

BORAN

GENOMIC BREEDING VALUE REPORT

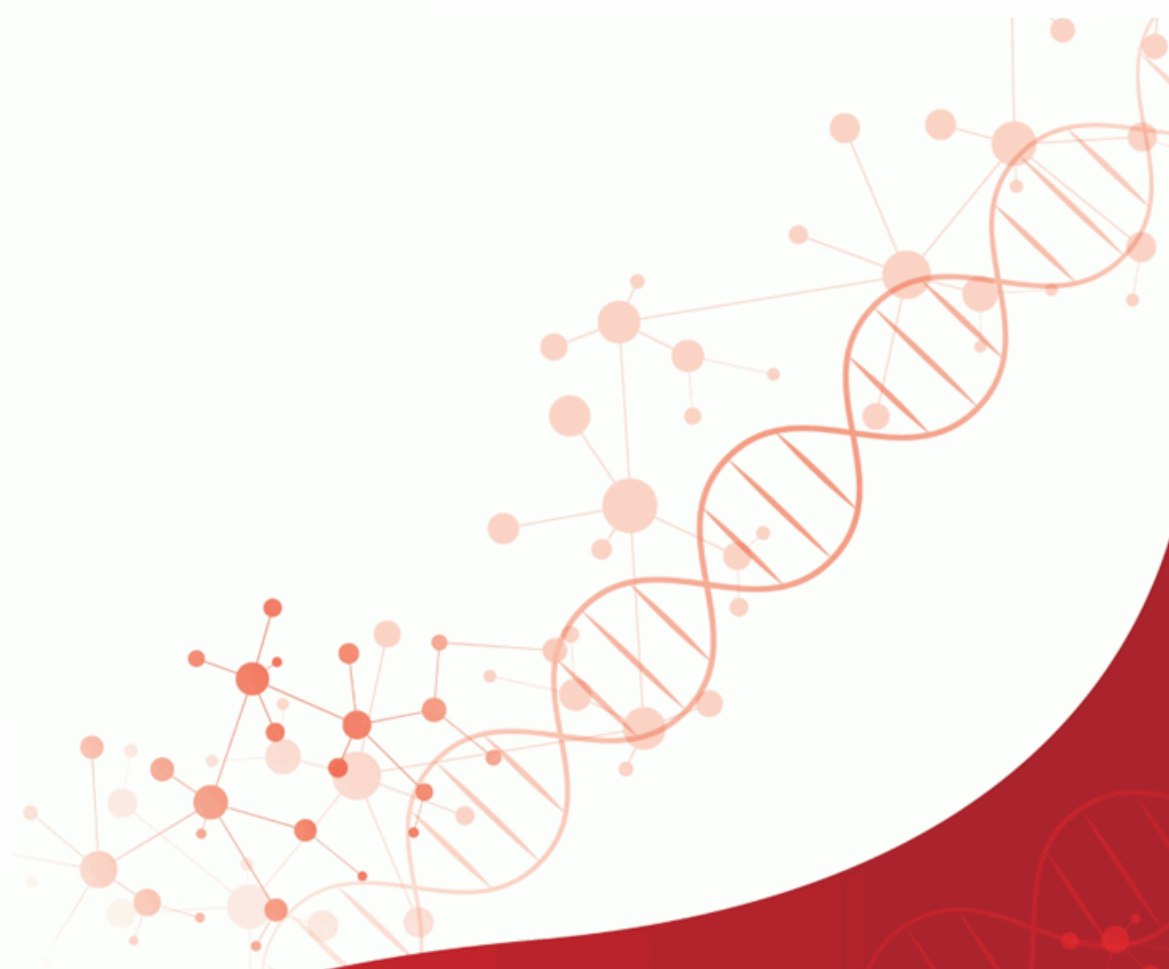
September 2026



MR S.P. JOHNSON

Herd Number: 580965

E-mail: edendale@katco.co.za



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

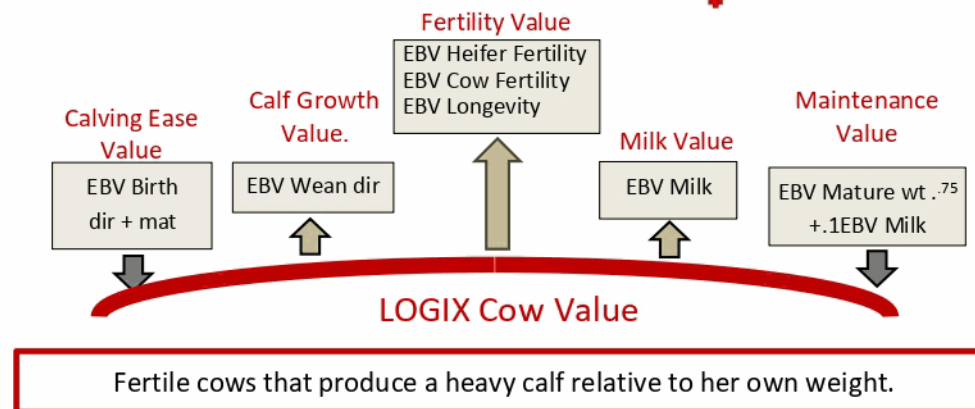
EBVi (Breeding Value Index): Genetic potential relative to the average (100) of the live animals in the breed. Roughly 50% of the animals have values between 90 and 110. Values above 100 tend to be in the more favourable direction.

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

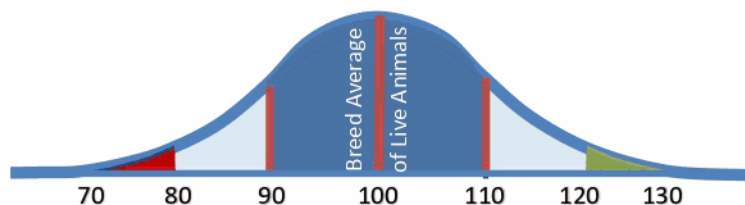
Growers are usually heavier at birth (lower Calving Ease Value), and maturity (lower Maintenance Value).

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

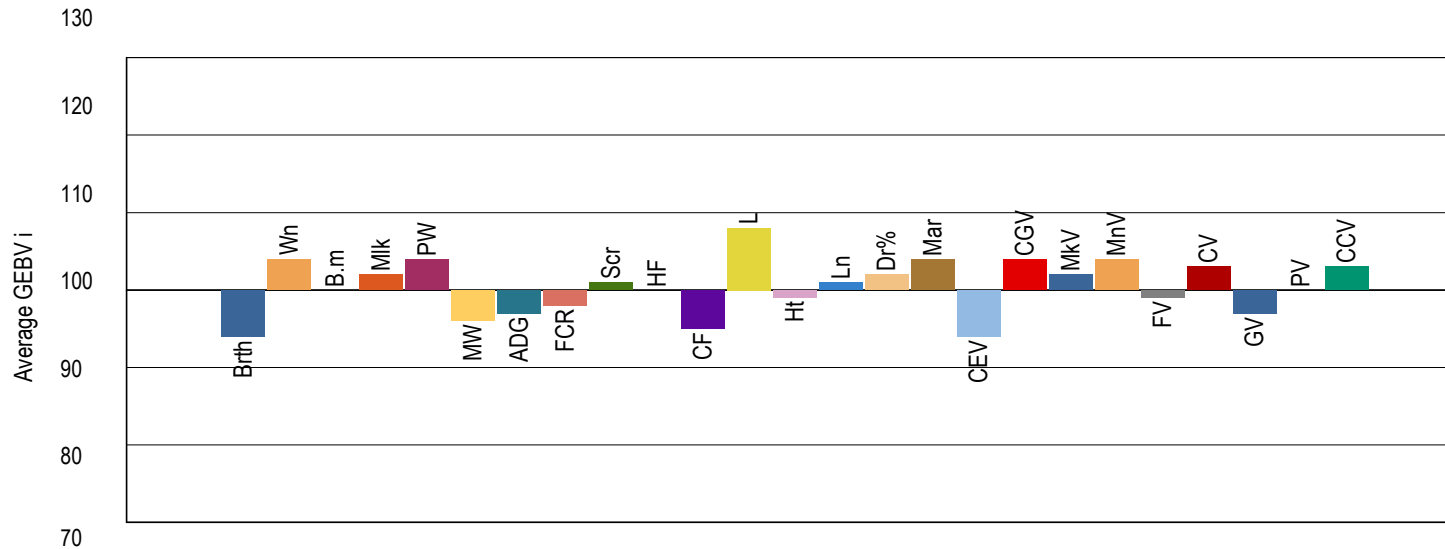


Examples

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
Prewean Growth	Birth Weight	0.76	94	0.35
	Wean Weight	2.5	104	1.3
	Birth Mat.	-0.20	100	-0.21
	Milk (Wn.Mat.)	1.1	102	0.5
Postwean Growth	Postwean Wt	6.2	104	4.0
	Mature Weight	3	96	7
	ADG	-7	97	-3
	FCR	5	98	0
Fertility	Scrotal Circumf.	2.5	101	2.0
	Heifer Fertility	-1.0	100	-1.0
	Cow Fertility	0.9	95	-0.1
	Longevity	37.1	108	30.6
Frame	Height	1	99	2
	Length	1	101	1
Carcass	Dressing%	0.03	102	0.00
	Marbling	0.02	104	-0.23

Selection Value	Ave. Herd
Calving Ease	94
Calf Growth	104
Milk	102
Maintenance	104
Fertility	99
Cow Value	103
Growth Value	97
Production Value	100
Carcass Value	103

- 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?:

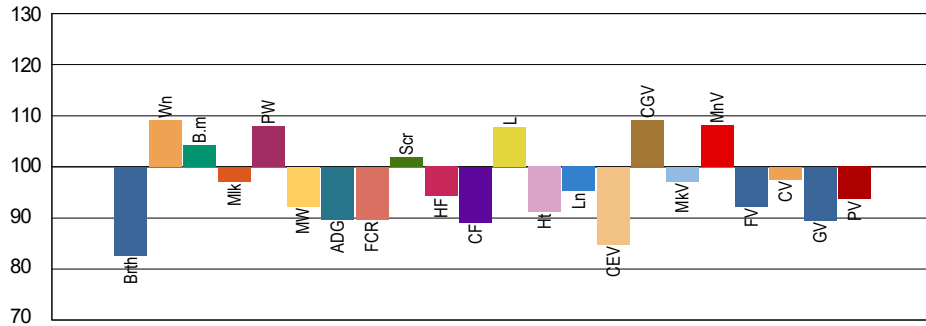
Calving ease:	Smaller calf at birth - easier calving
Calf growth:	Heavier calves at wean due to growth potential of the calf
Milk:	Cows with more milk and better mothering ability
Maintenance:	Animals with low maintenance requirements (lower mature weight).
Fertility:	Cows/daughters that calve earlier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

Genetic Windows

Bulls on the farm

Bulls born in 2023 and earlier

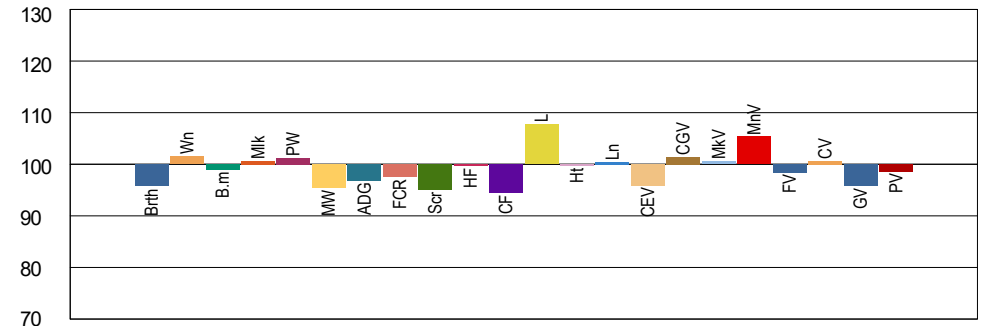
Total: 7



Cow Herd

Cows born in 2024 and earlier

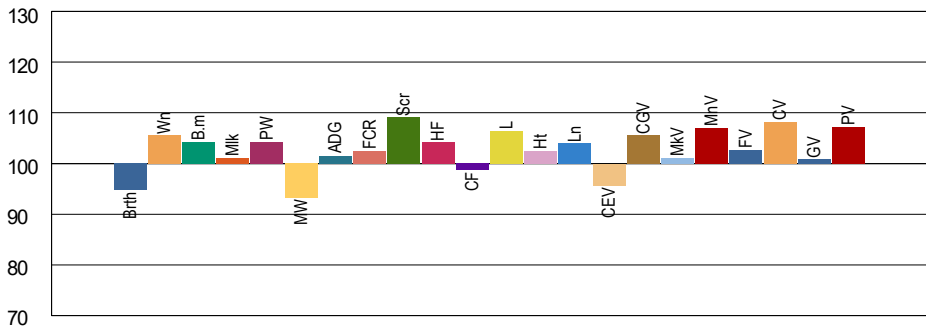
Total: 64



Sires of young animals

Sires of animals 3 years and younger

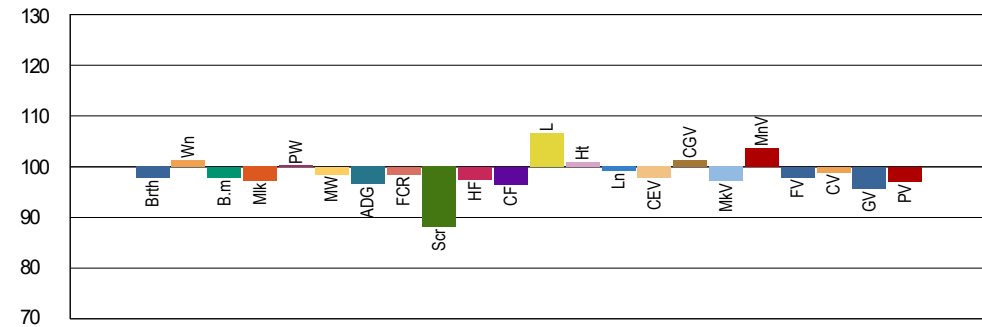
Total: 23



Cows older than 6 years

Cows born in 2020 and earlier

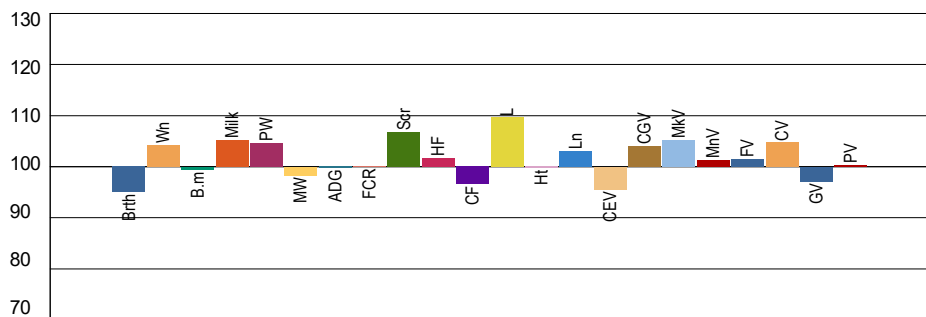
Total: 20



Bull calves

Bulls born in 2025

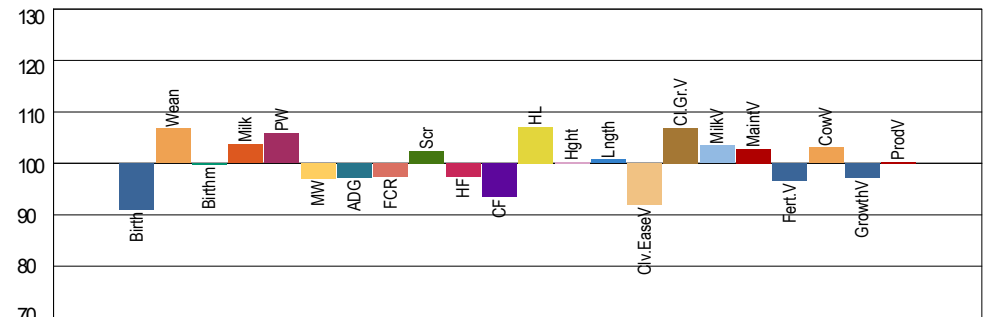
Total: 26



Heifer calves

Heifers born in 2025

Total: 33

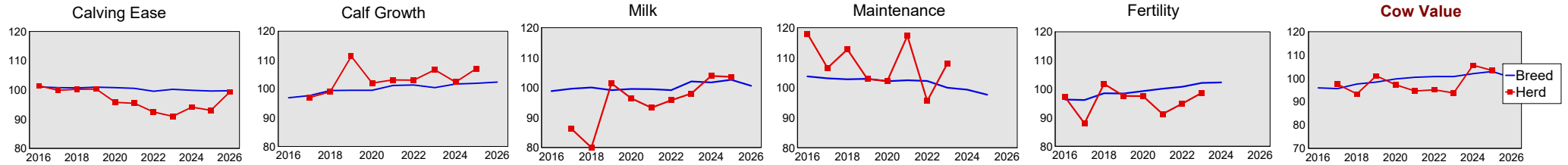


Summary of Cow Herd

			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	100	
2010	2	★★★★	95	100	99	96	103	95	99	95	96	100	94	99	102	110	101	99	88	108	100	101	99	98	98	
2011	2	★★★★☆	79	110	107	98	108	104	90	99	83	110	91	107	103	108	93	94	80	100	114	99	105	105	105	
2012	1	★★★★☆	80	118	117	73	109	104	113	108	78	118	100	117	121	133	116	112	110	108	103	112	112	116	116	
2014	1	★★★★☆	121	101	88	122	74	103	80	94	115	101	112	88	94	80	86	104	99	83	72	101	97	85	85	
2015	4	★★★★	97	116	97	82	92	96	114	101	99	116	94	97	117	121	111	113	83	93	90	106	126	116	116	
2016	1	★★★★	98	99	90	120	91	98	81	91	96	99	103	90	92	83	79	76	70	89	85	118	87	95	95	
2017	1	★★★☆☆	89	98	100	105	88	87	104	89	87	98	101	100	95	94	102	96	75	87	87	108	95	87	87	
2018	2	★★★☆☆	87	97	92	110	97	89	90	86	90	97	90	92	99	91	95	96	112	97	101	108	89	92	92	
2019	4	★★★★☆	112	89	93	124	98	104	86	98	108	89	107	93	88	76	87	90	89	100	92	110	86	91	91	
2020	2	★★★★☆	107	88	99	113	111	106	91	101	108	88	96	99	88	88	92	96	81	102	114	107	99	94	94	
2021	8	★★★★☆	108	91	104	113	100	105	95	102	106	91	106	104	91	87	96	96	89	101	94	112	99	101	101	
2022	12	★★★★	93	104	104	100	96	98	95	97	93	104	98	104	104	100	96	96	98	100	89	109	100	103	103	
2023	12	★★★★☆	90	108	99	105	97	100	96	98	89	108	98	99	107	95	96	97	98	98	93	108	99	101	101	
2024	12	★★★★☆	94	99	102	109	102	104	97	102	94	100	98	102	102	92	99	100	104	104	100	106	98	99	99	
2025	33	★★★★☆	92	107	103	103	97	103	97	100	91	107	100	104	106	97	97	97	102	97	94	107	100	101	101	
Cows in Herd Average:			96	102	100	105	98	100	95	97	96	102	99	100	101	97	96	97	92	98	95	107	99	99	99	99

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.



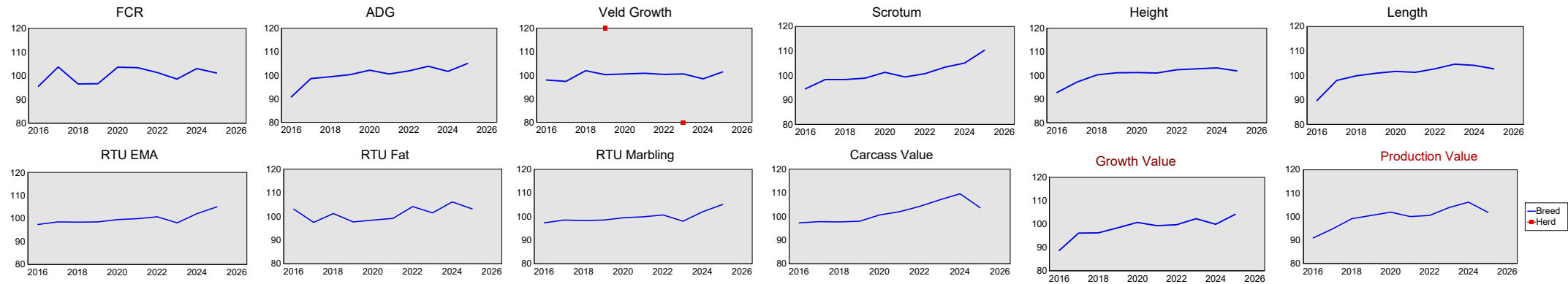
Herd

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		Number	EBV	
2016	35	0.48	-0.62	101							4	-9	118	6	-0.3	4	2.1	37	28.5	97			
2017	33	0.54	-0.37	100	4	0.3	97	4	-2.79	86		5	2	107	2	9.7		31	28.6	88	98		
2018	35	0.51	-0.34	100	3	1.0	99	3	-5.33	76		9	-5	113	6	-3.1	6	-0.1	32	29.8	102	93	
2019	32	0.40	-0.32	100	13	5.0	111	13	0.85	101	1	-9.9	10	3	103	6	-2.4	7	1.1	37	32.3	98	101
2020	23	0.59	-0.11	96	18	2.0	102	18	-0.35	96		5	4	102	3	1.2	5	-0.2	20	32.7	98	97	
2021	40	0.79	-0.35	95	20	2.3	103	20	-1.08	93		7	-8	117	8	0.9	5	2.6	31	31.6	91	95	
2022	39	0.88	-0.20	92	22	2.3	103	22	-0.49	96		15	11	96	13	-0.7	7	1.8	11	33.4	95	95	
2023	44	0.86	-0.06	91	22	3.5	107	22	0.05	98	1	-5.2	5	2	108	3	-0.3			99		94	
2024	41	0.78	-0.18	94	30	2.1	102	30	1.42	104												106	
2025	50	0.97	-0.30	93	35	3.6	107	35	1.33	104												103	
2026	3	0.49	-0.22	99																			

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	Number	
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			
2017																												
2018																												
2019							1	78	155																			
2020																												
2021																												
2022																												
2023							1	-77	53																			
2024																												
2025																												
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	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	Dght&clv (Weaned)
B	050072	K6K3094	91	109	109	114	98	112	133	122	128	93	101	75	88	109	109	119	110	133	65	131	61	122	127	84	82	122	121	114	95	124	113	55	5		
	63023592	Z7F108	93	75	75	75	73	71	54	66	52	0	0.27	2.0	-3	4.2	2.6	29	9.7	46	-59	-61	-1.42	13.3	-18.1	2.9	16.3	15	13.9	0.91	-0.61	1.17	0.17	1	10	15	
												71	94	87	75	75	75	75	52	54	28	27	60	59	77	49	93	57	52	50	54	50	52				
BA	080065	TLM 020003	98	101	108	72	106	92	98	92	100	128	93	121	134	101	108	93	102	99	73	96	61	90	87	122	101	107	100	82	87	111	81	42			
	71201404	BA 050030	88	71	74	75	69	68	58	65	53	30	0.80	-2.4	37	1.7	2.4	-27	5.0	-5	-47	9	-1.41	-2.9	7.1	-4.1	31.0	6	0.7	-1.17	-1.33	0.43	-0.24	4	9		
												69	91	83	75	71	74	73	59	57	32	27	61	60	70	50	87	59	56	51	55	51	53				
BH	160351	BBN 060008	97	113	143	87	96	118	132	127	148	121	98	101	111	113	143	137	115	136	90	128	78	137	93	95	106	147	148	146	106	117	145	51	36		
	84898642	06-0011BBN	88	87	69	71	56	69	62	67	28	24	0.50	-0.5	16	5.6	10.7	68	12.3	51	-21	-55	-0.68	20.8	3.8	0.9	35.6	29	30.6	3.02	0.49	0.76	0.58	6	9	11	
												65	92	81	71	87	69	76	71	60	15	17	71	67	56	35	77	65	57	27	29	27	28				
BU	140160	 CI 080030	108	98	129	92	97	108	81	99	97	100	114	99	105	98	129	118	100	78	100	54	132	74	100	93	104	80	102	117	95	99	115	61	40		
	81053738	 E 090051	95	94	92	91	90	83	92	86	88	7	-0.53	-0.3	12	0.5	7.3	27	4.1	-36	-6	91	1.61	-11.3	-0.9	1.3	33.9	-10	2.0	1.11	-0.59	-0.32	0.19	12	8	20	
												91	96	93	91	94	92	92	92	91	87	87	93	93	90	88	92	92	91	88	88	88	88				
BU	190121	 B 070044	111	110	110	94	122	131	125	136	114	101	107	119	104	110	110	113	107	124	98	120	116	104	111	124	113	106	109	118	103	112	118	21	6		
	89056832	 CI 110076	90	89	86	86	85	79	86	81	83	8	-0.07	-2.2	10	4.6	2.9	16	8.1	33	-9	-40	0.92	4.1	-8.2	-4.5	41.2	5	6.2	1.22	0.19	0.47	0.23				
												85	92	88	86	89	86	87	86	86	83	82	89	88	84	83	87	87	86	83	83	83	83				
BWS	140027	 MHB 040027	96	107	108	96	104	108	104	108	124	111	96	96	101	107	108	111	109	109	94	110	108	94	115	90	117	116	118	105	112	92	107	2	1		
	82187865	 MHB 060048	91	90	90	90	91	81	88	83	88	16	0.60	0.0	8	3.7	2.4	11	8.9	10	-15	-20	0.57	-1.2	-10.7	1.8	44.2	11	11.9	0.35	1.06	-0.70	0.09	1	5	7	
												89	91	91	90	90	90	90	88	88	86	86	89	89	92	88	94	89	88	88	88	88	88				
BWS	140046	FN 050028	122	85	85	103	97	92	106	95	100	103	116	116	96	85	85	80	89	102	88	94	114	87	85	106	104	96	91	104	103	99	105	1			
	80597354	FN 100541	68	56	58	58	62	54	50	53	44	9	-0.67	-1.9	3	-3.6	-2.9	-57	-2.0	0	-24	13	0.82	-4.7	8.7	-1.3	33.9	-1	-5.1	0.31	0.24	-0.26	0.06		2	4	
												47	66	66	58	56	58	57	45	49	32	31	53	51	65	42	80	51	47	43	46	43	44				
BWS	170085	TLM 030053	99	113	102	106	86	106	95	103	107	106	94	101	93	113	102	115	106	99	84	102	90	102	83	84	103	104	106	113	83	101	110	2	2		
	86470606	MHB 100030	58	54	45	43	45	45	36	42	35	11	0.73	-0.4	1	5.6	1.1	19	7.5	-5	-31	-3	-0.20	3.0	9.8	2.9	33.2	4	4.6	0.90	-1.73	-0.15	0.13				
												41	60	52	43	54	45	47	37	36	21	21	39	38	39	28	68	38	35	34	36	34	35				
BWS	190085	 PRB 130039	85	93	99	121	96	93	84	87	103	93	85	79	81	93	99	103	99	81	88	80	126	98	103	87	107	89	84	84	119	97	88	23	1		
	89706121	 BWS 140026	88	83	83	83	84	76	82	78	82	1	1.33	1.6	-10	-1.1	0.3	-6	3.2	-32	-24	40	1.35	1.0	-3.0	2.3	36.3	-5	-9.1	-1.03	1.79	-0.43	-0.15				
												83	90	86	83	83	83	83	82	82	81	81	82	82	83	82	86	82	82	82	82	82	82				
DBC	170023	NBOR060065	114	73	121	104	102	95	81	88	86	92	130	91	94	73	121	101	79	78	93	78	84	82	103	96	110	103	93	99	78	104	96	35	27		
	86008109	B 070400	82	85	64	58	54	64	46	59	42	0	-1.59	0.5	2	-7.4	5.4	-11	-7.7	-37	-16	44	-0.42	-7.2	-2.6	0.7	38.6	4	-3.6	-0.03	-2.25	0.00	-0.05	1	1	2	
												48	89	72	58	85	64	69	65	45	19	35	52	49	55	36	71	48	43	40	45	41	42				
DLV	100017	 B 040001	78	146	119	81	72	109	132	119	148	134	89	84	121	147	119	135	146	131	130	132	49	119	93	57	101	147	150	127	111	127	128	72	41		
	71114953	 B 050097	97	96	96	96	94	86	94	88	93	35	1.05	1.2	25	16.6	5.0	64	29.7	42	39	-63	-1.93	11.4	3.7	7.9	31.3	29	31.6	1.77	0.98	1.39	0.36	6	26	101	
												95	97	97	96	96	96	96	94	93	91	91	94	94	93	92	96	94	93	93	93	93	93				
DVB	040003	 KPO786	108	115	79	87	98	100	107	102	100	112	102	115	115	115	79	87	113	105	99	108	109	81	104	102	84	106	104	81	93	96	82	8			
	62770078	 KPO818	94	89	91	91	90	82	86	83	84	17	0.23	-1.8	20	6.2	-4.6	-41	11.1	4	-8	-15	0.61	-7.4	-3.8	-0.4	17.9	5	3.4	-1.21	-0.71	-0.47	-0.23	2	21	54	
												88	94	93	91	89	91	90	84	85	83	83	87	86	89	85	95	86	85	84	84	84	84				
FN	110229	 FN 050028	89	122	91	95	150	142	138	150	137	118	94	89	104	122	91	106	122	137	78	128	127	134	139	151	115	124	129	132	119	97	134	125	78		
	79471462	 FN 040023	98	96																																	

Sires

Bull				Selection Values										Birth			Wean				Grwth & Adaptation					Fertility				Raam		Carcass				Progeny	
Index EBV Acc	Genomic	Sire ID Dam ID	Comp.nr	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	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																																			Birth	Wean	Grwth Test
HOT 150013 83412940		MHB 040027 HOT 070009		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	
				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	55
													94	98	96	94	97	93	95	94	94	87	87	96	95	91	87	93	95	94	93	95	94	94			
HOT 180029 88266051		HOT 150012 HOT 170002		113	113	116	102	99	127	88	119	124	109	114	103	95	113	116	125	108	92	75	86	124	149	118	83	106	113	114	107	115	103	110	430	283	
				96	98	90	88	88	84	94	87	87	14	-0.58	-0.6	3	5.7	4.3	41	8.3	-16	-44	28	1.26	26.8	-12.3	3.1	35.3	10	9.5	0.50	1.43	-0.04	0.13	48		
													87	99	92	88	98	90	92	90	93	86	86	95	94	88	86	91	94	92	87	87	87	87			
K10011122 93402030		KPO1197 KPO1414		103	97	101	116	93	103			94	79	103	94	86	97	101	105	84	100	103	113	106	110	98	99	88	114	112	92	96	96	92			
				24	22	22	22	28	21			14	-11	0.18	0.2	-5	0.3	0.7	-2	-4.7	-3	-1	-25	0.49	6.9	0.4	0.2	20.6	10	8.0	-0.51	-0.42	-0.46	-0.10			
													21	24	23	22	22	22	22	17	17	6	7	19	18	22	16	45	18	17	13	15	13	14			
K17006017 94538998		PB/14613 K13002179		100	105	92	104	118	115	105	114	94	97	96	101	95	105	92	99	102	100	96	104	110	100	112	117	109	93	95	96	83	109	94	2		
				77	76	76	76	77	69	77	71	78	4	0.60	-0.5	3	2.8	-1.5	-16	5.1	-3	-12	-8	0.67	1.7	-8.5	-3.2	37.4	-2	-2.3	-0.25	-1.69	0.32	-0.08			
													76	77	77	76	76	76	76	76	77	75	75	79	78	76	76	79	78	77	77	78	77	78			
MHB 060030 64439946		25 KPO21		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	
				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	532
													98	99	99	98	99	98	98	98	97	94	95	98	98	97	95	99	97	97	97	97	97	97			
MHB 070009 66906959		TLM 020003 MHB 040011		105	101	89	114	97	103	88	98	89	88	110	135	89	101	89	97	97	89	74	84	49	56	81	114	92	92	88	60	84	87	60	41	25	
				96	95	94	94	93	85	94	88	94	-4	-0.31	-3.7	-3	1.5	-2.0	-20	2.5	-20	-45	33	-1.93	-20.2	11.5	-2.7	23.7	-3	-6.5	-2.62	-1.64	-1.00	-0.51	17	15	46
													94	96	95	94	95	94	94	94	93	94	91	91	95	94	93	92	95	94	93	93	94	93	94		
PRB 120027 75847582		BA 090111 BA 050030		107	100	58	96	103	85	101	87	94	100	105	107	105	100	58	65	100	106	80	105	64	112	105	116	95	126	116	91	68	117	87	76	37	
				93	89	84	86	69	76	78	77	70	7	0.06	-1.0	11	1.3	-9.5	-89	3.8	6	-36	-10	-1.27	7.9	-4.3	-3.0	26.5	17	10.6	-0.60	-3.16	0.77	-0.17	11	18	45
													83	95	90	86	89	84	86	78	76	24	22	84	81	71	48	87	79	75	67	74	68	70			
PRB 150024 82403171		PRB 100009 B 050079		108	69	99	122	117	98	94	96	79	81	115	85	80	69	99	86	78	94	111	100	68	79	108	125	99	100	93	70	80	106	69	11	5	
				79	69	65	70	50	61	44	56	42	-10	-0.64	1.0	-10	-8.9	0.3	-44	-8.4	-13	11	1	-1.12	-8.7	-6.3	-4.8	30.0	2	-3.4	-1.94	-2.06	0.12	-0.40	1	5	9
													62	80	75	70	69	65	68	46	44	20	20	51	49	46	32	72	47	42	39	44	40	42			
PRB 150034 82496357		HOT 090001 PRB 130019		106	100	92	107	105	107	88	101	96	100	101	112	93	100	92	97	99	93	79	90	103	100	103	104	107	89	93	99	104	99	100	82	12	
				90	77	68	73	57	67	66	67	60	7	0.30	-1.6	1	1.4	-1.4	-20	3.5	-13	-39	20	0.34	2.0	-2.8	-0.9	35.9	-5	-3.4	-0.02	0.34	-0.30	0.00	6	6	8
													64	95	82	73	77	68	73	60	65	33	33	78	76	55	39	77	74	68	57	63	58	60			
SPJ 110103 73782211		TLM 020001 SPJ 070007		108	82	106	114	82	85	83	81	83	96	104	102	88	82	106	98	73	81	58	69	116	56	92	81	95	87	76	88	106	88	89		1	
				78	69	73	76	65	65	52	61	48	4	0.08	-0.6	-4	-4.6	1.9	-18	-10.8	-31	-69	62	0.91	-20.2	4.3	3.6	26.5	-5	-14.3	-0.77	0.52	-0.97	-0.14	6	13	
													68	76	78	76	69	73	73	54	52	35	30	55	54	64	48	84	54	51	46	49	46	48			
SPJ 110107 73774804		HVT 970017 SPJ 070007		99	92	76	128	78	82	73	74	76	77	93	92	73	92	76	86	80	68	74	62	117	49	86	80	96	65	79	96	98	112	96	100	25	
				95	87	84	87	71	77	70	75	63	-12	0.82	0.4	-16	-1.2	-5.1	-43	-7.0	-50	-45	77	0.95	-23.7	7.8	3.7	27.5	-19	-12.6	-0.23	-0.22	0.48	-0.05	7	22	44
													77	96	92	87	87	84	86	60	70	34	39	77	74	72	51	91	74	67	60	66	60	63			
SPJ 140052 81239451		SPJ 110107 SPJ 100116		114	69	95	130	103	95	79	87	73	71	110	109	70	69	95	87	70	75	123	75	112	70	113	95	102	67	75	90	94	110	89	27	3	
				86	72	74	76	55	66	46	60	42	-17	-0.29	-1.3	-19	-8.9	-0.6	-42	-12.7	-40	29	50	0.72	-13.2	-9.4	0.8	32.1	-17	-14.8	-0.64	-0.66	0.36	-0.14	7	22	
													63	88	82	76	72	74	74	46	45	28	22	51	49	55	35	75	48	43	39	44	40	42			
SPJ 140108 80702905		HVT 970017 SPJ 070007		111	75	123	129	75	91	67																											

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
SPJ 180030 87923181	SPJ 140052 PRB 160036	94	90	92	113	106	95	88	91	90	91	91	93	89	90	92	92	90	85	100	82	121	83	113	92	116	86	87	95	98	94	95	10	6	
		77	67	60	64	46	58	38	52	41	-1	0.91	0.3	64	67	-1.3	-31	-1.3	-26	-6	35	1.11	-6.7	-9.5	1.4	43.3	-6	-7.3	-0.31	-0.31	-0.61	-0.07	4	5	
SPJ 200017 91535716	PRB 150024 SPJ 170029	100	79	89	128	115	100	88	95	77	74	102	83	73	79	89	87	83	89	102	94	77	82	109	117	111	97	91	74	80	111	73	9	3	
		72	65	49	51	36	51	32	45	29	-16	0.25	1.2	-16	-5.6	-2.2	-41	-5.3	-20	-4	13	-0.73	-7.0	-6.9	-3.2	39.2	0	-4.8	-1.67	-2.02	0.41	-0.35			
SPJ 210012 92067354	VST 150080 SRS 170008	70	127	110	93	84	97	115	103	115	118	73	81	105	127	110	123	126	114	91	111	78	104	84	82	108	116	114	123	107	90	123	36	10	
		79	77	52	53	40	57	44	53	42	21	2.10	1.5	12	10.2	2.8	39	18.5	18	-20	-22	-0.69	4.2	9.5	3.4	36.9	11	9.2	1.52	0.57	-0.81	0.29	1		
SPJ 210020 92068220	SPJ 180010 SPJ 150025	99	108	84	116	101	109	85	102	103	98	92	99	88	108	84	99	102	87	81	88	114	85	104	90	118	95	98	101	107	115	102	8	6	
		72	72	49	51	40	53	32	47	30	5	0.86	-0.3	-4	4.0	-3.2	-15	5.3	-23	-35	25	0.84	-5.4	-3.8	1.8	44.8	-1	-0.4	0.06	0.59	0.66	0.02			
SPJ 210028 93059525	DLV 100017 PRB 160012	81	131	111	77	82	97	121	105	135	134	88	92	126	131	111	116	132	120	107	117	55	110	93	70	108	120	132	126	101	110	125	1	1	
		64	61	59	59	49	53	48	51	44	35	1.12	0.4	30	11.4	3.0	23	22.0	27	4	-34	-1.65	7.1	3.6	5.6	36.9	14	20.1	1.72	-0.01	0.34	0.33			
SPJ 210030 93059541	 HOT 150012 SPJ 100116	93	100	117	109	116	119	93	113	107	97	89	95	91	100	117	118	108	97	108	94	130	149	114	110	113	83	94	117	97	97	115	47	30	
		91	91	85	84	84	79	85	81	84	4	1.04	0.1	-1	1.4	4.5	27	8.4	-8	7	12	1.49	26.8	-9.8	-1.9	41.0	-8	-2.8	1.12	-0.36	-0.42	0.20	6		
SPJ 220039 94979275	VST 180075 SPJ 100116	88	111	107	94	92	97	96	96	110	109	86	96	104	111	107	111	111	95	93	95	81	104	90	88	114	92	100	114	91	114	112	10	8	
		74	76	53	50	40	55	42	51	40	14	1.28	0.0	10	4.8	2.2	11	10.1	-10	-17	10	-0.55	3.8	5.5	2.2	41.8	-3	0.4	0.92	-0.96	0.57	0.15			
SPJ 220043 95403853	PRB 150034 SPJ 160109	107	103	101	94	106	108	98	106	102	110	101	111	104	103	101	101	98	102	72	102	107	91	98	97	121	104	105	103	101	93	103	3	1	
		65	54	50	53	43	48	42	46	38	15	0.31	-1.4	10	2.3	0.8	-10	3.1	0	-48	-4	0.26	-2.7	0.3	0.5	47.1	4	4.0	0.22	-0.02	-0.66	0.04			
TLM 020006 61035424	 K6K2459 ZF3675	97	71	82	129	90	73	79	68	62	77	90	93	72	71	82	76	77	86	74	73	92	86	91	103	88	54	57	72	88	84	71	121	62	
		98	97	96	96	95	87	93	89	92	-13	1.00	0.3	-18	-8.1	-3.7	-65	-9.0	-24	-45	55	-0.11	-5.3	5.0	-0.6	20.6	-25	-25.7	-1.82	-1.25	-1.18	-0.37	40	116	
TLM 030004 61035523	K6K2588 KPO1680	103	84	107	124	112	111	81	102	97	77	103	89	76	84	107	106	87	86	125	88	94	95	96	130	87	104	93	119	140	100	123	152	34	
		97	90	88	89	76	80	50	71	38	-13	0.15	0.7	-14	-3.9	2.3	1	-3.0	-24	32	23	0.00	-0.4	1.7	-5.6	20.4	4	-3.5	1.24	3.79	-0.25	0.30	1	30	
VST 110001 75222059	MHB 040027 HOT 070009	72	100	94	123	102	95	83	89	104	74	72	101	79	100	94	106	108	94	110	100	129	128	122	89	99	105	95	74	140	56	81	193	94	
		97	95	91	92	80	82	90	84	90	-15	2.20	-0.5	-12	1.4	-0.9	-1	8.2	-13	10	0	1.45	16.0	-14.9	1.9	29.9	5	-2.1	-1.71	3.87	-2.83	-0.24	30	34	
VST 120057 76046465	MHB 060030 MHB 070035	114	80	70	139	55	68	45	51	73	75	111	91	59	80	70	77	75	54	70	50	52	93	68	55	95	56	66	60	87	76	60	123	114	
		96	95	91	92	76	82	86	83	86	-15	-0.37	0.5	-29	-5.1	-6.7	-63	-9.8	-72	-52	101	-1.79	-1.4	19.7	8.2	26.9	-24	-20.4	-2.60	-1.36	-1.67	-0.51	24	41	
VST 150080 82155847	 DLV 100017 VST 120058	83	139	113	81	80	108	108	110	124	137	91	90	121	139	113	126	139	105	104	106	83	116	83	77	104	124	124	143	103	97	141	21	18	
		91	91	88	88	87	80	86	82	86	38	0.91	0.6	26	14.2	3.7	44	25.4	4	0	-12	-0.48	10.0	9.7	4.3	33.5	16	15.8	2.86	0.19	-0.42	0.53	8	14	
VST 160022 83959213	 VST 110001 MHB 060009	83	105	83	119	98	96	113	101	131	88	85	112	84	105	83	97	104	103	95	98	116	94	115	84	104	101	97	119	137	92	124	204	142	
		96	97	92	93	90	85	93	87	93	-3	1.35	-1.6	-7	2.9	-3.5	-20	6.4	1	-13	5	0.93	-1.2	-10.8	2.9	33.9	2	-1.3	1.27	3.54	-0.69	0.31	40	21	

Sires

Bull				Selection Values								Birth			Wean				Grwth & Adaptation					Fertility				Raam		Carcass				Progeny		
Index EBV Acc	Genomic	Sire ID Dam ID	Comp.nr	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	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	
Birth																																			Wean	Grwth Test
VST 180075 87762605		VST 120057 VST 150087		80 92	121 91	104 86	90 87	65 84	81 80	93 86	81 82	123 86	123 25	86 1.24	84 1.1	109 15	121 8.3	104 1.5	113 17	119 14.3	87 -23	77 -41	88 25	57 -1.60	106 5.2	67 19.9	65 6.4	105 34.5	93 -2	102 2.1	115 1.04	98 -0.31	127 1.37	115 0.19	43 6	22 6
VST 180128 87763082		SS 110031 VST 120056		118 84	91 86	105 68	131 73	104 55	123 68	109 74	123 70	98 73	77 -13	112 -0.43	102 -0.6	68 -21	91 -1.7	105 1.6	114 18	94 0.7	110 12	100 -6	124 -48	107 0.52	101 2.4	116 -11.5	91 1.6	102 32.3	109 7	107 4.8	117 1.11	95 -0.52	79 -1.45	115 0.19	29 6	24 7
VST 180177 88657416		MHB 040027 VST 120115		84 94	110 95	95 90	126 91	104 88	114 83	94 92	109 86	110 92	85 -6	77 1.87	87 0.8	75 -15	110 4.6	95 -0.8	116 21	101 4.6	101 -1	98 -9	121 -41	105 0.44	122 13.1	105 -3.9	96 0.7	114 41.9	107 6	100 0.5	104 0.30	125 2.38	119 0.93	108 0.10	106 23	79 14
VST 210268 93666246		MHB 060030 VST 150067		128 79	81 79	109 64	120 64	107 55	117 63	91 69	111 65	109 68	92 0	122 -1.09	117 -2.0	82 -9	81 -5.1	109 2.5	102 -9	79 -7.7	97 -8	105 2	103 -5	79 -0.65	125 14.5	104 -3.8	104 -0.7	112 40.0	85 -7	100 0.6	119 1.26	81 -1.93	113 0.53	115 0.20	24 63	16 85
W 110036 73987711		CI 070034 B 040069		88 98	118 97	90 95	93 95	75 83	84 85	121 78	94 83	113 65	111 15	85 1.30	97 -0.1	106 12	118 7.1	90 -1.9	101 -10	110 9.5	130 41	86 -28	124 -48	99 0.20	89 -3.4	100 -0.8	57 7.9	101 31.2	128 18	118 11.5	133 2.21	82 -1.82	126 1.31	129 0.37	294 3	108 78
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
Z7F703 93394872		Z7F147 Z7F240		114 79	104 79	101 79	90 79	108 80	112 71	110 79	113 73	103 78	112 16	108 -0.14	117 -2.0	109 15	104 2.5	101 0.7	99 -15	102 5.2	105 4	89 -22	104 -7	93 -0.07	94 -0.8	99 -0.5	115 -2.8	103 32.8	101 2	106 4.5	103 0.23	83 -1.72	112 0.49	101 0.01		

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	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 Thicken	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling	Dress %
Animal no	%	Parentage	EBV Acc																																		
SPJ 210030				HOT 150012		93	100	117	109	116	119	111	93	113	107	97	89	95	91	100	117	118	108	97	108	94	130	149	114	110	113	83	94	117	97	97	115
93059541				SPJ 100116		91	91	85	84	84	79	89	85	81	84	4	1.04	0.1	-1	1.4	4.5	27	8.4	-8	7	12	1.5	26.8	-9.8	-1.9	41.0	-8	-3	1.12	-0.36	-0.42	0.20
																83	93	88	84	91	85	87	83	85	80	81	87	86	83	82	86	86	84	84	85	84	84
SPJ 230010				VST 110001		78	110	89	121	104	105	107	85	99	98	80	73	92	81	110	89	107	109	90	98	95	121	101	112	95	107	99	97	87	116	87	90
95418927	1			SPJ 150025		63	57	57	60	48	51	58	50	51	49	-10	2.13	0.4	-9	4.4	-2.0	3	9.1	-18	-9	11	1.1	2.7	-8.9	0.8	36.5	1	-1	-0.85	1.52	-1.02	-0.13
																51	63	62	60	57	57	58	48	49	22	34	52	52	51	36	58	51	49	48	50	48	49
SPJ 230015				VST 180075		79	120	94	102	85	95	114	90	92	107	105	80	84	97	120	94	111	115	87	81	88	85	91	85	83	110	93	100	108	95	122	107
95419040	1			SPJ 150025		60	53	49	53	38	46	53	40	44	38	10	1.64	1.2	4	7.9	-0.8	12	12.1	-23	-35	23	-0.4	-2.7	8.5	3.1	38.8	-2	1	0.52	-0.58	1.08	0.09
																40	61	57	53	53	49	52	36	39	14	17	45	43	38	25	50	41	37	36	40	36	38
SPJ 230022				VST 180075		79	120	94	102	85	95	114	90	92	107	105	80	84	97	120	94	111	115	87	81	88	85	91	85	83	110	93	100	108	95	122	107
95419032	1			SPJ 150025		60	53	49	53	38	46	53	40	44	38	10	1.64	1.2	4	7.9	-0.8	12	12.1	-23	-35	23	-0.4	-2.7	8.5	3.1	38.8	-2	1	0.52	-0.58	1.08	0.09
																40	61	57	53	53	49	52	36	39	14	17	45	43	38	25	50	41	37	36	40	36	38
SPJ 230024				VST 110001		86	99	97	116	95	95	100	94	93	96	88	79	96	86	99	97	104	102	98	96	98	110	101	105	88	104	100	91	82	121	72	86
95418984	2			SRS 170008		61	57	57	59	46	51	58	48	50	48	-3	1.69	0.0	-5	1.1	-0.3	-5	4.8	-7	-12	5	0.7	2.7	-3.9	2.2	33.6	2	-5	-1.14	1.95	-1.91	-0.17
																52	60	61	59	57	58		48	48	21	33	51	50	48	34	56	49	47	47	49	47	48
SPJ 230051				VST 180075		79	121	95	93	80	87	111	91	85	107	114	80	88	106	121	95	107	116	88	75	86	77	91	80	81	106	91	99	108	93	120	107
96691571	2			SPJ 210013		64	64	47	46	35	48	59	38	45	37	18	1.63	0.8	12	8.1	-0.8	3	12.7	-21	-44	28	-0.7	-2.4	11.6	3.5	35.3	-3	0	0.55	-0.79	0.95	0.09
																40	70	56	46	64	47	52	36	38	13	16	44	42	34	23	48	41	37	35	39	35	37
SPJ 230053				VST 180075		100	94	94	114	81	87	96	84	82	97	96	98	96	88	94	94	97	91	81	74	79	75	89	79	84	104	79	86	101	92	117	100
96691589	1			SPJ 210006		64	65	47	47	36	49	60	40	46	37	3	0.50	0.0	-3	-0.6	-0.8	-20	-0.8	-31	-45	43	-0.8	-3.5	12.5	2.9	34.1	-10	-8	0.07	-0.84	0.75	0.00
																41	70	56	47	65	47	53	36	39	14	17	45	43	35	24	49	42	37	35	39	36	37
SPJ 240012				SPJ 210030		110	89	104	114	109	112	99	91	106	97	93	107	103	88	89	104	102	92	92	103	92	107	113	105	107	112	89	95	101	94	105	100
97250708	1			SPJ 210001		63	62	44	45	33	46	57	36	43	34	0	-0.11	-0.7	-3	-2.2	1.5	-9	-0.3	-15	-2	17	0.5	8.4	-4.0	-1.4	40.4	-5	-2	0.05	-0.68	0.09	0.00
																33	68	55	45	62	44	50	30	36	15	17	41	39	32	21	45	38	34	33	36	33	34
SPJ 240013				SPJ 210030		95	98	117	95	109	105	103	95	102	104	106	97	95	103	98	117	110	104	97	97	95	103	123	109	103	113	96	100	111	91	102	109
97250716	1			SPJ 220003		62	64	45	44	33	47	58	36	44	34	12	0.57	0.1	9	0.6	4.4	10	6.1	-7	-11	10	0.3	13.7	-6.5	-0.5	40.6	-1	1	0.73	-0.95	-0.09	0.12
																32	69	54	44	64	45	51	32	35	13	18	40	39	33	22	44	38	34	32	36	33	34
SPJ 240016				B 050072		89	104	98	102	104	100	101	111	103	105	98	95	83	96	104	98	103	106	113	75	113	69	111	117	99	95	109	106	100	86	118	98
97250740				SPJ 180015		68	62	54	53	44	52	61	34	47	32	5	0.67	1.2	4	2.6	0.0	-7	7.4	16	-44	-26	-1.1	7.7	-12.0	0.1	26.4	7	5	0.02	-1.44	0.84	-0.02
																44	71	62	53	62	54	56	34	34	16	15	38	37	46	29	57	36	33	31	34	31	32
SPJ 240024				VST 160022		89	121	94	100	93	105	117	127	114	138	104	86	95	98	121	94	110	122	117	111	118	99	95	103	83	105	127	118	118	125	115	121
97472179	3			VST 150095		69	69	58	58	43	55	66	52	54	52	10	1.28	0.1	6	8.2	-0.9	10	16.0	22	11	-36	0.2	-0.7	-3.2	3.1	34.8	18	12	1.18	2.40	0.64	0.27
																58	73	64	58	69	58	62	54	52	18	21	56	55	45	30	55	54	51	50	53	51	52
SPJ 240026				SPJ 210030		99	101	105	95	112	107	101	97	105	104	106	97	100	103	101	105	103	105	98	105	96	124	117	116	102	112	94	99	106	97	95	105
98387491	6			SPJ 220025		62	63	45	45	32	46	58	36	43	34	11	0.55	-0.4	9	1.6	1.6	-6	6.6	-6	1	9	1.2	10.4	-11.2	-0.4	40.3	-2	0	0.42	-0.39	-0.50	0.07
																32	69	54	45	63	45	51	29	35	17	17	40	38	32	21	44	37	34	32	36	32	34

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		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 %
				EBV	Acc																																		
SPJ 240027	98387509		SPJ 210030			SPJ 220016		99	94	105	118	108	110	102	83	102	92	90	96	94	84	94	105	107	93	84	93	83	117	101	109	103	109	79	86	101	95	102	100
								63	65	44	45	35	47	59	38	44	36	-1	0.62	0.2	-7	-0.7	1.6	3	0.0	-28	-16	34	1.0	2.4	-6.9	-0.6	37.6	-11	-8	0.09	-0.56	-0.14	0.00
																		34	70	55	45	65	44	51	31	38	16	19	43	41	36	24	46	40	37	34	38	35	36
SPJ 240029	98387525	3	SPJ 210028			VST 140065		99	112	101	99	79	96	114	98	96	106	111	100	97	99	112	101	110	111	100	98	109	86	103	89	71	105	105	104	107	94	98	106
								63	63	50	49	40	49	59	41	47	40	15	0.35	-0.1	6	5.4	0.8	9	9.9	-3	-9	-17	-0.4	3.4	5.8	5.3	34.6	5	3	0.49	-0.63	-0.32	0.08
																		48	67	57	49	63	50	54	40	41	22	22	43	43	40	30	50	42	40	38	41	38	40
SPJ 240031	98387533	7	SPJ 210030			SPJ 190025		103	101	103	115	112	120	110	88	113	98	93	97	101	87	101	103	110	101	91	108	92	117	116	110	104	115	85	93	108	93	104	106
								65	64	48	47	34	48	60	38	45	36	0	0.54	-0.5	-5	1.7	1.3	9	4.7	-17	6	16	1.0	9.8	-7.6	-0.9	42.8	-7	-4	0.53	-0.79	-0.01	0.08
																		35	71	57	47	64	48	53	31	37	16	18	41	40	34	22	46	39	35	34	37	34	36
SPJ 240039	98387608	5	SPJ 210030			SPJ 210038		98	109	110	105	105	117	117	101	115	114	101	98	95	94	109	110	118	112	102	113	103	103	125	108	95	113	100	107	115	98	108	114
								63	65	47	46	35	48	60	39	45	37	8	0.48	0.1	1	4.3	2.8	26	10.9	0	14	-6	0.3	14.6	-6.1	0.9	41.0	2	5	1.03	-0.24	0.24	0.19
																		36	70	55	46	65	47	53	33	38	16	18	43	42	36	24	45	41	37	35	39	35	37
SPJ 240040	98387616	1	SPJ 210030			SPJ 220015		89	106	107	97	111	108	106	89	102	103	105	88	93	101	106	107	109	107	91	94	89	118	113	110	106	113	96	101	116	93	103	114
								63	65	44	45	34	47	59	38	44	36	11	1.12	0.3	8	3.4	2.2	8	7.7	-16	-15	22	1.0	8.8	-7.3	-1.1	40.7	0	1	1.08	-0.75	-0.05	0.18
																		33	70	55	45	65	44	51	32	37	18	18	42	40	36	22	44	39	35	34	38	34	36
SPJ 240041	98387814	1	SPJ 210012			BWS 210047		83	119	111	95	94	106	121	111	109	122	113	83	90	103	119	111	120	119	113	92	109	91	105	93	90	113	115	117	123	108	94	123
								61	63	42	43	32	45	57	28	40	27	17	1.44	0.6	9	7.7	3.1	32	14.6	15	-18	-18	-0.1	4.3	3.6	1.7	40.9	11	11	1.53	0.75	-0.61	0.30
																		29	69	53	43	63	42	49	25	27	14	13	32	30	32	21	43	29	27	26	28	26	27
SPJ 240042	98387624	7	SPJ 210030			SPJ 190019		114	83	105	125	109	113	97	86	106	94	83	109	101	75	83	105	104	85	87	110	90	114	110	109	101	112	80	86	102	97	99	102
								64	63	47	47	35	48	59	38	45	36	-8	-0.21	-0.5	-15	-4.4	1.7	-5	-4.2	-22	8	21	0.8	7.2	-6.8	-0.3	40.5	-10	-8	0.18	-0.35	-0.28	0.02
																		34	70	56	47	63	47	52	32	37	16	18	42	41	36	24	46	40	36	34	38	35	36
BU 250099	98843170	9	BU 190121			BU 220016		129	82	106	101	108	108	93	100	107	93	90	134	126	96	82	106	94	82	98	100	93	115	90	106	105	108	86	90	103	99	101	102
								61	64	44	40	35	46	57	42	45	24	-2	-1.85	-2.8	4	-4.5	1.9	-25	-6.1	-6	-6	15	0.9	-2.8	-5.1	-1.1	37.2	-6	-5	0.19	-0.15	-0.19	0.03
																		44	69	52	40	64	44	49	42	41	21	17	47	45	36	23	45	44	40	23	25	23	24
SPJ 250004	98977507	1	SPJ 210030			SPJ 210001		112	85	105	115	110	110	96	90	104	97	91	109	104	87	85	105	100	89	92	103	91	107	112	105	107	113	88	95	100	94	105	99
								63	50	43	45	33	43	51	36	41	34	-1	-0.22	-0.7	-5	-3.5	1.8	-13	-2.3	-16	-1	18	0.5	8.2	-4.1	-1.4	41.4	-5	-3	0.02	-0.68	0.09	-0.01
																		33	69	55	45	50	43	46	30	36	15	17	41	39	32	21	45	38	34	33	36	33	34
SPJ 250009	98977515	8	SPJ 210030			SPJ 220036		92	91	107	110	111	103	95	86	97	89	95	89	93	91	91	107	104	97	87	103	86	117	116	111	104	116	77	82	99	95	99	98
								62	63	43	45	33	46	57	36	43	34	2	1.04	0.3	-1	-1.5	2.1	-5	2.2	-22	-2	28	0.9	10.3	-8.3	-0.9	43.0	-12	-10	-0.08	-0.60	-0.32	-0.03
																		32	69	54	45	63	43	50	30	35	17	17	40	38	34	21	43	37	34	32	36	32	34
SPJ 250015	98989460	4	Z7F703			K18000145		108	102	106	93	98					102	104	107	107	105	102	106	104	98	102			98	100	101	107	85	106	109	97	84	111	95
								11	9	10	10	17					8	10	-0.10	-1.0	11	2.1	1.9	-4	2.7	0		0.2	1.9	-1.6	-1.5	18.4	5	6	-0.17	-1.64	0.41	-0.06	
																		9	11	11	10	9	10	10	6	8		10	9	6	37	9	8	7	9	7	8		
SPJ 250018	98977549	5	SPJ 210020			PRB 210004		98	107	101	98	95	101	106	90	97	102	108	94	102	100	107	101	105	101	94	76	94	102	87	96	89	115	98	106	107	99	118	106
								62	63	42	45	32	46	57	30	41	27	13	0.75	-0.6	7	3.5	0.7	-2	4.8	-12	-42	13	0.3	-4.6	1.9	2.0	42.7	1	4	0.45	-0.21	0.83	0.08
																		34	69	54	45	63	42	50	33	30	21	14	32	31	30	22	43	31	29	26	28	26	27

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	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 %	
Animal no	%	Parentage	EBV Acc																																			
SPJ 250019	7			SPJ 210012	SPJ 220008	79	120	108	89	88	95	116	116	102	123	120	84	85	110	120	108	115	122	116	100	113	66	106	94	79	108	116	120	123	104	100	123	
98977556						61	61	43	45	32	45	56	32	41	30	23	1.38	1.0	16	7.9	2.3	20	16.1	20	-6	-25	-1.2	5.1	3.0	3.9	37.2	11	13	1.53	0.28	-0.24	0.29	
																36	68	53	45	61	43	50	31	32	16	13	36	35	31	22	44	34	31	29	32	29	30	
SPJ 250022	3			SPJ 210030	VST 110017	78	116	104	94	106	104	111	104	104	112	108	79	86	104	116	104	112	120	106	106	110	111	126	100	101	110	101	105	109	103	91	109	
99335523						67	54	48	48	40	47	55	44	46	41	13	1.70	1.0	11	6.4	1.5	14	15.1	5	2	-19	0.7	15.1	-0.7	-0.3	38.8	3	3	0.59	0.27	-0.79	0.12	
																40	72	59	48	54	48	50	37	43	19	20	47	46	40	29	51	45	41	39	43	39	41	
SPJ 250025	3			SPJ 210012	SPJ 210034	110	89	96	115	95	98	94	93	95	96	98	106	103	87	89	96	94	88	91	96	92	95	89	101	85	112	94	92	101	107	101	102	
99335531						61	62	40	43	29	44	56	26	39	25	5	-0.05	-0.7	-4	-2.4	-0.5	-25	-2.7	-16	-12	16	0.0	-3.3	-1.9	2.7	40.0	-2	-4	0.10	0.62	-0.16	0.03	
																28	69	52	43	62	40	48	24	26	14	12	30	28	28	18	40	28	25	24	26	24	25	
SPJ 250026	3			SPJ 210030	SPJ 180015	91	103	101	97	113	103	99	93	100	97	104	89	95	102	103	101	102	107	97	95	96	104	126	110	112	111	92	96	104	87	105	102	
99335549						64	66	50	47	36	49	61	40	46	37	9	1.05	0.1	8	2.2	0.7	-9	8.0	-7	-14	9	0.4	15.3	-7.2	-2.3	39.7	-3	-2	0.27	-1.32	0.05	0.03	
																36	70	57	47	66	50	54	34	39	14	17	44	42	37	24	47	41	37	35	39	35	37	
SPJ 250027	1			SPJ 210030	PRB 210081	106	102	124	99	105	118	117	114	121	121	108	103	106	98	102	124	122	104	116	88	110	107	133	99	101	114	108	114	124	99	101	123	
99335556						64	68	43	45	33	48	60	38	45	33	13	0.19	-0.9	5	2.0	6.2	34	6.4	20	-25	-19	0.5	18.6	0.0	-0.3	42.1	6	9	1.61	-0.22	-0.17	0.30	
																41	71	55	45	68	43	52	38	37	12	16	42	41	34	21	44	40	36	31	35	31	33	
SPJ 250029	2			SPJ 210030	SPJ 110167	79	115	113	82	124	114	111	98	111	112	118	85	90	119	115	113	111	116	101	107	106	121	124	113	124	112	108	114	110	87	111	108	
99335572						66	67	51	48	38	50	62	40	47	38	22	1.36	0.6	24	6.2	3.6	12	12.8	-2	5	-11	1.1	13.9	-9.1	-4.6	40.5	7	9	0.67	-1.32	0.42	0.10	
																40	71	59	48	67	51	55	35	40	17	21	45	43	38	27	49	42	38	36	40	36	38	
SPJ 250031	2			SPJ 210012	SPJ 220003	80	113	114	91	94	97	112	107	99	110	114	85	85	108	113	114	116	114	107	87	105	77	101	93	88	112	114	111	116	96	99	115	
99335598						62	64	42	42	29	45	57	26	39	24	19	1.35	1.0	14	5.4	3.8	22	12.0	7	-25	-9	-0.7	2.5	3.4	2.1	40.5	10	8	1.09	-0.49	-0.28	0.19	
																28	70	53	42	64	42	49	26	26	12	12	30	29	27	18	41	28	25	23	26	24	24	
SPJ 250032	2			SPJ 210020	FN 100791	92	118	93	89	104	106	110	105	107	113	117	90	101	111	118	93	102	115	106	88	104	116	88	112	93	110	116	117	102	101	105	103	
99335606						63	65	45	45	36	48	59	26	41	21	20	1.00	-0.5	17	7.3	-1.0	-8	12.5	6	-24	-7	0.9	-4.3	-8.4	1.3	38.6	11	11	0.18	0.02	0.07	0.04	
																32	69	55	45	65	45	52	24	25	13	14	28	27	35	24	48	26	24	20	22	20	21	
SPJ 250033	3			K17006017	K19001724					93			99		98	98	102	98	103	107	104	106	98	101		104	105	103	101	82	109	108	89	79	108	86		
6020162365										15			20		18	5	0.24	-0.2	9	3.6	1.4	1	2.7	-2		0.4	4.3	-2.7	-0.2	15.8	7	6	-0.73	-2.13	0.22	-0.17		
																7	8	8	8	8	8	8	6	19		24	22	7	5	32	21	17	17	20	17	18		
SPJ 250049	14			SPJ 220039	SPJ 230004	90	104	101	102	86	90	103	91	87	109	103	90	90	96	104	101	106	102	88	87	88	80	95	85	82	115	90	98	109	95	119	108	
99767675						60	63	40	43	28	44	56	28	39	28	9	1.00	0.5	3	2.5	0.8	-1	5.4	-21	-25	24	-0.6	-0.3	8.9	3.4	42.8	-4	-1	0.63	-0.54	0.90	0.11	
																30	68	52	43	63	40	49	26	28	11	12	33	31	26	18	40	30	27	26	29	26	28	
SPJ 250051	1			SPJ 220039	BWS 210047	94	105	111	101	99	106	110	98	104	113	103	92	96	97	105	111	114	107	99	96	98	92	102	98	94	116	99	104	113	101	101	106	112
99767691						61	63	42	43	32	45	57	27	40	26	9	0.86	0.0	4	3.0	3.1	17	7.6	-4	-13	4	-0.1	2.9	0.3	1.1	43.5	1	3	0.86	-0.02	0.06	0.16	
																29	68	53	43	63	42	49	26	27	12	13	30	29	31	21	43	28	26	25	27	25	26	
SPJ 250053	5			VST 210268	VST 220046	120	84	105	124	104	113	100	94	109	106	86	113	109	77	84	105	104	87	98	113	105	93	120	110	94	110	89	97	110	97	96	109	
99767717						62	66	44	47	35	48	60	42	46	41	-6	-0.48	-1.2	-13	-4.0	1.6	-5	-3.3	-7	13	-10	-0.1	12.0	-7.5	1.0	38.7	-5	-1	0.68	-0.39	-0.47	0.12	
																40	70	55	47	66	44	52	39	41	18	22	46	45	34	26	44	43	40	39	43	39	41	

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 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 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 %
SPJ 250056	99767733	5	SPJ 220039		SPJ 210023		97	103	99	114	98	107	107	89	101	102	97	91	98	88	103	99	107	102	89	96	91	96	94	101	90	113	89	92	103	100	109	103
							61	63	41	43	28	45	57	26	39	24	4	0.91	-0.2	-3	2.2	0.2	2	5.0	-20	-12	19	0.1	-1.0	-1.3	1.7	40.8	-5	-4	0.23	-0.07	0.28	0.04
							28	68	53			43	63	41	49		28	68	53	43	63	41	49	24	25	12	12	28	27	26	18	40	26	24	23	25	23	24
SPJ 250064	6020454739	3	SPJ 210030		VST 150095		84	123	110	94	102	113	123	117	118	125	111	86	88	104	123	110	121	127	114	117	117	106	123	103	96	110	118	117	116	105	117	116
							59	57	51	49	38	47	55	44	46	42	15	1.23	0.8	11	8.7	2.9	34	18.8	18	21	-33	0.5	13.7	-2.6	0.8	38.8	13	11	1.06	0.45	0.78	0.21
							47	61	55			49	57	51	52		47	61	55	49	57	51	52	41	43	16	18	49	47	39	27	48	46	41	40	44	40	42
SPJ 250065	6020454762	3	SPJ 210030		VST 150095		84	123	110	94	102	113	123	117	118	125	111	86	88	104	123	110	121	127	114	117	117	106	123	103	96	110	118	117	116	105	117	116
							59	57	51	49	38	47	55	44	46	42	15	1.23	0.8	11	8.7	2.9	34	18.8	18	21	-33	0.5	13.7	-2.6	0.8	38.8	13	11	1.06	0.45	0.78	0.21
							47	61	55			49	57	51	52		47	61	55	49	57	51	52	41	43	16	18	49	47	39	27	48	46	41	40	44	40	42
SPJ 250069	6020454788	2	BWS 190085		VST 150095		80	119	101	99	92	100	115	113	104	123	109	84	81	99	119	101	115	122	106	107	111	104	97	97	84	107	121	112	99	116	117	102
							55	45	46	45	37	41	47	34	39	32	14	1.37	1.5	6	7.5	0.8	19	16.2	6	5	-21	0.4	0.5	0.8	2.8	36.5	14	8	-0.02	1.52	0.77	0.03
							45	58	51			45	45	46	45		45	58	51	45	45	46	45	37	33	16	16	37	36	38	27	47	35	33	31	34	32	32
SPJ 250071	6020076607	4	SPJ 220039		SPJ 220025		87	106	103	94	100	96	102	99	96	106	107	86	93	104	106	103	105	107	98	97	97	100	94	104	91	112	99	103	105	94	104	104
							60	61	42	43	28	44	56	24	38	24	13	1.26	0.3	11	3.3	1.3	-2	8.1	-6	-11	7	0.2	-1.2	-3.5	1.6	40.5	1	2	0.36	-0.70	-0.01	0.06
							28	67	52			43	61	42	49		28	67	52	43	61	42	49	24	24	14	11	28	27	27	18	40	26	23	22	25	22	24
SPJ 250072	6020076615	1	SPJ 220039		SPJ 220023		79	116	102	93	99	98	110	94	96	106	108	81	87	106	116	102	109	112	93	90	94	98	88	94	99	110	97	105	110	89	116	108
							61	62	44	44	31	45	57	30	40	28	13	1.60	0.8	12	6.6	0.9	8	10.4	-14	-21	12	0.2	-4.1	3.0	0.2	38.7	0	4	0.65	-1.11	0.73	0.10
							33	68	53			44	62	44	50		33	68	53	44	62	44	50	28	29	12	15	33	32	29	20	43	31	28	26	29	26	28
SPJ 250073	6020076623	8	SPJ 220043		SPJ 220013		119	89	99	104	100	102	94	96	100	99	104	112	115	95	89	99	94	85	98	76	96	102	88	99	90	115	99	98	97	106	96	98
							59	42	38	43	29	39	44	26	35	24	10	-0.45	-1.9	2	-2.3	0.3	-26	-4.1	-7	-42	8	0.3	-4.3	-0.5	1.8	42.6	1	-1	-0.16	0.51	-0.45	-0.02
							29	65	51			43	42	38	41		29	65	51	43	42	38	41	25	26	15	14	29	28	29	20	38	28	26	23	24	23	24
SPJ 250076	6020076656	1	SPJ 210030		VST 180081		86	102	107	115	101	105	107	91	101	104	95	87	83	87	102	107	113	105	95	105	95	110	137	99	98	112	81	92	111	101	95	110
							66	67	48	48	36	50	61	42	48	41	2	1.22	1.2	-5	1.9	2.1	16	6.9	-10	2	10	0.7	20.8	-0.6	0.2	40.6	-9	-4	0.74	-0.01	-0.51	0.14
							40	72	58			48	67	48	54		40	72	58	48	67	48	54	38	42	15	20	47	45	35	26	48	44	40	39	43	39	41
SPJ 250078	6020076672	7	SPJ 210030		SPJ 190019		113	84	105	124	109	114	98	85	106	94	85	108	102	77	84	105	104	87	87	110	89	114	110	109	101	112	79	85	102	97	99	102
							64	63	47	47	35	48	59	38	45	36	-6	-0.18	-0.6	-13	-3.8	1.6	-4	-3.5	-23	9	23	0.8	6.9	-7.0	-0.3	40.5	-10	-8	0.17	-0.35	-0.28	0.02
							34	70	56			47	63	47	52		34	70	56	47	63	47	52	32	37	16	18	42	41	36	24	46	40	36	34	38	35	36
PRB 260008	6020205784	4	HOT 180029		PRB 230060		73	122	112	104	118	124	124	106	123	130	104	81	70	94	122	112	128	124	107	89	101	135	146	123	108	109	112	118	126	131	105	130
							64	60	47	41	36	46	56	52	48	33	10	1.61	2.5	2	8.5	3.5	49	17.4	8	-22	-2	1.7	25.0	-15.5	-1.5	38.2	9	12	1.76	2.94	0.05	0.39
							38	71	54			41	60	47	49		38	71	54	41	60	47	49	46	52	24	22	54	51	37	26	46	52	49	32	34	32	33
SPJ 260001	6020076706	1	SPJ 210030		SPJ 210001		109	88	106	115	110	110	98	90	105	97	91	106	102	87	88	106	102	91	92	103	91	107	112	105	107	113	88	95	100	94	105	99
							63	50	43	45	32	43	51	36	41	34	-1	-0.01	-0.5	-5	-2.8	1.8	-9	-1.0	-16	-1	18	0.5	8.2	-4.1	-1.4	40.6	-5	-3	0.02	-0.68	0.09	-0.01
												33	69	55			33	69	55	45	50	43	46	30	36	15	17	41	39	32	21	44	38	34	33	36	33	34

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 %
FN 100791		DVB 040003		FN 080297	97	119	102	73	108	106	112	119	112	114	135	99	107	134	119	102	99	119	120	100	115	116	87	121	96	99	130	129	96	95	94	96
76456656					80	65	75	75	57	63	70	38	55	30	36	0.40	-1.1	37	7.4	0.9	-14	14.7	26	-7	-29	0.9	-4.8	-14.7	0.7	29.4	19	19	-0.25	-0.55	-0.57	-0.05
															53	76	80	75	65	75	72	35	38	17	20	43	41	59	39	74	41	37	29	31	29	30
SPJ 100157		TLM 020006		SPJ 070002	92	81	95	118	98	83	81	79	77	69	87	93	85	85	81	95	90	85	81	87	82	89	89	95	104	102	68	67	80	87	108	79
73256414					83	69	78	75	55	65	74	40	58	34	-5	0.84	1.0	-7	-5.0	-0.6	-36	-4.2	-31	-26	36	-0.2	-3.6	2.0	-0.9	32.4	-17	-20	-1.29	-1.38	0.24	-0.27
															56	78	82	75	69	78	74	42	38	19	21	44	40	58	36	72	41	37	32	36	32	34
SPJ 110003		TLM 020006		SPJ 070007	93	83	106	132	85	90	95	76	82	75	80	87	89	66	83	106	110	77	79	52	70	98	62	89	89	92	75	77	80	95	91	80
73323560					85	71	79	76	58	66	75	46	60	40	-10	1.21	0.6	-23	-4.3	2.0	10	-9.0	-34	-79	61	0.2	-17.4	6.2	1.9	24.3	-12	-14	-1.29	-0.51	-0.76	-0.25
															62	80	83	76	71	79	75	48	46	26	24	51	49	60	40	75	48	45	39	42	39	40
SPJ 110167		Z 060051		SPJ 080003	65	136	107	63	131	117	125	104	116	118	145	79	87	150	136	107	107	129	106	105	117	112	97	111	139	106	134	133	104	77	125	101
73259012					83	70	80	77	55	65	75	47	60	42	44	1.70	0.8	51	13.3	2.1	3	20.1	5	2	-34	0.8	0.6	-8.2	-7.4	35.6	22	21	0.26	-2.28	1.26	0.01
															61	79	83	77	70	80	76	49	46	24	29	51	50	54	41	69	49	45	41	44	41	42
HJ 120045		BA 080065		HJ 100006	80	118	117	73	109	104	115	113	108	115	137	78	102	133	118	117	111	121	116	79	112	67	110	108	103	112	112	116	110	92	112	109
76649508					83	63	74	61	52	60	68	36	53	32	38	1.79	-0.6	36	7.3	4.6	10	15.6	21	-38	-24	-1.2	6.9	-6.2	-0.6	39.9	9	10	0.67	-0.83	0.46	0.11
															54	81	76	61	63	74	66	36	35	18	16	39	38	54	34	69	37	34	31	34	31	32
VST 140065	6	MHB 060030		MHB 050006	121	101	88	122	74	103	110	80	94	83	95	115	110	80	101	88	101	94	86	86	104	117	99	83	72	101	97	85	94	88	88	92
80614688					80	73	79	77	63	67	76	66	67	66	3	-0.64	-1.3	-11	1.7	-2.3	-11	0.7	-24	-28	-8	0.9	1.5	9.7	5.1	31.1	0	-9	-0.40	-1.26	-0.96	-0.10
															77	77	80	77	73	79	76	64	66	35	39	71	70	64	50	74	68	65	64	67	64	66
SPJ 150102		MHB 070009		MHB 050035	89	111	98	74	107	93	99	94	92	93	139	89	104	132	111	98	93	113	96	93	90	82	66	95	113	106	100	101	71	78	83	70
82798778					82	66	77	76	50	63	72	45	58	46	39	1.05	-0.8	35	4.8	0.1	-29	11.5	-9	-17	21	-0.5	-15.0	2.0	-2.6	35.4	2	1	-1.89	-2.20	-1.22	-0.39
															57	77	82	76	66	77	73	40	44	15	14	49	49	51	32	66	47	43	44	47	44	46
VST 150079		DLV 100017		MHB 110060	121	110	108	92	81	107	118	121	114	123	112	117	117	106	110	108	110	114	112	117	118	62	96	87	80	103	131	120	126	103	117	126
82155839					90	87	89	87	83	78	88	84	80	84	17	-0.75	-2.0	12	4.6	2.4	9	11.6	14	20	-36	-1.4	0.0	7.6	3.6	33.2	20	13	1.76	0.22	0.81	0.33
															87	89	89	87	87	89	88	84	83	80	80	85	85	82	81	85	84	83	83	84	83	84
VST 150095	1	DLV 100017		MHB 100005	74	145	103	84	88	111	138	142	125	143	124	84	82	117	145	103	124	146	132	127	138	82	96	91	81	108	154	140	115	114	137	117
82155995					91	88	89	89	84	79	89	84	80	84	27	1.42	1.4	22	16.0	1.3	40	29.2	44	34	-75	-0.5	0.0	4.6	3.4	36.7	33	25	1.00	1.25	1.97	0.22
															89	90	90	89	88	89	89	86	84	81	81	85	85	84	82	87	85	84	84	84	84	
W 151103		W 110036		B 090032	104	98	79	77	90	72	79	98	74	88	129	105	111	130	98	79	73	94	103	94	106	96	73	98	85	108	117	101	86	85	133	84
82620485					89	87	88	88	83	78	88	82	79	81	31	0.02	-1.4	33	0.5	-4.3	-73	0.4	2	-16	-11	0.1	-11.5	0.0	2.7	37.3	12	1	-0.90	-1.52	1.74	-0.20
															87	88	89	88	87	88	88	82	81	79	79	82	82	83	80	86	82	81	81	81	81	81
SPJ 160140		SPJ 110107		SPJ 120007	98	99	90	120	91	98	101	81	91	94	89	96	92	83	99	90	99	92	79	85	76	102	70	89	85	118	87	95	96	101	122	96
84997824					83	67	78	79	51	64	73	44	58	40	-3	0.64	0.4	-8	0.9	-1.8	-14	-0.6	-34	-29	48	0.3	-13.2	5.9	2.7	45.0	-6	-2	-0.24	0.07	1.08	-0.04
															53	78	83	79	67	78	75	40	43	29	26	47	45	52	34	66	45	42	39	42	39	40
SRS 170008		SPJ 110103		BS 140005	89	98	100	105	88	87	97	104	89	88	103	87	91	94	98	100	102	95	102	82	96	91	75	87	87	108	95	87	91	101	87	92
86232832	4				74	61	68	74	47	58	66	36	51	34	9	1.18	0.5	1	0.8	0.4	-9	1.5	0	-34	9	-0.1	-10.6	7.1	2.4	37.3	-1	-7	-0.57	0.03	-0.98	-0.11
															49	70	75	74	61	68	68	36	36	20	18	40	39	45	32	63	38	35	32	35	32	34

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 %
SPJ 180015 87923066		PRB 120027 SPJ 100157			86 79	99 67	87 76	95 74	108 48	88 62	86 71	91 44	86 57	83 39	103 9	88 1.16	90 0.6	104 11	99 1.1	87 -2.6	88 -40	102 5.4	96 -9	82 -33	96 9	77 -0.7	101 2.7	107 -5.2	114 -2.7	105 34.6	99 1	94 -3	87 -0.86	77 -2.27	112 0.51	84 -0.21
VST 180081 87762654		VST 120057 AH 160004			87 80	95 73	96 72	124 75	86 50	89 63	98 74	88 53	86 60	95 52	88 -3	92 0.90	72 2.3	78 -12	95 -0.2	96 -0.4	104 -4	96 1.6	93 -13	103 -1	96 9	91 -0.1	123 13.9	86 8.3	87 2.4	110 38.2	78 -11	89 -6	100 0.04	104 0.36	93 -0.63	101 0.01
SPJ 190019 88602412	2	SPJ 140052 SPJ 130113			124 77	82 59	91 69	129 74	101 48	109 58	94 65	82 38	101 52	85 36	81 -9	118 -0.79	109 -1.3	71 -19	82 -4.5	91 -1.7	93 -28	77 -8.7	83 -29	108 6	88 23	100 0.2	73 -11.7	102 -2.5	93 1.3	110 38.6	82 -8	85 -9	92 -0.51	97 -0.34	102 -0.12	92 -0.10
SPJ 190025 88602420	2	SPJ 140052 SPJ 150013			123 79	81 61	92 73	131 74	109 44	115 59	94 68	80 35	105 52	82 33	75 -14	117 -0.75	107 -1.1	69 -20	81 -4.9	92 -1.3	95 -25	77 -8.8	81 -31	110 9	87 26	104 0.4	79 -8.8	109 -6.6	99 0.1	116 43.7	84 -8	85 -8	92 -0.49	88 -1.22	110 0.37	91 -0.12
SPJ 190039 90056565	1	VST 150080 SPJ 150015			81 75	120 69	105 68	101 72	87 42	101 59	119 70	96 40	99 53	100 37	107 12	81 1.57	85 1.0	97 4	120 7.8	105 1.7	119 29	118 13.8	95 -10	85 -29	93 15	87 -0.3	96 -0.3	83 10.2	87 2.3	111 39.3	100 2	104 3	116 1.07	94 -0.70	100 -0.22	114 0.18
VST 190055 89103006	2	VST 120057 VST 160103			118 78	73 72	82 72	134 75	95 52	92 63	78 73	84 50	87 59	96 50	73 -16	115 -0.65	96 0.0	65 -24	73 -7.7	82 -3.7	80 -57	79 -7.7	87 -22	102 -2	93 14	71 -1.0	109 6.8	104 -3.6	88 2.2	104 33.4	77 -11	88 -7	75 -1.65	98 -0.30	104 -0.02	76 -0.31
SPJ 200015 91535690	2	PRB 150024 SPJ 150013			92 76	82 66	100 63	120 71	113 41	98 58	85 68	85 35	92 51	77 33	86 -5	100 0.34	75 2.0	82 -8	82 -4.5	100 0.5	96 -23	86 -3.7	88 -21	105 2	97 6	82 -0.5	82 -7.4	107 -5.2	115 -2.8	106 35.3	97 0	91 -5	76 -1.59	81 -1.91	108 0.22	74 -0.33
SPJ 200024 92067412		BWS 140046 BWS 180067			121 72	94 43	98 52	105 46	108 41	114 46	101 50	96 32	110 42	99 29	103 9	115 -0.62	115 -1.8	94 2	94 -0.5	98 0.1	97 -19	90 -1.8	96 -9	79 -38	95 11	104 0.4	79 -8.8	97 0.7	112 -2.3	107 36.1	100 2	96 -2	99 -0.06	95 -0.54	101 -0.19	98 -0.02
BWS 210047 91979609	2	BWS 140027 BWS 160099			101 64	100 55	114 64	106 69	106 48	114 53	110 60	101 35	112 48	117 34	101 8	99 0.39	98 -0.2	93 1	100 1.4	114 3.8	115 19	103 5.5	104 3	98 -9	102 -4	103 0.4	101 2.3	105 -4.4	100 0.0	117 44.3	107 6	110 7	112 0.81	110 0.93	96 -0.46	113 0.17
PRB 210004 91640482		SPJ 140108 PRB 170053			104 75	86 71	121 67	97 73	91 47	90 60	95 71	88 50	86 57	87 46	106 11	103 0.13	102 -0.6	100 7	86 -3.3	121 5.4	107 2	85 -4.4	93 -14	78 -39	93 14	88 -0.3	83 -6.5	91 5.0	88 2.1	110 38.2	91 -4	100 1	99 -0.03	91 -0.98	120 0.93	98 -0.03
PRB 210081 92914001		BH 160351 BU 170093			109 73	102 68	136 56	99 68	94 40	117 56	123 67	131 36	126 50	127 20	111 15	106 -0.03	107 -1.0	97 5	102 1.8	136 8.9	131 55	100 4.0	130 42	70 -52	122 -43	83 -0.5	113 8.4	86 8.3	93 1.2	111 39.1	128 18	127 17	124 1.62	100 -0.06	105 0.05	123 0.30
SPJ 210001 92067297	1	PRB 150024 SPJ 160140			116 71	81 52	95 59	120 69	104 39	102 52	89 58	88 32	97 46	87 30	86 -5	113 -0.47	104 -0.7	82 -8	81 -4.9	95 -0.6	91 -33	80 -7.1	87 -23	98 -9	88 24	85 -0.4	75 -10.8	96 1.5	105 -0.9	112 40.3	94 -2	95 -3	83 -1.09	90 -1.00	114 0.60	83 -0.22

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	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 %
SPJ 210002 92067305	1	PRB 150024 SPJ 160140		109 62	81 51	90 58	124 69	105 37	98 49	85 56	87 32	93 44	86 30	82 -8 41	109 -0.26 59	93 0.3 65	79 -12 69	81 -5.1 51	90 -1.9 58	87 -41 59	81 -6.7 30	86 -25 31	99 -8 18	88 25 17	85 -0.4 35	74 -11.2 33	99 -0.4 35	105 -1.0 24	110 38.2 52	92 -3 33	93 -4 30	83 -1.12 28	91 -1.00 31	114 0.60 28	82 -0.23 30
SPJ 210023 92918614	5	SPJ 180010 SPJ 180019		102 74	87 64	94 62	132 70	105 37	107 56	95 66	79 30	98 48	84 28	79 -11 35	96 0.62 74	97 -0.1 73	66 -22 70	87 -3.0 64	94 -0.9 62	102 -9 65	87 -3.5 30	79 -35 29	102 -3 19	83 35 19	110 0.6 31	83 -6.8 31	113 -9.3 34	93 1.2 26	110 38.5 52	82 -9 30	80 -12 28	84 -1.04 27	109 0.83 28	103 -0.05 27	86 -0.18 28
SPJ 210034 93033488	2	SPJ 180010 SPJ 190002		125 70	73 52	80 60	123 68	102 39	94 52	75 58	79 29	86 45	90 27	89 -2 34	123 -1.16 71	126 -2.8 69	80 -10 68	73 -7.7 52	80 -4.3 60	72 -75 60	69 -13.1 30	79 -35 29	94 -15 18	79 41 19	113 0.8 31	81 -7.8 30	115 -10.4 40	88 2.2 25	112 40.1 51	82 -8 30	84 -9 28	91 -0.58 26	107 0.64 28	113 0.52 26	92 -0.10 27
SPJ 210038 92918689		DLV 100017 SPJ 190025		99 74	121 68	104 67	101 71	93 46	115 59	125 69	108 42	116 54	117 40	107 12 50	102 0.24 74	93 0.3 73	97 5 71	121 8.1 68	104 1.4 67	119 28 69	120 14.8 43	107 7 21	119 23 20	111 -22 45	75 -0.8 32	99 1.6 44	103 -2.8 49	80 3.6 32	111 39.7 58	117 12 43	119 12 40	110 0.66 38	100 -0.12 41	119 0.88 38	110 0.13 40
BU 220016 93270106	2	BU 140160 BU 190069		128 71	75 69	106 61	113 53	92 46	97 55	88 66	80 48	89 53	79 30	78 -12 67	132 -1.71 73	117 -2.0 64	89 -3 53	75 -6.9 69	106 1.9 61	92 -30 61	75 -9.6 60	78 -36 47	98 -9 22	98 66 19	115 0.9 52	81 -7.8 51	99 -0.3 51	87 2.3 30	103 33.2 56	73 -14 50	81 -11 46	93 -0.43 29	96 -0.49 31	90 -0.82 29	92 -0.10 30
SPJ 220003 93608099		DBC 170023 HJ 120045		96 73	98 67	116 63	85 65	103 40	96 56	99 67	98 28	95 48	101 26	116 20 36	102 0.20 74	95 0.1 70	115 20 65	98 0.7 67	116 4.3 63	104 -3 65	102 5.1 38	98 -6 28	85 -28 13	97 7 19	76 -0.8 32	96 0.2 31	103 -3.2 39	95 0.8 26	113 41.0 54	109 7 30	106 4 27	105 0.38 25	85 -1.54 28	108 0.23 26	103 0.04 26
SPJ 220011 95400206		HOT 150012 SPJ 100116		81 71	102 63	121 65	98 71	103 50	101 58	107 66	93 49	98 55	107 44	105 10 52	84 1.42 69	84 1.2 72	99 6 71	102 2.1 63	121 5.5 65	119 28 66	111 9.9 50	97 -8 49	109 8 23	98 5 30	121 1.1 53	138 21.0 51	105 -4.2 53	100 0.0 36	108 36.8 62	100 2 51	99 0 47	98 -0.12 43	108 0.66 46	100 -0.22 43	99 -0.01 44
SPJ 220023 93873230		SPJ 110107 SPJ 110167		77 74	117 61	95 68	90 73	105 46	98 58	105 66	90 42	94 53	101 38	109 14 49	83 1.48 73	83 1.2 74	110 16 73	117 6.8 61	95 -0.6 68	103 -6 67	108 8.4 39	89 -19 42	88 -24 21	93 15 25	115 0.9 46	72 -12.4 44	98 0.4 45	109 -1.8 33	104 33.9 60	102 3 44	109 6 41	103 0.24 36	88 -1.25 40	119 0.88 36	101 0.02 38
SPJ 220025 93873222	4	SPJ 180030 FN 100791		96 70	103 54	95 62	88 70	108 38	96 53	94 60	103 27	98 45	102 26	113 18 37	97 0.55 70	100 -0.4 70	112 18 70	103 2.2 54	95 -0.7 62	93 -29 62	103 5.8 28	101 -1 28	100 -6 24	99 3 15	118 1.0 30	84 -6.0 28	118 -12.3 37	94 1.0 34	110 38.2 53	107 6 28	107 5 26	96 -0.27 24	96 -0.43 27	94 -0.59 24	95 -0.06 26
SPJ 220026 94979200		DLV 100017 PRB 160012		86 66	129 60	103 64	85 71	78 48	97 55	124 63	122 48	105 53	136 44	124 27 57	92 0.87 64	91 0.5 68	116 21 71	129 10.9 60	103 1.3 64	115 19 65	130 20.6 50	122 29 47	106 3 25	118 -36 21	56 -1.6 50	111 7.6 49	88 6.4 48	69 5.8 36	103 33.3 61	122 15 48	134 22 46	127 1.76 42	101 -0.01 45	110 0.34 42	126 0.33 44
SPJ 220030 95403770	3	VST 110001 SPJ 160109		85 67	105 58	105 58	104 60	104 52	102 53	105 60	95 52	100 53	106 50	95 2 54	79 1.71 65	100 -0.4 65	95 2 60	105 2.9 58	105 1.6 58	110 8 59	105 6.8 51	101 -1 52	89 -23 25	106 -12 34	113 0.8 54	104 4.1 54	111 -7.9 56	90 1.7 38	109 37.7 62	111 8 53	105 4 51	90 -0.66 49	119 1.75 51	71 -1.93 49	93 -0.08 50
SPJ 220036 94979259	3	SPJ 180030 SPJ 100157		88 70	84 64	97 57	112 68	105 40	86 55	81 64	81 27	81 47	74 26	91 -1 38	86 1.27 71	88 0.8 69	90 -2 68	84 -4.1 64	97 -0.1 57	91 -33 63	87 -3.2 31	80 -33 27	96 -13 25	80 41 15	105 0.4 30	84 -6.1 28	108 -6.0 44	99 0.1 24	114 41.8 51	74 -14 28	73 -16 26	82 -1.14 25	92 -0.84 28	100 -0.21 25	82 -0.23 26

Breeding Values and Accuracies: Cows & Heifers

Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass				
ID	% Inbreeding	Genomic Parentage	Index EBV Acc	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling	Dress %	
Animal no			Sire ID Dam ID																																	
SPJ 220041	4	VST 180075	180075 SPJ 180021	88	115	100	91	65	78	109	90	76	107	117	89	95	108	115	100	106	111	85	82	88	85	94	68	61	109	89	96	107	103	106	107	
94979283				70	67	58	69	41	56	66	42	52	40	21	1.08	0.1	14	6.1	0.5	1	10.0	-26	-33	25	-0.4	-0.9	19.8	7.3	38.1	-5	-2	0.46	0.25	0.14	0.09	
														43	73	69	69	67	58	65	38	41	15	18	47	45	44	26	53	44	40	38	42	38	40	
SPJ 220044	4	PRB 150034	150034 SPJ 160109	97	106	105	95	101	103	106	99	102	103	109	92	103	103	106	105	106	102	102	72	102	101	91	92	96	115	104	106	103	101	93	103	
95403846				65	54	58	69	45	52	58	42	49	38	14	0.86	-0.7	9	3.2	1.6	1	5.2	0	-48	-4	0.3	-2.6	4.0	0.8	42.8	4	4	0.24	-0.02	-0.66	0.05	
														43	64	67	69	54	58	60	38	41	23	21	48	47	47	30	57	46	42	36	39	36	38	
VST 220046	3	VST 180128	180128 VST 190028	109	95	99	124	99	111	105	102	110	108	86	102	103	78	95	99	106	101	104	117	111	108	118	114	84	107	99	102	106	112	80	107	
94023108				70	69	58	69	40	56	67	46	53	46	-6	0.22	-0.6	-12	-0.4	0.2	0	4.5	3	19	-22	0.6	11.2	-9.7	2.8	36.0	2	2	0.40	1.15	-1.45	0.10	
														51	72	69	69	69	58	65	56	46	15	23	51	49	41	27	52	48	44	44	47	44	46	
VST 220105	3	HOT 150013	150013 ED 140048	84	121	110	119	88	116	131	90	110	116	95	82	82	83	121	110	132	118	97	84	93	133	104	98	80	108	113	118	114	108	104	114	
94026093				73	71	65	72	47	60	70	54	58	50	2	1.54	1.4	-8	8.2	2.8	58	13.9	-7	-31	14	1.6	4.0	0.6	3.6	36.6	10	12	0.92	0.72	0.03	0.19	
														59	74	72	72	65	69	55	62	53	28	25	56	55	49	34	58	55	52	49	51	49	50	
PRB 230060		FN 110229	110229 FBGO190085	57	113	106	106	137	118	107	123	124	135	99	71	51	93	113	106	117	124	123	104	115	146	124	128	133	113	111	121	145	146	106	150	
95743290				72	70	55	55	48	56	66	54	55	48	6	2.21	4.3	1	5.5	1.9	24	17.2	31	0	-29	2.2	13.9	-18.6	-6.2	41.0	8	14	3.01	4.45	0.13	0.64	
														54	73	66	55	70	55	60	58	53	39	28	55	47	50	35	59	51	47	46	50	46	48	
SPJ 230004	4	VST 180075	180075 SPJ 160140	88	110	93	103	80	86	104	87	83	107	106	90	88	96	110	93	103	104	83	81	82	79	88	79	75	115	90	98	105	99	124	105	
95443644				70	67	59	69	37	55	66	40	50	38	11	1.01	0.8	3	4.4	-1.2	-7	6.4	-29	-35	36	-0.6	-4.1	12.8	4.5	42.9	-4	0	0.33	-0.12	1.22	0.06	
														42	72	69	69	67	59	65	36	39	17	18	45	43	36	24	52	42	37	36	40	36	38	
SPJ 230005		TLM 030004	030004 SPJ 200020	100	102	105	100	101	104	105	90	100	100	102	101	96	98	102	105	106	103	93	108	94	91	101	92	110	98	104	100	118	117	101	120	
95443651				67	65	54	52	44	52	62	32	46	26	8	0.27	0.0	5	2.0	1.7	1	5.6	-13	6	12	-0.1	2.6	3.9	-1.9	28.6	4	1	1.23	1.60	-0.16	0.25	
														45	71	61	52	65	54	57	32	31	14	13	37	35	45	30	58	34	30	25	28	25	26	
SPJ 230012	2	VST 110001	110001 SRS 170008	86	99	97	116	95	95	100	94	93	96	88	79	96	86	99	97	104	102	98	96	98	110	101	105	88	104	100	91	82	121	72	86	
95418992				61	57	57	59	46	51	58	48	50	48	-3	1.69	0.0	-5	1.1	-0.3	-5	4.8	-7	-12	5	0.7	2.7	-3.9	2.2	33.6	2	-5	-1.14	1.95	-1.91	-0.17	
														52	60	61	59	57	57	58	48	48	21	33	51	50	48	34	56	49	47	47	49	47	48	
SPJ 230018	1	VST 110001	110001 SPJ 150025	80	112	90	106	107	103	104	85	96	97	92	68	90	94	112	90	103	112	90	98	95	121	101	116	96	112	99	97	86	116	87	89	
95418901				68	60	63	72	50	56	63	50	54	49	0	2.42	0.6	2	5.1	-1.9	-7	10.8	-18	-9	11	1.1	2.7	-11.1	0.7	40.0	1	-1	-0.91	1.52	-1.02	-0.14	
														51	66	70	72	60	63	65	48	49	22	34	52	52	55	36	60	51	49	48	50	48	49	
SPJ 230021	1	PRB 150034	150034 SPJ 150025	86	113	92	102	107	106	106	88	100	94	101	82	93	97	113	92	104	109	90	81	90	108	88	105	103	114	92	97	100	98	108	99	
95419008				66	54	57	69	42	52	58	40	48	36	7	1.52	0.3	4	5.5	-1.4	-5	9.2	-17	-34	20	0.6	-4.1	-3.9	-0.6	42.2	-3	-1	-0.01	-0.25	0.25	-0.01	
														40	65	67	69	54	57	60	36	39	20	21	46	44	45	27	54	43	40	34	37	34	36	
SPJ 230031	2	VST 180075	180075 SPJ 210001	96	104	102	97	82	88	103	91	86	104	109	97	96	101	104	102	104	101	87	87	88	71	90	77	84	112	94	99	99	94	120	98	
95794269				69	53	54	68	36	51	58	36	46	35	14	0.53	0.0	8	2.5	1.1	-5	4.8	-23	-25	24	-1.0	-2.8	14.0	3.0	39.8	-2	0	-0.06	-0.66	0.98	-0.02	
														38	71	68	68	53	54	58	34	36	13	15	42	40	39	21	48	39	34	33	37	34	35	
SPJ 230036	2	VST 180075	180075 SRS 170008	85	110	102	97	77	83	106	99	84	106	113	87	88	101	110	102	107	107	94	79	92	74	91	77	76	106	94	95	103	99	107	103	
95794319				65	52	48	52	36	46	54	38	44	36	17	1.17	0.8	8	4.4	0.9	3	7.7	-12	-37	17	-0.9	-2.7	13.5	4.4	35.5	-2	-3	0.24	-0.14	0.20	0.04	
														41	70	59	52	52	48	51	36	37	14	15	43	41	34	24	49	40	36	34	38	35	36	

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 %
SPJ 230042 96747761	5	PRB 150034 YSB 190003			102 65	106 48	93 45	105 50	96 37	103 45	105 51	89 40	99 44	97 38	105 10	101 0.32	98 -0.2	94 2	106 3.2	93 -1.1	101 -10	101 4.6	94 -12	81 -35	95 10	99 0.2	95 -0.7	100 -0.8	93 1.3	103 33.2	96 -1	99 0	100 0.03	100 -0.11	89 -0.90	100 0.00
SPJ 230044 96691506	6	PRB 150034 SPJ 180021			104 67	95 62	90 50	116 53	87 40	93 50	96 60	84 42	87 48	87 38	93 1	98 0.51	103 -0.6	87 -5	95 -0.5	90 -1.8	94 -26	93 0.3	84 -27	86 -28	86 29	107 0.5	89 -3.6	92 4.1	82 3.4	106 35.2	82 -8	86 -8	93 -0.44	107 0.58	92 -0.72	94 -0.07
SPJ 230048 96691548	1	BWS 170085 BWS 210047			101 58	110 58	107 40	101 41	96 34	110 43	115 53	99 25	108 38	112 24	108 13	98 0.50	102 -0.6	97 4	110 4.5	107 2.1	114 17	107 7.7	103 2	90 -22	103 -6	97 0.1	102 3.2	93 3.3	92 1.5	110 38.8	108 6	111 7	113 0.87	97 -0.40	99 -0.30	112 0.16
SPJ 230055 96691605	6	B 050072 SPJ 210038			90 67	117 63	107 51	106 52	97 44	114 51	122 60	119 34	118 46	118 32	100 7	97 0.58	82 1.4	93 1	117 6.8	107 2.3	121 34	117 13.5	118 24	93 -16	120 -40	68 -1.1	110 7.0	115 -10.9	82 3.3	99 29.6	118 12	118 12	108 0.54	97 -0.36	121 1.01	108 0.10
SPJ 240001 96691654		B 050072 SPJ 200015			94 68	94 62	104 49	117 52	106 43	105 51	100 60	109 32	108 45	101 31	89 -2	103 0.16	76 1.9	85 -6	94 -0.6	104 1.5	106 1	97 2.3	111 13	85 -29	115 -30	71 -1.0	102 3.1	117 -11.7	99 0.0	96 27.7	110 8	107 5	93 -0.43	88 -1.26	116 0.69	92 -0.10
SPJ 240008 96818703	2	SPJ 200017 SPJ 200024			111 61	86 39	93 36	119 34	111 28	108 37	92 42	92 22	104 32	88 20	88 -3	109 -0.22	100 -0.4	84 -7	86 -3.2	93 -1.1	92 -30	86 -3.7	92 -15	90 -21	94 12	91 -0.2	80 -7.9	103 -3.1	115 -2.8	109 37.7	98 1	94 -3	87 -0.87	88 -1.28	106 0.11	85 -0.19
SPJ 240018 97472112	2	SPJ 210030 SPJ 150102			86 66	106 64	109 50	89 48	111 36	103 49	103 60	93 40	99 46	98 39	116 20	84 1.39	97 0.0	110 15	106 3.2	109 2.7	107 2	112 10.4	96 -9	101 -5	92 17	106 0.5	108 6.0	105 -4.0	112 -2.2	109 37.9	91 -3	97 -1	92 -0.52	88 -1.28	90 -0.83	91 -0.12
SPJ 240022 97472153	2	SPJ 200017 SPJ 180019			105 63	81 58	86 43	132 45	112 29	104 45	85 55	83 23	97 38	71 21	72 -17	103 0.18	89 0.7	68 -21	81 -5.0	86 -2.9	88 -38	83 -5.7	82 -30	112 13	89 22	91 -0.2	78 -9.3	112 -8.7	108 -1.6	109 37.6	85 -7	80 -11	75 -1.63	89 -1.19	102 -0.09	74 -0.33
SPJ 240023 97472161	2	SPJ 210012 HJ 120045			82 65	121 63	112 46	81 40	96 33	101 47	117 58	115 28	106 41	116 26	129 31	83 1.47	96 0.0	121 25	121 8.1	112 3.2	113 16	121 15.6	117 22	84 -30	113 -25	73 -0.9	108 6.0	95 2.1	92 1.4	109 37.9	116 11	117 11	117 1.15	99 -0.13	101 -0.17	116 0.21
SPJ 240028 98387517	1	SPJ 210012 SPJ 100157			84 66	99 64	103 47	106 46	92 35	89 48	98 59	95 30	88 43	87 27	100 7	86 1.29	83 1.2	93 1	99 1.1	103 1.3	105 -1	102 4.9	96 -10	90 -21	96 9	83 -0.5	95 -0.3	90 5.1	93 1.2	106 35.7	90 -4	88 -7	97 -0.17	97 -0.40	99 -0.30	97 -0.04
SPJ 240034 98387566	5	SPJ 210030 SPJ 220013			101 63	104 64	106 43	104 44	104 33	111 47	109 58	96 36	108 44	104 34	104 10	94 0.72	104 -0.8	94 2	104 2.6	106 1.9	110 9	105 6.5	98 -6	92 -18	94 12	117 0.9	119 11.7	106 -4.7	96 0.6	113 40.8	92 -3	97 -1	106 0.44	104 0.33	99 -0.32	107 0.09
SPJ 240035 98416654	2	K17006017 K13002144						89 14						98 18	97 4	102 0.21	98 -0.2	105 11	109 4.1	103 1.3	106 1		100 -3		105 0.4	105 4.7	101 -1.4		84 18.0	112 9	111 7	85 -0.95	77 -2.32	105 0.09	83 -0.22	

Breeding Values and Accuracies: Cows & Heifers

Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass				
ID	% Inbreeding	Genomic Parentage	Index EBV Acc	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling	Dress %	
Animal no			Sire ID Dam ID																																	
SPJ 240036	4	SPJ 210012	SPJ 210023	88	108	101	115	96	106	112	93	102	91	100	85	89	87	108	101	113	107	92	99	94	93	91	100	88	110	94	91	96	108	96	97	
98387574				62	62	41	44	28	45	56	26	39	25	6	1.32	0.7	4	3.8	0.8	15	7.7	-15	-7	12	-0.1	-2.6	-1.2	2.2	38.7	-2	-5	-0.27	0.71	-0.46	-0.04	
														28	70	54	44	62	41	49	24	26	14	12	30	29	26	18	40	28	25	24	26	24	25	
SPJ 240038	3	SPJ 210030	SPJ 220026	94	105	112	100	97	104	110	108	106	120	105	96	92	98	105	112	114	111	110	107	107	93	131	101	89	110	103	115	120	99	103	119	
98387590				62	63	46	46	36	47	58	40	45	38	10	0.62	0.4	5	3.1	3.2	18	10.1	11	4	-13	-0.1	17.6	-1.6	2.0	38.5	3	10	1.36	-0.18	-0.04	0.25	
														39	68	54	46	63	46	52	36	40	17	18	45	43	36	25	46	42	39	36	40	37	38	
SPJ 240043	1	SPJ 210030	SPJ 200015	89	97	108	111	114	109	102	92	105	94	95	91	85	90	97	108	109	102	95	105	98	106	118	109	112	111	93	97	98	89	102	97	
98387798				64	64	45	46	34	48	59	37	45	36	2	0.94	1.0	-2	0.2	2.4	6	4.9	-10	1	4	0.5	10.9	-6.6	-2.3	39.7	-2	-1	-0.09	-1.14	-0.09	-0.04	
														35	70	56	46	64	45	52	31	37	15	18	41	40	33	23	45	39	35	34	37	34	36	
VST 240126	8	VST 180177	VST 190055	101	92	88	130	100	104	97	89	99	103	79	95	91	70	92	88	99	91	94	100	107	88	116	104	92	109	92	94	89	111	112	92	
97653976				68	59	53	55	42	51	59	50	51	50	-11	0.67	0.5	-19	-1.3	-2.2	-15	-1.2	-12	-6	-14	-0.3	9.9	-3.7	1.5	37.9	-3	-3	-0.67	1.04	0.46	-0.10	
														55	73	62	55	59	53	56	52	49	27	24	53	52	44	31	52	51	48	48	51	48	50	
SPJ 250001	3	SPJ 210012	VST 180081	76	113	103	109	85	95	113	102	96	105	103	80	75	92	113	103	116	113	104	97	104	85	114	85	84	110	97	101	112	105	92	112	
98387632				65	53	44	46	33	45	53	34	42	34	9	1.68	2.0	0	5.7	1.3	22	11.1	2	-11	-7	-0.4	9.0	8.9	2.9	38.8	0	2	0.78	0.47	-0.72	0.15	
														37	72	56	46	53	44	48	34	34	14	15	38	37	31	23	44	36	33	32	35	32	34	
SPJ 250002	2	SPJ 210030	SPJ 160140	96	99	104	115	104	109	106	87	103	100	93	93	94	87	99	104	109	99	88	97	85	116	110	102	97	117	85	95	106	99	110	106	
98977481				66	54	50	49	36	47	55	40	45	37	1	0.81	0.2	-4	1.0	1.4	6	3.7	-21	-11	30	0.9	7.1	-1.9	0.4	44.1	-7	-3	0.44	-0.15	0.33	0.08	
														37	71	59	49	54	50	51	32	39	19	20	44	42	37	24	48	41	37	35	39	36	37	
SPJ 250003	1	SPJ 210030	SPJ 200024	106	99	108	106	112	117	107	95	112	103	100	101	104	93	99	108	109	100	96	94	94	117	114	106	111	112	91	95	108	96	99	107	
98977499				63	48	41	37	33	41	48	36	40	34	7	0.31	-0.8	1	0.8	2.4	6	3.9	-9	-16	12	1.0	9.3	-4.5	-2.1	39.9	-3	-2	0.53	-0.45	-0.30	0.09	
														31	69	52	37	48	41	42	30	36	15	18	40	39	33	22	45	38	35	33	36	33	34	
SPJ 250011		SPJ 210020	W 151103	102	102	82	93	96	88	90	90	85	91	112	99	105	107	102	82	84	97	94	88	96	105	78	102	87	115	105	97	89	96	124	89	
98988074				54	64	47	47	35	46	57	30	41	27	17	0.40	-0.9	13	1.8	-3.7	-48	2.2	-13	-24	9	0.5	-8.9	-2.2	2.3	42.2	5	-1	-0.69	-0.46	1.19	-0.14	
														43	56	51	47	64	47	53	33	30	15	15	33	32	36	24	46	31	29	26	28	26	27	
SPJ 250016		K10011122	K19001724	101	103	108	99	80					98	90	105	95	98	103	108	107	89	101			101	110	96	91	71	120	117	87	85	101	85	
98989478				13	12	12	12	17					8	-2	0.03	0.1	6	2.3	2.5	3	-2.2	-2			0.3	6.9	1.7	1.5	7.4	13	11	-0.86	-1.49	-0.17	-0.18	
														12	13	13	12	12	12	12	10	10			11	11	12	9	31	11	10	8	9	8	8	
SPJ 250017		K10011122	K19001724	101	103	108	99	80					98	90	105	95	98	103	108	107	89	101			101	110	96	91	71	120	117	87	85	101	85	
98989510				13	12	12	12	17					8	-2	0.03	0.1	6	2.3	2.5	3	-2.2	-2			0.3	6.9	1.7	1.5	7.4	13	11	-0.86	-1.49	-0.17	-0.18	
														12	13	13	12	12	12	12	10	10			11	11	12	9	31	11	10	8	9	8	8	
SPJ 250020		Z7F703	K19001714					88					94	103	107	106	112	102	111	104	92	93			90	98	91	96	80	104	102	90	74	94	87	
98989486								15					6	9	-0.09	-0.9	18	1.8	3.1	-4	-0.6	-14			-0.2	0.8	5.0	0.7	14.6	4	2	-0.65	-2.64	-0.59	-0.17	
														7	8	8	8	8	8	8	6	7			9	8	7	5	33	8	6	6	7	6	6	
SPJ 250024	2	SPJ 210030	SRS 170008	87	102	109	107	102	104	106	98	102	98	100	84	91	92	102	109	112	105	99	95	95	110	113	101	98	111	89	91	104	99	92	103	
98977564				64	52	46	47	35	45	53	38	43	36	6	1.39	0.5	0	2.1	2.6	14	6.6	-4	-14	10	0.7	8.3	-1.3	0.3	39.2	-5	-5	0.28	-0.16	-0.70	0.05	
														36	70	57	47	52	46	48	31	37	15	17	42	40	35	24	46	39	36	34	37	34	36	

Breeding Values and Accuracies: Cows & Heifers

Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass				
ID	% Inbreeding	Genomic Parentage	Index EBV Acc	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thickn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling	Dress %	
Animal no			Sire ID Dam ID																																	
SPJ 250028	2	SPJ 210030	SPJ 150102	90	109	107	85	112	105	105	95	102	100	122	88	102	116	109	107	104	114	98	100	93	106	109	104	112	112	93	100	94	88	90	92	
99335564				66	66	50	48	36	50	61	40	47	39	25	1.11	-0.5	21	4.4	2.0	-3	11.7	-7	-7	14	0.5	6.6	-3.5	-2.2	39.9	-2	1	-0.39	-1.28	-0.82	-0.09	
														39	71	59	48	66	50	55	32	39	14	16	44	43	36	24	48	42	38	37	41	37	39	
SPJ 250030	14	SPJ 210012	SPJ 190039	77	121	108	97	86	98	120	106	100	104	111	79	83	100	121	108	120	120	104	88	102	82	100	83	84	111	108	108	116	100	95	115	
99335580				62	65	44	45	29	46	59	30	41	28	16	1.74	1.2	7	8.2	2.3	32	15.0	3	-25	-3	-0.5	1.9	9.7	2.8	39.5	6	6	1.09	-0.06	-0.52	0.20	
														30	69	54	45	65	44	51	26	29	15	12	34	32	28	18	42	31	28	26	30	27	28	
SPJ 250034	9	Z7F703	K13002171	107	101	112	97	110	115	108			104	108	105	106	101	101	112	110	102	99	94	97	89	95	103	117	100	98	102	105	91	124	103	
6020478340				28	25	26	26	27	24	26			16	13	0.06	-1.0	8	1.6	3.5	9	5.3	-5	-15	6	-0.2	-0.6	-2.7	-3.3	30.7	0	2	0.33	-0.96	1.20	0.04	
														23	28	27	26	25	26	26	18	17	11	8	20	19	25	16	41	18	16	15	17	15	16	
SPJ 250035	9	Z7F703	K13002171	107	101	112	97	110	115	108			104	108	105	106	101	101	112	110	102	99	94	97	89	95	103	117	100	98	102	105	91	124	103	
6020477128				28	25	26	26	27	24	26			16	13	0.06	-1.0	8	1.6	3.5	9	5.3	-5	-15	6	-0.2	-0.6	-2.7	-3.3	30.7	0	2	0.33	-0.96	1.20	0.04	
														23	28	27	26	25	26	26	18	17	11	8	20	19	25	16	41	18	16	15	17	15	16	
SPJ 250043	4	SPJ 210020	SPJ 220011	82	107	105	107	102	103	108	89	98	103	100	80	87	87	92	107	105	112	109	92	95	93	118	111	105	95	112	97	99	97	107	108	99
99335622				60	61	42	44	32	45	56	30	40	27	7	1.63	0.9	0	3.5	1.7	14	8.8	-16	-14	15	1.0	7.8	-4.1	0.9	40.5	0	0	-0.15	0.63	0.22	-0.01	
														32	67	53	44	61	42	49	30	29	15	18	32	31	32	22	43	30	28	26	28	26	27	
SPJ 250045	4	SPJ 210020	SPJ 110003	103	90	95	126	93	99	97	79	91	86	87	95	97	75	90	95	101	84	81	67	77	106	72	97	90	105	83	85	87	101	103	88	
99336984				64	64	47	46	36	48	59	28	42	25	-4	0.67	-0.1	-15	-2.0	-0.6	-11	-4.7	-31	-55	46	0.5	-11.9	0.8	1.9	34.5	-8	-9	-0.81	0.04	-0.06	-0.15	
														36	69	57	29	28	16	16	29	28	16	16	31	30	35	24	48	29	27	24	26	24	25	
SPJ 250047	3	SPJ 210030	VST 150095	86	122	110	93	102	113	122	118	118	124	112	89	89	105	122	110	120	126	116	117	118	106	124	102	95	111	120	119	115	105	117	116	
99767659				66	68	51	49	38	51	63	44	49	42	16	1.09	0.6	11	8.4	2.8	31	18.2	20	19	-35	0.5	14.1	-2.3	0.8	39.1	13	12	1.02	0.45	0.78	0.20	
														47	72	59	49	68	51	56	41	43	16	18	49	47	39	27	49	46	41	40	44	40	42	
SPJ 250050	5	SPJ 210012	SPJ 220055	87	117	104	95	84	96	115	104	97	111	115	88	91	103	117	104	113	114	102	89	102	79	99	83	80	110	105	108	115	102	103	115	
99767683				60	61	39	43	28	44	55	28	39	28	19	1.11	0.4	10	6.8	1.4	15	11.5	0	-22	-4	-0.7	1.4	9.9	3.6	38.3	5	6	1.00	0.12	-0.08	0.19	
														29	68	51	43	61	39	48	26	28	13	11	33	32	26	18	40	31	27	26	30	27	28	
SPJ 250052	1	SPJ 220039	SPJ 230018	78	116	100	98	100	101	111	90	97	101	101	67	88	100	116	100	111	117	93	95	95	101	102	103	92	113	95	98	98	104	100	99	
99767709				60	62	42	44	33	45	56	32	41	32	8	2.48	0.8	7	6.6	0.6	12	13.3	-14	-13	11	0.3	3.2	-2.8	1.4	41.1	-1	0	-0.10	0.28	-0.23	-0.01	
														34	67	52	44	62	42	49	30	32	13	19	35	34	33	22	43	33	31	30	33	30	32	
SPJ 250055	6	SPJ 220043	SPJ 220041	97	116	99	90	85	96	112	96	95	106	117	93	104	110	116	99	105	110	95	76	96	93	94	82	79	114	98	103	106	102	100	106	
99767725				59	59	39	43	30	43	54	30	39	28	21	0.78	-0.8	16	6.5	0.2	-2	9.6	-10	-42	8	-0.1	-1.2	10.5	3.9	42.2	1	3	0.41	0.11	-0.26	0.08	
														31	66	51	43	59	39	47	28	29	14	14	34	32	30	20	41	32	29	26	29	26	28	
SPJ 250057	2	SPJ 220039	SPJ 230021	77	121	100	95	99	102	114	93	99	102	108	73	91	104	121	100	113	119	94	86	94	95	97	97	95	114	93	100	107	95	111	106	
99767741				60	61	40	43	29	44	55	28	39	26	13	2.11	0.5	10	8.1	0.6	15	14.4	-12	-27	13	0.0	0.2	1.2	0.8	42.1	-2	1	0.46	-0.61	0.41	0.07	
														30	67	52	43	61	40	48	26	28	12	13	33	32	29	18	41	31	28	25	28	25	26	
SPJ 250058	9	SPJ 220043	VST 140065	114	102	95	109	90	106	107	89	101	93	103	108	111	92	102	95	101	96	94	79	103	109	95	91	85	111	100	95	98	94	90	97	
99767758				51	46	47	47	38	41	47	40	41	38	9	-0.17	-1.4	0	2.0	-0.7	-11	1.9	-12	-38	-6	0.6	-0.6	5.0	2.8	39.1	2	-2	-0.09	-0.64	-0.81	-0.03	
														44	51	50	47	46	47	47	38	39	21	22	43	42	38	29	48	41	39	37	39	37	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 %
SPJ 250059 99767766	9			SPJ 220043 VST 140065	114 51	102 46	95 47	109 47	90 38	106 41	107 47	89 40	101 41	93 38	103 9	108 -0.17	111 -1.4	92 0	102 2.0	95 -0.7	101 -11	96 1.9	94 -12	79 -38	103 -6	109 0.6	95 -0.6	91 5.0	85 2.8	111 39.1	100 2	95 -2	98 -0.09	94 -0.64	90 -0.81	97 -0.03
SPJ 250060 6020454713	2			BWS 190085 SRS 170008	87 53	96 39	99 41	115 43	92 34	91 38	97 42	94 26	89 34	95 24	98 5	86 1.25	85 1.0	87 -4	96 -0.2	99 0.4	102 -8	97 2.4	91 -16	85 -29	88 24	109 0.6	87 -4.8	95 2.1	87 2.4	108 36.8	92 -3	86 -8	88 -0.80	110 0.91	92 -0.71	90 -0.13
SPJ 250061 6020454747	2			BWS 190085 VST 150095	80 55	119 45	101 46	99 45	92 37	100 41	115 47	113 34	104 39	123 32	109 14	84 1.37	81 1.5	99 6	119 7.5	101 0.8	115 19	122 16.2	106 6	107 5	111 -21	104 0.4	97 0.5	97 0.8	84 2.8	107 36.5	121 14	112 8	99 -0.02	116 1.52	117 0.77	102 0.03
SPJ 250062 6020454721	2			BWS 190085 VST 150095	80 55	119 45	101 46	99 45	92 37	100 41	115 47	113 34	104 39	123 32	109 14	84 1.37	81 1.5	99 6	119 7.5	101 0.8	115 19	122 16.2	106 6	107 5	111 -21	104 0.4	97 0.5	97 0.8	84 2.8	107 36.5	121 14	112 8	99 -0.02	116 1.52	117 0.77	102 0.03
SPJ 250063 6020454754	2			BWS 190085 SRS 170008	87 53	96 39	99 41	115 43	92 34	91 38	97 42	94 26	89 34	95 24	98 5	86 1.25	85 1.0	87 -4	96 -0.2	99 0.4	102 -8	97 2.4	91 -16	85 -29	88 24	109 0.6	87 -4.8	95 2.1	87 2.4	108 36.8	92 -3	86 -8	88 -0.80	110 0.91	92 -0.71	90 -0.13
SPJ 250066 6020454770	2			BWS 190085 SRS 170008	87 53	96 39	99 41	115 43	92 34	91 38	97 42	94 26	89 34	95 24	98 5	86 1.25	85 1.0	87 -4	96 -0.2	99 0.4	102 -8	97 2.4	91 -16	85 -29	88 24	109 0.6	87 -4.8	95 2.1	87 2.4	108 36.8	92 -3	86 -8	88 -0.80	110 0.91	92 -0.71	90 -0.13
SPJ 250067 6020454697	2			BWS 190085 VST 150095	80 55	119 45	101 46	99 45	92 37	100 41	115 47	113 34	104 39	123 32	109 14	84 1.37	81 1.5	99 6	119 7.5	101 0.8	115 19	122 16.2	106 6	107 5	111 -21	104 0.4	97 0.5	97 0.8	84 2.8	107 36.5	121 14	112 8	99 -0.02	116 1.52	117 0.77	102 0.03
SPJ 250068 6020454705	2			BWS 190085 VST 150095	80 55	119 45	101 46	99 45	92 37	100 41	115 47	113 34	104 39	123 32	109 14	84 1.37	81 1.5	99 6	119 7.5	101 0.8	115 19	122 16.2	106 6	107 5	111 -21	104 0.4	97 0.5	97 0.8	84 2.8	107 36.5	121 14	112 8	99 -0.02	116 1.52	117 0.77	102 0.03
SPJ 250074 6020076631	4			SPJ 210030 SPJ 220044	90 61	107 62	111 43	101 45	108 34	111 46	112 57	98 39	108 44	107 36	102 9	85 1.31	96 0.0	97 4	107 3.7	111 3.2	116 22	109 9.1	101 -1	89 -23	100 1	115 0.9	122 13.0	102 -2.3	103 -0.5	114 41.9	96 -1	103 3	112 0.80	99 -0.19	95 -0.53	111 0.14
SPJ 250075 6020076649	1			SPJ 210030 HJ 120045	78 66	111 65	120 49	89 42	113 37	108 49	112 60	103 38	108 46	110 35	115 19	75 2.00	93 0.3	110 16	111 5.0	120 5.2	118 27	117 13.6	106 6	94 -15	103 -6	98 0.2	130 17.1	111 -8.0	106 -1.2	113 40.7	97 0	105 4	113 0.84	95 -0.59	104 0.02	111 0.15
SPJ 250077 6020076664	2			SPJ 210030 SPJ 160140	98 66	102 65	102 50	112 49	103 36	110 50	107 61	87 40	103 47	100 37	96 3	95 0.70	97 0.0	90 -2	102 2.0	102 1.0	108 4	101 4.8	88 -21	96 -11	86 29	116 0.9	110 7.2	101 -1.8	97 0.4	116 43.0	85 -7	95 -2	106 0.42	99 -0.15	109 0.33	106 0.07
SPJ 250079 6020076680	1			SPJ 210030 SPJ 230031	96 61	104 62	109 42	100 45	99 32	104 46	108 57	92 38	100 44	104 36	105 10	94 0.73	97 -0.1	98 5	104 2.6	109 2.5	111 10	106 7.4	92 -15	98 -9	91 18	100 0.2	120 12.3	95 2.1	97 0.6	113 40.7	88 -5	97 -1	107 0.46	96 -0.51	109 0.28	106 0.08

Breeding Values and Accuracies: Cows & Heifers

		Value <80		Value >120		Breeding values with an accuracy < 5% are not printed																															
Animal				Selection Values											Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass				
ID	Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc		Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thickn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling	Dress %
				Sire ID	Dam ID																																
SPJ 250080	6020076698	7	SPJ 210030 SPJ 190025			114	87	104	121	112	117	100	86	109	94	86	109	104	80	87	104	103	88	89	109	91	117	114	111	105	115	83	90	105	93	104	103
						65	52	48	47	33	45	53	38	43	36	-5	-0.23	-0.8	-10	-3.1	1.5	-6	-2.4	-20	8	19	1.0	9.3	-8.2	-0.9	42.3	-8	-6	0.32	-0.79	-0.02	0.04
																35	71	57	47	52	48	49	31	37	16	18	41	40	34	22	44	39	35	34	37	34	36

Selection List on Cow Value

Bulls 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	SPJ 240031	SPJ 240031	SPJ 210030	SPJ 190025	6.8					103	65	101	64	103	48	115	47	112	34	120	48	110	60	88	38	113	45	98	36
1	SPJ 210030	DJANGO	HOT 150012	SPJ 100116	0.0	HH	0	0	0	93	91	100	91	117	85	109	84	116	84	119	79	111	89	93	85	113	81	107	84
2	SPJ 240012	SPJ 240012	SPJ 210030	SPJ 210001	1.2					110	63	89	62	104	44	114	45	109	33	112	46	99	57	91	36	106	43	97	34
3	SPJ 240027	SPJ 240027	SPJ 210030	SPJ 220016	0.3					99	63	94	65	105	44	118	45	108	35	110	47	102	59	83	38	102	44	92	36
4	SPJ 240039	SPJ 240039	SPJ 210030	SPJ 210038	4.9					98	63	109	65	110	47	105	46	105	35	117	48	117	60	101	39	115	45	114	37
5	SPJ 240042	SPJ 240042	SPJ 210030	SPJ 190019	7.5					114	64	83	63	105	47	125	47	109	35	113	48	97	59	86	38	106	45	94	36
1	SPJ 230010	SPJ230010	VST 110001	SPJ 150025	0.5					78	63	110	57	89	57	121	60	104	48	105	51	107	58	85	50	99	51	98	49
2	SPJ 240013	SPJ 240013	SPJ 210030	SPJ 220003	0.8					95	62	98	64	117	45	95	44	109	33	105	47	103	58	95	36	102	44	104	34
3	SPJ 240016	SPJ 240016	B 050072	SPJ 180015	0.0					89	68	104	62	98	54	102	53	104	44	100	52	101	61	111	34	103	47	105	32
4	SPJ 240024	SPJ 240024	VST 160022	VST 150095	3.2					89	69	121	69	94	58	100	58	93	43	105	55	117	66	127	52	114	54	138	52
5	SPJ 240026	SPJ 240026	SPJ 210030	SPJ 220025	5.8					99	62	101	63	105	45	95	45	112	32	107	46	101	58	97	36	105	43	104	34
6	SPJ 240040	SPJ 240040	SPJ 210030	SPJ 220015	1.3					89	63	106	65	107	44	97	45	111	34	108	47	106	59	89	38	102	44	103	36
7	SPJ 240041	SPJ 240041	SPJ 210012	BWS 210047	0.9					83	61	119	63	111	42	95	43	94	32	106	45	121	57	111	28	109	40	122	27
1	SPJ 230015	SPJ230015	VST 180075	SPJ 150025	1.1					79	60	120	53	94	49	102	53	85	38	95	46	114	53	90	40	92	44	107	38
2	SPJ 230022	SPJ230022	VST 180075	SPJ 150025	1.1					79	60	120	53	94	49	102	53	85	38	95	46	114	53	90	40	92	44	107	38
3	SPJ 230024	SPJ230024	VST 110001	SRS 170008	1.7					86	61	99	57	97	57	116	59	95	46	95	51	100	58	94	48	93	50	96	48
4	SPJ 240029	SPJ 240029	SPJ 210028	VST 140065	3.1					99	63	112	63	101	50	99	49	79	40	96	49	114	59	98	41	96	47	106	40
1	SPJ 230051	SPJ 230051	VST 180075	SPJ 210013	1.6					79	64	121	64	95	47	93	46	80	35	87	48	111	59	91	38	85	45	107	37
2	SPJ 230053	SPJ 230053	VST 180075	SPJ 210006	0.8					100	64	94	65	94	47	114	47	81	36	87	49	96	60	84	40	82	46	97	37

Selection List on Cow Value

Cows 2 years and older

ID	Name	Sire ID	Dam ID	% Inbreeding	Horned / Polled	Myostatin	Genomic test	Calving Ease Value	Calf Growth Value	Milk Value	Maint. Value	Fertility Value	Cow Value	Weaner Calf Value	Growth Value	Prod Value	Carcass Value
Sorted on ID						nt821	F94L	Q204X		Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc
1	BWS 210047	GINGER	BWS 140027	BWS 160099	2.1												
2	PRB 210081	MARLENE PRB 21 81	BH 160351	BU 170093	0.1												
3	PRB 230060	DIANA	FN 110229	FBGO190085	0.2												
4	SPJ 110167	SPJ 110167	Z 060051	SPJ 080003	0.0												
5	SPJ 190025	SPJ 190025	SPJ 140052	SPJ 150013	1.9												
6	SPJ 200024	SPJ 200024	BWS 140046	BWS 180067	0.2												
7	SPJ 210038	SPJ 210038	DLV 100017	SPJ 190025	0.1												
8	SPJ 230048	SPJ 230048	BWS 170085	BWS 210047	1.5												
9	SPJ 230055	SPJ 230055	B 050072	SPJ 210038	6.3												
10	SPJ 240034	SPJ 240034	SPJ 210030	SPJ 220013	4.7												
11	VST 150095	JACKIE	DLV 100017	MHB 100005	0.8	HH	0	0	0								
12	VST 220046	HANNAH	VST 180128	VST 190028	2.6												
13	VST 220105	EMILY	HOT 150013	ED 140048	2.8												
1	FN 100791	FN100791	DVB 040003	FN 080297	0.0												
2	HJ 120045	BRITTENEY	BA 080065	HJ 100006	0.0												
3	SPJ 190019	SPJ 190019	SPJ 140052	SPJ 130113	2.3												
4	SPJ 190039	SPJ 190039	VST 150080	SPJ 150015	0.8												
5	SPJ 210001	SPJ 210001	PRB 150024	SPJ 160140	0.8												
6	SPJ 210023	SPJ 210023	SPJ 180010	SPJ 180019	4.7												
7	SPJ 220011	SPJ220011	HOT 150012	SPJ 100116	0.0												
8	SPJ 220030	SPJ 220030	VST 110001	SPJ 160109	3.1												
9	SPJ 220044	SPJ 220044	PRB 150034	SPJ 160109	3.9												
10	SPJ 230005	SPJ 230005	TLM 030004	SPJ 200020	0.4												
11	SPJ 230018	SPJ230018	VST 110001	SPJ 150025	0.5												
12	SPJ 230021	SPJ230021	PRB 150034	SPJ 150025	1.1												
13	SPJ 230042	SPJ 230042	PRB 150034	YSB 190003	5.1												
14	SPJ 240001	SPJ 240001	B 050072	SPJ 200015	0.0												

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									
										★★★★☆																			
15	SPJ 240008	SPJ 240008	SPJ 200017	SPJ 200024	1.9					111	61	86	39	93	36	119	34	111	28	108	37	92	42	92	22	104	32	88	20
16	SPJ 240018	SPJ 240018	SPJ 210030	SPJ 150102	1.6					86	66	106	64	109	50	89	48	111	36	103	49	103	60	93	40	99	46	98	39
17	SPJ 240022	SPJ 240022	SPJ 200017	SPJ 180019	2.5					105	63	81	58	86	43	132	45	112	29	104	45	85	55	83	23	97	38	71	21
18	SPJ 240023	SPJ 240023	SPJ 210012	HJ 120045	1.9					82	65	121	63	112	46	81	40	96	33	101	47	117	58	115	28	106	41	116	26
19	SPJ 240036	SPJ 240036	SPJ 210012	SPJ 210023	3.9					88	62	108	62	101	41	115	44	96	28	106	45	112	56	93	26	102	39	91	25
20	SPJ 240038	SPJ 240038	SPJ 210030	SPJ 220026	2.9					94	62	105	63	112	46	100	46	97	36	104	47	110	58	108	40	106	45	120	38
21	SPJ 240043	SPJ 240043	SPJ 210030	SPJ 200015	0.9					89	64	97	64	108	45	111	46	114	34	109	48	102	59	92	37	105	45	94	36
22	VST 140065	JACKIE	MHB 060030	MHB 050006	6.3					121	80	101	73	88	79	122	77	74	63	103	67	110	76	80	66	94	67	83	66
23	VST 150079	PAMELA	DLV 100017	MHB 110060	0.0	HH	0	0	0	121	90	110	87	108	89	92	87	81	83	107	78	118	88	121	84	114	80	123	84
24	VST 240126	ODETTE	VST 180177	VST 190055	8.3					101	68	92	59	88	53	130	55	100	42	104	51	97	59	89	50	99	51	103	50
										★★★★																			
1	BU 220016	THEA	BU 140160	BU 190069	2.4					128	71	75	69	106	61	113	53	92	46	97	55	88	66	80	48	89	53	79	30
2	PRB 210004	PRB210004	SPJ 140108	PRB 170053	0.0					104	75	86	71	121	67	97	73	91	47	90	60	95	71	88	50	86	57	87	46
3	SPJ 110003	SPJ 11 003 - MARYLIN	TLM 020006	SPJ 070007	0.0					93	85	83	71	106	79	132	76	85	58	90	66	95	75	76	46	82	60	75	40
4	SPJ 150102	SPJ 150102	MHB 070009	MHB 050035	0.0					89	82	111	66	98	77	74	76	107	50	93	63	99	72	94	45	92	58	93	46
5	SPJ 160140	SPJ 160140	SPJ 110107	SPJ 120007	0.0					98	83	99	67	90	78	120	79	91	51	98	64	101	73	81	44	91	58	94	40
6	SPJ 200015	SPJ 200015	PRB 150024	SPJ 150013	1.6					92	76	82	66	100	63	120	71	113	41	98	58	85	68	85	35	92	51	77	33
7	SPJ 210002	SPJ 210002	PRB 150024	SPJ 160140	0.8					109	62	81	51	90	58	124	69	105	37	98	49	85	56	87	32	93	44	86	30
8	SPJ 210034	SPJ 210034	SPJ 180010	SPJ 190002	1.8					125	70	73	52	80	60	123	68	102	39	94	52	75	58	79	29	86	45	90	27
9	SPJ 220003	SPJ 220003	DBC 170023	HJ 120045	0.0					96	73	98	67	116	63	85	65	103	40	96	56	99	67	98	28	95	48	101	26
10	SPJ 220023	SPJ 220023	SPJ 110107	SPJ 110167	0.0					77	74	117	61	95	68	90	73	105	46	98	58	105	66	90	42	94	53	101	38
11	SPJ 220025	SPJ 220025	SPJ 180030	FN 100791	3.5					96	70	103	54	95	62	88	70	108	38	96	53	94	60	103	27	98	45	102	26
12	SPJ 220026	BRITNEY	DLV 100017	PRB 160012	0.0					86	66	129	60	103	64	85	71	78	48	97	55	124	63	122	48	105	53	136	44
13	SPJ 230012	SPJ230012	VST 110001	SRS 170008	1.7					86	61	99	57	97	57	116	59	95	46	95	51	100	58	94	48	93	50	96	48
14	SPJ 230044	SPJ 230044	PRB 150034	SPJ 180021	5.6					104	67	95	62	90	50	116	53	87	40	93	50	96	60	84	42	87	48	87	38
15	VST 190055	ODETTE	VST 120057	VST 160103	1.6					118	78	73	72	82	72	134	75	95	52	92	63	78	73	84	50	87	59	96	50

Selection List on Cow Value

Cows 2 years and older

ID	Name	Sire ID	Dam ID	% Inbreeding	Horned / Polled	Myostatin				Genomic test	Calving Ease Value	Calf Growth Value	Milk Value	Maint. Value	Fertility Value	Cow Value	Weaner Calf Value	Growth Value	Prod Value	Carcass Value
Sorted on ID						nt821	F94L	Q204X			Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc
											★★★★									
1	SPJ 100157	SPJ 100157	TLM 020006	SPJ 070002	0.0						9283	8169	9578	11875	9855	8365	8174	7940	7758	6934
2	SPJ 180015	HOLLY	PRB 120027	SPJ 100157	0.1						8679	9967	8776	9574	10848	8862	8671	9144	8657	8339
3	SPJ 220036	SPJ 220036	SPJ 180030	SPJ 100157	3.2						8870	8464	9757	11268	10540	8655	8164	8127	8147	7426
4	SPJ 230004	SPJ 230004	VST 180075	SPJ 160140	4.1						8870	11067	9359	10369	8037	8655	10466	8740	8350	10738
5	SPJ 230031	SPJ 230031	VST 180075	SPJ 210001	2.0						9669	10453	10254	9768	8236	8851	10358	9136	8646	10435
6	SPJ 230036	SPJ 230036	VST 180075	SRS 170008	1.6						8565	11052	10248	9752	7736	8346	10654	9938	8444	10636
7	SPJ 240028	SPJ 240028	SPJ 210012	SPJ 100157	1.2						8466	9964	10347	10646	9235	8948	9859	9530	8843	8727
8	SRS 170008	MISS MOLLY	SPJ 110103	BS 140005	3.9						8974	9861	10068	10574	8847	8758	9766	10436	8951	8834
9	VST 180081	CLARA	VST 120057	AH 160004	0.0						8780	9573	9672	12475	8650	8963	9874	8853	8660	9552
											★★★									
1	SPJ 220041	SPJ 220041	VST 180075	SPJ 180021	3.6						8870	11567	10058	9169	6541	7856	10966	9042	7652	10740
2	W 151103	SCARLETTE	W 110036	B 090032	0.0	HH	0	0	0		10489	9887	7988	7788	9083	7278	7988	9882	7479	8881

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	PRB 260008	PRB260008	HOT 180029	PRB 230060	3.6			73 64	122 60	112 47	104 41	118 36	124 46	124 56	106 52	123 48	130 33
								★★★★★									
1	SPJ 250004	SPJ 250004	SPJ 210030	SPJ 210001	1.2			112 63	85 50	105 43	115 45	110 33	110 43	96 51	90 36	104 41	97 34
2	SPJ 250027	SPJ 250027	SPJ 210030	PRB 210081	0.6			106 64	102 68	124 43	99 45	105 33	118 48	117 60	114 38	121 45	121 33
3	SPJ 250029	SPJ 250029	SPJ 210030	SPJ 110167	2.0			79 66	115 67	113 51	82 48	124 38	114 50	111 62	98 40	111 47	112 38
4	SPJ 250053	SPJ 250053	VST 210268	VST 220046	4.8			120 62	84 66	105 44	124 47	104 35	113 48	100 60	94 42	109 46	106 41
5	SPJ 250064	SPJ 250064	SPJ 210030	VST 150095	3.2			84 59	123 57	110 51	94 49	102 38	113 47	123 55	117 44	118 46	125 42
6	SPJ 250065	SPJ 250065	SPJ 210030	VST 150095	3.2			84 59	123 57	110 51	94 49	102 38	113 47	123 55	117 44	118 46	125 42
7	SPJ 250078	SPJ 250078	SPJ 210030	SPJ 190019	7.5			113 64	84 63	105 47	124 47	109 35	114 48	98 59	85 38	106 45	94 36
8	SPJ 260001	SPJ 260001	SPJ 210030	SPJ 210001	1.2			109 63	88 50	106 43	115 45	110 32	110 43	98 51	90 36	105 41	97 34
								★★★★★									
1	BU 250099	BU250099	BU 190121	BU 220016	9.0			129 61	82 64	106 44	101 40	108 35	108 46	93 57	100 42	107 45	93 24
2	SPJ 250009	SPJ 250009	SPJ 210030	SPJ 220036	8.0			92 62	91 63	107 43	110 45	111 33	103 46	95 57	86 36	97 43	89 34
3	SPJ 250018	SPJ 250018	SPJ 210020	PRB 210004	4.6			98 62	107 63	101 42	98 45	95 32	101 46	106 57	90 30	97 41	102 27
4	SPJ 250022	SPJ 250022	SPJ 210030	VST 110017	3.2			78 67	116 54	104 48	94 48	106 40	104 47	111 55	104 44	104 46	112 41
5	SPJ 250026	SPJ 250026	SPJ 210030	SPJ 180015	3.4			91 64	103 66	101 50	97 47	113 36	103 49	99 61	93 40	100 46	97 37
6	SPJ 250032	SPJ 250032	SPJ 210020	FN 100791	1.9			92 63	118 65	93 45	89 45	104 36	106 48	110 59	105 26	107 41	113 21
7	SPJ 250051	SPJ 250051	SPJ 220039	BWS 210047	0.6			94 61	105 63	111 42	101 43	99 32	106 45	110 57	98 27	104 40	113 26
8	SPJ 250056	SPJ 250056	SPJ 220039	SPJ 210023	5.5			97 61	103 63	99 41	114 43	98 28	107 45	107 57	89 26	101 39	102 24
9	SPJ 250069	SPJ 250069	BWS 190085	VST 150095	2.4			80 55	119 45	101 46	99 45	92 37	100 41	115 47	113 34	104 39	123 32
10	SPJ 250073	SPJ 250073	SPJ 220043	SPJ 220013	7.8			119 59	89 42	99 38	104 43	100 29	102 39	94 44	96 26	100 35	99 24
11	SPJ 250076	SPJ 250076	SPJ 210030	VST 180081	1.2			86 66	102 67	107 48	115 48	101 36	105 50	107 61	91 42	101 48	104 41
								★★★★★									
1	SPJ 250019	SPJ 250019	SPJ 210012	SPJ 220008	7.3			79 61	120 61	108 43	89 45	88 32	95 45	116 56	116 32	102 41	123 30
2	SPJ 250025	SPJ 250025	SPJ 210012	SPJ 210034	3.4			110 61	89 62	96 40	115 43	95 29	98 44	94 56	93 26	95 39	96 25
3	SPJ 250031	SPJ 250031	SPJ 210012	SPJ 220003	1.8			80 62	113 64	114 42	91 42	94 29	97 45	112 57	107 26	99 39	110 24

Selection List on Cow Value

Bull calves younger than 2 years

ID Name Sorted on ID		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
										★★★★									
4	SPJ 250049	SPJ 250049	SPJ 220039	SPJ 230004	13.5					9060	10463	10140	10243	8628	9044	10356	9128	8739	10928
5	SPJ 250071	SPJ 250071	SPJ 220039	SPJ 220025	3.8					8760	10661	10342	9443	10028	9644	10256	9924	9638	10624
6	SPJ 250072	SPJ 250072	SPJ 220039	SPJ 220023	1.2					7961	11662	10244	9344	9931	9845	11057	9430	9640	10628

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															
									★★★★																							
1	SPJ 250003	SPJ 250003	SPJ 210030	SPJ 200024	0.9				106	63	99	48	108	41	106	37	112	33	117	41	107	48	95	36	112	40	103	34				
2	SPJ 250034	SPJ 250034	Z7F703	K13002171	9.4				107	28	101	25	112	26	97	26	110	27	115	24	108	26					104	16				
3	SPJ 250035	SPJ 250035	Z7F703	K13002171	9.4				107	28	101	25	112	26	97	26	110	27	115	24	108	26					104	16				
4	SPJ 250047	SPJ 250047	SPJ 210030	VST 150095	3.2				86	66	122	68	110	51	93	49	102	38	113	51	122	63	118	44	118	49	124	42				
5	SPJ 250074	SPJ 250074	SPJ 210030	SPJ 220044	4.1				90	61	107	62	111	43	101	45	108	34	111	46	112	57	98	39	108	44	107	36				
6	SPJ 250077	SPJ 250077	SPJ 210030	SPJ 160140	1.7				98	66	102	65	102	50	112	49	103	36	110	50	107	61	87	40	103	47	100	37				
7	SPJ 250080	SPJ 250080	SPJ 210030	SPJ 190025	6.8				114	65	87	52	104	48	121	47	112	33	117	45	100	53	86	38	109	43	94	36				
																		★★★★☆														
1	SPJ 250002	SPJ 250002	SPJ 210030	SPJ 160140	1.7				96	66	99	54	104	50	115	49	104	36	109	47	106	55	87	40	103	45	100	37				
2	SPJ 250024	SPJ 250024	SPJ 210030	SRS 170008	2.0				87	64	102	52	109	46	107	47	102	35	104	45	106	53	98	38	102	43	98	36				
3	SPJ 250028	SPJ 250028	SPJ 210030	SPJ 150102	1.6				90	66	109	66	107	50	85	48	112	36	105	50	105	61	95	40	102	47	100	39				
4	SPJ 250043	SPJ 250043	SPJ 210020	SPJ 220011	3.8				82	60	107	61	105	42	107	44	102	32	103	45	108	56	89	30	98	40	103	27				
5	SPJ 250052	SPJ 250052	SPJ 220039	SPJ 230018	1.1				78	60	116	62	100	42	98	44	100	33	101	45	111	56	90	32	97	41	101	32				
6	SPJ 250057	SPJ 250057	SPJ 220039	SPJ 230021	1.5				77	60	121	61	100	40	95	43	99	29	102	44	114	55	93	28	99	39	102	26				
7	SPJ 250058	SPJ 250058	SPJ 220043	VST 140065	8.7				114	51	102	46	95	47	109	47	90	38	106	41	107	47	89	40	101	41	93	38				
8	SPJ 250059	SPJ 250059	SPJ 220043	VST 140065	8.7				114	51	102	46	95	47	109	47	90	38	106	41	107	47	89	40	101	41	93	38				
9	SPJ 250061	SPJ 250061	BWS 190085	VST 150095	2.4				80	55	119	45	101	46	99	45	92	37	100	41	115	47	113	34	104	39	123	32				
10	SPJ 250062	SPJ 250062	BWS 190085	VST 150095	2.4				80	55	119	45	101	46	99	45	92	37	100	41	115	47	113	34	104	39	123	32				
11	SPJ 250067	SPJ 250067	BWS 190085	VST 150095	2.4				80	55	119	45	101	46	99	45	92	37	100	41	115	47	113	34	104	39	123	32				
12	SPJ 250068	SPJ 250068	BWS 190085	VST 150095	2.4				80	55	119	45	101	46	99	45	92	37	100	41	115	47	113	34	104	39	123	32				
13	SPJ 250075	SPJ 250075	SPJ 210030	HJ 120045	1.2				78	66	111	65	120	49	89	42	113	37	108	49	112	60	103	38	108	46	110	35				
14	SPJ 250079	SPJ 250079	SPJ 210030	SPJ 230031	1.4				96	61	104	62	109	42	100	45	99	32	104	46	108	57	92	38	100	44	104	36				
																		★★★★														
1	SPJ 250001	SPJ 250001	SPJ 210012	VST 180081	3.2				76	65	113	53	103	44	109	46	85	33	95	45	113	53	102	34	96	42	105	34				
2	SPJ 250030	SPJ 250030	SPJ 210012	SPJ 190039	14.1				77	62	121	65	108	44	97	45	86	29	98	46	120	59	106	30	100	41	104	28				
3	SPJ 250045	SPJ 250045	SPJ 210020	SPJ 110003	3.9				103	64	90	64	95	47	126	46	93	36	99	48	97	59	79	28	91	42	86	25				
4	SPJ 250050	SPJ 250050	SPJ 210012	SPJ 220055	4.9				87	60	117	61	104	39	95	43	84	28	96	44	115	55	104	28	97	39	111	28				
5	SPJ 250055	SPJ 250055	SPJ 220043	SPJ 220041	5.8				97	59	116	59	99	39	90	43	85	30	96	43	112	54	96	30	95	39	106	28				

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
6	SPJ 250060	SPJ 250060	BWS 190085	SRS 170008	1.8												
7	SPJ 250063	SPJ 250063	BWS 190085	SRS 170008	1.8												
8	SPJ 250066	SPJ 250066	BWS 190085	SRS 170008	1.8												
1	SPJ 250011	SPJ250011	SPJ 210020	W 151103	0.0												

