

BONSMARA

GENOMIC BREEDING VALUE REPORT

September 2026



ANNANDALE BONSMARAS

Herd Number: 614225

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EBVs, EBVi's and GEBVs

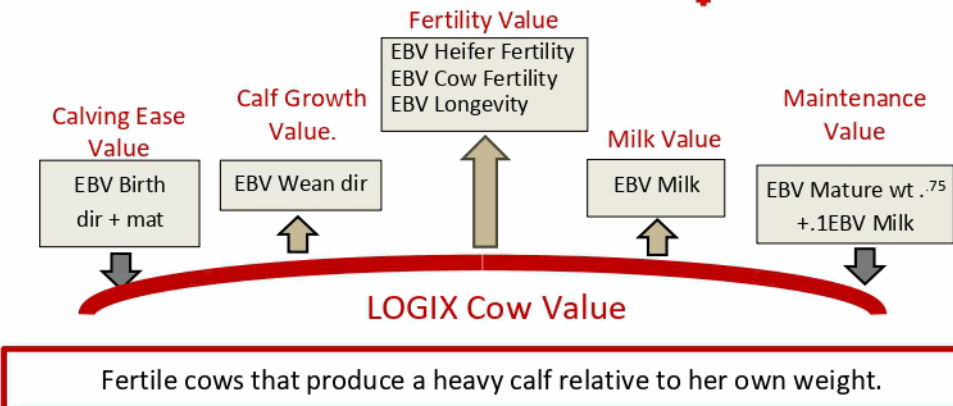
EBVi (Breeding Value Index): Genetic potential relative to the average (100) of the live (active) animals in the breed. Roughly 50% of the animals have values between 90 and 110. Values above 100, depending on the trait, tend to be in the more favourable direction.

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

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

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

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.

How to use the Cow Value

Selection values should be compatible with your selection goal.

AVERAGE ANIMALS

(NO GROWTH EXTREMES)

- Selection Values 90 to 110
 - Cow Value and Fertility Value average to high
- A safe choice, as animals are profitable in most environments.

GROWERS

(GOOD ENVIRONMENT)

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

LOW- MAINTENANCE ANIMALS

(HARSH ENVIRONMENT)

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

LOGIX Weaner Calf Value



Select for:

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

LOGIX Carcass Value



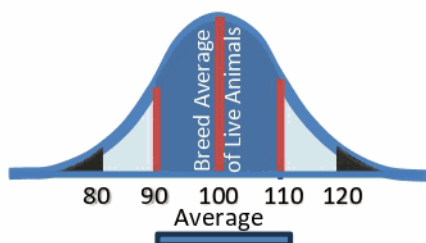
Select for more meat on the carcass as measured from end weight in Phase C and D Growth Tests and RTU scanning.

LOGIX Production Value



80% LOGIX Cow Value +
20% LOGIX Growth Value

Interpretation of EBVi and Selection Values

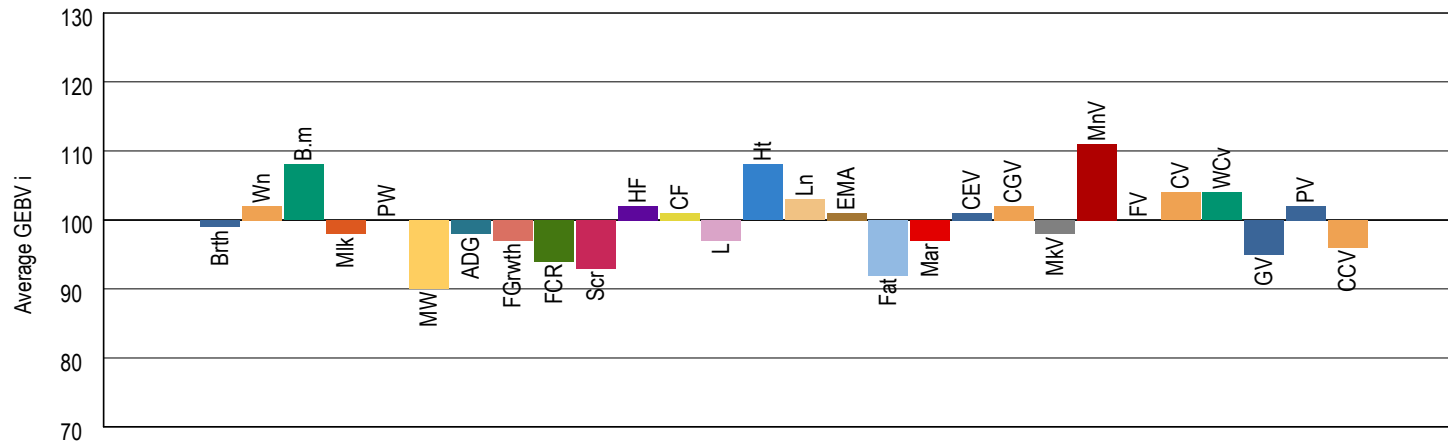


Examples

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

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

Herd and Breed Averages



Genomic Breeding Values (GEBVs):

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

Selection Values:

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

	Trait	EBV Herd	EBVi Herd	EBV Breed
Prewrite Growth	Birth Weight	1.04	99	0.98
	Wean Weight	15.9	102	14.9
	Birth Mat.	-0.67	108	-0.28
	Milk (Wn.Mat.)	3.0	98	3.7
Postwean Growth	Postwean Wt	25	100	25
	Mature Weight	7	90	22
	ADG	71	98	79
	VeldGrowth	29	97	35
	FCR	-27	94	-37
Fertility	Scrotal Circumf.	9	93	13
	Heifer Fertility	-10.4	102	-9.1
	Cow Fertility	-0.80	101	-0.56
	Longevity	30.0	97	31.8
Frame	Height	3.0	108	-3.1
	Length	16.0	103	13.6
Carcass	EMA	0.744	101	0.683
	Fat	-1.286	92	0.055
	Marbling	-0.330	97	-0.056

Selection Value	Ave. Herd
Calving Ease	101
Calf Growth	102
Milk	98
Maintenance	111
Fertility	100
Cow Value	104
Weaner Calf Value	104
Growth Value	95
Production Value	102
Carcass Value	96

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

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

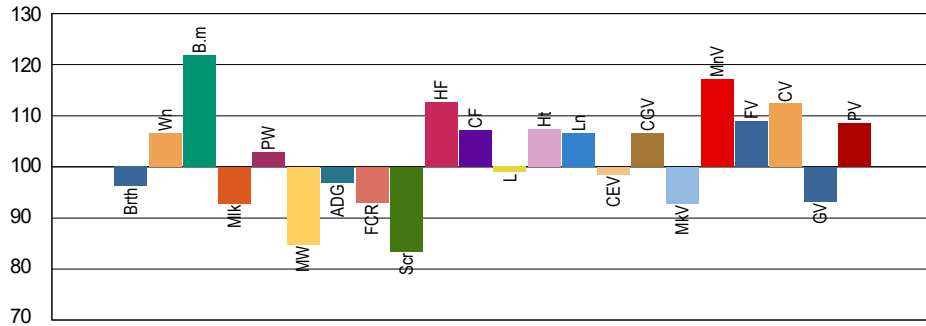
Calving ease:	Smaller calf at birth - easier calving
Calf growth:	Heavier calves at wean due to growth potential of the calf
Milk:	Cows with more milk and better mothering ability
Maintenance:	Animals with low maintenance requirements (lower mature weight).
Fertility:	Cows/daughters that calve earlier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

Genetic Windows

Bulls on the farm

Bulls born in 2023 and earlier

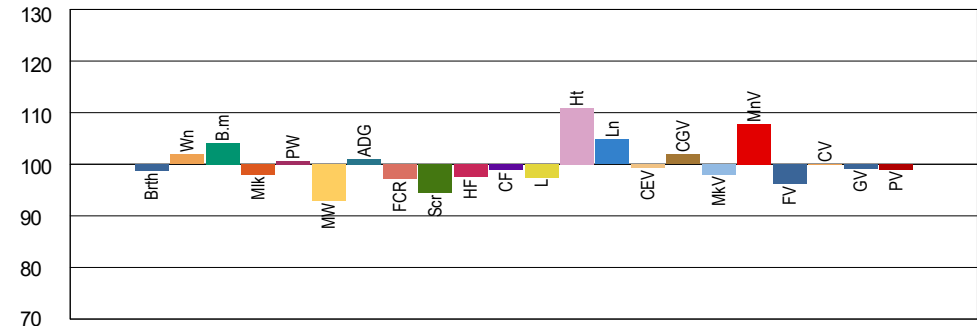
Total: 8



Cow Herd

Cows born in 2024 and earlier

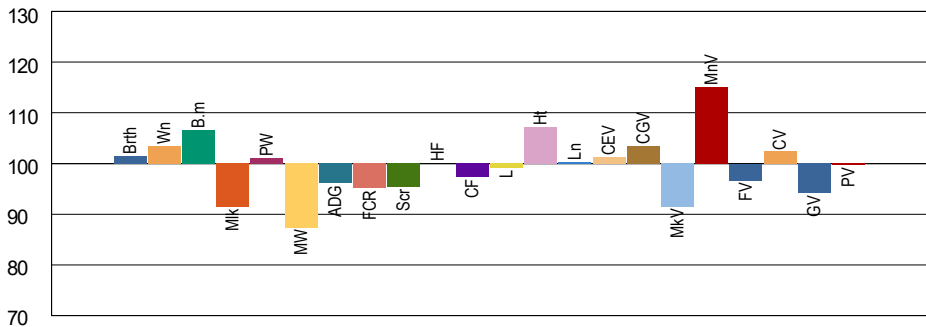
Total: 84



Sires of young animals

Sires of animals 3 years and younger

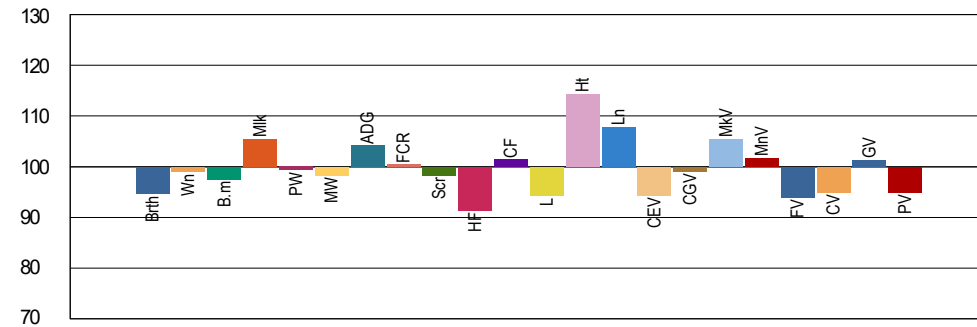
Total: 8



Cows older than 6 years

Cows born in 2020 and earlier

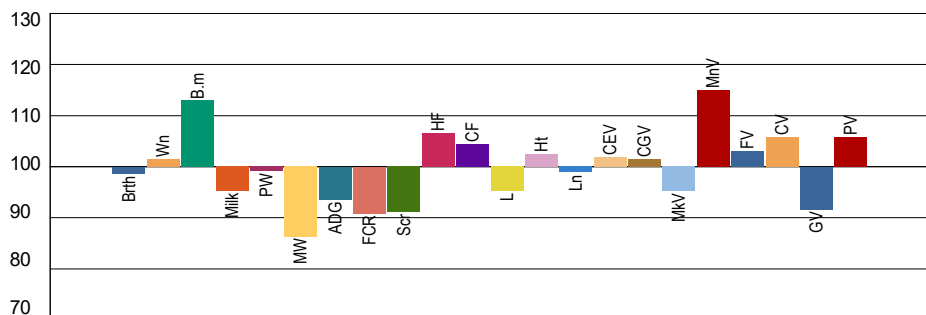
Total: 25



Bull calves

Bulls born in 2025

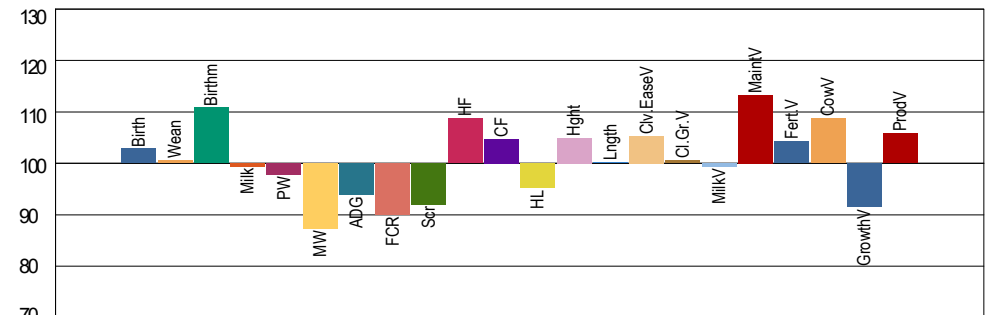
Total: 22



Heifer calves

Heifers born in 2025

Total: 26

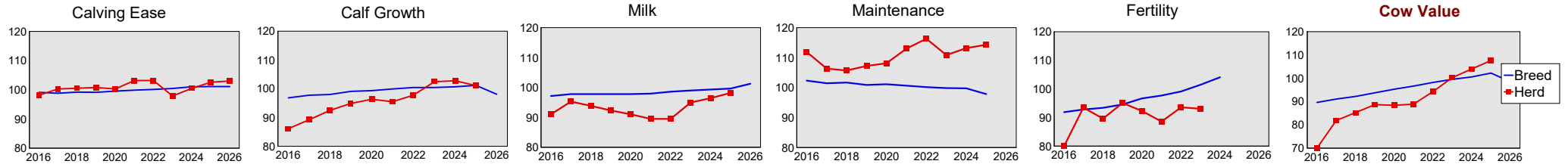


Summary of Cow Herd

			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	99	100	100	100	100	99	100	100	99	100	100	100	99	100	100	100	100	100	100	100	101	100
2011	2	★★★★☆	92	107	98	102	111	108	110	108	92	107	107	98	108	97	112	118	105	110	112	97	125	112	
2012	4	★★★★☆	94	100	130	94	90	104	105	104	96	100	93	130	99	105	109	106	102	86	99	94	126	117	
2013	2	★★★★	69	109	125	88	93	97	112	99	71	109	60	125	109	111	114	105	97	93	99	92	134	125	
2016	3	★★★★	81	97	115	88	91	84	105	87	85	97	82	115	100	112	112	104	114	92	100	88	122	114	
2017	2	★★★★	97	91	100	113	95	89	99	89	95	91	108	100	90	88	97	83	91	92	104	90	104	98	
2018	4	★★★★	102	88	100	107	97	92	98	92	101	88	104	100	97	93	101	98	95	97	100	99	105	100	
2019	7	★★★★	104	100	92	107	95	96	97	95	105	100	104	92	99	93	100	97	94	88	104	96	111	107	
2020	2	★★★★	95	97	92	120	82	85	90	84	91	97	111	92	95	83	93	94	90	82	89	99	87	87	
2021	14	★★★★	101	103	93	110	94	99	102	99	101	103	99	93	100	91	103	96	93	99	95	96	112	103	
2022	14	★★★★☆	102	102	92	113	99	102	99	101	101	102	110	92	101	88	100	95	88	102	98	101	108	101	
2023	14	★★★★☆	100	103	97	104	96	100	99	99	99	103	109	97	103	95	101	97	93	97	101	96	115	111	
2024	18	★★★★☆	103	102	97	114	98	107	92	104	102	102	109	97	100	87	94	93	97	102	97	101	103	98	
2025	26	★★★★☆	105	101	99	113	104	109	92	106	103	101	111	99	98	87	94	90	92	109	105	95	105	100	
2026	14	★★★★☆	102	101	101	111	103	106	94	103	99	101	110	101	99	89	97	94	93	105	105	96	107	102	
Cows in Herd Average:			96	100	102	106	96	98	100	98	96	100	101	102	100	94	102	101	96	97	101	96	112	105	

Genetic Trends for On-Farm Traits

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



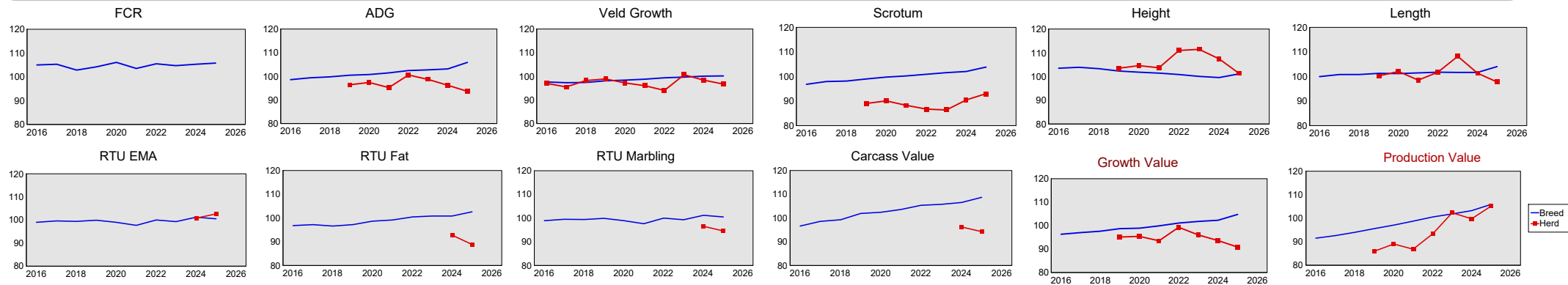
Herd

Birth Year	Calving Ease				Calf Growth			Milk			Maintenance						Fertility								Cow Value
	Birth Weight		Mat EBV	Calv. Ease	Weaning Weight		Calf Growth	Milk (Wn.Mat.)		Postwean Weight	Mature Weight		Maintenance	Heifer Fert.		Cow Fert.		Longevity		Fertility					
	Number	Dir EBV			Number	EBV		Number	EBV		Milk	Number		EBV	Number	EBV	Number	EBV	Number		EBV	Number	EBV		
2016	46	1.08	-0.10	98	44	7.5	86	44	0.99	91	42	15.0	14	7	112	9	1.0	7	1.5	46	16.6	74	70		
2017	61	0.77	0.04	100	53	9.2	89	53	2.27	95	52	17.4	12	15	106	7	-4.7	8	-1.7	62	18.3	93	82		
2018	64	0.90	-0.12	100	50	10.9	92	50	1.85	94	49	20.0	14	19	106	12	-2.1	11	-0.5	64	21.0	90	85		
2019	62	0.84	-0.20	101	48	12.2	95	48	1.37	92	47	21.5	13	16	107	17	-3.9	15	-1.8	63	21.8	95	89		
2020	53	0.99	-0.32	100	48	13.0	96	48	0.97	91	48	21.8	10	8	108	12	-4.2	7	-1.3	51	23.0	92	88		
2021	80	0.63	-0.26	103	67	12.5	95	67	0.47	89	67	20.6	25	8	113	30	-5.2	20	0.8	62	21.8	89	89		
2022	88	0.70	-0.47	103	69	13.7	98	69	0.50	90	69	22.0	12	2	116	17	-8.1	4	1.0	28	24.2	94	94		
2023	74	1.27	-0.58	98	43	16.3	102	43	2.16	95	43	26.1	4	10	111	12	-5.6	1	-2.2			93	100		
2024	77	1.06	-0.74	100	46	16.5	103	46	2.62	96	44	25.1			113								104		
2025	63	1.04	-0.87	103	49	15.5	101	49	3.15	98	18	24.7			114								108		
2026	26	0.92	-0.76	103																					

Breed

Birth Year	Calving Ease				Calf Growth			Milk			Maintenance					Fertility							Cow Value
	Birth Weight		Mat EBV	Calv. Ease	Weaning Weight		Calf Growth	Milk (Wn.Mat.)		Milk	Postwean Weight		Mature Weight		Mainte-nance	Heifer Fert.		Cow Fert.		Longevity		Ferti-lity	
	Number	Dir EBV			Number	EBV		Number	EBV		Number	EBV	Number	EBV		Number	EBV	Number	EBV	Number	EBV		
2016	43617	1.05	-0.23	99	35930	13.3	97	35930	2.85	97	25541	22.8	6538	22	102	8135	-6.1	6285	-0.1	45540	22.9	92	90
2017	45336	1.08	-0.23	99	37532	13.8	98	37532	3.03	98	26133	23.7	6680	22	101	8519	-6.4	6592	-0.1	46660	23.8	93	91
2018	43028	1.06	-0.27	99	35840	13.9	98	35840	3.04	98	24987	23.8	6623	22	102	7937	-6.4	6328	-0.1	44031	24.5	93	92
2019	43014	1.07	-0.28	99	35189	14.5	99	35189	3.04	98	24710	24.8	6812	23	101	8176	-6.8	6640	-0.1	43352	25.5	95	94
2020	43065	1.04	-0.30	100	35848	14.6	99	35848	3.04	98	26199	24.9	7381	23	101	8576	-7.8	6880	-0.3	43333	26.4	97	95
2021	43188	1.01	-0.32	100	35942	14.9	100	35942	3.09	98	26572	25.7	6849	23	101	8460	-7.8	5964	-0.3	40244	27.4	98	97
2022	43262	0.99	-0.31	100	36541	15.2	100	36541	3.28	99	26872	26.2	5981	24	100	8283	-8.2	2919	-0.6	15061	27.5	99	98
2023	44407	0.96	-0.32	100	37320	15.2	100	37320	3.39	99	26594	26.3	1929	23	100	4872	-9.2	139	-1.0			102	100
2024	42942	0.89	-0.31	101	35829	15.3	101	35829	3.50	99	25736	26.4	7	26	100	297	-10.2					104	101
2025	44477	0.89	-0.31	101	33314	15.6	101	33314	3.60	100	7717	28.2			98								102
2026	15472	0.86	-0.27	101	1023	13.9	98	1023	4.09	101													99

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							44	25	96																			
2018							49	32	98																			
2019				17	66	96	30	33	99	17	6.2	89	17	0	103	17	14	100								95	86	
2020				30	69	97	18	29	97	30	6.9	90	30	0	105	30	15	102								95	89	
2021				25	61	95	41	26	96	25	5.8	88	25	0	104	25	12	99								94	87	
2022				41	81	101	26	21	94	40	4.8	87	41	6	111	41	15	102								99	93	
2023				22	74	99	21	38	101	21	4.6	86	22	6	111	22	21	108								96	102	
2024				21	65	96	23	32	98	21	7.1	90	21	3	107	21	15	101	9	0.76	101	-1.09	93	-0.35	97	96	94	100
2025				10	55	94	8	28	97	10	8.6	93	10	-2	101	10	12	98	10	0.94	103	-1.73	89	-0.51	95	94	91	105
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	659	-45	105	8459	77	99	16297	29	97	9041	11.6	98	8541	0	104	8457	14	101	3129	0.61	99	-0.38	97	-0.09	100	99	97	93
2018	628	-41	103	8227	78	100	15438	30	97	8717	11.7	98	7978	-1	103	7980	14	101	2986	0.81	101	-0.47	97	-0.11	99	99	98	94
2019	628	-44	104	8521	81	100	14895	31	98	8900	12.2	99	8361	-1	102	8364	15	101	3151	1.17	105	-0.38	97	-0.07	100	102	99	96
2020	636	-47	106	8817	82	101	15919	32	98	9374	12.6	100	8824	-2	102	8827	15	101	4040	0.98	103	-0.15	99	-0.14	99	102	99	97
2021	664	-43	104	8962	85	101	16263	33	99	9619	12.9	100	9225	-2	101	9224	15	101	3802	1.05	104	-0.07	99	-0.26	98	104	100	99
2022	728	-46	105	8922	88	102	16338	34	99	9812	13.3	101	9649	-2	101	9652	15	102	4279	1.15	105	0.13	100	-0.06	100	105	101	101
2023	763	-44	105	8756	90	103	16158	35	100	9664	13.7	102	9747	-3	100	9738	15	102	4124	1.23	106	0.19	101	-0.11	99	106	102	102
2024	819	-45	105	8610	91	103	15494	36	100	9152	14.0	102	9273	-3	100	9184	15	102	4523	1.21	105	0.20	101	0.04	101	107	102	103
2025	363	-46	106	2908	102	106	4501	36	100	2815	15.1	104	3087	-2	101	3050	17	104	1816	1.24	106	0.47	103	-0.01	101	109	105	106
2026																												

Sires

Bull			Selection Values									Birth			Wean				Grwth & Adaptation					Fertility				Raam		Carcass			Progeny																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
Index EBV Acc	Genomic	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Weaner Calf V	Growth Value	Prod. Value	Carcass V	Cow wt birth	Birth wt	Cow-Calf birth	Cow wt wean	Wean wt	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thicken	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling	Nr measured																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
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Sires

Bull			Selection Values									Birth			Wean				Grwth & Adaptation					Fertility				Raam		Carcass			Progeny			
Index EBV Acc	Genomic	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Weaner Calf V	Growth Value	Prod. Value	Carcass V	Cow wt brth	Birth wt	Cow-Calf birth	Cow wt wean	Wean wt	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling	Nr measured		
ID Comp.nr																																		Birth	Wean	Grwth Test
JRB 170159 86173663		JRB 110033 JRB 120155	108 87	101 90	119 64	115 60	108 50	124 68	118 81	88 56	117 66	95 56	86 5	105 0.45	105 -2.2	85 0	101 15.5	119 9.6	128 141	101 26.2	91 45	107 52	89 -19	112 1.00	110 18.6	118 -19.1	97 0.0	109 37.3	103 -1	98 12.1	103 1.01	106 0.94	109 0.72	66 5	47	
RRF 090029 70014154		AG 920282 RRF 980077	104 94	104 95	121 91	102 90	59 89	96 85	117 93	92 90	94 86	111 88	101 25	105 0.44	97 -1.2	95 14	104 17.3	121 10.3	126 137	100 25.0	93 53	93 19	102 -39	117 1.26	84 3.4	63 11.9	87 1.8	65 11.0	124 16	116 27.8	122 2.90	108 1.39	86 -1.27	52 7	46 3	16
SYF 200107 90506304		ADV 170313 SYF 150340	130 93	99 93	89 88	125 87	102 86	118 83	112 91	71 88	108 84	83 90	79 -4	126 -1.79	126 -5.1	80 -8	99 14.5	89 0.3	101 76	95 20.3	78 -4	104 46	90 -21	99 0.25	121 25.6	98 -8.1	98 -0.2	112 38.9	69 -28	71 -12.0	103 1.03	91 -1.41	92 -0.70	41 12	31	
THE 060036 62569165		AG 980338 THE 030014	96 98	92 99	74 97	121 96	66 93	63 89	81 98	109 92	69 90	89 89	81 -3	98 1.15	84 0.6	83 -2	92 10.8	74 -4.4	77 17	96 21.0	114 132	98 31	105 -45	92 -0.14	111 19.2	75 5.0	83 2.5	75 16.8	108 3	94 8.3	65 -2.81	95 -0.79	93 -0.67	395 67	344 73	271
TMB 130363 78173440		CEF 030351 MMJ 090170	115 96	87 96	82 92	102 91	96 89	82 86	79 95	101 88	84 86	96 90	87 7	112 -0.31	125 -5.0	97 17	87 8.2	82 -1.8	74 10	92 17.6	102 87	96 26	110 -53	110 0.85	100 13.0	105 -12.0	101 -0.8	88 24.4	88 -13	95 9.2	80 -1.33	119 2.99	110 0.81	88 13	82 15	55
TMB 170391 85890663		CEF 100304 JL 120008	111 96	102 96	79 92	129 93	83 90	96 86	105 95	107 90	98 87	98 90	76 -9	111 -0.19	93 -0.6	77 -12	102 15.9	79 -2.7	96 63	98 23.3	105 97	89 8	98 -34	120 1.42	81 1.4	100 -9.0	77 3.5	97 30.2	113 7	97 11.4	119 2.55	103 0.54	87 -1.19	105 32	89 28	89 38
TMB 180331 87368601		CEF 130548 CEF 080084	86 92	114 94	87 78	131 77	118 60	121 76	118 89	89 69	115 75	93 78	73 -13	89 2.15	120 -4.3	74 -16	114 22.7	87 -0.2	120 123	106 30.4	93 53	90 12	89 -18	68 -1.47	69 -5.9	130 -26.2	113 -2.8	94 28.0	104 0	108 20.9	108 1.45	67 -5.11	81 -1.63	142 42	89 10	14

Growth Tests

Animal					Weight		Conformation				Growth & Efficiency					Carcass			
Test Code	Sex	Test number	Sire ID	Cow	Wean	End-	Length	Height	Length/	Scrotum	Intake	ADG	FCR	Veld	Growth	EMA	Fat	Marbling	Carcass
Test Station		ID	Dam ID	Value	dir	wt			Height					Growth	Value	Eye muscle			Value
201904 D11 M THINUS MARITZ BOERDERY		0602691BON																	
		TMB 180331	CEF 130548	121	114	104	108	104	105	69	101	93	89	90	89	108	67	81	93
		87368601	CEF 080084	76	94	30	21	0	1.17	-5.9	0.41	53	-18	12	1.45	-5.11	-1.63	78	
202402 D11 M ANNANDALE BONSMARAS		0614225BON																	
		ANN 230033	TMB 180331	99	96	92	94	97	95	66	99	90	83	83	91	92	80	89	88
		95903712	ANN 140011	52	60	19	8	-5	1.14	-7.2	0.44	42	-8	-5	-0.12	-3.11	-0.97	42	
		ANN 230044	TMB 180331	100	107	104	110	110	98	94	93	107	103	92	98	95	82	92	99
		95907861	ANN 160026	55	70	29	23	4	1.15	8.9	0.55	104	-41	17	0.21	-2.72	-0.72	42	
		ANN 230061	TMB 180331	116	116	102	107	105	102	92	98	95	90	81	90	103	82	87	97
		96163969	ANN 170034	55	70	67	20	1	1.16	8.1	0.46	62	-20	-10	0.97	-2.84	-1.19	42	
		ANN 230071	TMB 180331	111	109	103	103	101	104	88	104	94	94	103	91	107	76	96	94
		96156914	ANN 190006	55	70	29	17	-3	1.16	5.8	0.34	58	-27	43	1.42	-3.77	-0.37	44	
		ANN 230077	TMB 180331	111	110	113	120	124	90	65	90	106	99	97	106	109	87	95	107
96243860	ANN 190010	54	69	38	32	16	1.13	-8.3	0.59	101	-35	29	1.57	-1.99	-0.47	42			
202403 D11 M ANNANDALE BONSMARAS		0614225BON																	
		ANN 240002	SYF 200107	107	96	83	78	80	102	97	113	81	81	92	81	102	102	97	93
		96883178	ANN 210068	50	67	10	-6	-19	1.16	11.0	0.19	8	-5	16	0.89	0.37	-0.29	60	
		ANN 240006	SYF 200107	107	95	83	78	82	98	115	114	87	91	95	83	105	100	102	90
		96883202	ANN 210057	50	67	11	-6	-17	1.15	22.0	0.17	31	-22	25	1.19	0.12	0.11	60	
		ANN 240014	BUF 160168	93	98	108	118	134	72	91	97	104	102	105	103	116	90	93	106
		96883251	ANN 210064	53	68	33	29	24	1.07	7.5	0.48	95	-40	48	2.32	-1.55	-0.69	60	
		ANN 240021	BUF 160168	89	108	105	101	104	95	112	100	91	84	113	95	113	101	109	112
		96883293	ANN 190033	54	68	31	15	0	1.14	20.0	0.43	43	-10	67	1.94	0.17	0.73	60	
		202501 B22 M ANNANDALE BONSMARAS		0614225BON															
ANN 250001	JRB 170159			110	103	103	106	114	85	99	99	99	97	105	96	98	101	109	102
98636491	ANN 120022			49	57	44	42	46	44	47	26	41	26	22	35	30	32	30	31

Growth Tests

Animal					Weight		Conformation				Growth & Efficiency					Carcass			
Test Code	Sex	Test number	Sire ID	Cow Value	Wean dir	End-wt	Length	Height	Length/Height	Scrotum	Intake	ADG	FCR	Veld Growth	Growth Value	EMA Eye muscle Area	Fat	Marbling	Carcass Value
Test Station		ID	Dam ID																
202501 D11 M																			
ANNANDALE BONSMARAS		0614225BON																	
		ANN 240039	ANN 220089	100	114	110	111	123	78	83	90	105	97	91	107	115	100	94	108
		97548366	ANN 210066	48	64	35	23	15	1.09	2.6	0.60	96	-32	13	40	2.21	0.09	-0.59	28
		ANN 240050	JRB 170159	109	106	100	101	106	90	109	101	98	96	104	95	107	103	102	99
		97548440	ANN 210038	51	68	26	14	2	1.13	17.9	0.40	70	-30	47	44	1.38	0.56	0.08	34
		ANN 240055	JRB 170159	104	107	107	111	120	83	90	93	103	98	101	103	110	104	102	103
		97548473	ANN 210077	51	68	32	23	13	1.11	7.0	0.54	92	-34	38	44	1.64	0.64	0.14	34
		ANN 240061	JRB 170159	113	96	94	91	95	95	105	101	90	84	96	90	102	103	99	93
		97863815	ANN 210082	51	68	21	6	-7	1.14	15.8	0.41	41	-10	27	44	0.93	0.45	-0.17	34
		ANN 240071	TMB 180331	119	112	111	114	117	91	80	92	108	103	81	107	97	80	88	104
		97860936	BEI 120030	57	72	36	26	10	1.13	1.1	0.57	109	-42	-10	50	0.39	-3.11	-1.04	47
		ANN 240075	TMB 180331	108	104	98	100	101	99	79	107	93	93	104	88	104	76	96	90
		98071715	ANN 190006	55	70	24	14	-3	1.15	0.5	0.30	52	-26	46	47	1.05	-3.80	-0.43	44
		ANN 240076	TMB 180331	109	109	102	105	104	100	81	106	96	97	114	91	105	76	96	91
		98071723	ANN 180060	55	70	28	18	0	1.16	1.5	0.32	63	-31	69	46	1.17	-3.78	-0.40	44
		ANN 240079	TMB 180331	102	109	105	108	108	99	93	94	104	99	92	97	96	82	92	100
		98083793	ANN 160026	55	70	30	21	3	1.15	8.6	0.54	93	-34	17	48	0.28	-2.79	-0.77	42
202502 D11 M																			
ANNANDALE BONSMARAS		0614225BON																	
		ANN 250005	SYF 200107	102	95	81	75	76	103	104	117	80	82	101	79	101	88	86	87
		98636509	ANN 220028	49	67	9	-9	-22	1.16	15.4	0.12	3	-7	39	39	0.81	-1.87	-1.20	60
		ANN 250008	SYF 200107	114	98	93	86	88	100	122	108	92	93	105	90	106	92	102	97
		98636517	BUF 220126	50	69	20	1	-13	1.15	25.9	0.27	48	-26	48	44	1.24	-1.14	0.15	61
		ANN 250013	JRB 170159	113	100	100	110	116	87	117	105	97	98	103	86	102	96	102	97
		98636525	ANN 190063	51	68	26	23	10	1.12	23.1	0.33	67	-33	42	44	0.89	-0.64	0.07	56
		ANN 250015	SYF 200107	115	111	93	87	93	92	101	111	86	87	115	88	110	89	94	97
		98636533	ANN 220066	49	67	20	2	-8	1.13	13.2	0.23	27	-15	72	44	1.71	-1.72	-0.60	61
		ANN 250016	TMB 180331	103	104	103	107	111	91	75	96	100	94	100	98	99	84	91	96
		98636541	ANN 180001	54	68	29	20	6	1.13	-2.2	0.50	78	-27	36	47	0.62	-2.55	-0.78	60

Growth Tests

Animal					Weight		Conformation				Growth & Efficiency					Carcass			
Test Code	Sex	Test number	Sire ID	Cow Value	Wean dir	End-wt	Length	Height	Length/Height	Scrotum	Intake	ADG	FCR	Veld Growth	Growth Value	EMA Eye muscle Area	Fat	Marbling	Carcass Value
Test Station		ID	Dam ID																
202502 D11 M ANNANDALE BONSMARAS		0614225BON ANN 250027 98672843	JRB 170159 ANN 220041	106	103	100	103	111	86	101	102	102	103	114	98	115	98	106	92
						26	16	6	1.11	13.5	0.39	88	-42	69		2.22	-0.26	0.41	
				50	67	61	56	65	60	68	27	55	27	23	44	52	61	53	56

Breeding Values and Accuracies: Bulls

Inbreeding in red is high

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

Animal				Selection Value											Birth			Wean				Growth & Adaptation					Fertility				Frame		Carcass				
ID	Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Sire ID	Dam ID	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -brth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean 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
JRB 170159	86173663	2	JRB 110033	JRB 120155	108	101	119	115	108	124	118	88	117	95	86	105	105	85	101	119	128	101	91	107	89	112	110	118	97	109	103	98	103	106	109		
					87	90	64	60	50	68	81	56	66	56	5	0.45	-2.2	0	15.5	9.6	141	26.2	45	52	-19	1.0	18.6	-19.1	0.0	37.3	-1	12	1.01	0.94	0.72		
															60	94	71	60	90	64	71	88	63	38	46	73	70	49	31	70	69	63	53	58	54		
TMB 180331	87368601	2	CEF 130548	CEF 080084	86	114	87	131	118	121	118	89	115	93	73	89	120	74	114	87	120	106	93	90	89	68	69	130	113	94	104	108	108	67	81		
					92	94	78	77	60	76	89	69	75	78	-13	2.15	-4.3	-16	22.7	-0.2	123	30.4	53	12	-18	-1.5	-5.9	-26.2	-2.8	28.0	0	21	1.45	-5.11	-1.63		
															76	97	83	77	94	78	83	90	87	41	48	94	92	65	38	78	92	88	75	81	76		
ANN 230033	95903712	1	TMB 180331	ANN 140011	101	96	85	125	107	99	96	91	96	88	79	97	106	81	96	85	93	92	90	83	83	89	66	112	105	95	97	94	92	80	89		
					70	60	56	54	37	52	60	46	51	42	-4	1.32	-2.3	-7	12.8	-0.8	58	18.2	42	-5	-8	-0.3	-7.2	-16.1	-1.5	28.6	-5	8	-0.12	-3.11	-0.97		
															42	74	60	54	60	56	57	64	61	23	26	76	72	37	23	52	70	62	40	43	40		
ANN 230044	95907861	1	TMB 180331	ANN 160026	88	107	92	109	101	100	104	98	99	99	88	85	94	90	107	92	106	105	107	92	103	90	94	102	104	96	110	110	95	82	92		
					70	70	56	54	40	55	65	48	54	42	8	2.56	-0.7	7	18.9	1.4	88	29.8	104	17	-41	-0.2	8.9	-10.5	-1.2	29.4	4	23	0.21	-2.72	-0.72		
															50	74	60	54	70	56	60	64	63	25	28	77	73	42	26	52	71	64	41	44	41		
ANN 230061	96163969	4	TMB 180331	ANN 170034	96	116	89	109	109	116	116	90	111	97	89	92	108	90	116	89	111	109	95	81	90	88	92	108	110	100	105	107	103	82	87		
					70	70	55	54	39	55	65	46	53	42	8	1.86	-2.6	8	23.3	0.5	101	32.8	62	-10	-20	-0.3	8.1	-13.4	-2.4	32.0	1	20	0.97	-2.84	-1.19		
															45	74	60	54	70	55	60	64	61	25	26	76	72	42	24	52	70	62	40	43	41		
ANN 230071	96156914	1	TMB 180331	ANN 190006	97	109	87	123	105	111	112	91	107	94	80	97	121	82	109	87	108	104	94	103	94	66	88	111	103	98	101	103	107	76	96		
					69	70	55	54	40	55	65	47	53	44	-4	1.30	-4.4	-5	20.0	-0.3	94	28.8	58	43	-27	-1.5	5.8	-15.3	-1.2	30.9	-3	17	1.42	-3.77	-0.37		
															50	73	60	54	70	55	60	64	62	25	27	76	72	42	26	52	70	63	42	45	42		
ANN 230077	96243860	4	TMB 180331	ANN 190010	93	110	97	102	111	111	109	106	110	107	94	90	99	96	110	97	109	109	106	97	99	75	65	109	112	99	124	120	109	87	95		
					69	69	54	53	39	54	64	46	52	42	16	2.03	-1.5	16	20.3	2.9	96	32.9	101	29	-35	-1.1	-8.3	-14.2	-2.7	31.2	16	32	1.57	-1.99	-0.47		
															43	73	59	53	69	54	59	64	62	24	26	76	72	41	24	51	70	63	41	44	41		
ANN 230083	96248265	4	TMB 180331	ANN 190016	119	100	87	124	113	117	108	93	113	97	81	115	120	81	100	87	99	97	99	97	97	72	84	111	114	101	115	113	102	83	89		
					69	69	54	54	39	54	64	46	52	42	-2	-0.58	-4.3	-6	15.0	-0.3	72	22.4	74	29	-31	-1.2	3.1	-15.3	-3.0	32.6	9	25	0.91	-2.55	-0.98		
															50	73	60	54	69	54	59	64	61	24	26	76	72	41	24	51	70	62	40	43	41		
ANN 240002	96883178	3	SYF 200107	ANN 210068	117	96	92	121	100	107	104	81	101	93	82	115	106	83	96	92	99	94	81	92	81	99	97	104	94	107	80	78	102	102	97		
					66	67	46	46	31	50	60	39	48	60	-1	-0.60	-2.3	-4	13.0	1.3	72	19.8	8	16	-5	0.3	11.0	-11.4	0.5	35.8	-19	-6	0.89	0.37	-0.29		
															42	72	53	46	67	46	53	61	57	14	14	74	70	32	19	43	67	59	56	64	56		
ANN 240006	96883202	3	SYF 200107	ANN 210057	119	95	90	130	98	107	104	83	101	90	75	116	106	75	95	90	100	92	87	95	91	86	115	102	92	106	82	78	105	100	102		
					65	67	46	46	32	50	60	40	48	60	-10	-0.68	-2.4	-14	12.1	0.5	73	18.0	31	25	-22	-0.5	22.0	-10.5	0.8	35.2	-17	-6	1.19	0.12	0.11		
															42	71	53	46	67	46	53	60	58	15	15	74	70	33	20	43	68	59	56	64	57		
ANN 240014	96883251	1	BUF 160168	ANN 210064	110	98	95	102	87	93	97	103	94	106	94	112	100	97	98	95	95	103	104	105	102	95	91	93	91	92	134	118	116	90	93		
					67	68	51	52	40	53	63	49	52	60	15	-0.27	-1.5	17	14.1	2.0	62	27.5	95	48	-40	0.1	7.5	-5.3	1.0	26.9	24	29	2.32	-1.55	-0.69		
															49	72	58	52	68	51	57	62	59	31	34	74	70	42	26	52	68	60	56	64	57		
ANN 240021	96883293	1	BUF 160168	ANN 190033	87	108	95	95	87	89	98	95	88	112	100	91	85	104	108	95	100	111	91	113	84	123	112	89	97	88	104	101	113	101	109		
					68	68	52	52	40	54	63	50	53	60	24	1.88	0.4	28	19.1	2.1	74	34.9	43	67	-10	1.6	20.0	-2.6	-0.1	24.7	0	15	1.94	0.17	0.73		
															43	73	58	52	68	52	57	63	59	32	34	75	71	42	26	53	68	61	56	64	56		

Breeding Values and Accuracies: Bulls

Inbreeding in red is high

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Breeding values with an accuracy < 5% are not printed

Animal				Selection Value										Birth			Wean				Growth & Adaptation					Fertility				Frame		Carcass					
ID	Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Sire ID	Dam ID	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -brth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean 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
ANN 240039	97548366	27			ANN 220089	ANN 210066	89 62	114 64	93 44	100 46	92 32	100 48	109 58	107 40	101 46	108 28	97 19 37	90 2.04 68	90 -0.2 52	99 20 46	114 22.5 64	93 1.6 44	108 92 51	108 32.0 56	105 96 56	91 13 17	97 -32 18	98 0.2 74	83 2.6 69	89 -2.8 35	94 0.5 20	106 35.6 40	123 15 66	111 23 57	115 2.21 27	100 0.09 29	94 -0.59 27
ANN 240050	97548440	1			JRB 170159	ANN 210038	96 66	106 68	103 46	114 47	97 34	109 51	112 61	95 44	106 50	99 34	87 5 40	96 1.38 72	90 -0.2 54	86 1 47	106 18.4 68	103 4.7 46	118 117 54	105 29.9 63	98 70 55	104 47 23	96 -30 26	130 2.0 73	109 17.9 68	104 -11.1 36	91 1.0 20	107 36.0 46	106 2 65	101 14 57	107 1.38 33	103 0.56 35	102 0.08 33
ANN 240055	97548473	1			JRB 170159	ANN 210077	101 66	107 68	99 47	99 47	97 34	104 51	107 61	103 44	103 50	103 34	98 20 43	101 0.88 72	100 -1.5 54	100 22 47	107 18.7 68	99 3.4 47	106 87 54	107 31.1 63	103 92 55	101 38 23	98 -34 26	101 0.4 73	90 7.0 68	102 -10.0 36	93 0.8 21	106 35.2 46	120 13 66	111 23 57	110 1.64 33	104 0.64 35	102 0.14 33
ANN 240061	97863815	1			JRB 170159	ANN 210082	116 66	96 68	102 48	125 47	101 34	113 51	109 61	90 44	108 50	93 34	79 -5 43	114 -0.52 72	104 -2.1 54	79 -8 47	96 12.6 68	102 4.3 48	110 98 54	96 21.6 63	90 41 55	96 27 23	84 -10 26	112 1.0 73	105 15.8 68	105 -12.1 36	96 0.2 21	106 35.6 46	95 -7 66	91 6 57	102 0.93 33	103 0.45 35	99 -0.17 33
ANN 240071	97860936	1			TMB 180331	BEI 120030	94 71	112 72	112 58	114 54	99 41	119 57	125 67	107 50	118 56	104 47	88 8 54	89 2.14 75	100 -1.5 61	86 1 54	112 21.5 72	112 7.4 58	133 152 61	107 31.0 64	108 109 62	81 -10 30	103 -42 34	80 -0.8 76	80 1.1 73	100 -9.0 43	102 -1.0 26	97 30.3 54	117 10 70	114 26 63	97 0.39 45	80 -3.11 49	88 -1.04 45
ANN 240075	98071715	1			TMB 180331	ANN 190006	95 69	104 70	90 55	132 54	105 40	108 55	108 65	88 47	104 53	90 44	71 -16 50	94 1.55 73	116 -3.7 60	73 -18 54	104 16.9 70	90 0.6 55	112 102 60	100 24.8 64	93 52 62	104 46 25	93 -26 27	68 -1.4 76	79 0.5 72	112 -16.2 42	104 -1.2 26	96 29.4 52	101 -3 70	100 14 63	104 1.05 42	76 -3.80 45	96 -0.43 42
ANN 240076	98071723	1			TMB 180331	ANN 180060	90 69	109 70	93 56	126 54	102 40	109 55	113 65	91 46	105 53	91 44	79 -5 50	88 2.26 73	107 -2.6 60	79 -9 54	109 19.7 70	93 1.4 56	115 111 60	104 28.9 64	96 63 61	114 69 25	97 -31 27	76 -1.0 75	81 1.5 71	107 -12.8 42	101 -0.8 26	98 30.8 52	104 0 69	105 18 62	105 1.17 42	76 -3.78 45	96 -0.40 42
ANN 240079	98083793	1			TMB 180331	ANN 160026	93 69	109 70	90 56	108 54	99 40	102 55	106 65	97 48	100 54	100 42	89 8 50	90 2.02 73	98 -1.4 60	91 8 54	109 19.6 70	90 0.6 56	105 85 60	105 29.4 64	104 93 63	92 17 25	99 -34 28	79 -0.8 77	93 8.6 73	102 -10.0 42	104 -1.2 26	94 27.9 52	108 3 71	108 21 64	96 0.28 41	82 -2.79 44	92 -0.77 41
ANN 240083	98083827	1			TMB 180331	ANN 160037	94 69	104 60	104 56	107 54	108 39	109 52	108 60	93 40	106 50	93 42	90 10 49	90 2.07 73	102 -1.9 60	91 9 54	104 17.3 60	104 4.9 56	113 104 57	103 27.3 58	98 73 51	97 28 25	94 -26 28	87 -0.4 56	92 8.1 55	114 -16.8 40	105 -1.5 25	98 30.8 53	112 7 55	109 22 52	94 0.10 41	80 -3.09 43	88 -1.06 41
ANN 250001	98636491	1			JRB 170159	ANN 120022	94 68	103 57	124 52	99 49	98 34	110 49	112 57	96 35	107 46	102 31	97 19 36	91 1.89 73	100 -1.6 57	98 19 49	103 16.5 57	124 11.0 52	125 133 53	102 26.5 55	99 77 41	105 49 22	97 -31 26	106 0.7 49	99 12.0 47	100 -8.9 32	96 0.1 20	104 34.5 51	114 8 46	106 19 42	98 0.46 30	101 0.26 32	109 0.69 30
ANN 250005	98636509	2			SYF 200107	ANN 220028	117 65	95 67	89 44	119 45	98 31	102 49	99 60	79 39	96 47	87 60	82 0 42	116 -0.68 71	105 -2.2 53	84 -1 45	95 12.4 67	89 0.3 44	94 59 52	95 20.4 61	80 3 57	101 39 14	82 -7 14	102 0.4 74	104 15.4 70	98 -8.0 32	97 0.0 19	106 35.3 43	76 -22 67	75 -9 59	101 0.81 56	88 -1.87 64	86 -1.20 57
ANN 250008	98636517	2			SYF 200107	BUF 220126	120 67	98 69	101 45	111 45	104 31	114 50	108 61	90 44	109 49	97 61	88 8 44	118 -0.89 73	112 -3.2 54	88 5 45	98 13.9 69	101 4.1 45	106 88 53	100 24.8 58	92 48 58	105 48 14	93 -26 23	96 0.1 74	122 25.9 70	100 -9.1 30	103 -1.1 18	107 36.3 44	88 -13 68	86 1 59	106 1.24 57	92 -1.14 65	102 0.15 58

Breeding Values and Accuracies: Bulls

Inbreeding in red is high

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Animal				Selection Value										Birth			Wean				Growth & Adaptation					Fertility				Frame		Carcass					
ID	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 -brth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean wt	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thickn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
ANN 250013	98636525	1	JRB 170159 ANN 190063				111 66	100 68	108 49	104 48	105 34	113 51	108 62	86 44	107 50	97 56	93 14 44	109 0.02 72	109 -2.7 55	93 12 48	100 14.7 68	108 6.2 49	110 99 55	101 25.7 64	97 67 55	103 42 23	98 -33 25	117 1.3 73	117 23.1 68	104 -11.6 35	104 -1.3 21	104 34.3 47	116 10 65	110 23 57	102 0.89 51	96 -0.64 60	102 0.07 52
ANN 250015	98636533	2	SYF 200107 ANN 220066				106 65	111 67	89 45	100 45	112 31	115 49	109 60	88 44	109 48	97 61	99 23 44	104 0.53 71	106 -2.3 53	99 21 45	111 20.7 67	89 0.3 45	101 76 52	110 33.7 61	86 27 58	115 72 13	87 -15 24	133 2.2 74	101 13.2 70	105 -12.2 33	111 -2.5 18	109 37.3 43	93 -8 68	87 2 59	110 1.71 57	89 -1.72 65	94 -0.60 58
ANN 250016	98636541	1	TMB 180331 ANN 180001				91 69	104 68	98 55	106 54	107 39	103 54	103 64	98 47	102 53	96 60	90 10 50	87 2.34 73	107 -2.5 60	92 10 54	104 17.2 68	98 3.1 55	107 90 59	103 28.1 62	100 78 61	100 36 25	94 -27 75	71 -1.3 75	75 -2.2 71	113 -16.8 40	103 -1.2 25	98 30.7 52	111 6 69	107 20 62	99 0.62 56	84 -2.55 64	91 -0.78 56
ANN 250027	98672843	1	JRB 170159 ANN 220041				95 66	103 67	101 45	118 47	100 34	106 50	108 60	98 44	104 49	92 56	84 2 44	94 1.56 72	91 -0.3 54	84 -1 47	103 16.6 67	101 3.9 45	113 105 53	103 27.3 62	102 88 55	114 69 23	103 -42 27	108 0.8 73	101 13.5 68	109 -14.2 35	93 0.7 21	106 35.4 45	111 6 65	103 16 56	115 2.22 52	98 -0.26 61	106 0.41 53
ANN 250033	99267171		JRB 170159 BUF 210126				92 67	113 70	105 47	102 46	104 33	114 51	116 62	99 36	111 48	103 36	98 21 45	90 2.03 73	97 -1.1 54	96 16 46	113 21.9 70	105 5.2 47	119 119 54	109 32.8 56	104 96 40	93 18 21	97 -31 31	109 0.8 45	112 19.7 44	108 -13.5 33	101 -0.8 20	99 31.3 47	107 2 43	104 17 40	108 1.50 34	95 -0.81 37	100 -0.05 35
ANN 250036	99267163		ANN 220055				108 56	95 57	94 32	115 35	104 22	102 40	98 49	77 20	95 36	81 22	85 4 32	104 0.56 63	107 -2.6 42	86 1 35	95 12.4 57	94 1.9 32	98 69 41	90 16.5 35	82 12 26	90 11 12	78 -1 13	85 -0.5 28	82 1.9 27	105 -11.8 24	116 -3.4 13	80 19.8 29	93 -9 27	90 5 26	87 -0.57 22	81 -2.89 23	98 -0.22 22
ANN 250039	99267197	1	JRB 170159 ANN 190019				105 68	100 69	104 51	111 49	98 35	106 52	106 63	93 34	103 48	99 31	88 8 44	104 0.54 73	98 -1.3 56	88 4 49	100 14.8 69	104 4.9 51	111 99 56	101 26.3 58	95 61 40	102 41 23	94 -26 25	106 0.6 46	99 12.1 44	102 -10.1 36	96 0.1 20	103 33.6 48	108 3 44	103 16 40	101 0.77 30	102 0.44 32	105 0.40 30
ANN 250040	99269110		ANN 230014				105 56	91 57	94 31	113 34	92 23	88 40	89 49	82 21	85 36	88 22	86 5 31	106 0.35 63	94 -0.8 42	87 3 34	91 10.0 57	94 1.9 31	93 56 41	90 16.1 35	85 23 24	95 23 16	81 -6 17	85 -0.5 26	91 7.6 26	95 -6.3 24	109 -2.1 13	74 16.2 31	99 -4 26	91 6 24	95 0.14 21	89 -1.71 23	105 0.38 21
ANN 250041	99269144		ANN 230011				107 56	88 57	98 33	110 35	109 22	97 40	89 50	78 20	92 36	79 21	88 7 32	103 0.66 63	107 -2.5 42	89 5 35	88 8.6 57	98 3.2 33	93 57 42	88 14.3 35	83 15 25	107 53 12	79 -3 14	88 -0.3 28	87 5.0 27	112 -16.0 24	120 -4.2 12	78 18.7 30	96 -6 27	91 5 25	81 -1.25 20	83 -2.61 22	94 -0.57 20
ANN 250045	99269151		ANN 230007				94 56	85 57	97 32	118 34	96 22	82 40	81 49	81 21	79 36	87 21	85 3 32	98 1.16 63	78 1.3 42	84 -1 34	85 7.0 57	97 2.6 32	91 51 41	89 15.3 34	83 15 24	104 46 16	81 -5 17	90 -0.3 27	88 5.4 26	99 -8.3 24	113 -2.8 13	75 16.9 30	101 -2 26	91 5 24	90 -0.34 20	93 -1.10 22	103 0.19 20
ANN 250058	99482143	1	TMB 180331 ANN 190006				95 69	111 70	86 55	122 54	103 40	111 55	113 65	93 40	107 52	94 44	80 -4 50	95 1.48 73	121 -4.3 60	82 -4 54	111 21.0 70	86 -0.5 55	110 97 60	105 29.4 58	96 66 52	100 36 25	95 -28 27	72 -1.2 57	82 1.9 56	111 -15.2 42	103 -1.2 26	93 27.7 52	101 -2 55	104 17 52	108 1.44 42	76 -3.79 45	96 -0.38 42
ANN 250061	99755324		TMB 180331 ANN 180102				108 62	85 63	96 45	131 48	115 32	104 48	92 58	86 34	99 45	88 39	74 -12 47	103 0.70 67	104 -2.1 52	74 -16 48	85 7.1 63	96 2.5 45	97 65 52	80 7.4 45	89 36 43	98 30 21	85 -12 24	83 -0.6 47	80 0.7 46	122 -21.5 33	106 -1.7 19	100 31.6 44	98 -5 46	97 11 44	96 0.26 38	81 -2.95 40	90 -0.87 38

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Animal				Selection Value										Birth			Wean				Growth & Adaptation					Fertility				Frame		Carcass			
ID	Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -brth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean wt	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thicken	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
ANN 250063	99755290	1	TMB 180331	ANN 160026	83	118	96	108	98	109	118	97	107	98	89	57	80	91	118	96	120	112	103	90	98	81	90	101	104	91	109	109	96	81	90
					70	70	56	54	40	55	65	42	52	42	9	5.51	1.1	8	24.8	2.4	121	35.9	92	13	-33	-0.7	6.5	-9.8	-1.2	26.3	4	21	0.25	-2.95	-0.90
															50	74	60	54	70	56	60	58	53	25	28	59	58	42	26	52	57	54	41	44	41
ANN 250064	99755316	1	TMB 180331	ANN 210041	108	105	84	126	103	110	109	94	107	91	78	106	121	80	105	84	103	98	96	93	94	89	79	111	101	95	104	102	108	81	89
					67	59	50	52	38	50	58	40	48	44	-6	0.34	-4.4	-8	17.5	-1.1	80	23.6	65	19	-27	-0.3	0.0	-15.6	-0.8	28.7	0	15	1.53	-3.02	-0.97
															45	72	57	52	59	50	54	58	51	24	27	55	54	42	24	48	54	51	42	46	43
ANN 250065	99755308	1	TMB 180331	BUF 210127	92	112	79	117	106	107	109	97	104	97	88	87	99	85	112	79	102	106	101	85	95	85	87	109	109	93	106	103	112	73	89
					69	70	52	52	37	54	64	42	52	46	7	2.31	-1.4	0	21.4	-2.6	78	30.0	83	-1	-28	-0.5	4.9	-14.1	-2.1	27.6	2	17	1.84	-4.14	-0.99
															50	74	58	52	70	52	58	56	50	24	33	54	53	39	23	50	53	51	44	47	44
ANN 250067	99752917	4	TMB 180331	ANN 170038	98	104	94	124	111	113	110	91	109	97	79	95	110	80	104	94	111	99	93	82	85	81	75	112	114	95	108	108	105	82	89
					69	70	56	54	37	55	65	39	52	42	-5	1.49	-2.9	-7	17.1	1.9	99	23.8	53	-7	-11	-0.7	-2.4	-16.2	-3.0	28.7	3	20	1.13	-2.73	-0.99
															48	73	60	54	70	56	60	58	51	24	25	56	55	38	22	51	54	51	40	43	40
ANN 250070	99752933	3	TMB 180331	ANN 210077	110	96	87	129	103	103	101	93	101	92	73	105	104	77	96	87	97	95	95	93	91	85	73	111	101	96	106	101	104	84	87
					67	69	52	53	38	53	64	40	50	44	-12	0.45	-2.1	-12	12.6	-0.3	66	20.9	60	19	-22	-0.5	-3.6	-15.3	-0.7	29.7	2	15	1.10	-2.49	-1.19
															49	72	58	53	69	52	58	58	51	24	27	55	54	42	24	49	54	51	42	45	42
ANN 250071	99752941	2	TMB 180331	ANN 210058	108	103	83	131	100	108	109	95	105	94	74	105	113	75	103	83	103	98	98	87	93	88	78	111	98	94	106	101	102	84	87
					67	69	52	53	39	54	64	40	51	44	-11	0.47	-3.3	-15	16.5	-1.4	80	23.0	72	4	-25	-0.3	-0.3	-15.2	-0.2	28.4	2	15	0.85	-2.45	-1.18
															49	72	58	53	69	52	58	58	50	24	28	54	54	42	24	50	53	51	42	45	42
ANN 250073	99752966	1	TMB 180331	ANN 180060	96	113	89	116	100	111	115	96	108	95	85	94	115	85	113	89	112	107	99	110	98	75	82	105	101	95	104	107	108	76	96
					69	70	56	54	40	55	65	40	52	44	4	1.57	-3.6	0	21.8	0.3	101	31.0	76	60	-33	-1.0	2.3	-12.0	-0.8	29.1	0	20	1.49	-3.78	-0.37
															50	73	60	54	70	56	60	58	51	25	27	56	55	42	26	52	54	52	42	45	42
ANN 260006	6020233406	1	SYF 200107	ANN 230026	105	108	98	100	94	106	110	90	103	100	97	105	102	99	108	98	107	107	93	112	97	94	112	93	98	99	100	98	111	94	98
					65	56	39	38	30	44	52	32	42	44	19	0.43	-1.9	20	19.4	3.1	90	31.3	52	65	-32	0.0	20.1	-5.0	-0.2	31.4	-3	12	1.80	-0.84	-0.20
															35	71	50	38	56	39	44	54	44	18	18	50	49	32	18	41	48	45	42	45	42
ANN 260008	6020233414	1	TMB 180331	ANN 210079	88	114	100	103	112	116	115	103	114	100	95	83	101	96	114	100	116	109	105	104	99	91	86	121	107	95	117	114	108	84	88
					68	59	51	53	38	50	58	40	48	44	17	2.73	-1.8	15	22.6	3.7	113	33.4	100	44	-35	-0.2	4.7	-21.2	-1.8	29.0	10	26	1.47	-2.50	-1.07
															50	73	59	53	59	51	54	58	50	24	28	54	54	42	24	48	53	51	42	45	42
ANN 260013	6020490030	1	JRB 170159	ANN 220014	101	100	107	123	99	110	111	96	107	93	81	99	94	81	100	107	119	99	98	98	94	110	100	109	93	103	108	98	99	102	100
					66	57	45	47	34	47	55	34	44	34	-2	1.08	-0.7	-6	14.8	6.0	118	23.9	71	30	-26	0.9	12.5	-14.4	0.7	33.7	3	12	0.55	0.32	-0.08
															38	72	54	47	57	45	50	57	40	23	27	45	44	36	22	45	43	40	33	35	33
ANN 260015	6020490055			ANN 220028	83	98	95	107	102	88	89	81	84	84	91	85	80	92	98	95	98	96	83	98	77	100	86	105	116	76	98	90	89	91	95
					56	35	31	36	22	33	38	20	30	22	12	2.52	1.1	10	13.8	2.1	68	21.1	17	30	1	0.3	4.3	-12.0	-3.4	17.5	-5	4	-0.39	-1.34	-0.50
															32	63	43	36	35	31	34	36	25	12	12	29	28	25	14	27	28	26	21	23	21
ANN 260018	6020490089	1	JRB 170159	ANN 230068	117	98	108	102	91	106	106	97	104	104	95	116	110	95	98	108	108	101	98	104	95	100	105	95	93	99	115	109	110	102	107
					66	57	42	40	33	46	53	35	44	34	16	-0.69	-3.0	15	13.7	6.3	92	25.8	72	45	-29	0.3	15.6	-6.2	0.6	31.4	9	21	1.64	0.42	0.56
															37	72	51	40	57	42	46	57	39	25	29	45	43	35	20	44	43	40	33	36	34

Breeding Values and Accuracies: Bulls

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Animal				Selection Value										Birth			Wean				Growth & Adaptation					Fertility				Frame		Carcass			
ID	Inbreeding	Genomic	Index	Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -brth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean wt	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thicken	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling	
																																			EBV
Animal no	%	Parenage	Sire ID	Dam ID																															
ANN 260023	1	TMB 180331	ANN 190043		95	107	85	119	102	103	105	91	100	90	82	94	120	84	107	85	102	101	94	90	93	78	79	109	103	93	98	100	105	74	95
6020490139		ANN 190043			68	60	52	53	39	51	59	40	49	44	0	1.56	-4.2	-1	18.7	-1.0	79	25.6	58	12	-26	-0.9	0.4	-13.9	-1.1	27.9	-5	14	1.21	-3.99	-0.44
														46	73	59	53	60	52	55	58	51	25	27	54	54	42	25	50	53	51	42	45	42	
ANN 260025	1	JRB 170159	ANN 230039		113	96	105	106	91	102	103	94	99	98	91	112	108	92	96	105	106	99	95	109	94	98	105	95	91	101	107	102	109	98	109
6020490154		ANN 230039			65	57	41	39	33	45	53	36	43	36	11	-0.25	-2.6	10	13.0	5.3	87	23.8	62	57	-27	0.2	15.6	-6.4	1.0	32.3	2	15	1.58	-0.19	0.69
														38	71	50	39	57	41	46	56	39	25	29	45	44	35	20	44	43	40	34	37	34	
ANN 260026	2	TMB 180331	ANN 220082		99	110	89	127	102	114	116	96	110	93	78	94	105	78	110	89	114	105	98	93	94	84	78	110	99	99	105	103	108	80	90
6020490162		ANN 220082			66	59	50	52	38	50	58	40	48	44	-6	1.55	-2.2	-10	20.2	0.4	107	29.2	71	18	-27	-0.5	-0.6	-14.8	-0.4	31.0	1	16	1.53	-3.03	-0.91
														50	78	57	52	59	50	54	58	50	24	27	54	54	42	24	48	53	51	43	46	43	
ANN 260028	1	TMB 180331	BUF 220126		112	105	97	112	111	120	114	99	116	100	88	108	117	88	105	97	110	103	99	95	91	87	89	115	111	98	108	107	106	78	89
6020575244		BUF 220126			67	59	51	52	37	50	58	44	49	48	7	0.19	-3.8	4	17.9	2.9	98	28.1	75	23	-22	-0.4	5.9	-17.6	-2.4	30.6	3	20	1.32	-3.47	-0.95
														51	72	58	52	59	51	54	54	51	24	33	56	55	40	24	48	55	52	46	49	46	
ANN 260119	1	TMB 180331	ANN 200057		97	103	88	125	102	103	105	90	100	86	78	94	108	80	103	88	104	99	93	99	92	79	79	106	103	96	95	98	102	76	95
6020491111		ANN 200057			59	59	52	53	39	49	57	40	47	44	-6	1.63	-2.7	-7	16.6	0.0	83	24.5	51	34	-23	-0.9	0.4	-12.7	-1.0	29.7	-7	12	0.88	-3.81	-0.51
														50	61	54	53	59	52	55	58	50	25	27	55	54	42	24	50	53	51	42	45	42	

Breeding Values and Accuracies: Cows & Heifers

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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	
BEI 110027		BBN 070048		74292194	BEI 030061	84	108	107	97	111	108	105	109	108	109	99	87	85	101	108	107	113	108	112	94	118	99	106	109	114	92	124	117	91	109	113
						83	81	85	77	54	70	82	54	67	48	21	2.38	0.4	23	19.3	5.8	104	32.2	126	20	-66	0.3	16.4	-14.0	-3.1	26.8	16	29	-0.26	1.40	1.06
																77	84	81	77	81	85	81	78	64	43	39	73	71	55	34	72	70	46	51	46	
HJL 110108	2	HJL 060120		73911521	HJL 050159	100	106	89	107	111	108	104	110	108	108	99	97	115	92	106	89	101	107	112	132	117	99	103	111	109	101	126	106	117	116	100
						82	80	84	76	52	69	81	56	66	53	22	1.32	-3.6	10	18.4	0.2	75	30.9	126	114	-65	0.3	14.7	-15.2	-2.1	32.4	18	19	2.38	2.60	-0.05
																75	83	80	76	80	84	80	70	65	30	41	76	74	54	32	71	72	50	56	50	
ANN 120013		AG 060034		75774778	ANN 060021	81	102	144	76	93	102	110	113	104	121	123	83	97	125	102	144	123	103	117	89	104	86	101	95	100	86	135	135	103	98	109
						78	79	85	79	47	68	80	40	62	28	54	2.71	-1.2	59	16.1	17.1	128	28.1	144	9	-42	-0.5	13.5	-6.1	-0.5	23.3	25	44	1.00	-0.31	0.74
																38	78	79	79	79	85	81	78	54	20	22	67	64	45	26	69	62	55	27	29	27
ANN 120022		AG 060034		75775106	ANN 030003	93	98	127	88	83	94	102	105	95	109	107	92	103	111	98	127	115	97	108	104	104	100	88	82	95	86	125	114	92	97	108
						82	71	81	77	45	65	75	40	60	27	33	1.83	-2.0	37	13.8	12.0	109	22.2	110	45	-43	0.3	5.5	1.2	0.3	23.4	17	26	-0.08	-0.41	0.65
																41	82	80	77	71	81	76	66	53	20	22	66	63	41	26	67	61	54	26	28	27
BEI 120021		BBN 070048		76350198	BEI 050034	99	102	114	99	105	111	106	93	107	103	92	104	89	98	102	114	115	100	98	93	106	132	115	95	110	107	119	106	78	118	104
						84	81	85	79	54	71	82	55	68	49	13	0.56	-0.1	19	15.9	8.1	110	25.2	72	19	-47	2.1	21.7	-6.3	-2.3	35.9	12	19	-1.56	2.96	0.32
																79	84	82	79	81	85	82	80	60	42	46	69	67	57	35	71	66	61	46	52	47
BEI 120030	3	BEI 070118		76349976	BEI 010054	103	98	136	111	78	109	119	109	109	99	93	106	88	87	98	136	140	95	111	84	110	100	105	72	92	95	125	112	77	89	90
						83	81	85	77	54	70	82	56	67	51	14	0.37	0.0	2	14.1	14.6	169	20.8	120	-4	-54	0.3	16.0	7.0	0.9	28.8	16	24	-1.66	-1.63	-0.94
																77	84	81	77	81	85	81	76	59	44	48	70	67	56	36	71	66	60	48	54	48
ANN 130017		AG 060034		78472842	ANN 100032	69	97	126	96	92	87	93	112	90	113	100	78	64	101	97	126	118	100	116	97	111	98	86	96	99	84	143	127	93	108	114
						81	78	83	77	46	67	79	44	62	42	23	3.25	3.3	24	13.3	11.7	118	25.3	139	28	-54	0.2	4.6	-6.5	-0.4	22.0	31	38	0.03	1.29	1.12
																34	81	79	77	78	83	79	76	59	20	22	73	70	45	26	68	68	61	39	45	39
BUF 130013	1	RRF 090029		78507076	ZBR 090006	68	121	123	80	93	106	119	112	107	126	123	64	61	121	121	123	125	117	111	82	98	124	108	90	99	99	124	122	134	115	99
						81	79	82	73	48	67	79	54	64	54	54	4.76	3.7	53	26.2	10.6	133	40.6	120	-7	-33	1.6	17.3	-3.4	-0.4	31.5	16	33	4.06	2.37	-0.18
																74	82	78	73	79	82	78	74	60	29	42	72	67	45	32	68	67	61	50	57	51
ANN 160007		THE 060036		83555383	ANN 060021	74	101	130	73	103	94	99	117	98	111	128	74	89	130	101	130	109	105	123	114	110	108	119	103	107	92	136	129	91	98	102
						79	77	82	78	48	67	78	42	62	30	61	3.66	-0.1	67	15.7	12.8	95	29.3	165	69	-54	0.8	24.2	-10.6	-1.8	26.8	26	39	-0.21	-0.28	0.10
																66	80	78	78	77	82	79	76	54	28	27	62	60	47	32	66	59	54	29	31	29
ANN 160026	5	THE 060036		84206994	ANN 120021	81	96	96	100	79	71	83	102	74	96	95	88	75	98	96	96	94	98	110	95	105	94	107	75	95	86	110	102	78	95	98
						80	77	80	76	51	67	78	48	63	33	17	2.26	1.8	19	12.8	2.6	59	22.9	116	24	-45	0.0	16.8	5.1	0.3	23.4	5	15	-1.56	-0.78	-0.21
																65	81	78	76	77	80	78	76	62	30	30	73	70	52	36	66	69	63	32	34	32
ANN 160037		THE 060036		84503705	ANN 080005	89	93	120	90	92	88	91	96	88	94	107	93	90	109	93	120	106	98	104	103	98	107	116	97	97	87	121	110	81	93	95
						78	75	80	76	47	65	76	42	60	31	33	1.72	-0.3	35	11.3	9.8	87	23.3	93	43	-33	0.7	22.0	-7.5	-0.1	23.8	14	23	-1.25	-1.07	-0.50
																63	79	77	76	75	80	77	74	54	28	27	63	61	46	31	65	59	55	30	32	30
ANN 170021		THE 060036		85239440	ANN 090024	91	92	96	107	84	78	86	106	81	97	91	89	96	91	92	96	94	91	103	74	86	79	102	88	94	85	97	91	80	93	93
						78	75	79	75	46	65	76	46	61	38	11	2.18	-1.1	9	10.8	2.5	58	17.1	92	-27	-14	-0.8	13.9	-2.0	0.4	22.7	-5	5	-1.32	-1.01	-0.64
																64	79	76	75	75	79	76	72	60	28	27	71	68	42	31	65	67	61	36	40	36

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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
ANN 170038 86105889		AG	130134 ANN 080006		103 77	90 75	103 78	119 75	105 42	100 64	95 76	91 37	97 59	96 26	82 -1 60	100 0.94 78	98 -1.3 75	84 -2 75	90 9.7 75	103 4.5 78	102 79 76	89 15.4 74	91 47 52	76 -23 23	80 -3 17	95 0.0 63	79 0.2 60	96 -6.9 40	114 -3.1 23	95 28.7 63	110 5 59	104 17 53	97 0.39 26	98 -0.34 27	96 -0.39 26
ANN 180001 86837325		THE	060036 ANN 100006		89 78	91 67	108 77	96 75	93 47	82 62	85 72	100 42	83 58	90 39	99 22 64	87 2.31 79	98 -1.3 76	102 25 75	91 10.2 67	107 6.0 77	97 66 73	94 19.7 66	102 86 54	108 54 28	95 -29 27	78 -0.9 62	89 6.4 60	97 -7.5 46	94 0.5 32	96 29.6 64	109 4 59	98 12 54	79 -1.46 37	95 -0.80 41	94 -0.56 37
ANN 180060 88059258	2	AG	110138 ANN 150056		102 78	99 76	96 78	119 76	84 51	94 66	103 77	98 40	94 61	86 40	85 3 66	98 1.15 79	102 -1.8 76	84 -2 76	99 14.3 76	96 2.6 78	105 85 77	100 24.8 76	100 79 53	136 122 28	104 -44 23	82 -0.7 60	92 7.7 58	84 0.1 54	90 1.2 35	97 29.8 64	97 -6 57	96 11 54	99 0.56 38	84 -2.42 41	110 0.81 39
ANN 180067 88042023	1	AG	130134 ANN 140034		112 77	92 75	94 75	97 75	115 49	100 65	88 75	97 40	99 60	92 30	99 22 64	112 -0.26 78	109 -2.8 75	102 25 75	92 10.8 75	94 1.7 75	86 40 75	98 23.3 75	100 79 55	107 54 26	94 -28 22	106 0.7 64	105 16.0 62	111 -15.2 51	116 -3.4 32	100 31.6 63	108 4 61	106 19 56	89 -0.38 30	97 -0.43 31	94 -0.60 30
ANN 180102 99559692					106 30	71 27	101 40	116 59							86 5 55	108 0.11 29	92 -0.4 40	85 0 59	71 -0.8 27	101 3.9 40	79 23 42							103 33.5 34							
ANN 190006 88566187	2	AG	110138 ANN 160049		105 78	96 75	91 75	128 75	89 51	96 65	101 75	93 42	94 60	88 40	74 -12 65	103 0.71 79	114 -3.5 75	78 -11 75	96 12.9 75	91 0.8 75	101 76 75	96 21.8 74	96 63 56	115 71 28	99 -35 23	76 -1.0 64	91 7.5 63	94 -5.9 54	94 0.4 34	91 26.6 64	93 -8 61	92 7 57	100 0.69 38	84 -2.44 41	110 0.81 39
ANN 190008 88566203	1	AG	130134 ANN 120022		87 78	112 76	105 78	90 76	99 48	103 66	108 77	105 40	103 61	114 30	106 31 62	90 2.02 79	92 -0.6 76	110 36 76	112 21.2 76	105 5.2 78	109 96 77	106 30.4 74	107 106 56	84 -2 25	99 -35 20	95 0.1 66	91 7.2 64	82 1.4 51	111 -2.6 31	102 33.3 63	129 20 63	123 34 57	107 1.35 29	99 -0.11 30	102 0.15 29
ANN 190016 88935952	1	AG	130134 ANN 120043		121 78	95 74	89 73	108 76	103 48	103 64	96 75	95 39	101 59	101 30	91 12 64	121 -1.20 79	109 -2.8 76	91 8 76	95 12.2 74	89 0.3 73	90 49 74	95 20.6 74	99 76 54	98 31 25	96 -30 20	99 0.3 64	96 10.6 62	91 -3.7 50	115 -3.1 31	97 29.9 63	116 10 60	110 23 55	97 0.37 29	99 -0.09 30	96 -0.40 29
ANN 190019 88935986	1	AG	130134 ANN 140001		105 77	102 75	86 76	105 77	87 47	92 65	97 76	100 36	92 59	103 28	94 16 65	107 0.26 78	97 -1.2 75	94 14 77	102 16.2 75	86 -0.6 76	93 56 76	104 28.3 74	102 85 24	95 24 20	99 -35 56	99 0.3 64	90 6.7 55	84 -0.2 52	96 0.2 27	99 31.4 62	115 9 54	111 23 50	99 0.60 28	99 -0.07 29	102 0.09 28
ANN 190043 89469720	2	AG	110138 ANN 150035		98 76	102 73	82 69	105 74	86 50	85 63	94 73	94 38	84 58	87 40	92 12 52	95 1.50 78	116 -3.8 74	94 14 74	102 16.1 73	82 -1.7 69	90 48 72	97 22.3 74	96 63 51	90 12 29	98 -33 24	89 -0.3 55	90 6.7 55	87 -1.7 53	93 0.6 33	93 27.8 63	92 -9 54	93 7 52	103 0.96 39	81 -2.88 41	110 0.75 39
ANN 190057 89465090	1	AG	130134 ANN 150017		104 77	93 73	92 73	111 75	97 48	91 64	89 74	103 40	92 59	97 30	86 4 63	109 0.07 78	86 0.3 75	88 5 75	93 11.0 73	92 1.2 73	92 53 74	97 22.4 73	104 96 55	107 52 26	97 -32 22	96 0.1 64	99 12.2 58	89 -2.5 51	111 -2.5 30	92 27.3 62	111 5 61	106 19 56	92 -0.14 30	98 -0.21 31	96 -0.41 30
ANN 190063 89579148	1	AG	130134 ANN 140016		110 74	97 73	98 73	99 76	102 47	101 63	97 73	92 38	98 58	97 38	97 19 64	109 0.07 76	109 -2.8 73	99 21 76	97 13.5 73	98 3.2 73	96 65 74	99 24.0 74	97 69 53	94 20 25	94 -26 20	103 0.5 62	98 11.9 60	92 -4.4 51	111 -2.6 29	97 30.1 60	118 11 59	112 24 54	97 0.36 36	93 -0.99 39	96 -0.43 36

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ANN 200013 90139221	2	AG 110138 ANN 150053			88 74	101 73	96 72	125 75	79 49	89 63	104 73	90 40	87 58	84 45	77 52	83 76	91 73	80 75	101 73	96 72	110 73	96 74	93 54	76 28	93 23	89 60	90 59	81 53	85 33	98 62	87 58	87 54	94 0.08	86 -2.20	108 0.65
ANN 200057 91355578	1	AG 110138 ANN 150051			101 73	92 72	88 68	115 73	85 48	81 62	87 71	90 38	80 57	80 40	83 64	99 75	98 71	86 73	92 72	88 68	89 71	93 74	92 51	108 27	95 22	90 56	90 55	83 52	92 30	99 61	87 54	87 51	96 0.30	84 -2.52	108 0.61
ANN 210022 91762781	1	AG 130134 ANN 120022			93 75	108 72	115 70	86 74	98 46	105 62	108 72	107 40	106 58	114 30	111 38	95 1.47	99 -1.4	114 43	108 74	115 8.2	111 100	108 72	108 55	106 25	100 20	105 65	93 63	87 50	109 27	97 61	126 17	121 33	106 1.30	100 0.04	104 0.26
ANN 210041 92663343	3	TMB 170391 ANN 180030			117 72	101 70	83 61	117 71	87 46	98 59	104 69	98 40	97 55	90 42	83 0	112 -0.27	115 -3.6	85 0	101 15.3	83 -1.6	93 57	95 20.5	99 77	96 26	99 -36	110 0.9	88 5.9	93 -5.1	89 1.3	96 29.4	104 0	95 10	109 1.60	94 -0.94	97 -0.31
ANN 210051 92657709	2	TMB 170391 ANN 180066			108 72	104 72	105 67	105 73	93 46	108 61	110 71	104 38	107 56	101 39	91 12	110 -0.05	98 -1.3	93 12	104 16.9	105 5.1	112 101	102 26.9	104 95	91 13	98 -33	110 0.9	87 4.9	98 -7.9	94 0.4	96 29.7	119 12	109 22	110 1.64	100 0.07	93 -0.66
ANN 210057 92657725	5	TMB 170391 ANN 170055			101 72	98 72	88 68	123 73	90 47	94 61	99 71	105 42	95 57	99 45	82 -1	102 0.81	89 -0.1	81 -5	98 14.1	88 0.0	98 69	97 22.0	106 103	87 4	98 -33	98 0.2	100 12.8	104 -11.1	86 1.9	95 28.6	110 5	101 14	102 0.92	102 0.32	97 -0.28
ANN 210058 92663434	5	TMB 170391 ANN 160018			120 73	95 73	78 68	128 73	82 47	93 62	99 72	103 40	93 58	94 40	78 -7	118 -0.92	106 -2.3	78 -11	95 12.4	78 -3.0	87 43	92 17.9	104 95	82 -7	97 -32	109 0.8	88 5.8	91 -4.0	83 2.4	94 28.1	109 4	96 10	95 0.14	101 0.21	92 -0.74
ANN 210064 92663459	1	TMB 170391 ANN 170044			125 73	88 72	89 68	127 73	104 45	105 61	96 71	96 40	103 57	91 44	77 -8	123 -1.42	110 -2.9	78 -10	88 8.7	89 0.4	90 50	90 16.3	98 71	86 2	93 -25	109 0.8	81 1.5	110 -15.0	100 -0.5	102 32.8	116 9	102 15	102 0.93	95 -0.67	87 -1.15
ANN 210068 92663491	3	TMB 170391 ANN 120050			93 74	102 73	94 69	106 73	95 45	94 62	98 72	101 40	94 58	101 44	92 12	96 1.43	87 0.1	92 11	102 16.1	94 1.9	101 76	99 24.1	100 78	77 -19	90 20	108 0.8	82 2.2	107 -13.2	89 1.3	96 29.6	112 6	102 15	104 1.06	102 0.41	96 -0.41
ANN 210069 92663574	3	TMB 170391 ANN 130006			104 74	91 72	88 69	110 74	84 45	79 62	84 72	97 38	80 57	89 38	87 6	105 0.44	93 -0.7	90 7	91 9.9	88 0.1	86 39	92 17.5	97 69	101 38	95 -29	106 0.7	85 3.9	91 -4.1	86 2.0	95 29.1	110 5	95 10	97 0.34	97 -0.41	91 -0.80
ANN 210077 92663566	2	TMB 170391 ANN 180055			96 72	103 72	81 67	99 73	84 46	82 61	91 71	104 40	84 57	100 39	95 63	99 1.08	92 -0.4	100 22	103 16.7	81 -2.0	87 42	103 72	104 52	89 24	97 25	104 59	82 58	87 53	88 29	98 57	118 57	107 53	108 38	100 40	92 38
ANN 210079 92663541	3	TMB 170391 ANN 160007			90 74	107 72	111 65	84 72	106 47	104 61	104 71	116 40	107 57	108 39	117 46	93 1.66	96 -1.0	117 47	107 18.6	111 7.2	106 89	107 72	118 50	117 77	109 -51	115 1.2	104 55	112 52	101 30	97 58	130 54	120 51	108 38	100 40	95 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
ANN 210082 92763614	2	TMB 170391 ANN 170034			115 73	97 73	85 68	128 73	91 46	101 62	103 72	98 40	99 58	93 40	75 -10 63	114 -0.50 75	100 -1.6 70	78 -11 73	97 13.6 73	85 -1.0 68	96 64 71	96 21.7 72	98 70 53	80 -12 24	89 -19 25	110 0.9 60	93 8.9 59	92 -4.3 53	94 0.5 29	100 31.8 56	104 0 58	95 9 54	103 0.95 38	100 0.07 41	89 -0.96 38
BUF 210126 93049724	1	BG 120067 BEI 110023			81 73	120 72	91 67	96 71	98 42	104 60	112 71	110 46	105 57	105 45	107 32 66	81 3.01 76	91 -0.4 69	104 28 71	120 25.8 72	91 0.9 67	109 95 70	113 36.6 68	116 141 48	80 -12 19	103 -42 42	105 0.6 55	112 20.1 53	99 -8.4 43	106 -1.6 24	86 23.6 58	109 4 53	108 20 49	109 1.58 43	84 -2.55 47	91 -0.85 43
BUF 210127 93049732	1	BG 120067 BEI 110012			76 73	118 72	72 67	100 71	93 43	88 60	100 71	106 48	90 58	101 47	106 31 67	72 3.91 76	77 1.5 69	100 21 71	118 24.8 72	72 -4.9 67	93 57 70	111 35.1 68	110 119 50	78 -18 23	101 -38 44	103 0.5 55	106 16.4 54	87 -1.5 44	105 -1.4 26	91 26.3 60	110 5 53	102 15 50	115 2.23 45	80 -3.17 49	97 -0.35 45
BUF 210146 93049617	1	JRB 110033 BEI 100017			95 75	105 74	119 72	136 74	114 47	131 63	127 74	81 55	122 61	93 54	68 -19 71	90 2.00 77	87 0.2 73	68 -26 74	105 17.7 74	119 9.4 72	149 192 73	96 21.8 72	78 -5 56	87 4 36	79 -2 51	118 1.3 62	98 11.3 60	123 -22.1 52	104 -1.3 29	106 35.7 61	88 -12 60	88 3 57	85 -0.82 52	104 0.70 55	98 -0.20 52
ANN 220003 93414530	1	TMB 130363 ANN 180001			113 73	86 68	93 58	100 56	98 45	86 57	81 66	101 34	87 52	90 44	93 14 52	108 0.12 75	117 -3.9 65	99 20 56	86 7.4 68	93 1.7 58	82 29 61	91 17.1 69	102 87 48	112 64 17	104 -43 18	94 0.0 54	95 9.8 53	109 -14.1 49	95 0.3 28	97 30.2 59	98 -4 52	96 11 48	77 -1.60 42	107 1.10 46	102 0.11 42
ANN 220014 93409399	5	TMB 170391 ANN 150057			91 73	100 71	96 63	128 71	91 47	96 60	103 70	104 40	96 56	91 40	76 -8 48	91 1.94 76	80 1.0 70	77 -12 71	100 14.7 71	96 2.4 63	110 98 68	97 22.3 72	105 97 50	88 8 25	98 -33 27	108 0.8 53	89 6.5 53	101 -9.7 52	88 1.5 31	97 30.1 58	112 7 53	99 12 50	94 0.10 38	98 -0.31 41	90 -0.88 38
ANN 220028 93619062	1	TMB 170391 ANN 170022			95 71	98 70	87 61	104 71	94 44	86 59	88 69	98 40	86 55	96 44	91 12 64	99 1.12 73	85 0.4 69	94 14 71	98 13.9 70	87 -0.1 61	90 49 67	100 25.0 72	97 67 51	104 45 23	91 -21 25	109 0.8 57	89 6.0 56	96 -7.0 50	96 0.2 28	99 31.2 55	108 3 55	99 13 52	106 1.29 42	96 -0.55 46	88 -1.03 42
ANN 220031 94395159	4	TMB 180331 ANN 190063			97 70	107 71	102 61	118 69	115 41	121 58	115 69	90 40	115 54	93 44	81 -2 65	96 1.41 74	116 -3.8 66	84 -1 69	107 18.6 71	102 4.4 61	119 119 67	103 27.4 71	95 60 51	81 -11 24	90 -20 26	85 -0.5 56	83 2.8 55	115 -17.4 48	113 -2.9 24	102 33.0 52	111 5 54	110 22 51	101 0.76 42	80 -3.04 45	88 -1.04 42
ANN 220041 94395217	3	TMB 170391 ANN 180034			96 71	101 70	80 62	121 71	91 45	90 59	96 69	103 40	91 55	88 46	82 -1 65	97 1.24 74	85 0.4 68	83 -3 71	101 15.6 70	80 -2.6 62	92 54 68	100 25.1 70	104 96 53	114 68 25	106 -46 26	105 0.6 59	89 6.5 58	100 -9.0 51	88 1.5 28	101 32.4 55	107 3 57	98 12 53	112 1.85 44	93 -1.09 48	99 -0.14 44
ANN 220055 94395332	1	TMB 180331 ANN 200013			96 70	104 70	95 61	129 69	95 42	105 58	111 68	89 40	101 54	85 45	73 -12 63	94 1.58 74	112 -3.2 66	76 -14 69	104 17.0 70	95 2.1 61	115 109 67	99 24.3 70	93 52 51	89 10 25	92 -23 27	78 -0.9 56	79 0.4 55	96 -7.0 49	96 0.1 25	103 33.6 52	95 -7 54	97 11 52	98 0.50 43	77 -3.64 47	95 -0.51 44
ANN 220057 94395340	3	TMB 170391 ANN 140014			111 71	95 71	98 64	125 71	91 43	101 59	103 70	100 38	100 55	96 38	77 -7 63	109 -0.01 74	100 -1.6 68	80 -8 71	95 12.1 71	98 3.0 64	105 85 69	90 16.4 70	99 75 48	67 -44 23	89 -19 25	108 0.7 53	78 -0.3 53	101 -9.6 48	88 1.5 26	95 28.9 55	115 8 52	101 14 49	101 0.74 37	98 -0.23 40	94 -0.60 37
ANN 220061 94400876	1	TMB 170391 ANN 170044			119 71	95 70	91 63	108 72	98 43	101 59	97 69	99 38	99 55	94 38	87 7 64	117 -0.84 74	110 -2.9 68	90 8 72	95 12.2 70	91 1.1 63	93 55 68	95 20.2 70	99 76 48	84 -3 23	92 -24 25	110 0.9 52	85 3.8 51	98 -7.9 49	98 -0.2 26	104 34.1 55	114 8 51	103 16 49	105 1.17 37	99 -0.11 40	90 -0.90 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 Thickn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
ANN 220065 94400892	1	TMB 180331 ANN 140001			93 71	117 71	86 63	110 70	98 40	108 59	115 69	97 40	106 55	96 40	89 9	91 1.89	116 -3.7	89 6	117 23.8	86 -0.7	110 97	108 32.5	100 79	91 13	98 -33	79 -0.8	77 -0.8	104 -11.4	97 -0.1	98 30.9	111 6	110 23	99 0.54	82 -2.82	94 -0.56
ANN 220066 94395373	1	JCV 160071 BEI 110012			88 73	112 73	90 66	91 72	124 45	110 61	101 72	100 52	108 59	100 54	110 38	91 1.90	92 -0.5	109 36	112 21.5	90 0.5	98 68	115 38.3	94 56	127 102	87 -14	127 1.8	99 12.1	114 -17.2	124 -4.9	106 35.6	107 2	95 9	109 1.63	84 -2.40	95 -0.48
ANN 220082 94400629	4	TMB 170391 ANN 180060			102 73	104 71	91 64	122 71	86 46	100 60	108 70	102 40	100 56	93 42	83 1	102 0.77	92 -0.5	82 -4	104 17.3	91 0.9	106 89	103 27.3	103 89	96 25	99 -35	101 0.4	86 4.6	90 -3.5	85 2.0	104 34.0	106 1	98 12	109 1.60	94 -0.95	98 -0.18
ANN 220095 94882156	2	TMB 170391 ANN 190016			116 70	102 68	84 63	114 71	95 42	102 58	103 68	102 39	102 54	102 39	86 5	115 -0.54	105 -2.3	87 2	102 15.8	84 -1.3	94 59	99 23.7	103 91	83 -5	96 -31	110 0.9	90 6.6	94 -5.6	96 0.2	104 34.2	116 10	106 19	110 1.66	101 0.21	91 -0.78
ANN 220096 94882164	1	TMB 180331 ANN 190043			102 70	104 69	85 60	118 69	105 40	106 57	104 67	93 40	103 54	89 44	84 1	102 0.77	126 -5.0	85 -1	104 17.3	85 -0.8	100 73	100 24.9	96 63	109 57	97 -31	79 -0.9	81 1.2	109 -14.1	103 -1.1	101 32.4	99 -4	102 15	105 1.14	74 -3.99	95 -0.44
BUF 220126 94672458	1	JCV 160071 BEI 120030			107 75	105 71	109 66	97 71	105 44	115 60	111 71	108 52	114 58	107 54	102 27	107 0.20	104 -2.1	101 24	105 17.8	109 6.6	112 103	108 31.8	105 97	99 34	94 -27	106 0.7	108 17.7	100 -9.1	108 -2.0	102 33.3	112 6	105 18	105 1.19	88 -1.83	97 -0.27
ANN 230004 95027645	1	TMB 180331 ANN 180001			96 72	102 69	91 62	112 54	117 42	107 57	99 66	97 42	105 54	91 46	86 4	94 1.61	115 -3.5	88 4	102 15.9	91 0.8	100 74	99 23.8	99 77	95 25	93 -25	63 -1.7	76 -1.4	123 -22.1	109 -2.2	103 33.6	106 2	104 18	94 0.05	80 -3.11	85 -1.33
ANN 230007 95027611	1	BUF 160168 ANN 190019			99 70	106 70	82 61	99 69	77 43	83 58	96 68	107 42	86 55	113 42	100 23	104 0.56	89 -0.1	101 23	106 18.4	82 -1.7	90 50	109 33.2	105 98	108 56	102 -40	90 -0.3	100 12.9	77 3.8	89 1.5	93 27.4	125 17	117 29	116 2.32	99 -0.11	105 0.41
ANN 230011 95030946	1	TMB 180331 ANN 140034			99 71	98 70	98 63	107 70	105 42	100 59	97 69	94 40	98 55	86 42	88 7	97 1.29	119 -4.1	91 9	98 13.9	98 3.1	101 77	99 24.2	97 69	121 87	95 -29	85 -0.5	92 8.1	109 -14.2	104 -1.3	98 30.9	106 1	104 17	89 -0.44	80 -3.09	87 -1.18
ANN 230014 95030920	1	BUF 160168 ANN 180051			109 70	102 69	88 60	113 69	70 43	88 58	102 67	103 42	89 55	105 44	85 3	109 0.00	99 -1.4	87 3	102 16.0	88 -0.1	98 69	102 26.7	102 88	96 26	99 -35	78 -0.9	102 13.8	75 5.3	81 2.8	90 25.7	112 7	106 19	117 2.40	92 -1.28	109 0.72
ANN 230024 95903639	3	TMB 180331 ANN 200020			97 71	103 68	89 51	124 52	113 42	110 54	105 63	90 39	106 51	89 44	79 -5	97 1.29	119 -4.2	80 -7	103 16.8	89 0.2	105 85	100 24.7	93 52	96 27	92 -23	77 -0.9	78 -0.5	112 -15.7	113 -2.9	101 32.6	99 -4	102 16	108 1.44	76 -3.71	95 -0.46
ANN 230026 95903654	1	BUF 160168 ANN 180066			88 70	112 68	106 52	84 52	87 43	96 54	107 63	109 42	98 52	116 42	114 42	95 1.51	90 -0.2	118 48	112 21.5	106 5.5	106 89	115 38.7	107 107	120 85	104 -43	90 -0.2	103 14.6	87 -1.9	98 -0.2	87 23.9	132 22	125 35	119 2.57	98 -0.28	104 0.31

Breeding Values and Accuracies: Cows & Heifers

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass		
ID	Inbreeding	Genomic	Index	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
Animal no	%	Parentage	EBV Acc																															
ANN 230034	1	BUF 160168		124	89	94	99	84	87	88	99	88	103	96	126	111	100	89	94	85	96	97	110	95	89	98	84	95	90	118	108	110	97	101
95903720		ANN 170032		70	69	54	52	43	55	64	42	52	42	18	-1.70	-3.1	22	9.0	1.9	36	21.4	66	60	-28	-0.3	11.6	-0.1	0.4	25.8	11	20	1.67	-0.46	0.04
														43	74	61	52	69	54	58	70	49	31	34	55	54	48	26	56	53	49	40	44	40
ANN 230035	1	JCV 190025		108	96	99	109	92	96	98	89	93	91	88	108	99	89	96	99	100	93	92	88	98	103	102	77	106	102	104	96	87	90	93
95903738		BEI 120030		72	71	53	48	39	55	65	47	53	46	8	0.19	-1.5	6	12.6	3.3	74	18.7	51	6	-33	0.5	14.0	4.1	-1.6	32.9	0	10	-0.61	-1.58	-0.61
														48	76	60	48	71	53	57	69	50	24	41	57	53	46	22	50	55	51	43	48	44
ANN 230039	1	BUF 160168		101	100	93	100	74	82	95	101	83	101	95	101	101	99	100	93	95	103	100	111	99	85	100	73	86	93	111	105	115	91	109
95907812		ANN 200057		70	68	51	51	43	54	63	42	52	44	16	0.92	-1.7	20	15.0	1.5	60	27.2	79	62	-35	-0.5	12.6	6.3	1.9	27.3	6	18	2.15	-1.33	0.66
														49	74	60	51	68	51	57	70	48	32	34	53	52	49	26	54	51	48	42	46	42
ANN 230047	1	TMB 180331		83	115	110	92	112	115	115	105	113	104	105	68	96	106	115	110	118	111	110	105	102	88	96	115	110	98	123	122	101	83	92
95907838		ANN 160007		70	70	57	55	39	55	66	40	52	42	30	4.35	-1.1	31	22.8	6.7	116	34.5	117	48	-39	-0.3	10.3	-17.8	-2.3	30.3	15	33	0.80	-2.70	-0.75
														50	74	61	55	70	57	61	71	51	25	28	56	55	40	25	53	54	52	40	43	41
ANN 230054	1	TMB 180331		97	111	99	100	112	116	113	96	112	97	97	93	112	98	111	99	111	106	102	97	96	88	95	120	107	96	117	116	97	80	88
96163902		ANN 160037		72	70	56	54	42	56	66	40	53	42	20	1.72	-3.2	19	21.0	3.5	100	30.4	87	30	-30	-0.3	10.0	-20.4	-1.8	29.7	11	27	0.42	-3.10	-1.04
														49	75	62	54	70	56	60	70	51	25	28	56	55	48	25	53	55	52	41	43	41
ANN 230058	4	TMB 180331		102	105	91	126	113	116	111	90	111	96	78	100	116	79	105	91	109	95	93	64	82	81	74	112	113	99	108	108	104	82	89
96163936		ANN 170038		69	70	56	54	37	55	65	39	52	42	-6	1.01	-3.7	-8	17.5	1.0	96	20.9	52	-52	-7	-0.7	-2.7	-15.8	-2.9	31.1	3	21	1.07	-2.73	-1.00
														48	73	60	54	70	56	60	70	51	24	25	56	55	38	22	52	54	51	40	43	40
ANN 230068	1	BUF 160168		106	104	100	93	74	90	103	107	92	112	103	106	105	106	104	100	101	108	105	101	101	88	100	72	89	90	127	119	116	99	105
96164009		ANN 180021		70	69	53	52	43	55	64	42	52	42	27	0.32	-2.3	31	17.1	3.7	75	32.1	100	38	-38	-0.4	12.5	6.7	1.3	25.6	18	30	2.27	-0.10	0.40
														43	74	61	52	69	53	58	70	47	31	34	53	52	49	26	55	51	48	40	43	40
ANN 230078	1	TMB 180331		97	103	118	103	112	117	111	103	115	104	93	94	101	94	103	118	122	103	106	122	102	77	86	117	107	98	121	122	103	83	95
96243886		ANN 120013		71	71	58	55	42	57	67	40	54	42	14	1.62	-1.7	14	16.4	9.2	125	27.5	103	89	-39	-0.9	4.7	-19.0	-1.9	30.7	13	33	0.94	-2.70	-0.47
														42	74	63	55	71	58	61	72	51	23	26	58	56	48	23	54	55	52	40	43	40
ANN 240001	1	SYF 200107		117	102	103	130	108	126	120	76	117	87	75	112	111	75	102	103	121	95	78	98	85	108	110	111	101	111	79	80	93	97	95
96883160		BUF 210146		67	69	47	46	33	51	62	38	48	46	-10	-0.23	-3.0	-15	15.9	4.6	125	20.4	-3	30	-12	0.8	18.7	-15.1	-0.7	38.3	-19	-4	0.02	-0.35	-0.45
														45	73	54	46	69	47	54	69	47	20	26	53	52	33	19	46	51	47	45	48	45
ANN 240005	3	SYF 200107		114	101	91	124	93	107	110	83	101	85	80	109	111	81	101	91	104	98	87	105	95	92	103	90	96	105	81	83	105	89	103
96883194		ANN 210013		65	67	44	45	33	50	60	30	46	43	-4	0.03	-3.0	-6	15.4	0.9	83	23.5	29	49	-28	-0.1	14.6	-3.2	0.1	34.9	-19	-1	1.17	-1.68	0.16
														36	71	52	45	67	44	52	69	45	16	12	51	50	33	20	46	49	46	41	45	41
ANN 240007	1	TMB 180331		101	104	93	108	107	107	105	96	105	92	89	98	117	90	104	93	104	100	99	102	93	73	80	113	103	100	108	106	94	81	88
96884580		ANN 180001		69	68	55	54	39	54	64	40	51	44	8	1.16	-3.8	8	17.2	1.7	82	24.8	75	41	-26	-1.2	1.1	-16.5	-1.2	31.9	4	19	0.07	-2.95	-1.09
														50	73	60	54	68	55	59	70	51	25	28	56	55	40	25	53	54	52	42	45	42
ANN 240015	27	TMB 170391		106	109	90	106	89	103	110	108	104	102	92	108	97	93	109	90	104	106	107	94	100	115	86	98	86	101	119	107	116	102	90
96883269		ANN 210051		68	69	54	57	42	55	65	38	52	41	13	0.19	-1.2	12	20.0	0.7	83	30.2	105	20	-37	1.2	4.4	-7.8	2.0	32.4	12	20	2.27	0.30	-0.91
														52	72	60	57	69	54	60	70	49	24	26	53	53	46	27	52	52	50	39	43	40

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
ANN 240016 96883277	1	BUF 160168 ANN 200013		92 67	112 69	94 52	95 52	73 41	88 54	106 63	103 42	90 52	107 45	100 24	93 1.71	96 -1.1	104 28	112 21.1	94 2.0	104 82	109 33.4	103 90	90 12	99 -35	85 -0.5	102 14.1	76 4.4	84 2.4	90 25.6	115 9	110 22	117 2.39	92 -1.18	109 0.71
ANN 240022 96883301	1	BUF 160168 BEI 110027		88 71	105 72	104 57	96 53	90 43	94 57	101 67	109 46	96 55	114 46	98 21	92 1.79	86 0.3	102 25	105 17.8	104 5.1	107 91	107 31.7	108 111	91 13	108 -49	89 -0.3	106 16.6	93 -4.9	99 -0.3	87 23.7	128 19	118 29	111 1.74	104 0.64	111 0.88
ANN 240031 97142970	3	TMB 180331 ANN 210034		98 66	106 68	88 50	116 52	106 39	106 53	106 62	90 39	102 50	90 44	83 1	94 1.61	109 -2.8	85 0	106 18.0	88 -0.1	103 81	102 27.0	93 51	91 15	90 -20	77 -1.0	78 -0.1	108 -13.5	107 -1.8	98 30.8	97 -5	102 15	108 1.52	76 -3.69	95 -0.44
ANN 240038 97548374	3	SYF 200107 ANN 210039		116 65	95 67	86 44	133 45	90 33	101 50	103 60	83 31	96 46	82 43	72 -14	113 -0.37	105 -2.2	73 -18	95 12.3	86 -0.6	98 69	93 19.2	86 28	91 14	91 -22	98 0.2	102 13.7	94 -5.6	87 1.8	107 36.0	81 -18	77 -7	102 0.85	92 -1.16	95 -0.50
ANN 240048 97548424	3	SYF 200107 ANN 210069		116 66	96 67	89 46	120 46	94 32	101 50	101 60	84 31	96 46	85 43	82 -1	113 -0.37	107 -2.6	83 -2	96 12.7	89 0.5	95 62	94 19.7	88 32	109 57	94 -26	102 0.5	103 14.8	95 -6.2	92 0.9	107 35.8	89 -12	83 -1	99 0.57	94 -0.90	92 -0.76
ANN 240051 97548457	1	JRB 170159 ANN 210058		119 66	97 68	98 48	127 47	96 35	111 51	110 61	94 34	108 48	93 34	79 -5	116 -0.65	108 -2.7	78 -10	97 13.3	98 3.0	108 93	94 19.7	96 65	88 6	92 -23	110 0.9	98 11.6	105 -11.7	90 1.2	105 34.9	105 1	95 9	97 0.42	103 0.58	100 -0.02
ANN 240052 97548465	1	JRB 170159 ANN 210074		84 66	112 67	106 45	104 46	96 35	106 50	113 60	96 34	103 47	97 34	94 15	85 2.58	86 0.3	94 13	112 21.3	106 5.6	120 123	109 33.2	96 64	106 50	91 -23	107 0.7	97 10.8	102 -10.2	93 0.7	102 33.2	110 5	103 16	106 1.28	102 0.41	99 -0.13
ANN 240062 97863856		JRB 170159 BUF 210127		82 67	109 70	98 47	109 47	103 34	102 52	106 62	96 37	100 49	95 36	94 15	82 2.90	84 0.6	90 7	109 19.6	98 3.1	113 104	106 30.1	99 77	94 20	95 -28	108 0.7	107 16.8	103 -10.8	101 -0.7	103 33.9	105 1	98 12	107 1.36	93 -1.10	103 0.17
ANN 240063 97863864	1	JRB 170159 ANN 220014		100 66	103 67	106 46	120 47	101 35	113 51	114 60	97 34	110 48	94 34	83 1	98 1.17	96 -1.1	83 -3	103 16.7	106 5.6	120 121	101 25.7	99 76	102 40	95 -29	110 0.9	101 13.3	109 -14.0	93 0.8	107 35.8	109 4	101 14	99 0.62	102 0.31	100 -0.08
ANN 240066 97863773	1	TMB 180331 ANN 160007		83 70	108 70	109 57	97 55	113 39	109 55	107 66	102 40	107 52	102 42	99 23	78 3.32	97 -1.2	101 23	108 19.3	109 6.4	115 108	105 29.1	107 105	81 -10	97 -31	88 -0.4	93 8.4	116 -18.2	110 -2.3	98 30.7	119 12	117 29	99 0.61	83 -2.69	92 -0.76
ANN 240070 97863807		TMB 180331 BEI 120021		107 71	105 72	99 58	122 55	114 41	123 57	117 67	89 44	117 54	97 46	79 -5	103 0.70	106 -2.3	82 -5	105 17.9	99 3.5	116 113	99 24.3	94 58	73 -30	94 -27	99 0.3	90 7.1	112 -16.2	111 -2.6	104 34.5	110 5	105 18	92 -0.15	93 -1.07	93 -0.66
ANN 240074 97860969	4	TMB 180331 ANN 180067		104 69	106 70	90 55	105 54	118 39	115 55	106 65	97 40	111 52	92 42	92 13	101 0.92	116 -3.8	94 13	106 18.4	90 0.8	101 76	108 31.7	100 79	138 128	99 -36	88 -0.4	91 7.3	120 -20.5	115 -3.1	101 32.7	110 5	112 24	99 0.55	82 -2.77	88 -1.11

Breeding Values and Accuracies: Cows & Heifers

Value <80 Value >120

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Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass		
ID Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thickn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
ANN 240077 98071731	1	JRB 170159 ANN 210054		110 65	96 68	104 46	110 47	95 34	103 51	103 61	92 34	100 48	93 34	89 8	109 0.04	103 -1.9	89 6	96 13.0	104 4.9	107 89	97 22.2	94 57	91 14	90 -20	110 0.9	95 9.9	100 -9.3	91 1.0	106 35.3	105 1	97 11	100 0.71	102 0.34	101 0.03
ANN 240140 6020762735		SYF 200107		125 42	76 44	91 30	134 28	80 21			56 24		62 38	67 -20	123 -1.41	106 -2.4	71 -20	76 2.0	91 1.0	83 31	74 1.6	66 -51	94 22	74 7	102 0.4	97 11.1	87 -1.5	94 0.5	78 18.6	79 -20	66 -17	78 -1.52	86 -2.19	107 0.51
ANN 250003 98636392	2	SYF 200107 ANN 220031		118 64	108 67	92 43	112 44	107 30	121 49	116 59	82 32	114 46	90 44	86 5	115 -0.61	127 -5.2	88 4	108 19.3	92 1.3	108 93	102 26.4	89 36	90 12	91 -22	92 -0.1	104 15.3	105 -12.0	105 -1.5	106 35.6	93 -9	94 9	104 1.08	86 -2.23	91 -0.85
ANN 250006 98636400		ANN 220065		110 56	91 57	93 33	119 35	107 21	101 40	94 50	77 20	95 36	77 20	85 3	106 0.31	106 -2.4	84 -2	91 9.9	93 1.7	94 58	88 14.2	82 11	94 22	80 -3	85 -0.5	77 -0.7	111 -15.5	117 -3.6	80 19.9	96 -7	89 4	80 -1.35	84 -2.45	97 -0.30
ANN 250007 98636418	3	SYF 200107 ANN 210079		112 66	108 67	98 45	94 45	103 32	113 50	110 60	96 32	110 46	98 43	105 30	111 -0.18	111 -3.1	105 29	108 19.3	98 3.1	103 81	106 30.0	100 80	108 55	101 -39	107 0.7	115 21.6	104 -11.2	99 -0.5	104 34.2	103 -1	100 13	108 1.48	96 -0.65	94 -0.59
ANN 250009 98636434	1	JRB 170159 BEI 100017		119 70	85 71	122 55	137 49	106 36	120 54	111 65	82 42	112 52	86 39	67 -21	115 -0.62	104 -2.1	65 -29	85 6.9	122 10.4	131 148	86 12.2	83 16	97 29	86 -14	124 1.6	99 12.0	115 -17.6	97 0.0	105 35.0	92 -9	88 3	79 -1.38	101 0.23	99 -0.15
ANN 250012 98636459		ANN 220057		109 56	92 57	96 33	111 36	102 22	98 40	93 50			83 20	88 7	108 0.11	100 -1.6	88 5	92 10.8	96 2.5	95 61	87 13.6	85 23	79 -16	77 1	100 0.3	81 1.5	107 -13.1	112 -2.7	79 18.9	102 -1	91 6	86 -0.72	92 -1.18	97 -0.29
ANN 250014 98636467	1	JRB 170159 ANN 200057		110 66	96 68	102 48	115 47	97 35	104 51	103 61	89 34	100 48	87 34	85 3	107 0.27	105 -2.2	85 0	96 12.6	102 4.4	107 89	96 21.3	92 47	107 54	92 -24	101 0.4	100 12.7	100 -9.2	95 0.4	105 34.6	95 -7	93 7	99 0.59	95 -0.79	108 0.66
ANN 250017 98636475	1	JRB 170159 ANN 190057		100 68	103 68	105 49	110 48	103 35	109 52	108 62	96 35	106 49	97 32	88 7	100 1.01	94 -0.7	89 5	103 16.3	105 5.1	114 106	102 26.6	99 74	105 49	94 -27	104 0.6	105 16.0	102 -10.4	104 -1.2	101 32.5	108 4	104 17	98 0.50	102 0.36	103 0.16
ANN 250021 98636483	28	TMB 170391 ANN 220082		99 68	109 68	85 53	118 57	84 42	98 55	109 64	106 39	99 52	96 42	85 3	99 1.05	91 -0.4	85 -1	109 19.7	85 -1.0	104 83	105 29.4	105 97	91 14	99 -35	111 0.9	85 3.6	94 -5.8	81 2.8	101 32.6	111 6	100 13	115 2.15	98 -0.21	93 -0.68
ANN 250025 98672827	1	TMB 180331 ANN 170021		93 69	105 70	90 56	121 54	102 39	103 55	105 65	98 42	101 52	94 44	83 0	91 1.93	111 -3.0	83 -3	105 17.5	90 0.6	105 86	98 23.1	99 74	82 -8	88 -16	74 -1.1	86 4.2	108 -13.8	104 -1.2	92 26.9	101 -2	100 14	93 -0.01	80 -3.05	87 -1.14
ANN 250035 99267155		ANN 220095		118 56	89 57	90 33	113 36	104 22	98 40	89 50	82 20	93 36	84 20	88 7	118 -0.91	104 -2.1	87 3	89 9.2	90 0.5	87 42	87 13.3	86 25	88 7	80 -4	100 0.3	85 4.0	105 -11.8	116 -3.4	81 20.5	101 -2	91 6	88 -0.50	94 -0.95	96 -0.39

Breeding Values and Accuracies: Cows & Heifers

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Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass		
ID	Inbreeding	Genomic	Index	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
Animal no	%	Parentage	EBV Acc																															
ANN 250038 99267189		BEI 110027		98 62	96 63	101 43	101 39	112 27	100 46	92 56	87 27	96 42	90 24	97 19	100 0.95	93 -0.6	97 18	96 12.6	101 4.0	98 69	94 19.5	92 39	91 15	93 -24	95 0.1	95 10.0	111 -15.2	125 -5.1	75 16.7	108 3	100 14	81 -1.24	97 -0.36	107 0.55
ANN 250043 99269128	1	JRB 170159 ANN 210051		113 66	103 68	110 47	107 47	100 34	117 51	115 61	97 34	113 48	99 34	91 11	112 -0.26	105 -2.2	91 8	103 16.7	110 6.8	118 116	102 26.8	99 74	98 30	94 -27	111 0.9	99 12.3	107 -13.2	96 0.2	102 33.2	112 7	106 19	107 1.38	103 0.50	101 0.03
ANN 250046 99269136	13	JRB 170159 BUF 210146		97 67	105 70	119 49	125 48	110 35	127 52	124 63	85 40	120 50	96 38	79 -4	93 1.72	95 -0.9	78 -10	105 17.7	119 9.6	139 167	101 25.5	86 25	95 25	85 -12	116 1.2	105 15.7	119 -20.1	101 -0.7	107 36.0	98 -5	96 10	95 0.21	105 0.82	104 0.27
ANN 250048 99269169	1	JRB 170159 ANN 210068		102 66	100 68	107 48	110 47	101 34	108 51	107 61	94 34	105 48	98 36	89 8	102 0.81	96 -1.0	88 5	100 15.2	107 5.8	113 106	99 24.4	95 60	92 17	89 -19	110 0.9	96 10.3	112 -16.1	93 0.6	102 33.2	107 2	100 13	103 0.98	104 0.68	102 0.15
ANN 250049 99482002	1	JRB 170159 ANN 210057		100 66	105 68	103 47	111 47	98 35	109 51	111 61	98 36	106 48	99 36	89 9	98 1.16	97 -1.2	88 5	105 17.9	103 4.5	115 109	103 27.5	100 79	95 24	94 -27	105 0.6	106 16.4	109 -14.4	91 1.0	101 32.6	108 4	102 15	104 1.11	104 0.62	103 0.23
ANN 250052 99482093		ANN 220061		114 56	92 57	93 33	106 36	105 23	98 40	91 50			83 20	92 13	114 -0.44	105 -2.3	93 12	92 10.7	93 1.4	90 48	89 15.3	86 25	87 3	79 -2	101 0.4	85 3.7	105 -12.2	117 -3.6	81 20.5	103 -1	93 8	89 -0.45	93 -1.12	96 -0.43
ANN 250055 99482101	1	TMB 180331 ANN 210069		107 68	97 69	89 53	127 53	102 38	104 54	102 64	92 40	101 51	88 44	76 -9	102 0.78	106 -2.4	78 -11	97 13.3	89 0.3	100 72	95 20.6	94 56	97 29	91 -22	87 -0.4	76 -1.7	112 -15.7	99 -0.4	96 29.4	105 1	99 13	100 0.64	82 -2.75	86 -1.23
ANN 250056 99482127	1	TMB 180331 ANN 160007		90 70	107 70	107 57	96 55	111 39	110 55	107 66	103 40	109 52	102 42	101 24	86 2.41	104 -2.1	102 25	107 18.6	107 6.0	112 101	105 29.0	108 111	101 39	100 -37	88 -0.3	94 9.4	116 -18.3	110 -2.3	94 28.1	120 13	119 31	99 0.61	83 -2.69	92 -0.76
ANN 250057 99482135	1	JRB 170159 ANN 210064		124 66	89 68	104 47	126 47	106 34	114 51	105 61	91 34	110 48	90 36	78 -6	122 -1.31	110 -2.9	78 -10	89 9.2	104 5.0	106 88	92 17.7	93 54	97 30	91 -21	111 0.9	95 9.5	115 -17.5	98 -0.3	105 34.7	108 3	98 12	100 0.71	101 0.15	98 -0.23
ANN 250059 99482150	4	TMB 180331 ANN 180067		112 69	104 70	88 55	108 54	116 39	114 55	105 65	94 40	111 52	93 42	89 9	108 0.13	120 -4.3	91 9	104 17.1	88 -0.1	98 68	102 26.7	97 69	98 31	92 -24	87 -0.4	88 5.5	120 -20.4	114 -3.1	97 30.2	107 3	108 21	99 0.60	82 -2.77	88 -1.11
ANN 250060 99482176	4	TMB 180331 ANN 190008		93 69	112 70	97 56	109 54	109 39	114 55	114 65	97 40	111 52	101 42	88 7	88 2.22	102 -1.9	90 7	112 21.1	97 2.9	115 109	105 29.6	100 78	88 6	94 -26	81 -0.7	79 0.4	106 -12.6	112 -2.7	99 31.1	116 9	115 27	105 1.20	83 -2.60	92 -0.76
ANN 250062 99482168	4	TMB 180331 ANN 190016		96 69	111 60	89 53	122 54	111 39	116 51	115 59	92 40	112 49	97 42	82 0	92 1.78	107 -2.5	82 -4	111 20.6	89 0.4	112 102	105 29.5	96 64	94 22	92 -24	83 -0.6	83 2.4	110 -14.9	114 -3.0	96 29.6	110 5	109 22	102 0.91	83 -2.60	89 -1.01

Breeding Values and Accuracies: Cows & Heifers

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Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass		
ID Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
ANN 250066 99752909	3	TMB 180331 ANN 210082		114 67	102 69	85 52	130 53	105 38	114 53	110 64	93 40	110 50	91 44	74 -12 49	111 -0.15 72	116 -3.7 58	75 -15 53	102 16.1 69	85 -1.0 52	103 81 58	98 23.3 58	95 60 51	85 1 24	89 -18 27	89 -0.3 56	81 1.3 55	111 -15.3 42	104 -1.2 24	98 30.4 49	103 0 54	101 15 51	104 1.06 42	84 -2.51 45	85 -1.30 42
ANN 250068 99752925	1	TMB 180331 ANN 160037		84 69	112 70	105 56	104 54	105 39	110 55	113 65	94 40	106 52	94 42	93 14 49	74 3.67 73	95 -0.9 60	94 13 54	112 21.2 70	105 5.3 56	119 120 60	108 32.1 58	100 80 51	95 23 25	94 -27 28	88 -0.4 56	94 9.0 55	113 -16.3 40	105 -1.4 25	91 26.7 52	115 9 55	112 25 52	95 0.18 41	80 -3.09 43	88 -1.06 41
ANN 250074 99752974	1	JRB 170159 ANN 220096		108 65	103 67	102 45	116 46	106 33	116 50	113 60	90 34	111 47	91 36	85 3 43	105 0.51 71	116 -3.7 53	85 0 46	103 16.7 67	102 4.2 45	114 107 53	101 25.8 56	93 54 40	108 55 23	93 -25 27	96 0.1 45	95 9.9 44	113 -16.5 32	100 -0.6 20	104 34.5 46	101 -2 43	100 14 41	103 1.00 34	90 -1.52 37	102 0.13 34
ANN 250075 99842700		ANN 120022		97 59	91 35	113 41	98 39	99 23	92 35	90 40	84 20	88 32	91 14	99 22 21	97 1.29 64	98 -1.3 48	100 22 39	91 9.9 35	113 7.7 41	102 79 38	89 14.9 33	89 38 27	98 30 10	84 -11 11	96 0.1 33	85 4.0 31	98 -7.9 20	116 -3.3 13	73 15.8 36	107 2 31	97 11 27	82 -1.08 13	92 -1.27 14	105 0.35 13
ANN 260002 6020233364	1	SYF 200107 BEI 120030		122 69	97 60	112 52	120 47	90 34	115 50	115 58	90 38	110 48	91 46	86 5 47	120 -1.10 74	109 -2.8 57	83 -3 47	97 13.4 60	112 7.4 52	119 118 53	94 19.4 56	94 58 48	94 21 23	101 -38 25	99 0.3 56	113 20.8 54	85 -0.6 34	95 0.4 22	103 33.9 47	97 -6 53	91 6 48	90 -0.32 44	90 -1.52 48	91 -0.82 44
ANN 260003 6020233372	1	TMB 180331 ANN 180001		89 69	104 58	98 55	111 54	106 38	103 51	104 59	95 40	100 49	91 44	86 5 50	85 2.54 73	106 -2.4 60	88 4 54	104 17.2 58	98 3.0 55	109 95 56	101 26.0 56	97 69 51	99 33 25	92 -24 28	73 -1.2 56	79 0.3 55	114 -16.8 40	104 -1.2 25	95 28.8 50	106 2 54	103 17 52	93 0.00 42	81 -2.95 45	88 -1.09 42
ANN 260010 6020490014	1	JRB 170159 ANN 230034		125 66	91 57	106 42	105 40	96 33	105 46	100 53	93 36	102 44	99 34	91 12 37	124 -1.51 72	113 -3.3 51	93 11 40	91 10.1 57	106 5.5 42	101 75 46	96 21.1 56	94 55 40	108 56 25	92 -23 29	101 0.4 46	104 15.1 44	101 -9.6 34	96 0.2 20	99 31.5 44	110 5 43	103 16 40	107 1.34 33	101 0.24 36	105 0.38 34
ANN 260011 6020490022	1	TMB 180331 ANN 170021		82 69	109 60	93 55	121 54	101 38	102 51	108 60	97 42	101 49	95 44	82 -1 50	77 3.33 73	101 -1.7 60	83 -4 54	109 19.6 60	93 1.5 55	113 104 56	103 27.3 58	98 72 53	82 -7 25	87 -16 28	74 -1.1 59	85 4.0 57	109 -14.1 39	104 -1.2 25	89 25.4 50	100 -3 57	99 13 53	94 0.07 42	80 -3.06 45	87 -1.13 42
ANN 260014 6020490048	4	TMB 180331 ANN 190057		100 68	105 60	90 53	123 54	108 39	111 51	110 59	96 40	108 49	95 42	80 -4 49	95 1.46 73	100 -1.6 59	81 -6 54	105 17.7 60	90 0.6 53	107 91 56	103 27.5 58	99 74 52	98 32 25	93 -25 26	82 -0.7 57	84 3.2 55	109 -14.3 42	112 -2.7 24	93 27.6 50	107 3 55	107 20 52	100 0.66 40	83 -2.66 43	89 -1.02 41
ANN 260016 6020490063	1	TMB 180331 BUF 130013		79 71	120 61	105 57	100 53	106 39	115 52	120 61	100 44	113 50	109 47	98 21 53	72 3.91 75	82 0.8 61	97 18 53	120 25.5 61	105 5.4 57	125 133 57	113 36.9 58	102 87 53	86 2 25	94 -26 32	96 0.1 59	88 5.7 57	110 -14.8 40	106 -1.6 25	97 29.8 52	114 8 57	115 27 53	121 2.76 45	91 -1.37 49	90 -0.90 45
ANN 260017 6020490071	1	ANN 220091 HJL 110108		95 66	106 53	94 50	103 48	103 34	102 47	103 54	113 36	104 45	111 33	99 22 44	94 1.65 71	99 -1.4 56	96 16 48	106 18.2 53	94 1.8 50	103 80 50	107 31.0 48	115 137 45	108 56 19	113 -58 24	105 0.6 54	99 12.0 52	102 -10.4 35	102 -0.8 21	103 33.6 45	129 20 50	113 25 46	117 2.40 31	110 1.60 35	99 -0.12 31
ANN 260019 6020490097	1	TMB 180331 ANN 200057		97 59	103 59	88 52	125 53	102 39	103 49	105 57	90 40	100 47	86 44	78 -6 50	94 1.63 61	108 -2.7 54	80 -7 53	103 16.6 59	88 0.0 52	104 83 55	99 24.5 58	93 51 50	99 34 25	92 -23 27	79 -0.9 55	79 0.4 54	106 -12.7 42	103 -1.0 24	96 29.7 50	95 -7 53	98 12 51	102 0.88 42	76 -3.81 45	95 -0.51 42

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Breeding values with an accuracy < 5% are not printed

Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass		
ID	Inbreeding	Genomic Parentage	Index EBV Acc	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thickn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
ANN 260020				117	87	92	117	112	102	90	77	96	81	85	113	113	85	87	92	88	85	82	94	78	84	80	113	125	77	94	91	90	81	98
6020490121		ANN 230024		56	34	25	26	21	31	35	20	29	22	3	-0.39	-3.3	0	8.0	1.4	45	11.8	10	21	0	-0.5	1.1	-16.4	-4.9	18.2	-8	6	-0.31	-2.92	-0.21
														22	63	39	26	34	25	28	35	25	12	13	27	27	25	12	26	26	25	21	23	21
ANN 260021		JRB 170159		110	97	109	112	100	110	107	88	105	93	87	108	103	87	97	109	113	96	92	97	94	107	106	97	101	105	103	97	95	98	101
6020490105	1	ANN 230035		66	57	42	38	32	45	53	37	43	36	6	0.10	-2.0	3	13.5	6.4	104	21.8	48	29	-26	0.7	16.3	-7.5	-0.8	35.1	0	11	0.20	-0.32	0.05
														38	72	50	38	57	42	46	56	40	23	31	46	44	33	19	43	44	41	34	37	35
ANN 260022		JRB 170159		121	89	105	106	103	104	96	94	101	93	90	117	117	92	89	105	98	92	96	109	97	103	102	113	96	103	101	97	90	106	106
6020490113	1	ANN 220003		66	57	43	41	34	46	54	34	44	36	9	-0.80	-3.9	10	8.8	5.3	68	18.3	66	58	-31	0.5	14.2	-16.6	0.1	33.7	-3	11	-0.30	1.02	0.42
														40	72	52	41	57	43	47	56	39	21	25	45	44	34	21	46	43	40	34	37	
ANN 260024		ANN 220091		98	102	94	105	106	102	100	106	102	103	92	96	100	93	102	94	100	101	109	90	101	88	85	108	102	104	119	113	106	92	92
6020490147	3	ANN 230004		62	49	42	39	30	42	48	32	40	30	12	1.36	-1.6	12	15.9	2.0	74	26.2	113	12	-39	-0.4	3.9	-13.9	-0.9	34.2	12	25	1.24	-1.25	-0.76
														34	68	49	39	49	42	43	48	41	17	19	48	46	33	19	39	45	41	29	32	29
ANN 260027		JRB 170159		101	103	117	106	107	117	113	90	112	99	89	102	95	92	103	117	123	102	94	100	98	122	112	106	103	108	111	102	90	112	107
6020575236	2	BEI 120021		68	61	53	50	37	51	59	40	49	37	9	0.79	-0.9	10	16.4	8.9	128	26.6	58	36	-33	1.6	20.1	-12.7	-1.2	36.6	6	15	-0.28	1.95	0.52
														50	73	58	50	61	53	55	60	43	29	33	50	48	38	24	50	48	44	35	39	36
ANN 260029				90	99	107	96	105	97	95	86	93	93	101	91	92	102	99	107	104	97	89	99	83	98	88	100	123	75	107	101	89	93	102
6020643588		ANN 210022		55	36	35	37	23	34	39	20	31	15	25	1.88	-0.5	25	14.3	6.0	83	22.1	38	32	-8	0.2	5.7	-9.3	-4.6	17.0	3	14	-0.38	-1.04	0.15
														22	61	44	37	36	35	36	36	28	12	10	33	31	25	13	31	31	28	15	15	15

Selection List on Cow Value

Bulls 2 years and older

ID	Name	Sire ID	Dam ID	Visual Score	Horned / Polled	Myostatin	Calving Ease Value	Calf Growth Value	Milk Value	Maint. Value	Fertility Value	Cow Value	Weaner Calf Value	Growth Value	Prod Value	Carcass Value													
Sorted on ID				% Inbreeding		Q204X nt821 F94L	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc													
				Italics: DNA Test																									
							★★★★★																						
1	JRB 170159	JRB170159	JRB 110033	JRB 120155	7	1.6	0	0	0	108	87	101	90	119	64	115	60	108	50	124	68	118	81	88	56	117	66	95	56
2	TMB 180331	TMB180331	CEF 130548	CEF 080084	7	1.6	0	0	0	86	92	114	94	87	78	131	77	118	60	121	76	118	89	89	69	115	75	93	78
							★★★★★																						
1	ANN 230061	ANN 230061	TMB 180331	ANN 170034	7	4.2	0	0	0	96	70	116	70	89	55	109	54	109	39	116	55	116	65	90	46	111	53	97	42
2	ANN 230071	ANN 230071	TMB 180331	ANN 190006	7	1.4	0	0	0	97	69	109	70	87	55	123	54	105	40	111	55	112	65	91	47	107	53	94	44
3	ANN 230077	ANN 230077	TMB 180331	ANN 190010	7	4.2	0	0	0	93	69	110	69	97	54	102	53	111	39	111	54	109	64	106	46	110	52	107	42
4	ANN 230083	ANN 230083	TMB 180331	ANN 190016	7	4.2	0	0	0	119	69	100	69	87	54	124	54	113	39	117	54	108	64	93	46	113	52	97	42
5	ANN 240061	ANN 240061	JRB 170159	ANN 210082	7	0.8	1	0	0	116	66	96	68	102	48	125	47	101	34	113	51	109	61	90	44	108	50	93	34
6	ANN 240071	ANN 240071	TMB 180331	BEI 120030	6	0.7	0	0	0	94	71	112	72	112	58	114	54	99	41	119	57	125	67	107	50	118	56	104	47
							★★★★★																						
1	ANN 230044	ANN 230044	TMB 180331	ANN 160026	7	1.4	0	0	0	88	70	107	70	92	56	109	54	101	40	100	55	104	65	98	48	99	54	99	42
2	ANN 240002	ANN 240002	SYF 200107	ANN 210068	8	3.0	0	0	0	117	66	96	67	92	46	121	46	100	31	107	50	104	60	81	39	101	48	93	60
3	ANN 240006	ANN 240006	SYF 200107	ANN 210057	7	3.4	0	0	0	119	65	95	67	90	46	130	46	98	32	107	50	104	60	83	40	101	48	90	60
4	ANN 240039	ANN 240039	ANN 220089	ANN 210066	7	26.7	0	0	0	89	62	114	64	93	44	100	46	92	32	100	48	109	58	107	40	101	46	108	28
5	ANN 240050	ANN 240050	JRB 170159	ANN 210038	6	0.9	0	0	0	96	66	106	68	103	46	114	47	97	34	109	51	112	61	95	44	106	50	99	34
6	ANN 240055	ANN 240055	JRB 170159	ANN 210077	7	0.8	1	0	0	101	66	107	68	99	47	99	47	97	34	104	51	107	61	103	44	103	50	103	34
7	ANN 240075	ANN 240075	TMB 180331	ANN 190006	7	1.4	0	0	0	95	69	104	70	90	55	132	54	105	40	108	55	108	65	88	47	104	53	90	44
8	ANN 240076	ANN 240076	TMB 180331	ANN 180060	7	1.4	1	0	0	90	69	109	70	93	56	126	54	102	40	109	55	113	65	91	46	105	53	91	44
9	ANN 240079	ANN 240079	TMB 180331	ANN 160026	7	1.4	0	0	0	93	69	109	70	90	56	108	54	99	40	102	55	106	65	97	48	100	54	100	42
10	ANN 240083	ANN 240083	TMB 180331	ANN 160037	7	0.9	0	0	0	94	69	104	60	104	56	107	54	108	39	109	52	108	60	93	40	106	50	93	42
							★★★★																						
1	ANN 230033	ANN 230033	TMB 180331	ANN 140011	7	1.0	0	0	0	101	70	96	60	85	56	125	54	107	37	99	52	96	60	91	46	96	51	88	42
2	ANN 240014	ANN 240014	BUF 160168	ANN 210064	7	0.7	0	0	0	110	67	98	68	95	51	102	52	87	40	93	53	97	63	103	49	94	52	106	60

Selection List on Cow Value

Bulls 2 years and older

ID Sorted on ID		Name	Sire ID	Dam ID	Visual Score % Inbreeding	Horned / Polled	Myostatin Q204X nt821 F94L			Genomic test	Calving Ease Value Acc	Calf Growth Value Acc	Milk Value Acc	Maint. Value Acc	Fertility Value Acc	Cow Value Acc	Weaner Calf Value Acc	Growth Value Acc	Prod Value Acc	Carcass Value Acc
					<i>Italics: DNA Test</i>															
										★★★★										
1	ANN 240021	ANN 240021	BUF 160168	ANN 190033	7	0.8	0	0	0		8768	10868	9552	9552	8740	8954	9863	9550	8853	11260

Selection List on Cow Value

Cows 2 years and older

ID	Name	Sire ID	Dam ID	Visual Score	Horned / Polled	Myostatin	Calving Ease Value	Calf Growth Value	Milk Value	Maint. Value	Fertility Value	Cow Value	Weaner Calf Value	Growth Value	Prod Value	Carcass Value
Sorted on ID				% Inbreeding		Q204X nt821 F94L	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc
						<i>Italics: DNA Test</i>										
1	BUF 210146	BUF210146	JRB 110033	BEI 100017	7	0.5										
1	ANN 220031	ANN 220031	TMB 180331	ANN 190063	7	4.2										
2	ANN 240001	ANN 240001	SYF 200107	BUF 210146	7	1.3	0	0	0							
3	ANN 240070	ANN 240070	TMB 180331	BEI 120021	7	0.4										
1	ANN 220066	ANN 220066	JCV 160071	BEI 110012	7	1.1	1	0	0							
2	ANN 230024	ANN 230024	TMB 180331	ANN 200020	6	2.6										
3	ANN 230047	ANN 230047	TMB 180331	ANN 160007	8	0.9										
4	ANN 230054	ANN 230054	TMB 180331	ANN 160037	7	0.9										
5	ANN 230058	ANN 230058	TMB 180331	ANN 170038	7	3.7										
6	ANN 230078	ANN 230078	TMB 180331	ANN 120013	6	1.0										
7	ANN 240051	ANN 240051	JRB 170159	ANN 210058	7	1.0	0	0	0							
8	ANN 240063	ANN 240063	JRB 170159	ANN 220014	7	1.0	1	0	0							
9	ANN 240074	ANN 240074	TMB 180331	ANN 180067	7	4.2										
10	BEI 120021	BEI120021	BBN 070048	BEI 050034	7	0.3										
11	BUF 220126	BUF220126	JCV 160071	BEI 120030	8	0.9	0	0	0							
1	ANN 120013	ANN 120013	AG 060034	ANN 060021	7	0.0										
2	ANN 170038	ANN 170038	AG 130134	ANN 080006	6	0.0										
3	ANN 180067	ANN 180067	AG 130134	ANN 140034	7	0.8										
4	ANN 190008	ANN 190008	AG 130134	ANN 120022	7	1.1										
5	ANN 190016	ANN 190016	AG 130134	ANN 120043	7	1.1										
6	ANN 190063	ANN 190063	AG 130134	ANN 140016		1.1										
7	ANN 210022	ANN 210022	AG 130134	ANN 120022	7	1.1										

Selection List on Cow Value
Cows 2 years and older

ID Name Sorted on ID			Sire ID	Dam ID	Visual Score % Inbreeding	Horned / Polled	Myostatin Q204X n1821 F94L			Genomic test	Calving Ease Value Acc	Calf Growth Value Acc	Milk Value Acc	Maint. Value Acc	Fertility Value Acc	Cow Value Acc	Weaner Calf Value Acc	Growth Value Acc	Prod Value Acc	Carcass Value Acc										
										★★★★☆																				
8	ANN 210051	ANN 210051	TMB 170391	ANN 180066	7	2.3					108	72	104	72	105	67	105	73	93	46	108	61	110	71	104	38	107	56	101	39
9	ANN 210064	ANN 210064	TMB 170391	ANN 170044	7	0.8					125	73	88	72	89	68	127	73	104	45	105	61	96	71	96	40	103	57	91	44
10	ANN 210079	ANN 210079	TMB 170391	ANN 160007	7	3.2					90	74	107	72	111	65	84	72	106	47	104	61	104	71	116	40	107	57	108	39
11	ANN 210082	ANN 210082	TMB 170391	ANN 170034	7	2.4					115	73	97	73	85	68	128	73	91	46	101	62	103	72	98	40	99	58	93	40
12	ANN 220055	ANN 220055	TMB 180331	ANN 200013	7	1.4					96	70	104	70	95	61	129	69	95	42	105	58	111	68	89	40	101	54	85	45
13	ANN 220057	ANN 220057	TMB 170391	ANN 140014	6	3.0					111	71	95	71	98	64	125	71	91	43	101	59	103	70	100	38	100	55	96	38
14	ANN 220061	ANN 220061	TMB 170391	ANN 170044	7	0.8					119	71	95	70	91	63	108	72	98	43	101	59	97	69	99	38	99	55	94	38
15	ANN 220065	ANN 220065	TMB 180331	ANN 140001	7	0.8					93	71	117	71	86	63	110	70	98	40	108	59	115	69	97	40	106	55	96	40
16	ANN 220082	ANN 220082	TMB 170391	ANN 180060	8	3.7					102	73	104	71	91	64	122	71	86	46	100	60	108	70	102	40	100	56	93	42
17	ANN 220095	ANN 220095	TMB 170391	ANN 190016	7	2.3					116	70	102	68	84	63	114	71	95	42	102	58	103	68	102	39	102	54	102	39
18	ANN 220096	ANN 220096	TMB 180331	ANN 190043	6	1.4					102	70	104	69	85	60	118	69	105	40	106	57	104	67	93	40	103	54	89	44
19	ANN 230004	ANN 230004	TMB 180331	ANN 180001	8	0.9					96	72	102	69	91	62	112	54	117	42	107	57	99	66	97	42	105	54	91	46
20	ANN 230011	ANN 230011	TMB 180331	ANN 140034	7	0.9					99	71	98	70	98	63	107	70	105	42	100	59	97	69	94	40	98	55	86	42
21	ANN 240005	ANN 240005	SYF 200107	ANN 210013	7	2.7		0	0	0	114	65	101	67	91	44	124	45	93	33	107	50	110	60	83	30	101	46	85	43
22	ANN 240007	ANN 240007	TMB 180331	ANN 180001	7	0.9					101	69	104	68	93	55	108	54	107	39	107	54	105	64	96	40	105	51	92	44
23	ANN 240015	ANN 240015	TMB 170391	ANN 210051	7	27.0		0	0	0	106	68	109	69	90	54	106	57	89	42	103	55	110	65	108	38	104	52	102	41
24	ANN 240031	ANN 240031	TMB 180331	ANN 210034	7	2.6		0	0	0	98	66	106	68	88	50	116	52	106	39	106	53	106	62	90	39	102	50	90	44
25	ANN 240038	ANN 240038	SYF 200107	ANN 210039	7	3.2		0	0	0	116	65	95	67	86	44	133	45	90	33	101	50	103	60	83	31	96	46	82	43
26	ANN 240048	ANN 240048	SYF 200107	ANN 210069	7	3.0		0	0	0	116	66	96	67	89	46	120	46	94	32	101	50	101	60	84	31	96	46	85	43
27	ANN 240052	ANN 240052	JRB 170159	ANN 210074	7	0.8		0	0	0	84	66	112	67	106	45	104	46	96	35	106	50	113	60	96	34	103	47	97	34
28	ANN 240062	ANN 240062	JRB 170159	BUF 210127	7	0.5		0	0	0	82	67	109	70	98	47	109	47	103	34	102	52	106	62	96	37	100	49	95	36
29	ANN 240066	ANN 240066	TMB 180331	ANN 160007	7	0.9					83	70	108	70	109	57	97	55	113	39	109	55	107	66	102	40	107	52	102	42
30	ANN 240077	ANN 240077	JRB 170159	ANN 210054	8	0.9		1	0	0	110	65	96	68	104	46	110	47	95	34	103	51	103	61	92	34	100	48	93	34
31	BEI 110027	BEI110027	BBN 070048	BEI 030061	8	0.1					84	83	108	81	107	85	97	77	111	54	108	70	105	82	109	54	108	67	109	48
32	BEI 120030	BEI120030	BEI 070118	BEI 010054	8	3.3					103	83	98	81	136	85	111	77	78	54	109	70	119	82	109	56	109	67	99	51
33	BUF 130013	BUF130013	RRF 090029	ZBR 090006	6	0.6					68	81	121	79	123	82	80	73	93	48	106	67	119	79	112	54	107	64	126	54
34	BUF 210126	BUF210126	BG 120067	BEI 110023	6	0.6					81	73	120	72	91	67	96	71	98	42	104	60	112	71	110	46	105	57	105	45
35	HJL 110108	HJL110108	HJL 060120	HJL 050159	8	2.3					100	82	106	80	89	84	107	76	111	52	108	69	104	81	110	56	108	66	108	53

Selection List on Cow Value

Cows 2 years and older

ID		Name	Sire ID	Dam ID	Visual Score	Horned / Polled	Myostatin			Genomic test	Calving Ease Value	Calf Growth Value	Milk Value	Maint. Value	Fertility Value	Cow Value	Weaner Calf Value	Growth Value	Prod Value	Carcass Value										
Sorted on ID					% Inbreeding		Q204X	nt821	F94L		Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc										
							Italics: DNA Test																							
										★★★★																				
1	ANN 120022	ANN 120022	AG 060034	ANN 030003	8	0.0					93	82	98	71	127	81	88	77	83	45	94	65	102	75	105	40	95	60	109	27
2	ANN 160007	ANN 160007	THE 060036	ANN 060021	6	0.0					74	79	101	77	130	82	73	78	103	48	94	67	99	78	117	42	98	62	111	30
3	ANN 180060	ANN 180060	AG 110138	ANN 150056	7	2.4					102	78	99	76	96	78	119	76	84	51	94	66	103	77	98	40	94	61	86	40
4	ANN 190006	ANN 190006	AG 110138	ANN 160049	7	2.4					105	78	96	75	91	75	128	75	89	51	96	65	101	75	93	42	94	60	88	40
5	ANN 190019	ANN 190019	AG 130134	ANN 140001	7	0.8					105	77	102	75	86	76	105	77	87	47	92	65	97	76	100	36	92	59	103	28
6	ANN 190057	ANN 190057	AG 130134	ANN 150017		0.8					104	77	93	73	92	73	111	75	97	48	91	64	89	74	103	40	92	59	97	30
7	ANN 210041	ANN 210041	TMB 170391	ANN 180030	7	2.9					117	72	101	70	83	61	117	71	87	46	98	59	104	69	98	40	97	55	90	42
8	ANN 210057	ANN 210057	TMB 170391	ANN 170055	7	4.7					101	72	98	72	88	68	123	73	90	47	94	61	99	71	105	42	95	57	99	45
9	ANN 210058	ANN 210058	TMB 170391	ANN 160018	7	4.7					120	73	95	73	78	68	128	73	82	47	93	62	99	72	103	40	93	58	94	40
10	ANN 210068	ANN 210068	TMB 170391	ANN 120050	7	3.0					93	74	102	73	94	69	106	73	95	45	94	62	98	72	101	40	94	58	101	44
11	ANN 220014	ANN 220014	TMB 170391	ANN 150057	7	4.7					91	73	100	71	96	63	128	71	91	47	96	60	103	70	104	40	96	56	91	40
12	ANN 220041	ANN 220041	TMB 170391	ANN 180034	7	2.9					96	71	101	70	80	62	121	71	91	45	90	59	96	69	103	40	91	55	88	46
13	ANN 230026	ANN 230026	BUF 160168	ANN 180066	7	0.7					88	70	112	68	106	52	84	52	87	43	96	54	107	63	109	42	98	52	116	42
14	ANN 230035	ANN 230035	JCV 190025	BEI 120030	7	0.7					108	72	96	71	99	53	109	48	92	39	96	55	98	65	89	47	93	53	91	46
15	ANN 230068	ANN 230068	BUF 160168	ANN 180021	7	0.7					106	70	104	69	100	53	93	52	74	43	90	55	103	64	107	42	92	52	112	42
16	ANN 240022	ANN 240022	BUF 160168	BEI 110027	6	1.4		0	0	0	88	71	105	72	104	57	96	53	90	43	94	57	101	67	109	46	96	55	114	46
										★★★★☆																				
1	ANN 130017	ANN 130017	AG 060034	ANN 100032	6	0.0					69	81	97	78	126	83	96	77	92	46	87	67	93	79	112	44	90	62	113	42
2	ANN 160037	ANN 160037	THE 060036	ANN 080005	7	0.0					89	78	93	75	120	80	90	76	92	47	88	65	91	76	96	42	88	60	94	31
3	ANN 180001	ANN 180001	THE 060036	ANN 100006	7	0.0					89	78	91	67	108	77	96	75	93	47	82	62	85	72	100	42	83	58	90	39
4	ANN 190043	ANN 190043	AG 110138	ANN 150035		2.1					98	76	102	73	82	69	105	74	86	50	85	63	94	73	94	38	84	58	87	40
5	ANN 200013	ANN 200013	AG 110138	ANN 150053	6	2.4					88	74	101	73	96	72	125	75	79	49	89	63	104	73	90	40	87	58	84	45
6	ANN 200057	ANN 200057	AG 110138	ANN 150051	6	1.4					101	73	92	72	88	68	115	73	85	48	81	62	87	71	90	38	80	57	80	40
7	ANN 210077	ANN 210077	TMB 170391	ANN 180055	7	2.3					96	72	103	72	81	67	99	73	84	46	82	61	91	71	104	40	84	57	100	39
8	ANN 220003	ANN 220003	TMB 130363	ANN 180001	7	0.6					113	73	86	68	93	58	100	56	98	45	86	57	81	66	101	34	87	52	90	44
9	ANN 220028	ANN 220028	TMB 170391	ANN 170022	7	0.8					95	71	98	70	87	61	104	71	94	44	86	59	88	69	98	40	86	55	96	44
10	ANN 230007	ANN 230007	BUF 160168	ANN 190019	7	0.7					99	70	106	70	82	61	99	69	77	43	83	58	96	68	107	42	86	55	113	42
11	ANN 230014	ANN 230014	BUF 160168	ANN 180051	7	0.8					109	70	102	69	88	60	113	69	70	43	88	58	102	67	103	42	89	55	105	44

Selection List on Cow Value

Cows 2 years and older

ID Sorted on ID		Name	Sire ID	Dam ID	Visual Score % Inbreeding	Horned / Polled	Myostatin Q204X nt821 F94L			Genomic test	Calving Ease Value Acc	Calf Growth Value Acc	Milk Value Acc	Maint. Value Acc	Fertility Value Acc	Cow Value Acc	Weaner Calf Value Acc	Growth Value Acc	Prod Value Acc	Carcass Value Acc									
										★★★★★																			
12	ANN 230034	ANN 230034	BUF 160168	ANN 170032	7	0.7				124	70	89	69	94	54	99	52	84	43	87	55	88	64	99	42	88	52	103	42
13	ANN 230039	ANN 230039	BUF 160168	ANN 200057	7	0.8				101	70	100	68	93	51	100	51	74	43	82	54	95	63	101	42	83	52	101	44
14	ANN 240016	ANN 240016	BUF 160168	ANN 200013	7	0.9	0	0	0	92	67	112	69	94	52	95	52	73	41	88	54	106	63	103	42	90	52	107	45
15	BUF 210127	BUF210127	BG 120067	BEI 110012	7	0.5				76	73	118	72	72	67	100	71	93	43	88	60	100	71	106	48	90	58	101	47
										★★★★																			
1	ANN 160026	ANN 160026	THE 060036	ANN 120021	6	4.6				81	80	96	77	96	80	100	76	79	51	71	67	83	78	102	48	74	63	96	33
2	ANN 170021	ANN 170021	THE 060036	ANN 090024	6	0.0				91	78	92	75	96	79	107	75	84	46	78	65	86	76	106	46	81	61	97	38
3	ANN 210069	ANN 210069	TMB 170391	ANN 130006	6	3.0				104	74	91	72	88	69	110	74	84	45	79	62	84	72	97	38	80	57	89	38

Selection List on Cow Value

Bull calves younger than 2 years

ID	Name	Sire ID	Dam ID	Visual Score	Inbreeding	Horned / Polled	Myostatin	Genomic test	Calving Ease Value	Calf Growth Value	Milk Value	Maint. Value	Fertility Value	Cow Value	Weaner Calf Value	Growth Value	Prod Value	Carcass Value											
Sorted on ID							Q204X nt821 F94L		Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc											
									★★★★★																				
1	ANN 260028	ANN 260028	TMB 180331	BUF 220126	0.8				112	67	105	59	97	51	112	52	111	37	120	50	114	58	99	44	116	49	100	48	
									★★★★★																				
1	ANN 250001	ANN 250001	JRB 170159	ANN 120022	0.7		0	0	0	94	68	103	57	124	52	99	49	98	34	110	49	112	57	96	35	107	46	102	31
2	ANN 250008	ANN 250008	SYF 200107	BUF 220126	2.0		0	0	0	120	67	98	69	101	45	111	45	104	31	114	50	108	61	90	44	109	49	97	61
3	ANN 250013	ANN 250013	JRB 170159	ANN 190063	7 0.6		0	0	0	111	66	100	68	108	49	104	48	105	34	113	51	108	62	86	44	107	50	97	56
4	ANN 250015	ANN 250015	SYF 200107	ANN 220066	2.3		1	0	0	106	65	111	67	89	45	100	45	112	31	115	49	109	60	88	44	109	48	97	61
5	ANN 250033	ANN 250033	JRB 170159	BUF 210126	0.5				92	67	113	70	105	47	102	46	104	33	114	51	116	62	99	36	111	48	103	36	
6	ANN 250058	ANN 250058	TMB 180331	ANN 190006	1.4				95	69	111	70	86	55	122	54	103	40	111	55	113	65	93	40	107	52	94	44	
7	ANN 250064	ANN 250064	TMB 180331	ANN 210041	1.5				108	67	105	59	84	50	126	52	103	38	110	50	109	58	94	40	107	48	91	44	
8	ANN 250067	ANN 250067	TMB 180331	ANN 170038	3.7				98	69	104	70	94	56	124	54	111	37	113	55	110	65	91	39	109	52	97	42	
9	ANN 250073	ANN 250073	TMB 180331	ANN 180060	1.4				96	69	113	70	89	56	116	54	100	40	111	55	115	65	96	40	108	52	95	44	
10	ANN 260008	ANN 260008	TMB 180331	ANN 210079	1.4				88	68	114	59	100	51	103	53	112	38	116	50	115	58	103	40	114	48	100	44	
11	ANN 260013	ANN 260013	JRB 170159	ANN 220014	1.0				101	66	100	57	107	45	123	47	99	34	110	47	111	55	96	34	107	44	93	34	
12	ANN 260026	ANN 260026	TMB 180331	ANN 220082	1.6				99	66	110	59	89	50	127	52	102	38	114	50	116	58	96	40	110	48	93	44	
									★★★★★																				
1	ANN 250005	ANN 250005	SYF 200107	ANN 220028	2.2		1	0	0	117	65	95	67	89	44	119	45	98	31	102	49	99	60	79	39	96	47	87	60
2	ANN 250016	ANN 250016	TMB 180331	ANN 180001	6 0.9		0	0	0	91	69	104	68	98	55	106	54	107	39	103	54	103	64	98	47	102	53	96	60
3	ANN 250027	ANN 250027	JRB 170159	ANN 220041	7 1.1		1	0	0	95	66	103	67	101	45	118	47	100	34	106	50	108	60	98	44	104	49	92	56
4	ANN 250036	ANN 250036		ANN 220055	0.0				108	56	95	57	94	32	115	35	104	22	102	40	98	49	77	20	95	36	81	22	
5	ANN 250039	ANN 250039	JRB 170159	ANN 190019	0.7				105	68	100	69	104	51	111	49	98	35	106	52	106	63	93	34	103	48	99	31	
6	ANN 250061	ANN 250061	TMB 180331	ANN 180102	0.0				108	62	85	63	96	45	131	48	115	32	104	48	92	58	86	34	99	45	88	39	
7	ANN 250063	ANN 250063	TMB 180331	ANN 160026	1.4				83	70	118	70	96	56	108	54	98	40	109	55	118	65	97	42	107	52	98	42	
8	ANN 250065	ANN 250065	TMB 180331	BUF 210127	0.8				92	69	112	70	79	52	117	52	106	37	107	54	109	64	97	42	104	52	97	46	
9	ANN 250070	ANN 250070	TMB 180331	ANN 210077	3.0				110	67	96	69	87	52	129	53	103	38	103	53	101	64	93	40	101	50	92	44	
10	ANN 250071	ANN 250071	TMB 180331	ANN 210058	1.6				108	67	103	69	83	52	131	53	100	39	108	54	109	64	95	40	105	51	94	44	
11	ANN 260006	ANN 260006	SYF 200107	ANN 230026	1.4				105	65	108	56	98	39	100	38	94	30	106	44	110	52	90	32	103	42	100	44	
12	ANN 260018	ANN 260018	JRB 170159	ANN 230068	0.6				117	66	98	57	108	42	102	40	91	33	106	46	106	53	97	35	104	44	104	34	
13	ANN 260023	ANN 260023	TMB 180331	ANN 190043	1.4				95	68	107	60	85	52	119	53	102	39	103	51	105	59	91	40	100	49	90	44	

Selection List on Cow Value
Bull calves younger than 2 years

ID		Name	Sire ID	Dam ID	Visual Score	Horned / Polled	Myostatin	Genomic test	Calving Ease Value	Calf Growth Value	Milk Value	Maint. Value	Fertility Value	Cow Value	Weaner Calf Value	Growth Value	Prod Value	Carcass Value
Sorted on ID					% Inbreeding		Q204X n1821 F94L		Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc
					<i>Italics: DNA Test</i>													
									★★★★☆									
14	ANN 260025	ANN 260025	JRB 170159	ANN 230039	0.9				113 65	96 57	105 41	106 39	91 33	102 45	103 53	94 36	99 43	98 36
15	ANN 260119	ANN 260119	TMB 180331	ANN 200057	1.1				97 59	103 59	88 52	125 53	102 39	103 49	105 57	90 40	100 47	86 44
									★★★★									
1	ANN 250041	ANN 250041		ANN 230011	0.0				107 56	88 57	98 33	110 35	109 22	97 40	89 50	78 20	92 36	79 21
									★★★★☆									
1	ANN 250040	ANN 250040		ANN 230014	0.0				105 56	91 57	94 31	113 34	92 23	88 40	89 49	82 21	85 36	88 22
2	ANN 250045	ANN 250045		ANN 230007	0.0				94 56	85 57	97 32	118 34	96 22	82 40	81 49	81 21	79 36	87 21
3	ANN 260015	ANN 260015		ANN 220028	0.0				83 56	98 35	95 31	107 36	102 22	88 33	89 38	81 20	84 30	84 22

Selection List on Cow Value
Heifers younger than 2 years

ID	Name	Sire ID	Dam ID	Visual Score	Horned / Polled	Myostatin	Calving Ease Value	Calf Growth Value	Milk Value	Maint. Value	Fertility Value	Cow Value	Weaner Calf Value	Growth Value	Prod Value	Carcass Value
Sorted on ID				% Inbreeding		Q204X nt821 F94L Genomic test	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc
				Italics: DNA Test			★★★★★									
1	ANN 250003	ANN 250003	SYF 200107	ANN 220031	1.8	0 0 0	118 64	108 67	92 43	112 44	107 30	121 49	116 59	82 32	114 46	90 44
2	ANN 250009	ANN 250009	JRB 170159	BEI 100017	0.6		119 70	85 71	122 55	137 49	106 36	120 54	111 65	82 42	112 52	86 39
3	ANN 250046	ANN 250046	JRB 170159	BUF 210146	13.2		97 67	105 70	119 49	125 48	110 35	127 52	124 63	85 40	120 50	96 38
							★★★★★									
1	ANN 250007	ANN 250007	SYF 200107	ANN 210079	2.8	0 0 0	112 66	108 67	98 45	94 45	103 32	113 50	110 60	96 32	110 46	98 43
2	ANN 250043	ANN 250043	JRB 170159	ANN 210051	0.8		113 66	103 68	110 47	107 47	100 34	117 51	115 61	97 34	113 48	99 34
3	ANN 250056	ANN 250056	TMB 180331	ANN 160007	0.9		90 70	107 70	107 57	96 55	111 39	110 55	107 66	103 40	109 52	102 42
4	ANN 250057	ANN 250057	JRB 170159	ANN 210064	0.7		124 66	89 68	104 47	126 47	106 34	114 51	105 61	91 34	110 48	90 36
5	ANN 250059	ANN 250059	TMB 180331	ANN 180067	4.2		112 69	104 70	88 55	108 54	116 39	114 55	105 65	94 40	111 52	93 42
6	ANN 250060	ANN 250060	TMB 180331	ANN 190008	4.2		93 69	112 70	97 56	109 54	109 39	114 55	114 65	97 40	111 52	101 42
7	ANN 250062	ANN 250062	TMB 180331	ANN 190016	4.2		96 69	111 60	89 53	122 54	111 39	116 51	115 59	92 40	112 49	97 42
8	ANN 250066	ANN 250066	TMB 180331	ANN 210082	3.0		114 67	102 69	85 52	130 53	105 38	114 53	110 64	93 40	110 50	91 44
9	ANN 250068	ANN 250068	TMB 180331	ANN 160037	0.9		84 69	112 70	105 56	104 54	105 39	110 55	113 65	94 40	106 52	94 42
10	ANN 250074	ANN 250074	JRB 170159	ANN 220096	1.0		108 65	103 67	102 45	116 46	106 33	116 50	113 60	90 34	111 47	91 36
11	ANN 260002	ANN 260002	SYF 200107	BEI 120030	0.7		122 69	97 60	112 52	120 47	90 34	115 50	115 58	90 38	110 48	91 46
12	ANN 260014	ANN 260014	TMB 180331	ANN 190057	4.2		100 68	105 60	90 53	123 54	108 39	111 51	110 59	96 40	108 49	95 42
13	ANN 260016	ANN 260016	TMB 180331	BUF 130013	1.1		79 71	120 61	105 57	100 53	106 39	115 52	120 61	100 44	113 50	109 47
14	ANN 260021	ANN 260021	JRB 170159	ANN 230035	0.7		110 66	97 57	109 42	112 38	100 32	110 45	107 53	88 37	105 43	93 36
15	ANN 260027	ANN 260027	JRB 170159	BEI 120021	1.5		101 68	103 61	117 53	106 50	107 37	117 51	113 59	90 40	112 49	99 37
							★★★★★									
1	ANN 250006	ANN 250006		ANN 220065	0.0		110 56	91 57	93 33	119 35	107 21	101 40	94 50	77 20	95 36	77 20
2	ANN 250014	ANN 250014	JRB 170159	ANN 200057	1.2		110 66	96 68	102 48	115 47	97 35	104 51	103 61	89 34	100 48	87 34
3	ANN 250017	ANN 250017	JRB 170159	ANN 190057	0.6		100 68	103 68	105 49	110 48	103 35	109 52	108 62	96 35	106 49	97 32
4	ANN 250025	ANN 250025	TMB 180331	ANN 170021	0.9		93 69	105 70	90 56	121 54	102 39	103 55	105 65	98 42	101 52	94 44
5	ANN 250038	ANN 250038		BEI 110027	0.0		98 62	96 63	101 43	101 39	112 27	100 46	92 56	87 27	96 42	90 24
6	ANN 250048	ANN 250048	JRB 170159	ANN 210068	0.9		102 66	100 68	107 48	110 47	101 34	108 51	107 61	94 34	105 48	98 36
7	ANN 250049	ANN 250049	JRB 170159	ANN 210057	1.0		100 66	105 68	103 47	111 47	98 35	109 51	111 61	98 36	106 48	99 36
8	ANN 250055	ANN 250055	TMB 180331	ANN 210069	1.4		107 68	97 69	89 53	127 53	102 38	104 54	102 64	92 40	101 51	88 44

Selection List on Cow Value
Heifers younger than 2 years

ID	Name	Sire ID	Dam ID	Visual Score	Myostatin	Calving Ease Value	Calf Growth Value	Milk Value	Maint. Value	Fertility Value	Cow Value	Weaner Calf Value	Growth Value	Prod Value	Carcass Value
Sorted on ID				% Inbreeding	Horned / Polled	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc
					Q204X n1821 F94L										
					Genomic test										
					Italics: DNA Test										
9	ANN 260003	ANN 260003	TMB 180331	ANN 180001	0.9										
10	ANN 260010	ANN 260010	JRB 170159	ANN 230034	0.6										
11	ANN 260011	ANN 260011	TMB 180331	ANN 170021	0.9										
12	ANN 260017	ANN 260017	ANN 220091	HJL 110108	0.7										
13	ANN 260019	ANN 260019	TMB 180331	ANN 200057	1.1										
14	ANN 260020	ANN 260020		ANN 230024	0.0										
15	ANN 260022	ANN 260022	JRB 170159	ANN 220003	0.7										
16	ANN 260024	ANN 260024	ANN 220091	ANN 230004	2.7										
1	ANN 250012	ANN 250012		ANN 220057	0.0										
2	ANN 250021	ANN 250021	TMB 170391	ANN 220082	27.7	0	0	0							
3	ANN 250035	ANN 250035		ANN 220095	0.0										
4	ANN 250052	ANN 250052		ANN 220061	0.0										
5	ANN 250075	ANN 250075		ANN 120022	0.0										
6	ANN 260029	ANN 260029		ANN 210022	0.0										

