB 120016	1.2			82	67	110	64	93	49	96	49	111	41	101	50	101	60	106	42	103	48	111	40
2	EBH 260005	TEODORO	VST 170133	EBH 190002	1.2			93	66	116	61	95	44	87	42	107	36	105	47	107	57	115	38	109	44	114	37
3	EBH 260011	DUKE	VST 170133	EBH 220013	1.9			93	55	108	47	100	40	95	40	100	35	100	40	105	46	108	40	103	40	108	39
								★★★★★																			
1	EBH 250012	RAGU		PRB 160044	0.0			111	39	96	29	113	29	81	30	99	28	96	28	98	31	81	22	89	26	94	20
2	EBH 250014	LUIGE		PRB 160044	0.0			111	39	96	29	113	29	81	30	99	28	96	28	98	31	81	22	89	26	94	20
3	EBH 260007	RALBOL	VST 170133	VST 180158	0.8			94	65	109	64	96	47	91	45	97	40	96	49	102	59	100	46	96	48	107	44
4	EBH 260012	BRUTUS	VST 170133	YSB 210024	3.9			75	53	116	48	98	38	91	39	102	35	96	39	106	46	108	40	99	39	111	38
								★★★★★																			
1	EBH 250019	MASALA	VST 170133	PRB 170031	1.9			76	66	113	65	93	45	88	42	96	37	85	48	99	59	116	40	93	46	110	39
2	EBH 260006	EBH 260006	VST 170133	PRB 210018	1.9			103	64	85	64	92	45	93	44	104	39	84	48	77	59	111	42	89	46	105	40
3	EBH 260008	EBH 260008	VST 170133	PRB 130036	2.0			114	66	85	47	86	39	103	41	96	36	87	43	81	48	102	38	89	42	102	36
								★★★★★																			
1	EBH 260002	EBH 260002	VST 170133	PRB 180059	0.5			104	66	78	65	89	45	100	43	101	38	78	48	71	59	93	40	78	46	89	37

Selection List on Cow Value

Heifers younger than 2 years

ID Sorted on ID		Name	Sire ID	Dam ID	Visual Score % Inbreeding	Horned / Polled	Myostatin 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	EHB 250008	LEE	FN 190178	PRB 120016	0.2					100 59	109 44	87 44	93 45	130 40	119 42	100 47	110 32	120 39	115 29
2	EHB 250010	LEE	VST 110001	PRB 120016	0.8					87 64	105 58	91 58	113 59	116 50	111 52	102 59	86 51	103 52	100 50
3	EHB 250011	FRANCHESCA	PRB 190009	W 151048	0.4					106 62	95 45	92 41	118 40	118 35	117 41	99 47	81 36	107 40	79 24
										★★★★☆									
1	EHB 250002	EHB250002	VST 170133	EHB 180009	1.3					76 63	119 47	103 39	85 39	105 37	100 42	110 48	110 40	103 41	109 38
2	EHB 250018	EHB 250018	EHB 220010	SPJ 160106	1.0					83 63	110 58	93 41	116 42	106 31	108 44	108 54	87 26	102 39	88 24
										★★★★									
1	EHB 250013	FREDERICA		PRB 160044	0.0					111 39	96 29	113 29	81 30	99 28	96 28	98 31	81 22	89 26	94 20
2	EHB 260009	CLAUDIA		PRB 200049	0.0					91 37	97 29	115 27	105 28	85 24	90 27	103 30	68 27	79 27	89 28
										★★★★☆									
1	EHB 250016	EHB 250016	VST 170133	PRB 210043	3.7					77 64	112 62	94 42	93 39	98 35	89 46	100 56	105 38	92 44	103 38
2	EHB 260003	EHB 260003	VST 170133	PRB 170034	1.8					79 65	105 65	94 43	90 41	93 35	80 47	92 59	110 38	86 44	101 37

