

BONSMARA

GENOMIC BREEDING VALUE REPORT

September 2026



CULMPINE BONSMARAS

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EBVs, EBVi's and GEBVs

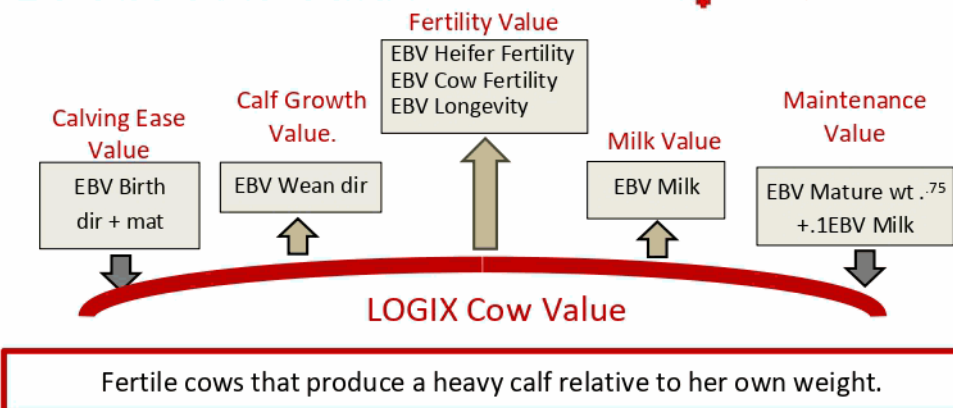
EBVi (Breeding Value Index): Genetic potential relative to the average (100) of the live (active) animals in the breed. Roughly 50% of the animals have values between 90 and 110. Values above 100, depending on the trait, tend to be in the more favourable direction.

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

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

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

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



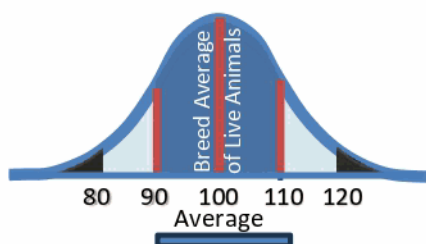
Select for more meat on the carcass as measured from end weight in Phase C and D Growth Tests and RTU scanning.

LOGIX Production Value



80% LOGIX Cow Value +
20% LOGIX Growth Value

Interpretation of EBVi and Selection Values

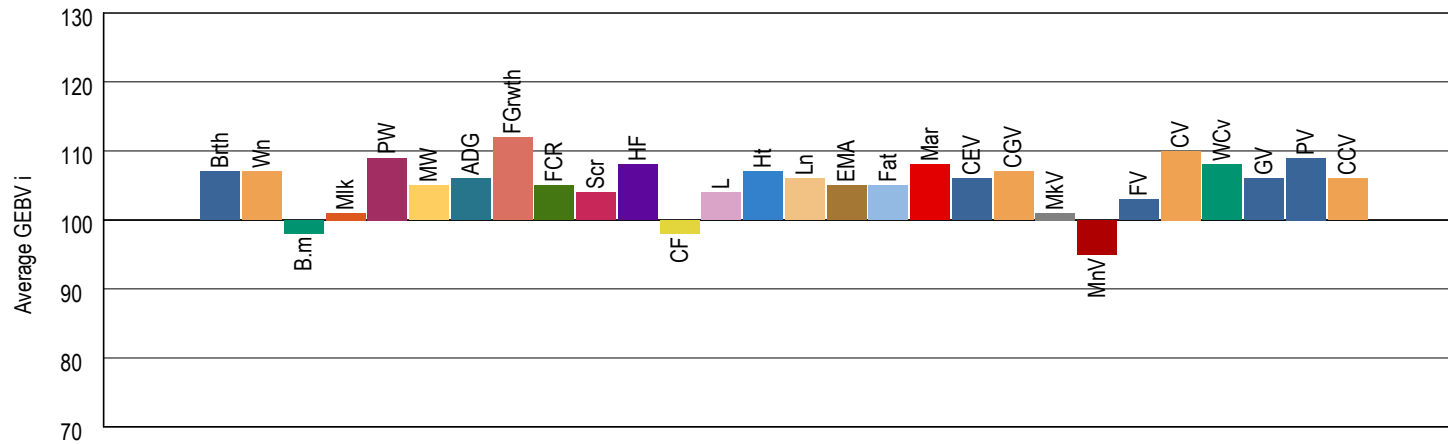


Examples

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
Milk:	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	0.26	107	0.98
	Wean Weight	18.8	107	14.9
	Birth Mat.	-0.21	98	-0.28
	Milk (Wn.Mat.)	4.0	101	3.7
Postwean Growth	Postwean Wt	33	109	25
	Mature Weight	30	105	22
	ADG	101	106	79
	VeldGrowth	64	112	35
	FCR	-44	105	-37
Fertility	Scrotal Circumf.	15	104	13
	Heifer Fertility	-13.6	108	-9.1
	Cow Fertility	-0.22	98	-0.56
	Longevity	34.1	104	31.8
Frame	Height	2.6	107	-3.1
	Length	19.0	106	13.6
Carcass	EMA	1.154	105	0.683
	Fat	0.858	105	0.055
	Marbling	0.601	108	-0.056

Selection Value	Ave. Herd
Calving Ease	106
Calf Growth	107
Milk	101
Maintenance	95
Fertility	103
Cow Value	110
Weaner Calf Value	108
Growth Value	106
Production Value	109
Carcass Value	106

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

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

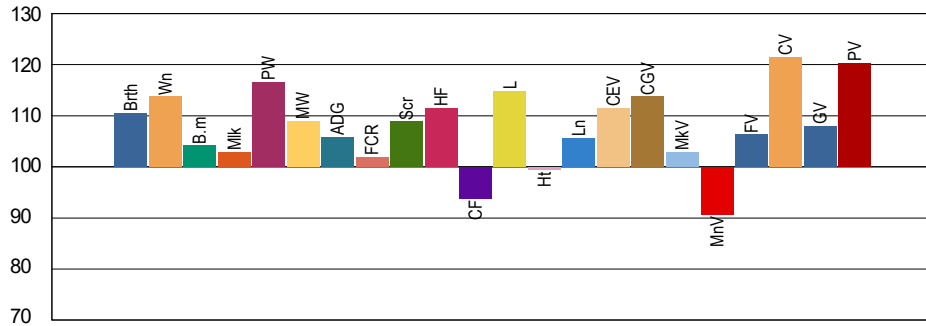
Calving ease:	Smaller calf at birth - easier calving
Calf growth:	Heavier calves at wean due to growth potential of the calf
Milk:	Cows with more milk and better mothering ability
Maintenance:	Animals with low maintenance requirements (lower mature weight).
Fertility:	Cows/daughters that calve earlier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

Genetic Windows

Bulls on the farm

Bulls born in 2023 and earlier

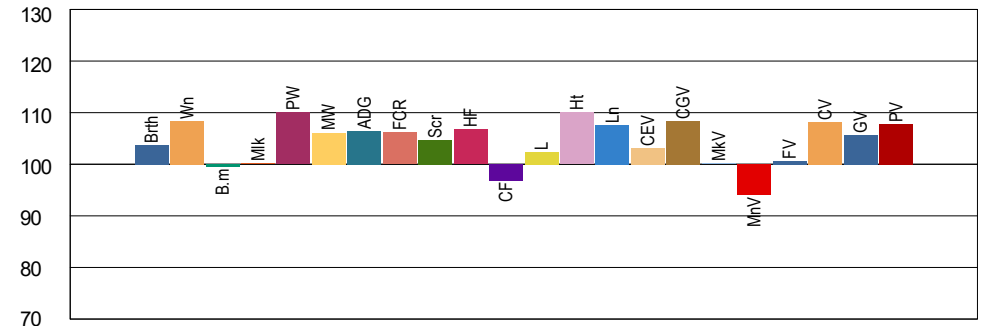
Total: 7



Cow Herd

Cows born in 2024 and earlier

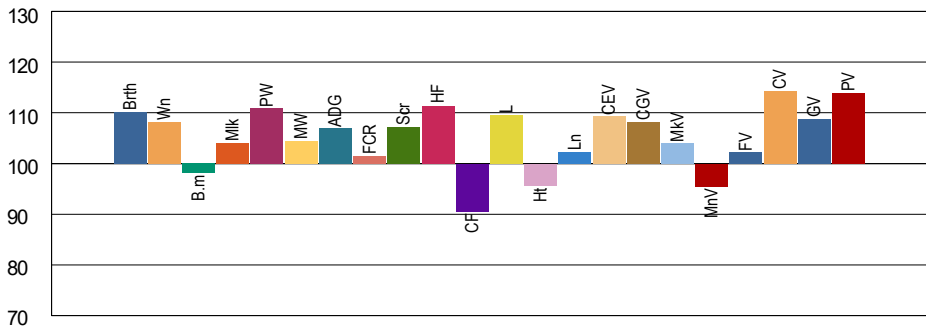
Total: 119



Sires of young animals

Sires of animals 3 years and younger

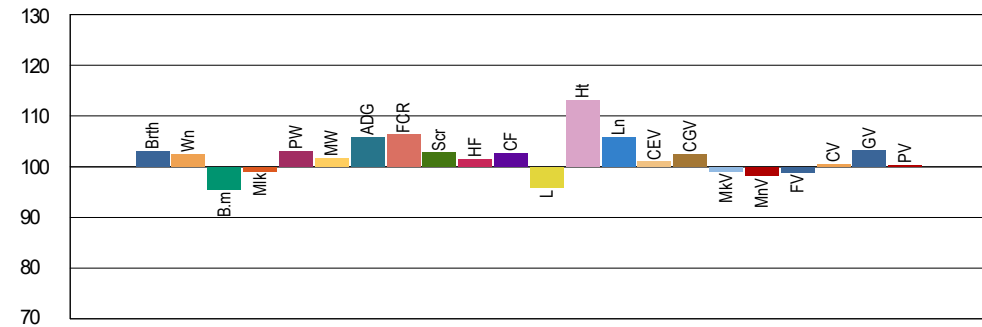
Total: 13



Cows older than 6 years

Cows born in 2020 and earlier

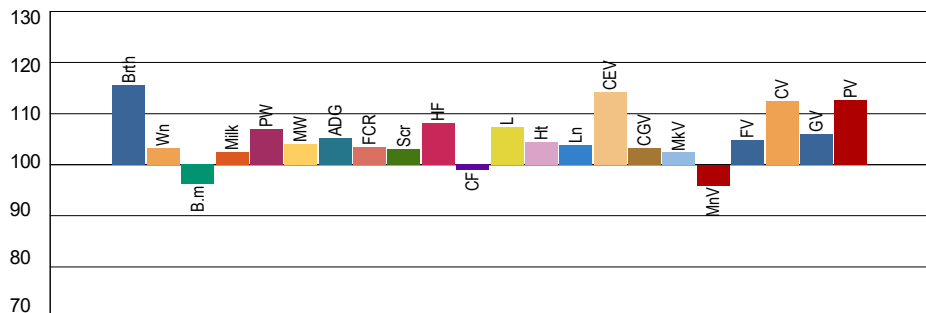
Total: 50



Bull calves

Bulls born in 2025

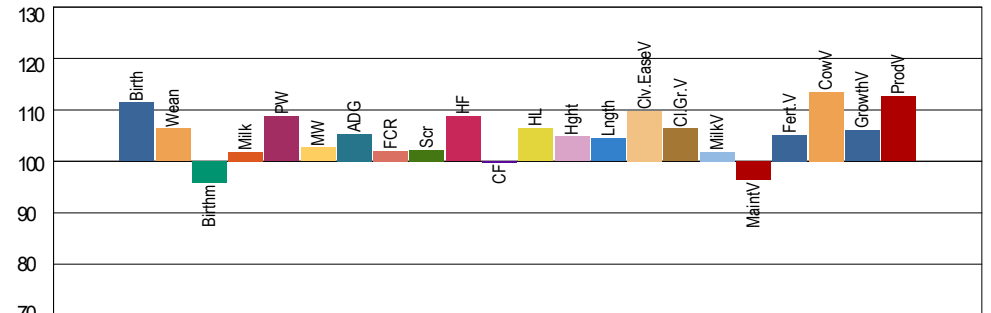
Total: 21



Heifer calves

Heifers born in 2025

Total: 35

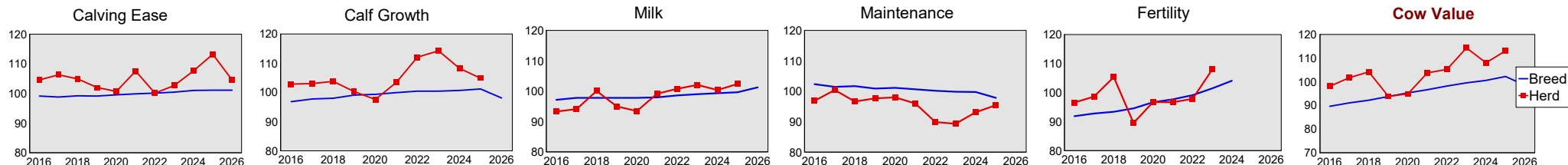


Summary of Cow Herd

			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	99	100	100	100	100	100	100	100	101
2009	1	★★★★☆	91	98	110	94	77	83	105	85	94	98	88	110	99	104	111	113	84	78	93	82	128	109
2010	2	★★★	79	108	79	82	81	69	111	74	83	108	88	79	109	123	113	112	79	92	90	82	114	103
2012	4	★★★★	113	95	93	98	92	91	98	91	114	95	105	93	95	101	102	106	108	102	97	90	102	95
2013	7	★★★★	86	107	105	97	96	98	107	99	90	107	83	105	109	101	111	110	108	100	100	93	120	111
2014	4	★★★★☆	119	83	104	116	109	102	90	99	123	83	96	104	88	87	91	92	92	107	114	98	98	89
2015	6	★★★★☆	102	97	106	104	107	104	96	102	105	97	96	106	98	96	95	98	105	108	110	95	110	105
2016	7	★★★★☆	106	106	97	94	97	103	106	103	106	106	102	97	106	106	109	109	104	98	101	97	117	111
2017	6	★★★★☆	95	109	105	96	99	107	106	106	98	109	88	105	107	103	109	109	102	100	102	98	119	111
2018	4	★★★★☆	111	110	104	99	110	123	108	121	109	110	106	104	107	100	107	113	110	112	106	105	115	112
2019	3	★★★★	107	103	91	101	94	98	98	97	106	103	103	91	101	99	99	101	103	96	99	95	111	104
2020	6	★★★★	98	104	90	93	100	95	110	97	100	104	97	90	106	107	115	111	104	101	103	101	113	106
2021	9	★★★★☆	105	108	98	95	100	107	107	107	106	108	98	98	108	106	110	108	102	108	94	101	110	108
2022	11	★★★★★	101	117	101	89	103	117	112	117	100	117	103	101	121	111	112	111	107	114	90	111	111	113
2023	28	★★★★★	104	113	103	91	102	114	106	113	103	113	102	103	116	109	105	105	106	111	92	107	108	109
2024	21	★★★★★	108	112	100	91	102	115	107	114	107	112	104	100	114	109	105	104	107	109	94	107	106	108
2025	35	★★★★★	110	106	102	96	105	114	106	113	111	106	96	102	109	103	105	102	102	109	100	106	105	104
2026	13	★★★★☆	104	101	102	100	106	106	99	104	105	101	97	102	102	99	99	96	97	113	106	95	97	98
Cows in Herd Average:			102	105	99	96	99	103	104	102	104	105	97	99	106	104	106	106	101	103	99	98	111	106

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.



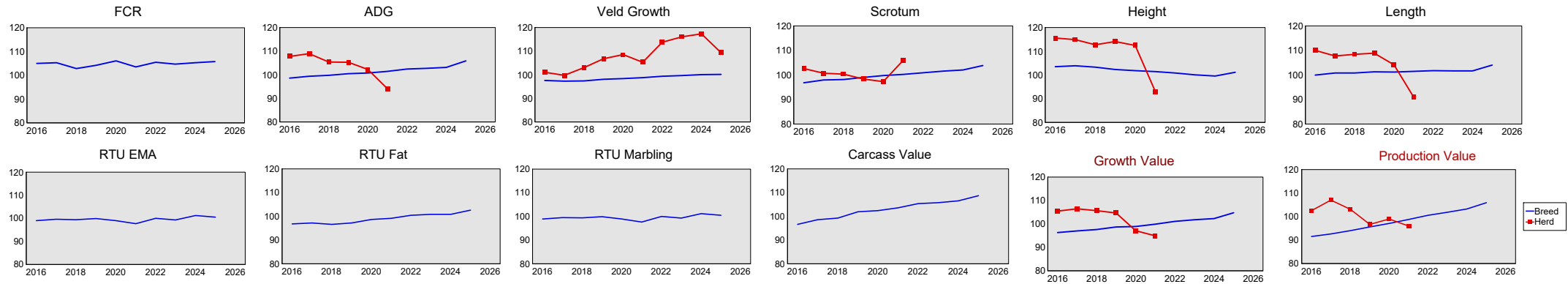
Herd

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		Mainte-nance	Heifer Fert.		Cow Fert.		Longevity		Ferti-lity				
	Number	Dir EBV			Number	EBV		Number	EBV	Number	EBV	Number	EBV		Number	EBV	Number	EBV	Number	EBV		Number	EBV		
2016	87	0.49	-0.28	105	76	16.5	103	76	1.66	93	58	28.8	18	29	97	21	-10.1	18	-1.2	80	23.5	97	98		
2017	83	0.15	-0.10	106	76	16.6	103	76	1.90	94	59	26.5	10	20	100	20	-10.3	10	-1.3	82	24.9	99	102		
2018	94	0.29	-0.13	105	84	17.0	104	84	3.72	100	74	29.6	10	33	97	7	-14.8	9	-0.6	91	26.8	105	104		
2019	98	0.67	-0.19	102	72	15.1	100	72	2.16	95	60	26.5	14	21	98	18	-5.6	13	0.6	96	21.8	90	94		
2020	103	0.86	-0.28	101	66	13.7	98	66	1.70	93	45	26.3	10	31	98	13	-8.2	11	-0.9	103	19.8	97	95		
2021	85	0.04	-0.12	108	71	16.8	103	71	3.47	99	68	28.1	13	37	96	14	-11.2	6	0.5	78	27.7	97	104		
2022	88	0.99	-0.31	100	70	21.4	112	70	3.94	101	68	38.6	8	37	90	19	-13.5			1	21.5	98	105		
2023	80	0.74	-0.36	103	61	22.5	114	61	4.33	102	57	39.9			89	5	-18.4					108	114		
2024	53	0.15	-0.29	108	48	19.4	108	48	3.84	100	36	34.8			93								108	108	
2025	73	-0.60	-0.14	113	59	17.6	105	59	4.42	102	5	30.9			95								113	113	
2026	21	0.41	-0.13	105																					

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.)		Postwean Weight		Mature Weight		Mainte-nance	Heifer Fert.		Cow Fert.		Longevity		Ferti-lity			
	Number	Dir EBV			Number	EBV		Number	EBV	Number	EBV	Number	EBV		Number	EBV	Number	EBV	Number	EBV			Number	EBV
2016	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	102
2026	15472	0.86	-0.27	101	1023	13.9	98	1023	4.09	101													99	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				26	113	109	33	35	100	26	13.2	101	26	9	115	26	21	108								106	107	
2018				33	100	105	40	43	103	33	13.0	100	33	7	113	33	21	108								106	103	
2019				24	99	105	31	52	107	24	11.8	98	24	8	114	24	22	109								105	97	
2020				18	88	102	27	56	109	18	11.2	97	18	7	112	18	17	104								97	99	
2021				1	58	94	62	49	105	1	16.4	106	1	-9	93	1	6	91								95	96	
2022							56	69	114																			
2023							51	75	116																			
2024							33	78	117																			
2025							5	59	109																			
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 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	Nr measured		
ID																																		Comp.nr	Birth	Wean
																																			Grwth Test	Dght & clvs (Weaned)
BBM 100050 70578778		JRB 030015 BBM 060060	122	70	135	131	110	111	93	90	107	87	73	132	71	72	70	135	121	82	87	108	81	105	98	115	112	91	91	81	100	96	113	268	146	
			96	97	91	90	73	83	95	72	81	66	-13	-2.38	2.3	-19	-1.3	14.6	125	9.4	29	55	-6	0.61	11.5	-17.5	-2.8	26.2	-10	-3.3	0.69	-0.52	1.03	29	33	125
CEF 050392 61238721		CEF 020328 CEF 000177	97	109	81	82	90	85	95	137	95	115	106	98	106	123	109	81	83	116	140	101	131	101	96	92	109	73	103	110	112	96	121	339	273	
			98	98	96	96	92	89	97	92	90	92	32	1.17	-2.4	55	19.7	-2.0	32	39.4	232	38	-88	0.36	10.3	-4.3	-2.1	15.9	-1	22.1	1.93	-0.52	1.69	59	64	211
CEF 180505 87546586		CEF 130548 CEF 130006	104	131	108	80	108	136	140	115	135	140	125	102	115	123	131	108	121	136	110	125	104	88	115	126	81	119	106	118	137	126	144	463	333	
			99	99	97	97	97	90	98	98	92	98	57	0.80	-3.6	56	31.4	6.3	123	57.2	117	97	-43	-0.36	21.9	-24.2	2.9	43.3	2	29.6	4.33	4.10	3.65	105	26	28
FCT 980067 40302226		EI 940339 JVD 910053	127	86	98	111	93	96	91	118	100	103	96	127	109	88	86	98	90	96	124	98	115	145	128	126	90	80	91	98	111	98	83	581	531	
			99	99	99	98	97	91	99	96	92	96	18	-1.89	-2.8	5	7.4	3.0	50	21.0	172	31	-61	2.80	29.7	-24.2	1.2	19.7	-10	11.7	1.82	-0.21	-1.52	147	151	740
JDB 120026 76004167		LAR 070037 JDB 060037	115	113	108	103	129	142	126	105	138	105	89	115	105	95	113	108	123	105	103	97	112	98	114	127	130	96	116	113	116	76	112	95	84	
			93	95	85	84	69	80	92	69	78	58	8	-0.62	-2.3	15	22.1	6.3	129	29.8	89	29	-57	0.23	21.4	-24.7	-5.9	29.2	9	25.4	2.32	-3.67	0.98	31	15	50
JJF 980063 40737330		HOT 920292 JJF 920034	104	80	91	126	76	70	77	107	75	99	80	108	82	79	80	91	83	92	112	119	113	88	81	88	94	67	114	91	79	115	96	93	74	
			94	94	88	85	72	81	92	66	78	50	-3	0.16	0.8	-9	4.2	0.9	31	17.8	125	82	-58	-0.32	1.7	-2.2	0.6	11.9	8	5.6	-1.40	2.35	-0.38	22	16	73
JRB 150019 81667768		VVB 100359 BBN 080214	88	113	80	101	91	92	103	103	93	105	92	84	107	98	113	80	96	111	104	124	108	100	110	97	100	83	112	112	100	101	113	35	16	
			86	84	68	68	51	68	79	36	62	27	12	2.70	-2.5	19	22.0	-2.4	64	35.1	94	93	-50	0.34	19.0	-7.4	-0.6	21.9	6	24.5	0.69	0.25	1.01	2	4	9
JRB 150051 82007378		BBN 100391 JRB 100125	102	97	105	111	74	88	101	94	87	93	93	103	93	88	97	105	108	98	92	111	97	106	86	70	87	98	113	104	94	100	105	7	7	
			77	78	65	68	45	63	74	32	57	22	14	0.69	-0.7	4	13.2	5.1	93	23.1	49	61	-31	0.65	4.5	8.0	1.8	30.5	7	17.6	0.04	0.09	0.34	5	11	
KBS 190132 89082788		LFR 160001 RCO 160039	82	105	103	98	84	86	98	106	89	105	94	83	87	100	105	103	106	107	104	99	95	118	126	76	88	109	62	73	109	103	115	107	93	
			89	94	69	60	51	71	84	54	68	80	16	2.70	0.1	23	17.4	4.5	88	31.3	96	34	-28	1.34	28.5	4.5	1.6	37.5	-34	-10.1	1.60	0.58	1.19	28		
LAR 110071 73648412		LAR 060224 LAR 080188	76	125	111	82	69	96	123	138	105	129	119	78	91	119	125	111	120	131	129	116	139	112	107	107	45	110	117	132	130	91	71	233	208	
			97	98	94	94	80	86	97	76	84	72	49	3.26	-0.3	50	28.1	7.2	121	52.3	191	74	-101	0.97	16.7	-13.3	9.2	37.6	10	42.1	3.72	-1.30	-2.50	82	47	149
LAR 160453 84774553		ARB 130063 LAR 090231	97	106	141	93	123	135	123	114	134	114	104	97	100	104	106	141	137	111	117	96	128	127	107	122	112	121	90	113	131	97	118	269	231	
			99	99	98	98	98	91	99	98	92	98	29	1.25	-1.6	28	18.2	16.2	163	34.5	143	26	-82	1.83	16.7	-21.5	-2.7	44.7	-11	24.8	3.81	-0.44	1.49	79	52	85
PHR 030036 47483383		RCO 980037 PHR L 0144	96	116	116	107	107	129	128	126	131	129	99	98	88	91	116	116	135	120	127	103	101	80	117	140	91	91	117	118	118	100	108	667	581	
			99	99	99	99	98	91	99	98	92	97	23	1.21	0.0	8	23.3	8.6	159	43.2	180	43	-39	-0.76	23.0	-31.7	1.1	26.2	11	29.7	2.51	0.06	0.64	206	205	762
RRF 060035 63668453		TBR 000717 RRF 960018	90	99	79	101	62	62	84	93	64	93	96	90	92	98	99	79	82	98	94	107	101	111	59	81	68	84	126	104	88	108	107	16	15	
			84	84	74	72	57	70	81	56	67	24	17	1.97	-0.5	19	14.6	-2.6	31	23.5	58	52	-38	0.95	-11.9	1.8	5.0	22.1	17	16.8	-0.47	1.25	0.57	4	4	23
RRF 070043 65725269		JRB 980118 RRF 980056	129	91	63	94	90	78	76	96	79	85	93	126	125	108	91	63	58	96	103	105	111	87	103	95	99	89	105	91	92	103	93	29	21	
			88	87	80	77	60	73	85	55	69	26	13	-1.72	-4.9	34	10.3	-7.6	-28	21.6	91	47	-55	-0.38	14.6	-6.1	-0.4	25.4	1	5.8	-0.16	0.58	-0.69	10	7	45

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 Thickn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling	Nr measured		
ID Comp.nr																																		Birth	Wean	
RRF 080028 67640292		AG 920282 RRF 990067	90	92	96	107	74	71	83	95	73	103	91	98	71	91	92	96	93	89	98	97	103	84	124	70	97	82	88	94	89	123	120	26	24	
			93	93	89	88	87	83	92	88	84	85	11	1.17	2.3	88	94	90	88	93	89	90	15.4	71	30	-41	-0.57	27.4	8.3	-0.1	20.9	-13	8.5	-0.44	3.66	1.62
RRF 110046 74041773	VV 050378 RRF 080008		101	111	97	105	111	117	113	112	117	115	97	101	96	93	111	97	112	111	107	84	102	79	126	115	111	94	118	122	94	92	106	83	59	
			92	93	84	85	66	78	90	67	76	77	20	0.86	-1.0	12	20.7	2.8	101	35.0	107	-3	-39	-0.86	28.4	-17.4	-2.5	28.4	12	33.2	0.13	-1.26	0.46	28	21	52
RRF 120031 75735381	FCT 970024 RRF 080072		136	101	85	103	95	109	106	127	114	124	103	133	126	96	101	85	90	105	129	104	107	113	96	104	100	89	112	111	108	133	117	49	44	
			90	91	80	79	66	76	87	64	74	48	27	-2.49	-5.1	17	15.2	-0.8	48	29.5	190	44	-47	1.03	10.5	-11.4	-0.5	25.1	6	23.3	1.52	5.22	1.39	13	10	25
RRF 120037 75735522	FCT 980067 RRF 040051		102	103	110	93	93	102	105	102	101	105	110	101	105	105	103	110	108	107	104	113	107	92	101	104	96	91	103	105	107	101	95	21	20	
			86	87	76	74	62	72	83	62	70	43	37	0.84	-2.2	30	16.4	6.8	93	31.2	94	67	-47	-0.13	13.3	-11.1	0.1	26.5	0	17.8	1.34	0.28	-0.48	7	5	19
RRF 120046 75866699	FCT 970024 RRF 080031		107	112	106	93	96	115	118	114	115	117	117	105	110	106	112	106	113	110	122	104	118	119	109	94	109	88	135	123	110	126	114	37	34	
			89	90	79	75	64	75	86	66	73	48	46	0.44	-2.9	31	21.5	5.7	105	33.9	161	45	-66	1.37	17.9	-5.4	-2.2	24.8	25	34.2	1.69	4.13	1.10	12	8	28
RRF 120056 75866491	FCT 980067 RRF 040066		77	110	98	93	93	90	99	115	94	107	114	82	82	106	110	98	104	111	119	105	114	130	105	108	87	101	116	110	105	102	97	21	21	
			85	87	72	69	60	71	82	61	69	44	42	2.89	0.9	31	20.2	3.1	83	34.8	151	47	-59	2.00	15.9	-13.9	1.7	32.5	10	22.3	1.23	0.32	-0.27	6	2	8
RRF 150038 83145391	WAT 100145 RRF 060037		113	103	102	93	98	106	105	102	105	106	103	112	113	106	103	102	101	103	100	108	98	116	105	105	106	84	115	110	107	94	95	53	47	
			88	91	72	73	55	72	85	50	68	24	28	-0.25	-3.3	32	16.6	4.3	75	27.5	79	54	-33	1.19	15.5	-11.7	-1.6	22.3	9	22.4	1.37	-0.82	-0.44	12	7	11
RRF 160054 85328391	RRF 120031 RRF 130099		85	109	101	93	92	94	102	122	99	111	108	90	85	106	109	101	106	114	127	122	114	108	115	87	98	103	108	107	95	118	112	6	6	
			76	78	65	65	49	63	74	48	60	30	34	2.06	0.5	32	19.8	4.2	88	37.7	183	88	-59	0.79	21.7	-1.6	-0.2	33.9	3	19.9	0.21	2.93	0.93	1	3	6
RRF 160065 85328508	RRF 120046 RRF 080003		96	116	85	82	104	102	107	124	107	116	121	93	112	122	116	85	92	116	132	132	126	91	110	99	115	94	131	124	106	120	117	5	5	
			75	77	60	61	48	61	72	52	59	34	51	1.76	-3.2	54	23.6	-0.7	54	39.6	199	113	-80	-0.17	18.7	-8.2	-3.2	28.3	21	34.9	1.32	3.29	1.39	2	2	3
RRF 170034 86249281	RRF 120056 RRF 080062		74	125	91	75	97	97	112	135	105	122	129	66	88	132	125	91	99	121	146	90	128	79	119	100	97	102	126	126	110	108	111	7	7	
			76	78	62	61	46	62	73	48	59	24	62	4.55	0.1	69	28.1	0.9	71	43.7	255	11	-83	-0.85	24.3	-9.3	0.0	33.3	18	36.7	1.72	1.34	0.84	2	2	5
RRF 180338 87754180	LAR 110071 RRF 110004		129	96	101	93	83	98	99	104	99	106	104	132	112	107	96	101	93	101	101	108	110	104	98	101	73	103	99	101	108	105	86	15	14	
			81	84	67	66	54	67	78	54	64	42	28	-2.34	-3.2	32	12.8	3.9	57	26.2	83	56	-52	0.55	11.5	-9.4	4.3	33.7	-4	14.2	1.44	0.86	-1.26	1	2	2
RRF 180347 87754222	LAR 110071 RRF 100006		77	113	98	85	74	81	102	125	88	111	115	76	91	117	113	98	101	119	120	114	123	109	92	107	56	99	114	112	108	93	87	36	26	
			86	87	67	63	52	68	80	50	64	39	43	3.50	-0.4	47	22.1	3.0	77	42.4	156	69	-75	0.84	8.1	-13.0	7.2	31.3	8	24.4	1.50	-1.02	-1.13		1	1
RRF 180365 87826962	LAR 110071 RRF 130066		87	136	114	75	91	125	144	134	130	130	128	87	107	129	136	114	126	139	139	134	141	118	112	111	71	112	138	143	124	98	88	52	37	
			88	89	71	72	56	71	83	52	67	45	61	2.36	-2.5	65	34.1	8.0	135	59.4	227	117	-104	1.35	19.7	-15.4	4.7	39.1	27	52.0	3.12	-0.26	-1.03		5	6
RRF 190012 89251912	LAR 110071 RRF 100006		81	118	82	89	76	82	103	129	90	112	108	78	100	112	118	82	95	121	127	119	128	107	83	106	58	102	116	118	112	97	88	9	8	
			79	75	65	63	51	63	72	50	60	39	34	3.28	-1.5	40	24.6	-2.0	61	43.6	183	81	-82	0.71	2.4	-12.4	7.0	33.3	9	29.7	1.87	-0.42	-1.10		1	1

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																																		Grwth Test	Wean	Dght & clvs (Weaned)	
RRF 190026 89251946		LAR 110071 RRF 080033	110 87	113 90	111 69	85 61	86 56	111 70	119 82	119 54	113 67	124 44	111 38	107 0.27	117 -3.8	116 45	113 21.7	111 6.9	111 100	119 42.3	113 129	134 119	115 -61	116 1.23	97 10.7	101 -9.6	78 3.4	103 33.9	112 7	119 30.8	120 2.64	102 0.45	92 -0.71	55	44		
RRF 210002 92443159		RRF 150038 RRF 180349	113 71	109 71	112 53	92 52	111 38	125 55	117 65	106 33	123 51	109 22	102 26	113 -0.43	109 -2.8	107 33	109 19.5	112 7.5	114 107	110 33.6	104 93	116 74	107 -48	102 0.44	114 21.0	110 -14.5	111 -2.6	101 32.7	120 13	117 28.4	108 1.46	94 -0.90	105 0.33	4	2		
RRF 210007 92443068		SYF 150155 RRF 130072	105 73	103 73	105 64	102 63	113 51	116 61	107 70	101 52	113 59	105 54	98 21	110 -0.06	91 -0.4	96 15	103 16.7	105 5.2	110 97	104 28.5	103 92	100 37	89 -19	90 -0.24	106 16.3	123 -22.1	101 -0.8	105 34.7	96 -6	99 12.5	105 1.17	95 -0.73	87 -1.16	1	1		
RRF 210010 92443092		SYF 150155 RRF 080033	130 94	98 93	99 88	100 88	112 87	119 83	105 92	104 87	117 84	107 86	90 10	132 -2.38	113 -3.3	98 19	98 13.9	99 3.3	98 69	106 30.7	100 79	126 99	87 -15	89 -0.30	93 8.4	114 -16.8	105 -1.5	111 38.6	81 -18	89 4.2	111 1.77	100 0.06	93 -0.66	43	36		
RRF 210012 92443118		SYF 150155 RRF 120057	117 75	104 75	77 64	105 63	96 51	100 62	100 71	100 53	99 60	102 54	93 13	115 -0.61	110 -2.9	94 13	104 17.1	77 -3.2	87 42	100 25.2	102 88	67 -44	82 -7	110 0.89	108 17.4	105 -12.2	89 1.4	105 34.9	80 -19	86 1.3	107 53	94 -0.87	86 -1.24	2	2		
RRF 210052 92768159		RRF 180338 RRF 170083	127 79	92 78	99 53	99 50	99 40	103 59	95 70	108 34	104 54	107 26	94 16	139 -3.07	114 -3.4	99 21	92 10.4	99 3.5	92 54	95 20.7	108 109	116 74	116 -63	103 0.46	99 12.1	104 -11.6	95 0.3	103 33.5	113 7	108 20.9	108 1.44	99 -0.04	96 -0.43	18	10		
RRF 220010 94080041		CEF 180505 RRF 180349	118 91	122 91	126 87	88 87	124 86	154 82	142 90	114 86	150 83	136 86	109 36	121 -1.18	108 -2.7	110 37	122 26.6	126 11.7	135 158	124 46.6	109 114	89 10	106 -47	83 -0.63	127 28.7	133 -27.9	98 -0.2	123 45.8	112 6	118 29.7	126 3.29	118 2.88	139 3.28	12	11		
RRF 220018 94100831		CEF 180505 RRF 180352	117 74	118 76	103 58	85 57	95 44	121 59	125 70	118 51	122 57	127 51	116 45	113 -0.34	122 -4.5	116 45	118 24.6	103 4.5	110 97	120 42.9	115 136	84 -2	109 -51	104 0.55	111 19.2	112 -16.1	68 5.0	125 46.7	107 2	116 27.6	126 3.31	111 1.76	114 1.14	5	5		
SYF 150155 81674376		SYF 120090 ADV 080229	123 99	92 99	69 99	129 99	103 98	98 91	90 99	83 98	93 92	86 99	73 -13	125 -1.66	98 -1.3	77 -12	92 10.5	69 -5.7	75 12	90 15.9	84 18	87 5	58 33	88 -0.34	99 99	115 -17.7	95 0.4	100 31.7	50 -43	61 -21.1	96 0.26	88 -1.79	74 -2.27	1022	812		
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	344		
WAT 100145 71689699		WAT 070134 WAT 030074	88 92	101 92	135 83	89 83	97 65	106 78	107 89	86 60	101 74	95 46	112 39	94 1.61	86 0.4	109 35	101 15.4	135 14.3	124 132	104 28.8	83 14	118 78	92 -23	117 1.25	87 4.8	100 -9.3	106 -1.7	86 23.5	112 6	109 21.3	104 1.11	87 -1.98	79 -1.85	15	51		

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																
202401 D11 M KAMEELDORING BONSMARA		0609445BON																	
		KBS 230029	KBS 190132	96	121	106	93	82	123	106	90	107	100	88	107	109	102	111	113
		95658696	KBS 200213	51	68	31	8	-17	1.22	16.1	0.61	104	-36	7	41	1.57	0.41	0.85	
						66	61	69	65	72	16	60	16	19		59	67	60	63

Breeding Values and Accuracies: Bulls

Inbreeding in red is high

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

Animal					Selection Value										Birth			Wean				Growth & Adaptation					Fertility				Frame		Carcass		
ID	Animal no	% Inbreeding	Genomic Parentage	Index	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -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
				EBV Acc																															
RRF 210010	92443092	1	 SYF 150155 RRF 080033	Sire ID Dam ID	130 94	98 93	99 88	100 88	112 87	119 83	105 92	104 87	117 84	107 86	90 10	132 -2.38	113 -3.3	98 19	98 13.9	99 3.3	98 69	106 30.7	100 79	126 99	87 -15	89 -0.3	93 8.4	114 -16.8	105 -1.5	111 38.6	81 -18	89 4	111 1.77	100 0.06	93 -0.66
RRF 220010	94080041	1	 CEF 180505 RRF 180349	Sire ID Dam ID	118 91	122 91	126 87	88 87	124 86	154 82	142 90	114 86	150 83	136 86	109 36	121 -1.18	108 -2.7	110 37	122 26.6	126 11.7	135 158	124 46.6	109 114	89 10	106 -47	83 -0.6	127 28.7	133 -27.9	98 -0.2	123 45.8	112 6	118 30	126 3.29	118 2.88	139 3.28
KBS 230029	95658696	2	KBS 190132 KBS 200213	Sire ID Dam ID	86 66	121 68	95 47	84 46	80 34	96 51	114 61	107 41	97 49	113 63	110 36	84 2.61	102 -1.9	118 48	121 26.2	95 2.0	105 86	117 40.3	107 104	88 7	100 -36	85 -0.5	106 16.1	80 2.5	82 2.7	108 36.4	82 -17	93 8	109 1.57	102 0.41	111 0.85
RRF 230014	95878096	1	CEF 180505 RRF 190081	Sire ID Dam ID	110 69	115 70	90 56	96 55	107 40	117 55	115 65	105 48	116 54	117 47	101 25	105 0.41	115 -3.7	104 28	115 22.8	90 0.8	103 81	116 39.4	104 95	138 129	107 -48	87 -0.4	112 20.0	112 -15.8	95 0.3	114 40.0	103 0	108 20	113 2.01	116 2.55	127 2.22
RRF 230032	96159553	1	CEF 180505 RRF 140012	Sire ID Dam ID	124 72	106 72	115 60	90 57	113 43	129 58	118 68	103 52	126 57	120 50	109 35	124 -1.54	117 -3.9	110 36	106 18.1	115 8.2	112 102	115 38.0	98 73	108 56	91 -23	100 0.3	102 13.9	117 -19.0	99 -0.3	117 42.2	98 -5	103 16	121 2.80	114 2.34	127 2.24
RRF 230046	96159694	1	CEF 180505 RRF 200047	Sire ID Dam ID	114 69	113 70	99 54	92 55	107 40	121 55	118 65	107 48	120 54	118 47	105 30	110 -0.06	126 -5.0	107 33	113 22.1	99 3.3	107 90	116 39.6	106 102	140 132	108 -50	92 -0.1	111 19.6	115 -17.4	93 0.7	113 39.6	107 3	112 24	117 2.39	113 2.12	124 1.97
RRF 230049	96170899	1	CEF 180505 RRF 200040	Sire ID Dam ID	98 69	121 70	96 54	85 55	101 39	114 55	119 65	116 48	116 54	122 47	115 44	97 1.25	107 -2.5	116 46	121 26.2	96 2.6	107 91	122 44.4	117 142	130 109	114 -60	85 -0.5	111 19.6	109 -14.2	85 2.1	118 42.9	113 7	116 27	119 2.63	115 2.40	124 1.93
RRF 240013	97868772	1	CEF 180505 RRF 140012	Sire ID Dam ID	126 72	104 72	115 60	93 57	114 43	130 58	118 68	103 52	127 57	118 50	105 30	125 -1.63	118 -4.0	106 31	104 17.2	115 8.5	114 106	114 37.3	98 73	122 89	93 -26	100 0.3	102 14.0	118 -19.4	99 -0.4	118 42.7	98 -5	102 16	120 2.64	115 2.35	127 2.23
RRF 240023	97982912	2	RRF 210010 RRF 210039	Sire ID Dam ID	109 65	102 67	97 46	94 46	99 35	102 50	100 60	105 32	102 46	104 30	99 23	113 -0.37	100 -1.5	105 30	102 16.2	97 2.8	97 66	111 34.8	104 93	123 90	98 -34	92 -0.1	100 12.8	102 -10.0	93 0.8	112 39.0	94 -8	96 10	102 0.92	101 0.22	94 -0.61
RRF 240025	97982938	2	RRF 210010 RRF 210064	Sire ID Dam ID	122 66	115 68	101 47	79 46	107 35	124 51	121 61	118 32	125 47	121 30	115 43	124 -1.55	116 -3.8	124 58	115 22.9	101 4.1	102 78	119 42.2	117 145	123 91	108 -50	99 0.3	102 13.8	110 -15.0	96 0.2	115 41.0	112 6	116 28	117 2.36	102 0.38	99 -0.13
RRF 240042	98131253	1	RRF 210012 RRF 200219	Sire ID Dam ID	91 64	114 64	81 47	100 47	96 34	96 49	103 59	101 30	96 45	101 28	97 19	92 1.82	91 -0.4	99 21	114 22.3	81 -2.2	96 65	111 34.6	102 88	106 51	96 -29	101 0.4	109 18.2	101 -9.4	90 1.2	108 36.8	95 -7	97 11	103 0.94	98 -0.23	95 -0.46
RRF 250005	99187189	2	RRF 210052 RRF 220048	Sire ID Dam ID	130 64	98 65	107 42	92 37	107 29	117 47	106 57	108 30	117 44	115 28	105 30	130 -2.21	117 -3.9	107 33	98 14.1	107 5.8	100 74	104 28.5	108 110	128 103	112 -57	97 0.1	106 16.6	112 -16.0	97 0.1	112 38.8	112 6	111 23	113 1.96	107 1.21	111 0.89

Breeding Values and Accuracies: Bulls

Inbreeding in red is high

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

Animal				Selection Value											Birth			Wean				Growth & Adaptation					Fertility				Frame		Carcass			
ID	Animal no	% Inbreeding	Genomic Parentage	Index		Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -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
				Sire ID	Dam ID																															
RRF 250006	99187197	1	RRF 210052	RRF 220049		109	105	102	98	100	109	108	112	110	114	99	110	104	101	105	102	106	110	111	128	113	106	107	109	89	110	110	110	114	106	108
						64	65	43	43	31	48	58	32	45	28	22	-0.02	-2.1	23	17.6	4.5	88	34.2	122	103	-58	0.7	17.1	-14.3	1.5	38.0	5	22	2.06	1.03	0.64
																42	70	51	43	65	43	50	48	35	18	27	39	38	34	19	41	37	35	28	29	28
RRF 250014	99287401	2	RRF 210010	RRF 180352		122	105	100	95	94	111	110	114	112	113	100	120	118	104	105	100	102	110	111	99	103	105	101	106	81	113	96	103	116	98	89
						68	69	51	49	38	53	63	36	50	34	23	-1.08	-4.0	28	17.6	3.6	78	33.8	122	33	-42	0.6	13.3	-12.3	2.9	39.7	-6	17	2.23	-0.28	-1.02
																49	73	57	49	69	51	56	54	41	29	30	43	43	40	26	48	42	41	34	35	34
RRF 250019	99287450	2	RRF 220010	RRF 210042		92	129	112	84	109	131	134	122	132	131	114	91	103	116	129	112	125	127	121	93	119	88	110	119	92	113	123	126	120	113	121
						65	65	43	44	31	48	58	32	45	28	43	1.91	-2.0	46	30.3	7.3	135	48.7	159	20	-67	-0.3	18.6	-19.7	0.8	39.9	15	37	2.70	2.14	1.72
																43	71	53	44	65	43	51	48	35	17	26	39	38	34	18	42	38	35	27	28	27
RRF 250026	99356842	4	RRF 210010	RRF 120072		130	71	101	131	101	94	81	90	92	82	67	136	100	74	71	101	86	84	89	122	91	85	85	105	99	104	83	77	90	100	93
						69	70	54	49	38	54	64	36	50	30	-21	-2.80	-1.6	-16	-0.6	4.0	39	10.9	39	90	-23	-0.5	3.7	-12.1	-0.4	34.4	-16	-7	-0.35	0.09	-0.68
																50	74	58	49	70	54	58	55	41	26	28	45	44	39	25	50	44	41	30	30	30
RRF 250027	99356859	1	RRF 210010	RRF 100022		100	100	96	89	99	93	91	109	95	104	99	106	95	112	100	96	91	106	109	106	104	92	90	101	103	95	96	96	104	102	103
						69	70	54	48	37	54	64	36	50	34	22	0.39	-0.9	39	15.1	2.5	52	30.3	113	51	-44	-0.1	6.9	-9.7	-1.1	29.1	-6	10	1.13	0.42	0.18
																49	74	58	48	70	54	57	54	41	24	30	45	44	37	24	50	44	42	34	35	34
RRF 250031	99356891	2	RRF 210010	RRF 160002		122	101	109	96	104	117	110	101	114	101	95	120	117	102	101	109	107	105	101	113	96	91	99	105	102	106	95	97	106	100	94
						68	69	53	49	36	53	63	32	49	30	17	-1.07	-3.9	25	15.3	6.5	91	29.6	83	68	-31	-0.2	12.1	-11.9	-1.0	35.2	-7	11	1.29	0.03	-0.56
																49	73	57	49	69	53	57	55	37	24	27	40	40	37	24	48	39	37	29	30	29
RRF 250032	99356909	3	RRF 210010	RRF 130099		102	106	96	94	97	101	102	105	101	103	100	108	92	106	106	96	99	109	105	115	98	90	104	92	101	104	96	97	99	100	97
						69	70	55	50	40	55	65	37	51	32	24	0.15	-0.6	30	18.3	2.6	72	33.2	100	71	-33	-0.2	15.4	-4.4	-0.8	34.3	-6	11	0.54	0.00	-0.34
																50	73	58	50	70	55	58	56	43	28	30	46	46	41	28	50	45	43	32	33	32
RRF 250036	99493744	1	RRF 220010	RRF 150096		112	108	99	93	111	117	110	103	115	112	104	111	111	106	108	99	103	111	100	97	98	77	108	119	101	107	97	98	108	108	121
						67	67	50	46	33	51	61	32	47	28	29	-0.20	-3.0	31	19.3	3.4	81	34.8	80	30	-34	-1.0	17.5	-20.0	-0.8	36.3	-5	12	1.53	1.30	1.74
																46	72	55	46	67	50	54	52	36	16	26	40	39	35	20	44	39	36	27	28	27
RRF 250037	99493751	1	RRF 220010	RRF 210081		95	125	110	85	110	129	129	116	129	124	115	98	98	116	125	110	121	126	115	108	115	99	115	120	92	116	119	120	118	108	116
						64	65	44	45	29	48	58	30	44	28	44	1.16	-1.3	45	28.3	6.7	125	48.3	135	55	-62	0.3	21.5	-20.8	0.9	41.4	12	32	2.52	1.39	1.29
																44	70	51	45	65	44	51	45	33	16	25	37	36	30	18	40	35	34	27	28	27
RRF 250038	99493769	2	RRF 210010	RRF 160046		101	117	100	85	103	114	116	117	116	119	112	101	108	117	117	100	106	115	119	105	106	92	102	98	107	104	113	114	114	109	105
						68	69	52	48	37	53	63	35	49	30	39	0.86	-2.6	47	24.0	3.6	87	38.6	151	48	-46	-0.1	14.1	-8.1	-1.8	34.2	7	26	2.10	1.54	0.37
																49	73	57	48	69	52	56	54	40	25	28	45	44	38	24	48	43	41	30	30	30
RRF 250040	99493785	3	RRF 210010	RRF 120069		135	91	98	102	102	109	99	97	106	94	88	131	129	96	91	98	92	96	97	123	96	91	99	106	99	103	94	92	101	99	94
						69	71	55	50	37	54	65	34	50	28	7	-2.23	-5.4	16	10.1	3.2	54	21.7	70	90	-31	-0.1	12.2	-12.4	-0.4	33.7	-8	7	0.78	-0.10	-0.57
																50	74	59	50	71	55	59	56	38	25	27	42	41	38	24	49	41	38	28	29	28
RRF 250041	99493793	2	RRF 210010	RRF 220009		129	101	94	92	111	115	103	108	115	109	100	129	119	107	101	94	92	109	107	128	101	86	101	115	100	113	95	98	109	107	108
						66	68	48	47	35	51	61	38	48	36	24	-2.06	-4.1	33	15.4	1.9	54	32.9	105	102	-38	-0.4	13.4	-17.4	-0.6	39.9	-7	12	1.63	1.23	0.64
																42	72	55	47	68	48	54	52	40	23	33	43	43	39	21	45	42	41	35	36	35

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 Thickn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
RRF 250049 99561680	1	RRF 210010 RRF 140048			120 68	98 70	98 54	91 49	113 38	111 54	97 64	99 36	108 50	102 32	101 25 50	124 -1.52 73	108 -2.7 58	109 36 49	98 14.0 70	98 3.0 54	92 54 58	104 28.4 55	97 67 41	119 81 26	91 -21 29	91 -0.2 45	91 7.7 44	112 -16.0 39	111 -2.5 24	104 34.3 50	97 -6 43	95 9 41	106 1.29 31	100 0.07 33	100 -0.08 31
RRF 250053 99561722	3	RRF 220018 RRF 190019			117 65	114 65	86 46	87 46	100 32	112 49	112 59	107 32	111 46	112 28	110 37 45	114 -0.47 70	121 -4.3 53	115 44 46	114 22.6 65	86 -0.5 46	94 59 52	111 34.5 51	106 102 36	92 16 16	106 -46 26	103 0.5 39	109 18.3 39	108 -13.5 35	90 1.3 19	109 37.1 43	109 4 38	109 22 36	110 1.68 27	104 0.63 29	108 0.65 27
RRF 250055 99689838	2	RRF 220010 RRF 150081			125 67	94 67	121 51	121 47	124 35	137 51	118 62	94 34	130 48	104 32	82 0 47	122 -1.34 72	112 -3.2 56	81 -5 47	94 12.0 67	121 10.1 51	126 136 55	98 23.0 52	91 46 39	95 24 17	96 -31 29	82 -0.7 42	124 27.3 41	128 -24.9 37	108 -1.9 22	114 40.1 46	100 -3 41	98 12 39	103 1.03 31	107 1.15 33	123 1.92 31
RRF 250058 99689861	2	RRF 210052 RRF 190077			114 64	100 65	100 44	104 44	89 30	102 48	104 58	106 22	102 43	105 16	95 17 44	117 -0.84 70	99 -1.4 52	94 13 44	100 14.8 65	100 3.7 44	103 81 51	101 26.2 49	106 102 27	110 60 17	109 -51 15	104 0.5 31	95 9.7 30	90 -3.1 30	90 1.2 18	106 35.4 41	113 7 29	108 21 27	102 0.91 16	104 0.66 17	99 -0.12 16
RRF 250059 99842650	2	RRF 210052 RRF 200031			120 64	88 65	97 44	100 43	106 29	98 48	87 58	105 24	99 43	100 18	94 16 43	125 -1.63 70	101 -1.7 51	99 20 43	88 8.6 65	97 2.9 44	87 42 51	96 21.3 46	106 102 30	128 102 17	110 -53 16	101 0.4 35	98 11.6 34	104 -11.5 30	104 -1.3 18	106 35.7 40	107 3 33	100 13 30	98 0.49 17	104 0.75 18	102 0.11 17
RRF 250060 99842668	5	RRF 220010 RRF 160061			119 66	110 67	120 50	91 47	116 34	135 51	124 61	108 34	132 48	122 33	107 33 47	119 -0.97 71	113 -3.3 55	107 33 47	110 20.1 67	120 9.8 50	121 124 55	110 33.7 52	106 103 37	93 18 18	106 -46 28	84 -0.6 40	120 24.9 40	121 -21.0 36	103 -1.1 22	111 38.6 45	120 13 39	122 33 38	113 1.95 32	107 1.17 34	123 1.88 33
RRF 250160 98844459	3	RRF 210010 RRF 170024			102 66	102 58	90 50	95 48	107 36	100 49	94 56	101 34	99 46	98 30	100 24 49	108 0.18 71	93 -0.6 56	105 29 48	102 16.1 58	90 0.7 50	91 53 52	107 31.4 54	100 80 38	123 92 25	96 -30 27	101 0.4 42	92 8.2 41	109 -14.4 37	102 -0.9 24	109 37.3 48	96 -6 40	94 9 38	102 0.84 29	100 0.06 30	95 -0.52 29
RRF 250162 98970205	1	RRF 210002 RRF 170079			102 64	106 52	114 45	90 45	98 32	110 45	110 52	102 28	108 42	105 20	109 35 45	106 0.37 69	98 -1.3 52	109 35 45	106 18.3 52	114 8.2 45	113 104 47	106 30.7 52	103 91 41	105 48 19	107 -47 20	103 0.5 39	108 17.9 38	92 -4.7 32	107 -1.8 21	97 30.3 44	120 13 37	114 26 34	104 1.12 19	104 0.62 20	106 0.46 19
RRF 260003 6020870074	3	LAR 160453 RRF 210042			105 69	107 61	118 55	90 57	108 40	119 52	114 61	120 48	121 51	116 47	107 33 56	104 0.56 73	109 -2.8 62	109 35 57	107 18.6 61	118 9.1 55	116 111 58	110 33.5 58	124 168 52	98 31 17	128 -83 44	110 0.9 55	98 11.8 55	114 -17.1 47	100 -0.5 23	111 38.5 51	110 5 54	121 32 52	119 2.61 46	103 0.50 48	110 0.80 46
RRF 260012 6020894009	1	LAR 160453 RRF 170083			104 71	104 62	121 60	97 59	118 42	124 54	113 63	111 50	123 53	110 48	97 19 59	106 0.39 74	98 -1.3 64	101 23 59	104 17.0 62	121 10.1 60	121 124 60	105 29.8 62	115 135 53	87 5 17	122 -72 45	114 1.1 57	102 14.0 56	115 -17.4 48	115 -3.2 25	109 37.3 54	107 2 56	113 25 54	118 2.50 48	95 -0.68 49	112 0.94 48

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
RRF 090010 70013966	1	JJF 980063 RRF 060081		91 84	98 80	110 85	94 78	77 54	83 70	95 81	105 43	85 65	101 26	104 28	94 1.60	90 -0.2	104 28	98 14.0	110 6.9	105 85	99 24.0	111 121	78 -18	113 -58	103 0.5	84 3.4	78 3.6	93 0.7	82 21.0	128 19	109 22	92 -0.10	108 1.31	94 -0.59
RRF 100006 72017833	8	RRF 060035 RRF 980004		82 85	104 82	70 86	94 76	79 52	65 70	80 82	104 44	69 65	91 26	103 27	81 2.99	96 -1.1	107 33	104 17.1	70 -5.4	75 14	107 31.1	104 95	100 35	102 -40	101 0.4	67 -7.0	97 -7.1	79 3.2	88 24.9	112 6	98 12	87 -0.61	101 0.14	107 0.52
RRF 100022 72017957		CEF 050392 RRF 070012		75 82	112 76	88 83	70 74	83 50	72 67	92 78	117 48	79 63	104 42	122 52	84 2.70	91 -0.3	139 79	112 21.1	88 -0.1	84 34	111 34.6	122 161	82 -7	122 -73	97 0.1	91 7.2	86 -1.0	101 -0.7	76 17.3	116 10	108 21	101 0.74	105 0.77	113 1.04
RRF 120026 75735332		FCT 980067 RRF 050093		98 82	97 80	92 84	98 76	95 58	87 70	88 81	107 53	90 67	94 44	102 26	103 0.61	87 0.1	101 24	97 13.6	92 1.3	90 50	97 22.3	113 130	100 35	108 -50	114 1.1	119 24.2	112 -16.1	103 -1.1	79 19.0	99 -4	98 12	97 0.39	100 0.00	96 -0.38
RRF 120042 75866657		FCT 980067 RRF 060053		119 84	98 80	92 84	92 80	101 60	101 71	95 81	102 52	100 67	89 44	103 27	118 -0.87	116 -3.7	108 34	98 14.1	92 1.3	88 44	99 24.4	106 101	99 34	104 -44	110 0.9	115 22.0	113 -16.3	101 -0.7	95 29.1	92 -9	92 7	97 0.43	100 0.03	87 -1.13
RRF 120069 76210988		RRF 070043 RRF 990052		126 83	88 81	97 85	100 77	90 51	92 70	89 82	90 37	90 63	78 16	90 10	127 -1.82	144 -7.6	99 20	88 8.3	97 2.9	87 41	89 14.9	96 62	118 80	106 -47	94 0.0	106 16.3	98 -7.9	94 0.6	92 26.8	108 3	96 10	89 -0.40	98 -0.26	95 -0.50
RRF 120072 76211010	1	RRF 070043 RRF 080030		108 82	95 79	90 82	102 77	82 54	83 69	89 80	91 44	82 64	81 26	91 12	109 -0.01	99 -1.5	96 16	95 12.0	90 0.7	88 44	96 21.0	94 58	102 41	104 -43	85 -0.5	90 7.1	86 -0.9	91 1.0	94 28.0	107 2	93 8	89 -0.43	100 0.06	94 -0.55
RRF 130052 78253432	1	THE 060036 RRF 060042		78 80	108 79	86 81	96 78	75 55	75 69	92 79	109 44	79 64	93 31	100 24	83 2.75	80 1.1	104 27	108 19.4	86 -0.5	94 59	112 35.6	114 132	127 101	109 -51	88 -0.4	118 23.5	80 2.4	88 1.6	87 24.3	115 8	106 19	78 -1.49	99 -0.08	102 0.15
RRF 130066 78861341	1	PHR 030036 RRF 080088		108 84	112 81	114 83	92 81	119 60	132 72	121 82	118 54	131 68	110 52	100 23	109 0.05	106 -2.4	106 31	112 21.6	114 7.9	119 120	117 40.2	125 174	121 87	121 -71	107 0.7	115 21.7	128 -25.0	111 -2.6	101 32.7	128 19	121 32	102 0.89	104 0.61	102 0.14
RRF 130072 78861432	1	PHR 030036 RRF 040052		76 83	117 80	142 84	89 79	120 59	134 71	129 81	118 52	133 67	119 46	117 47	82 2.85	79 1.3	108 34	117 24.3	142 16.7	146 184	118 41.3	122 162	119 83	117 -65	91 -0.2	112 19.8	131 -27.0	108 -2.0	100 32.1	142 30	134 44	111 1.73	102 0.35	100 -0.07
RRF 130073 78861408	1	PHR 030036 RRF 040051		68 82	117 80	109 82	96 77	109 59	109 70	111 80	107 53	108 67	113 46	107 33	72 3.88	58 4.1	102 25	117 24.1	109 6.4	122 126	118 40.8	109 115	103 44	105 -45	74 -1.1	97 11.3	126 -23.9	99 -0.4	96 29.2	128 19	120 31	107 1.41	102 0.42	105 0.34
RRF 130099 78861507	3	THE 060036 RRF 080047		69 83	108 81	99 85	92 78	80 58	77 71	92 82	104 50	80 67	93 37	104 28	77 3.37	66 3.0	107 32	108 19.2	99 3.3	102 79	109 32.7	109 115	105 48	108 -49	91 -0.2	115 21.7	71 7.5	97 -0.1	94 28.0	108 4	102 15	81 -1.19	99 -0.04	100 -0.05

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
RRF 130100 78861820		THE 060036 RRF 990054		97 83	92 81	94 84	110 77	91 56	83 70	86 81	99 43	84 65	82 31	87 6	98 1.15	91 -0.3	89 6	92 10.5	94 1.8	92 54	93 18.5	104 96	102 40	110 -53	89 -0.3	101 13.4	93 -5.1	102 -0.8	86 23.6	114 8	100 14	71 -2.20	94 -0.83	92 -0.71
RRF 130101 78861754	4	THE 060036 RRF 080021		109 82	93 80	91 83	106 77	75 57	79 70	89 80	93 47	80 65	82 37	94 16	109 0.02	101 -1.7	92 11	93 11.0	91 0.9	89 46	93 18.9	96 65	113 66	100 -36	91 -0.2	99 12.3	72 7.0	93 0.7	88 24.7	104 0	92 7	75 -1.82	97 -0.48	96 -0.43
RRF 140006 80895147		BBM 100050 RRF 100073		116 80	85 78	118 80	121 77	107 50	110 67	100 78	97 40	108 62	92 34	80 -4	117 -0.79	97 -1.2	82 -5	85 6.7	118 9.1	112 102	89 15.2	98 71	117 78	98 -34	106 0.7	91 7.3	111 -15.1	106 -1.6	100 31.6	112 7	100 13	95 0.22	101 0.26	110 0.77
RRF 140012 80895204	1	BBM 100050 RRF 080033		127 82	74 80	126 83	122 76	116 54	114 69	93 80	90 50	109 65	92 42	78 -6	141 -3.33	114 -3.5	81 -6	74 0.8	126 11.7	109 95	88 14.2	85 22	123 91	81 -5	112 1.0	87 5.2	111 -15.5	117 -3.7	104 34.3	87 -13	83 -2	98 0.47	104 0.61	109 0.73
RRF 140048 80895485		BBM 100050 RRF 040027		113 82	80 79	104 82	96 77	115 52	93 69	75 80	87 45	90 64	81 34	95 16	119 -1.05	96 -1.1	103 26	80 4.3	104 5.0	84 34	90 15.7	86 27	119 81	90 -21	91 -0.2	84 3.2	116 -18.3	118 -3.7	93 27.6	103 -1	87 2	88 -0.54	101 0.14	105 0.40
RRF 140061 80895618	13	RRF 080028 RRF 080018		119 81	93 78	66 81	124 75	98 52	91 68	88 79	87 45	88 63	86 32	81 -2	116 -0.68	109 -2.8	82 -5	93 11.4	66 -6.7	71 4	86 12.2	93 51	83 -5	99 -34	73 -1.2	107 16.8	88 -2.5	113 -2.9	93 27.9	91 -10	86 2	83 -1.06	111 1.72	106 0.49
RRF 150052 83144535		WAT 100145 RRF 060074		94 80	105 78	95 79	100 74	106 50	102 67	100 78	98 38	100 61	98 24	98 21	96 1.42	92 -0.5	99 20	105 17.7	95 2.0	101 75	104 28.2	98 72	94 21	97 -31	94 0.0	77 -0.7	111 -15.3	110 -2.3	94 28.3	123 15	117 29	99 0.55	95 -0.69	97 -0.33
RRF 150054 83142448	1	RRF 110046 RRF 110048		96 80	105 78	106 80	90 76	132 51	119 67	101 78	111 46	119 63	106 44	108 34	102 0.77	91 -0.4	109 36	105 17.5	106 5.7	105 84	105 29.3	111 122	93 19	107 -48	96 0.1	106 16.4	137 -30.1	124 -4.9	98 30.6	121 14	116 28	92 -0.10	110 1.65	108 0.60
RRF 150068 83144493		WAT 100145 RRF 050049		76 80	107 78	139 81	85 76	87 50	101 67	112 79	93 41	99 62	96 24	116 45	83 2.71	79 1.2	114 43	107 18.7	139 15.6	130 145	108 32.1	93 53	133 115	109 -52	107 0.7	96 10.7	81 1.7	101 -0.7	91 26.7	126 18	118 29	99 0.56	97 -0.35	89 -1.00
RRF 150081 83142414		BBM 100050 RRF 110007		132 81	74 79	107 81	140 76	121 53	116 68	94 79	77 48	108 64	77 40	66 -22	139 -3.12	139 -6.8	63 -33	74 1.1	107 5.9	104 83	75 76	78 79	97 81	87 79	82 79	126 62	120 56	117 35	102 68	94 61	85 57	85 -0.81	96 -0.59	108 0.59
RRF 150096 83142679	1	RRF 120037 RRF 060086		110 80	95 78	70 80	97 73	97 49	81 67	80 78	95 40	81 62	89 22	101 25	106 0.38	116 -3.8	104 28	95 12.5	70 -5.5	69 -2	98 23.3	94 58	102 42	91 -22	71 -1.3	92 7.9	104 -11.1	104 -1.2	89 25.0	87 -14	84 -1	91 -0.20	98 -0.29	103 0.21
RRF 150099 83142703	2	RRF 110046 RRF 120084		101 79	96 78	117 79	110 74	97 49	105 66	104 78	99 42	104 61	105 40	91 12	106 0.32	82 0.9	88 4	96 12.6	117 8.9	119 118	100 25.2	97 66	95 24	95 -28	89 -0.3	130 30.6	96 -6.7	103 -1.1	98 30.4	107 3	109 22	90 -0.34	103 0.46	111 0.86

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																															
RRF 160002				120	97	120	94	94	112	110	97	109	93	98	115	124	104	97	120	112	100	101	101	105	93	104	96	100	96	108	103	99	100	95
85327898				80	77	79	75	49	66	77	36	60	24	21	-0.63	-4.9	28	13.4	9.8	102	24.7	83	39	-45	0.0	15.3	-7.0	-0.5	29.7	3	16	0.63	0.00	-0.48
														76	81	77	75	77	79	77	76	44	25	26	51	49	50	32	64	48	44	23	24	23
RRF 160018				91	115	95	82	116	111	108	109	111	104	119	94	100	121	115	95	99	117	116	146	123	100	102	115	119	94	137	123	102	115	105
85328045	1			80	77	79	73	49	66	77	40	61	26	49	1.63	-1.6	53	23.2	2.2	71	40.0	138	148	-75	0.3	14.0	-17.9	-4.0	28.5	26	34	0.89	2.39	0.38
														75	81	76	73	77	79	76	74	48	29	29	55	54	51	31	65	53	49	25	26	25
RRF 160053				98	107	87	90	98	95	96	107	96	102	107	102	98	112	107	87	90	108	107	88	103	94	121	103	98	101	106	108	96	96	97
85328383	2			79	77	78	76	51	67	77	42	62	44	32	0.79	-1.3	39	18.9	-0.4	49	31.8	105	8	-41	0.0	25.3	-10.8	-0.2	32.4	1	20	0.24	-0.62	-0.34
														76	80	77	76	77	78	77	74	51	25	32	56	55	54	35	65	54	52	43	46	43
RRF 160059				97	114	90	87	97	102	106	109	103	106	118	98	103	114	114	90	97	112	115	106	118	108	105	89	108	99	125	115	99	122	111
85328441	1			80	77	79	75	49	66	77	40	61	26	48	1.16	-2.0	43	22.5	0.7	67	35.5	137	50	-66	0.7	15.9	-2.9	-2.0	30.9	17	27	0.53	3.53	0.88
														76	81	77	75	77	79	77	74	47	32	31	53	52	52	32	64	51	48	25	26	25
RRF 160061				96	109	116	92	106	115	114	104	113	108	108	93	107	107	109	116	117	104	105	95	106	86	115	108	107	98	130	127	99	96	106
85328466	1			80	78	79	75	52	67	78	44	62	44	34	1.75	-2.6	32	19.6	8.6	115	28.5	98	23	-47	-0.5	21.7	-13.5	-1.9	30.5	21	38	0.60	-0.54	0.48
														75	81	77	75	78	79	77	76	53	29	34	58	57	53	36	67	56	53	43	46	43
RRF 160070				112	103	91	104	83	96	103	107	98	104	102	112	106	95	103	91	98	102	111	93	102	102	90	89	93	88	106	103	92	117	100
85328557	1			79	74	75	75	52	65	75	42	60	34	26	-0.26	-2.4	15	16.5	1.0	68	26.9	122	19	-40	0.4	7.1	-3.0	0.7	24.5	2	16	-0.08	2.67	-0.02
														75	80	77	75	74	75	75	73	48	34	33	53	52	54	36	65	51	49	33	34	33
RRF 160076				125	98	77	111	82	92	96	108	94	100	93	125	112	89	98	77	83	100	111	104	105	99	92	88	84	101	108	100	97	116	105
85328615	2			79	76	77	74	50	66	76	39	61	28	14	-1.60	-3.1	6	13.7	-3.4	31	25.1	120	45	-44	0.3	8.2	-2.1	2.3	32.6	3	14	0.34	2.64	0.41
														74	80	76	74	76	77	76	73	48	28	27	55	53	53	32	64	52	48	27	28	27
RRF 170013				102	122	121	91	108	136	135	130	138	131	117	102	103	107	122	121	133	121	133	112	115	112	108	112	105	100	137	134	118	119	109
86249364	1			79	76	77	74	50	66	76	42	61	34	46	0.75	-2.0	33	26.5	10.3	153	44.0	203	64	-61	1.0	17.7	-16.1	-1.5	31.9	26	44	2.45	3.10	0.71
														74	80	76	74	76	77	76	74	49	27	32	54	53	53	34	64	52	49	33	34	33
RRF 170016				114	110	105	103	109	126	120	104	123	101	90	114	106	95	110	105	117	107	106	109	109	91	118	110	112	95	116	113	103	90	112
87036398				78	76	76	75	51	66	76	40	61	30	10	-0.51	-2.3	15	20.4	5.2	113	31.7	104	58	-52	-0.2	23.5	-15.0	-2.7	28.6	10	25	1.01	-1.51	0.97
														75	80	76	75	76	76	76	76	52	22	27	58	56	53	34	66	56	52	29	30	29
RRF 170024				75	106	82	90	100	79	83	98	80	90	110	83	75	111	106	82	85	108	100	120	105	112	92	105	99	100	111	100	92	100	96
86249448	1			77	75	75	74	48	64	75	38	59	24	37	2.72	1.7	39	18.2	-1.8	37	32.0	80	85	-45	1.0	7.9	-11.9	-0.3	31.6	5	13	-0.08	0.06	-0.38
														74	79	75	74	75	75	75	72	48	29	25	55	54	50	32	62	52	48	24	25	24
RRF 170050				91	104	101	103	79	89	102	98	89	91	97	91	91	95	104	101	108	100	101	91	101	95	94	91	77	101	107	96	91	101	101
86249638	1			75	75	73	73	49	64	74	41	59	32	20	1.87	-0.3	14	16.9	4.1	92	25.3	85	15	-38	0.0	9.3	-4.0	3.5	32.4	2	11	-0.17	0.28	0.01
														73	77	72	73	75	73	74	72	47	33	33	53	52	51	35	61	51	47	31	32	31
RRF 170079				72	113	119	88	85	96	110	97	95	101	115	78	77	111	113	119	121	110	103	94	106	104	103	75	103	93	120	111	101	113	108
86249893	7			77	75	72	73	50	64	75	44	60	32	44	3.25	1.5	38	22.1	9.4	125	34.2	89	21	-47	0.6	14.7	5.1	-1.1	27.5	13	23	0.77	2.13	0.58
														74	79	74	73	75	72	73	72	51	36	35	57	56	52	36	63	55	51	32	33	32

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
RRF 170083 86434990	1	JDB 120026 RRF 090010		115 81	99 78	100 78	101 74	112 51	113 67	102 78	109 43	113 62	106 32	90 10	119 -1.06	99 -1.4	97 18	99 14.5	100 3.8	101 76	98 23.4	113 128	79 -16	115 -62	100 0.3	97 11.2	107 -13.2	117 -3.6	97 29.9	124 16	113 25	105 1.19	94 -0.93	105 0.39
RRF 180201 86805801	1	JDB 120026 RRF 110091		92 78	120 76	99 77	91 74	113 47	120 65	118 76	107 42	118 60	102 30	98 21	94 1.59	97 -1.1	109 35	120 25.6	99 3.3	112 103	111 34.5	108 108	106 50	117 -64	98 0.2	110 18.6	110 -14.7	120 -4.1	93 27.3	118 11	113 25	104 1.04	97 -0.37	110 0.83
RRF 180326 87700415	3	JDB 120026 RRF 080018		119 80	98 78	96 78	115 76	131 52	126 67	106 78	92 45	120 63	84 36	81 -2	115 -0.61	113 -3.3	86 1	98 13.7	96 2.6	103 80	95 20.4	95 59	109 57	107 -48	86 -0.4	103 14.7	124 -22.8	131 -6.0	104 34.1	108 3	98 12	93 -0.05	88 -1.86	103 0.19
RRF 180349 87700548	3	JDB 120026 RRF 150105		111 77	116 76	121 74	100 74	122 48	145 65	134 75	108 41	141 60	110 35	90 11	111 -0.19	104 -2.1	97 18	116 23.4	121 10.2	135 158	111 34.8	104 95	96 27	110 -54	88 -0.4	120 24.8	115 -17.5	117 -3.5	112 39.1	122 15	119 31	107 1.36	93 -0.98	114 1.09
RRF 180352 87754107	1	LAR 110071 RRF 120057		121 78	107 76	100 74	91 75	74 55	101 66	112 76	123 47	105 62	115 42	108 34	117 -0.75	126 -5.1	109 35	107 18.6	100 3.8	102 77	109 33.4	122 162	72 -31	118 -67	121 1.5	108 17.7	98 -8.1	56 7.2	112 39.0	110 5	116 28	117 2.37	96 -0.60	84 -1.41
RRF 190019 89246599	4	RRF 150038 RRF 100016		116 77	100 75	75 71	95 72	104 45	95 63	90 74	94 36	93 58	91 24	95 17	114 -0.49	114 -3.5	105 30	100 15.1	75 -4.0	77 17	95 20.7	95 60	101 39	101 -38	101 0.4	106 16.2	104 -11.6	111 -2.5	91 26.2	109 4	98 12	88 -0.49	97 -0.48	102 0.11
RRF 190046 89483374	1	RRF 150038 RRF 160044		117 73	99 71	98 63	97 70	100 43	105 59	101 70	96 34	103 54	98 20	102 26	113 -0.40	118 -4.0	102 25	99 14.4	98 3.2	96 65	99 24.0	98 71	100 35	102 -39	101 0.4	111 19.3	108 -13.5	102 -0.9	91 26.6	112 6	107 20	99 0.57	97 -0.37	98 -0.19
RRF 190077 89707830		JRB 150051 RRF 160070		88 73	110 71	101 69	110 73	77 42	95 60	112 71	103 26	96 53	100 20	97 19	91 1.92	80 1.1	89 5	110 20.4	101 4.1	118 117	109 33.3	104 95	104 45	101 -39	105 0.6	91 7.2	75 5.4	85 2.2	104 34.0	113 8	108 21	95 0.16	108 1.38	103 0.17
RRF 200027 90898669	9	RRF 160065 RRF 120025		95 73	110 71	67 64	86 69	102 43	87 59	89 70	117 36	91 54	108 28	115 43	97 1.34	102 -1.8	117 47	110 20.4	67 -6.3	75 13	111 35.0	121 159	127 100	117 -64	91 -0.2	92 8.2	105 -12.1	106 -1.7	96 29.2	121 14	111 23	98 0.53	128 4.53	116 1.31
RRF 200031 90900010	1	RRF 160054 RRF 140048		102 73	88 72	95 69	99 70	110 42	89 60	78 71	103 34	90 55	90 23	95 17	108 0.12	87 0.1	99 21	88 8.3	95 2.1	84 36	98 23.6	105 97	139 130	104 -43	99 0.3	98 11.4	104 -11.3	113 -2.8	104 34.4	102 47	92 46	86 -0.69	109 1.55	108 0.63
RRF 200040 91128074	1	RRF 170034 RRF 120072		79 72	118 72	85 65	86 70	88 41	88 59	102 70	115 32	92 54	104 18	113 41	82 2.89	91 -0.4	116 46	118 24.5	85 -1.0	95 62	113 36.5	122 164	97 29	118 -67	83 -0.6	107 16.8	90 -3.5	90 1.3	106 35.2	119 12	113 25	102 0.85	104 0.69	103 0.16
RRF 200041 91128082	1	RRF 170034 RRF 130066		89 74	120 72	101 69	82 71	114 44	117 61	116 71	128 36	121 56	116 28	114 42	91 1.91	100 -1.5	120 52	120 25.6	101 4.0	108 91	120 42.4	138 222	105 48	126 -79	93 0.0	119 24.0	117 -18.8	108 -2.0	107 36.2	130 21	127 38	106 1.29	106 0.98	106 0.49

Breeding Values and Accuracies: Cows & Heifers

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass		
ID Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -brth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thickn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
			Sire ID Dam ID																															
RRF 200043 91128108		RRF 160054 RRF 100072		106 72	89 71	104 66	109 70	88 38	88 59	90 70	97 29	88 53	88 16	86 4 69	107 0.23 75	96 -1.1 68	90 7 70	89 9.0 71	104 4.8 66	98 69	95 20.6 62	99 74 38	114 69 18	93 -26 16	108 0.8 48	101 13.4 45	90 -3.2 42	93 0.7 20	96 29.7 52	94 -8 44	87 3 39	83 -1.02 16	107 1.13 17	104 0.26 16
RRF 200047 91128140	1	JRB 150019 RRF 160002		118 73	100 71	87 66	98 70	100 42	101 60	97 70	99 26	100 53	96 18	94 15 69	117 -0.80 76	134 -6.2 70	101 23 70	100 14.8 71	87 -0.2 66	88 45 69	100 25.0 66	102 86 34	113 67 15	106 -47 16	97 0.1 40	107 16.8 39	101 -9.7 45	105 -1.5 24	94 28.3 56	109 4 38	106 19 35	97 0.42 17	101 0.14 18	104 0.25 17
RRF 210011 92443100	1	SYF 150155 RRF 120066		115 76	97 75	86 72	96 73	113 51	102 64	91 74	100 50	101 61	89 49	94 16 71	114 -0.47 78	112 -3.2 73	104 28 73	97 13.6 75	86 -0.6 72	84 34 73	96 21.4 69	105 96 57	94 22 35	93 -25 42	84 -0.5 60	104 15.4 59	122 -21.4 58	104 -1.3 32	103 33.7 62	86 -15 59	85 0 57	92 -0.12 49	96 -0.56 49	89 -1.01 49
RRF 210013 92443126	1	SYF 150155 RRF 110005		119 73	98 74	88 68	111 73	102 51	105 63	99 73	94 54	102 61	88 54	89 8 69	121 -1.20 76	100 -1.6 71	89 6 73	98 14.0 74	88 0.0 68	93 58 72	96 21.2 69	96 64 58	98 30 40	83 -9 48	93 -0.1 61	89 5.9 60	107 -13.3 59	100 -0.6 34	98 30.8 61	82 -18 60	84 -1 58	92 -0.11 53	104 0.76 54	89 -1.02 53
RRF 210014 92443134	1	RRF 150038 RRF 150081		136 74	87 71	96 62	119 52	122 44	120 58	99 68	89 36	115 54	89 24	84 1 52	134 -2.53 77	135 -6.3 64	84 -2 52	87 8.1 61	96 2.4 62	92 55 62	88 13.8 66	89 36 47	104 46 17	93 -25 21	99 0.3 54	115 21.7 52	127 -24.3 47	120 -4.0 26	93 27.4 58	104 0 51	97 11 47	94 0.06 22	95 -0.70 25	101 0.06 23
RRF 210028 92511534	1	RRF 180338 RRF 140006		123 69	94 70	114 60	95 68	95 41	107 57	103 68	104 34	107 52	101 27	101 25 65	125 -1.67 73	109 -2.8 65	103 26 68	94 11.8 70	114 8.1 60	105 85 66	100 25.4 62	103 89 41	132 114 25	109 -51 24	106 0.7 48	97 11.3 46	103 -10.7 46	89 1.5 24	104 34.3 53	110 5 45	105 18 42	103 0.98 26	103 0.55 28	98 -0.24 26
RRF 210035 92511609	1	SYF 150155 RRF 070019		113 75	95 74	90 69	110 73	98 51	97 63	93 73	87 52	93 61	85 49	84 2 72	118 -0.87 77	90 -0.3 72	89 6 73	95 12.1 74	90 0.6 69	92 53 72	92 18.3 70	89 37 57	101 37 35	85 -11 44	87 -0.4 60	100 12.9 60	105 -11.8 59	96 0.2 31	97 30.3 62	86 -14 59	82 -2 57	90 -0.35 49	100 0.02 49	87 -1.13 49
RRF 210042 92599216	1	RRF 180365 RRF 090004		92 75	117 72	97 62	87 69	93 43	104 60	113 70	126 37	109 55	117 24	110 37 66	89 2.08 77	107 -2.6 70	114 42 69	117 24.3 72	97 2.7 62	106 87 68	116 39.3 64	130 194 46	101 37 27	129 -84 25	93 -0.1 55	90 6.9 53	106 -12.6 48	87 1.8 26	101 32.3 56	130 21 51	128 39 47	107 1.41 23	109 1.43 24	102 0.11 23
RRF 210057 92768183	1	RRF 180365 RRF 090010		79 72	127 72	112 62	78 68	83 43	107 59	127 70	124 34	111 54	119 26	124 56 66	82 2.91 76	96 -1.0 67	125 58 68	127 29.3 72	112 7.3 62	119 120 67	127 49.2 66	129 190 43	122 89 31	131 -88 22	112 1.0 50	102 13.9 48	91 -4.0 48	81 2.8 25	101 32.4 55	139 27 47	133 43 43	111 1.79 25	103 0.52 27	91 -0.79 25
RRF 210076 92885409	2	RRF 180365 RRF 160053		92 70	125 70	104 61	76 69	97 41	115 58	126 68	124 34	118 53	117 32	125 56 66	92 1.76 74	106 -2.4 66	128 64 69	125 28.4 70	104 5.1 61	110 99 67	127 49.1 64	126 177 41	131 110 24	127 -80 24	107 0.7 48	119 24.2 46	108 -13.8 44	85 2.2 26	110 38.1 54	126 17 45	130 40 42	111 1.77 31	97 -0.44 32	93 -0.68 31
RRF 210081 92889161	2	RRF 180365 RRF 170024		75 70	129 70	93 65	81 71	95 39	104 58	119 69	118 32	107 53	111 26	123 54 68	78 3.28 74	90 -0.2 67	122 54 71	129 30.3 70	93 1.5 65	108 92 69	128 50.2 55	121 159 40	126 98 25	125 -77 22	116 1.2 47	103 14.6 45	107 -13.3 38	85 2.0 26	106 35.6 53	126 18 44	124 35 41	109 1.57 25	99 -0.10 26	92 -0.70 25
RRF 220009 94080074		CEF 180505 RRF 120066		116 73	112 74	89 66	81 71	108 45	113 61	110 72	114 50	113 59	112 46	117 46 56	114 -0.45 76	120 -4.3 70	123 55 71	112 21.3 74	89 0.4 66	91 52 70	117 40.4 68	116 138 55	127 101 23	115 -61 44	84 -0.6 59	111 19.3 58	114 -17.2 55	96 0.2 24	113 39.8 56	112 6 58	110 22 55	109 1.60 46	115 2.40 47	124 1.95 46

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																															
RRF 220013 94078938	1	CEF 180505 RRF 100006		84 74	120 74	95 66	92 70	94 45	103 61	113 72	111 50	104 59	113 48	109 35	85 2.51	93 -0.7	108 34	120 25.4	95 2.1	109 94	126 48.3	108 54	138 127	107 -48	94 0.0	92 8.2	109 -14.2	79 3.2	110 37.8	110 5	109 21	110 1.66	113 2.13	125 2.09
RRF 220022 94128733	2	CEF 180505 RRF 130101		108 73	120 72	96 60	87 57	90 47	113 59	122 68	108 52	113 58	113 50	116 45	102 0.72	120 -4.2	114 43	120 25.7	96 2.5	107 91	122 44.5	107 106	147 148	108 -50	91 -0.2	111 19.3	96 -7.0	86 1.9	105 34.6	110 5	111 23	108 1.47	111 1.80	120 1.65
RRF 220024 94128741	1	CEF 180505 RRF 110005		99 73	119 73	106 64	86 57	120 46	129 59	121 69	111 54	127 58	113 51	118 47	101 0.86	102 -1.8	114 43	119 25.2	106 5.5	114 107	123 45.8	110 117	145 146	110 -53	93 -0.1	98 11.5	137 -29.9	100 -0.5	108 36.7	112 6	113 25	111 1.78	123 3.71	124 1.96
RRF 220039 94407236	1	CEF 180505 RRF 190014		114 70	117 71	103 62	89 70	109 42	128 59	124 69	111 48	126 57	119 47	111 38	111 -0.18	119 -4.1	111 39	117 24.2	103 4.5	111 101	121 44.1	109 115	135 120	109 -51	100 0.3	111 19.2	115 -17.5	96 0.2	115 41.0	113 8	115 27	117 2.33	117 2.74	124 1.94
RRF 220040 94407244	2	CEF 180505 RRF 180326		127 72	108 72	100 64	105 70	120 45	134 60	121 70	100 50	130 58	109 50	92 12	122 -1.27	124 -4.8	93 12	108 19.1	100 3.8	112 102	109 33.2	100 78	101 38	102 -39	86 -0.4	107 16.8	124 -23.0	105 -1.5	117 41.8	104 0	104 17	112 1.89	107 1.13	123 1.93
RRF 220048 94407160	1	CEF 180505 RRF 180301		111 71	115 70	114 63	80 56	113 41	129 57	124 67	110 49	127 55	121 48	122 53	109 0.04	117 -3.8	122 54	115 22.9	114 8.0	113 104	120 42.5	109 115	138 128	109 -51	91 -0.2	115 21.8	119 -19.8	98 -0.2	116 41.2	112 7	116 28	117 2.40	115 2.47	127 2.20
RRF 220049 94407178	1	CEF 180505 RRF 120057		93 73	118 74	102 66	95 71	98 47	114 62	120 72	116 52	115 60	119 51	105 30	92 1.86	102 -1.8	104 27	118 24.7	102 4.3	116 113	124 46.8	115 137	139 130	111 -54	110 0.9	116 22.4	113 -16.7	82 2.6	113 39.5	108 3	112 24	118 2.52	113 2.11	121 1.68
RRF 220053 94407335	1	CEF 180505 RRF 120042		97 74	123 73	102 60	83 58	104 47	120 59	124 69	111 52	119 58	116 51	117 47	97 1.26	105 -2.3	119 51	123 27.4	102 4.3	112 102	126 48.3	110 119	129 107	108 -50	99 0.3	118 23.4	118 -19.2	90 1.2	108 36.5	102 -1	109 22	118 2.47	113 2.06	116 1.29
RRF 220075 94407533	1	RRF 190012 RRF 190077		77 68	119 67	92 57	98 67	79 37	92 55	111 65	119 28	96 50	107 22	101 25	76 3.46	81 1.0	100 23	119 25.3	92 1.3	111 100	121 43.5	118 148	125 96	118 -66	106 0.7	89 6.1	90 -3.6	71 4.5	109 37.1	117 11	117 28	104 1.04	103 0.48	95 -0.46
RRF 220079 94489077	3	RRF 180347 RRF 130066		87 71	119 71	109 61	84 68	103 43	113 59	118 69	126 37	117 55	112 32	114 42	89 2.12	96 -1.0	117 48	119 25.2	109 6.4	115 108	125 47.7	127 180	139 131	127 -81	109 0.8	107 17.2	122 -21.5	85 2.1	107 36.3	126 18	123 34	106 1.28	98 -0.21	95 -0.49
RRF 230004 95833984	1	CEF 180505 RRF 100006		97 74	115 73	89 61	87 57	96 44	101 59	107 69	108 50	102 57	114 48	113 40	95 1.49	108 -2.7	114 43	115 23.0	89 0.3	97 66	119 42.2	106 103	108 56	102 -40	94 0.0	90 6.9	112 -16.1	80 3.0	108 36.9	108 3	106 19	111 1.74	113 2.12	125 2.10
RRF 230006 95834008	1	CEF 180505 RRF 130100		106 72	110 72	100 61	93 57	100 44	111 58	111 68	106 50	110 56	111 48	106 32	105 0.41	107 -2.6	107 32	110 20.3	100 3.6	105 86	113 36.3	107 105	108 55	106 -47	88 -0.3	108 17.3	110 -14.6	91 1.0	105 34.6	109 4	108 21	104 1.06	110 1.64	118 1.49

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
RRF 230007 95834016	2	CEF 180505 RRF 180326			119 70	113 71	101 58	95 57	120 43	132 57	121 67	104 50	129 56	112 50	102 26	117 -0.76	118 -4.0	104 57	113 21.7	101 4.0	110 98	115 38.4	103 90	123 92	107 -48	87 -0.4	110 18.7	125 -23.5	106 -1.6	112 39.3	108 3	109 22	115 2.14	107 1.12	124 1.95
RRF 230009 95881629	2	CEF 180505 RRF 140061			119 70	109 72	87 59	98 56	104 43	113 57	110 67	102 50	111 56	111 48	101 25	117 -0.78	116 -3.8	101 56	109 72	87 59	96 62	110 33.9	102 85	127 101	105 -44	80 -0.8	112 19.6	108 -13.7	97 0.0	108 36.4	99 -4	102 15	108 1.45	118 2.92	125 2.08
RRF 230013 95878088	1	CEF 180505 RRF 190046			104 69	120 70	103 54	85 55	104 40	122 55	123 65	106 48	120 54	121 47	116 45	101 0.91	115 -3.6	116 45	120 25.7	103 4.5	112 101	120 43.1	105 97	104 47	102 -40	94 0.0	114 21.0	116 -18.3	91 1.0	107 36.1	110 5	114 26	119 2.57	111 1.86	122 1.76
RRF 230015 95885232	1	CEF 180505 RRF 170057			111 72	113 71	91 58	90 56	120 44	122 57	111 67	107 50	120 56	115 50	113 40	113 -0.39	106 -2.4	110 56	113 71	91 58	99 62	116 39.5	104 96	115 73	104 -43	91 -0.2	101 13.1	123 -22.2	106 -1.6	115 40.7	104 0	105 18	115 2.23	113 2.16	127 2.23
RRF 230017 95885257	1	CEF 180505 RRF 140006			106 70	107 71	115 59	98 57	108 42	121 57	116 67	107 50	120 56	114 49	99 22	106 0.39	104 -2.1	99 57	107 71	115 59	120 62	114 37.8	105 97	143 139	105 -44	97 0.2	104 15.2	119 -20.0	93 0.6	111 38.3	110 5	110 22	114 2.12	113 2.19	127 2.22
RRF 230018 95885265	1	CEF 180505 RRF 090013			95 72	111 73	96 61	92 56	97 43	102 58	105 69	108 51	103 57	111 48	105 31	98 1.17	95 -0.9	107 56	111 73	96 61	103 63	115 38.1	109 114	112 66	108 -49	82 -0.7	95 9.9	107 -13.1	91 1.0	101 32.4	113 7	107 20	106 1.23	116 2.55	121 1.75
RRF 230021 95896940	1	CEF 180505 RRF 150081			123 71	104 72	108 59	104 57	115 43	130 57	119 68	97 52	125 56	108 50	96 18	118 -0.94	123 -4.6	93 57	104 72	108 59	115 63	108 32.2	95 60	125 96	99 -35	85 -0.5	122 25.7	123 -22.2	99 -0.3	112 39.0	101 -2	103 16	110 1.68	111 1.76	126 2.13
RRF 230022 95896957		CEF 180505 RRF 140048			97 72	116 72	105 60	82 57	112 43	117 58	115 68	102 51	115 57	115 49	117 46	98 1.17	104 -2.1	120 57	116 72	105 60	107 63	119 42.3	100 80	112 65	97 -32	90 -0.3	101 13.5	119 -20.1	99 -0.4	108 36.7	107 3	106 19	116 2.24	113 2.11	125 2.07
RRF 230025 95915286	1	CEF 180505 RRF 180201			89 70	132 71	104 58	83 56	111 41	131 56	135 67	114 50	130 55	123 48	114 43	88 2.23	103 -2.0	119 56	132 71	104 58	122 62	131 52.3	112 126	143 139	116 -63	94 0.0	116 22.3	117 -18.9	100 -0.6	108 36.5	116 10	121 32	121 2.82	111 1.86	128 2.27
RRF 230027 95915302	1	CEF 180505 RRF 180321			108 69	110 70	105 56	93 56	116 41	122 56	113 65	105 50	120 55	116 49	102 26	110 -0.03	103 -2.0	106 56	110 70	105 56	109 61	113 36.5	100 81	112 65	98 -33	96 0.1	105 16.0	121 -21.2	103 -1.0	112 38.8	104 55	106 53	118 48	107 50	128 2.28
RRF 230028 95915310	1	RRF 180347 RRF 150065			102 67	97 58	105 49	98 49	79 38	87 49	97 57	104 33	89 46	97 26	100 23	101 0.83	103 -2.0	101 49	97 58	105 49	101 52	103 27.9	102 89	100 35	104 -44	103 0.5	95 9.9	94 -5.5	73 4.2	101 32.4	102 -1	97 11	101 0.80	95 -0.75	95 -0.50
RRF 230029 95915328		CEF 180505 RRF 100072			119 72	103 62	95 60	94 57	97 39	107 54	105 62	94 48	104 53	105 46	100 24	116 -0.66	128 -5.3	105 29	103 16.7	95 2.2	96 64	108 31.8	91 44	113 67	88 -17	98 0.2	102 13.9	110 -15.0	88 1.6	101 32.6	94 -8	95 9	106 1.25	110 1.71	120 1.66

Breeding Values and Accuracies: Cows & Heifers

Value <80 Value >120

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Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass		
ID Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
RRF 230034 96159579	1	CEF 180505 RRF 190082		94 69	116 70	100 55	91 55	98 40	109 55	114 65	109 48	109 54	116 48	107 33 54	93 1.66 73	101 -1.8 60	109 36 55	116 23.6 70	100 3.7 55	110 96 60	122 44.6 66	108 108 51	136 122 21	108 -49 44	92 -0.1 54	113 20.8 53	105 -11.7 46	90 1.2 22	106 35.5 52	107 2 53	111 23 51	111 1.74 47	113 2.12 48	125 2.07 47
RRF 230037 96159603	1	CEF 180505 RRF 150099		108 70	110 71	113 59	95 56	103 42	121 57	118 67	107 50	119 56	120 50	106 31 56	110 -0.09 74	103 -2.0 62	103 27 56	110 20.3 71	113 7.6 59	118 116 62	117 39.9 68	103 92 54	119 82 21	101 -38 45	88 -0.3 58	123 26.3 57	112 -15.7 48	92 0.9 24	109 37.5 54	106 2 57	113 25 55	111 1.79 49	114 2.29 51	127 2.26 49
RRF 230044 96159678	1	CEF 180505 RRF 120069		117 72	114 73	101 61	86 57	99 42	118 58	118 69	103 49	116 56	111 47	112 39 56	113 -0.40 76	129 -5.5 64	115 45 57	114 22.3 73	101 4.0 61	105 85 64	115 38.5 68	104 93 52	113 67 23	104 -44 44	91 -0.2 56	111 19.5 55	111 -15.4 48	87 1.8 24	107 36.0 55	109 4 55	109 22 53	115 2.16 46	112 1.92 48	120 1.61 46
RRF 230051 96170915	2	CEF 180505 RRF 180307		100 72	123 70	109 56	88 56	111 43	131 56	129 66	108 50	129 55	118 49	110 37 55	101 0.86 75	103 -2.0 63	112 40 56	123 27.5 70	109 6.5 56	121 125 61	124 46.5 67	106 101 53	122 89 21	106 -47 45	90 -0.2 56	113 20.5 55	113 -16.6 53	98 -0.3 24	116 41.8 53	109 4 55	114 26 53	117 2.40 48	108 1.27 50	125 2.06 48
RRF 230056 96170964	1	CEF 180505 RRF 120026		101 72	116 73	99 60	87 57	102 45	113 58	114 68	110 52	113 57	117 51	115 43 56	102 0.73 75	103 -2.0 63	113 42 57	116 23.2 73	99 3.5 60	106 88 63	117 39.7 68	111 122 55	99 33 26	104 -43 48	101 0.4 59	117 22.8 58	119 -20.0 50	92 0.9 29	101 32.5 56	102 -1 58	108 21 56	117 2.35 50	113 2.05 52	120 1.66 50
RRF 230057 96170972	1	CEF 180505 RRF 110063		87 72	120 73	101 61	88 57	107 45	114 59	116 69	98 53	111 58	111 51	108 34 57	91 1.91 76	92 -0.5 64	113 41 57	120 25.7 73	101 4.0 61	112 102 64	118 40.7 68	99 76 56	101 39 23	105 -45 49	80 -0.8 59	124 27.3 59	112 -16.0 51	99 -0.4 28	105 35.1 56	105 1 58	107 20 56	107 1.42 50	112 1.98 52	125 2.09 50
RRF 230058 96170980	1	CEF 180505 RRF 080033		109 73	119 74	112 62	83 57	109 46	129 59	128 69	107 54	127 58	126 52	114 43 57	104 0.53 76	120 -4.2 64	119 50 57	119 25.0 74	112 7.4 62	116 112 64	123 45.5 69	103 89 58	104 46 31	95 -28 49	98 0.2 62	98 11.8 61	113 -16.5 51	102 -0.8 29	107 36.0 57	103 -1 61	109 22 58	122 2.91 51	119 3.04 53	127 2.22 51
RRF 230060 96171004	2	RRF 180347 RRF 120072		82 69	106 70	95 54	93 50	80 38	80 54	95 64	107 34	83 50	94 24	104 28 50	84 2.68 74	91 -0.3 59	107 33 50	106 18.1 70	95 2.3 54	98 68 58	109 32.7 63	107 105 42	106 50 26	113 -59 22	97 0.2 50	91 7.4 48	96 -7.0 38	74 4.1 25	100 31.7 52	110 5 47	102 16 43	97 0.42 23	97 -0.48 24	91 -0.85 23
RRF 230061 96171012	1	CEF 180505 RRF 130073		78 73	123 72	110 60	89 57	110 47	119 59	121 68	110 52	118 58	125 52	114 42 56	82 2.87 76	85 0.4 65	111 38 57	123 27.0 72	110 6.9 60	123 128 63	126 48.2 68	109 114 55	117 76 26	105 -44 49	81 -0.7 57	106 16.3 57	126 -24.0 56	90 1.3 28	112 39.3 56	116 10 57	118 29 55	120 2.72 51	114 2.27 52	124 2.01 51
RRF 230062 96171020	2	RRF 190026 RRF 180301		120 70	103 67	115 50	83 47	103 38	117 52	112 62	109 32	116 48	112 26	114 43 48	120 -1.07 74	118 -4.0 58	118 48 47	103 16.6 67	115 8.4 50	106 87 55	106 30.3 60	108 110 39	100 37 25	107 -48 22	105 0.6 46	103 14.4 44	107 -13.1 44	97 0.0 22	108 36.5 48	112 7 43	113 26 39	108 1.53 26	104 0.64 27	101 -0.01 26
RRF 230063 96171038	1	CEF 180505 RRF 190211		102 69	115 70	100 55	90 55	92 39	109 55	115 65	105 48	108 54	114 48	111 39 54	102 0.75 73	106 -2.4 61	111 38 55	115 22.9 70	100 3.8 55	108 93 60	118 41.3 66	103 92 50	117 76 21	102 -40 44	90 -0.2 52	105 15.9 52	105 -12.2 44	82 2.6 22	106 35.4 51	107 3 52	108 21 50	110 1.68 47	112 1.98 48	123 1.85 46
RRF 230065 96171053	2	RRF 190026 RRF 170050		99 67	108 69	107 51	94 47	84 38	99 53	110 63	110 34	101 49	106 26	104 28 48	97 1.25 72	104 -2.1 55	105 29 47	108 19.1 69	107 5.9 51	110 98 56	111 34.9 62	108 110 40	128 103 28	110 -54 25	106 0.6 47	96 10.5 45	96 -6.9 38	78 3.4 26	104 34.5 50	110 5 44	109 21 41	104 1.11 26	102 0.37 27	96 -0.36 26

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																															
RRF 230077	3	RRF 190026	0.93	105	108	107	93	100	111	111	116	113	114	100	106	105	106	108	107	109	111	114	121	118	109	98	104	97	103	120	118	112	98	99
96339494		RRF 170083		68	69	52	48	39	53	63	34	49	27	23	0.35	-2.2	31	19.0	5.9	96	34.5	133	87	-66	0.8	11.8	-11.2	-0.1	33.8	13	30	1.88	-0.24	-0.16
				49	73			57						48	69	52	48	69	52	56	62	42	27	23	49	48	39	25	52	47	43	26	28	26
RRF 230079	2	RRF 190026	0.93	111	117	103	82	84	110	121	117	112	115	119	109	117	121	117	103	106	117	116	110	111	109	105	87	86	102	114	116	107	105	98
96339510		RRF 200037		65	67	46	46	36	50	60	32	46	25	49	0.01	-3.8	52	23.9	4.5	88	40.3	140	60	-55	0.8	15.6	-1.6	1.9	33.3	8	28	1.35	0.82	-0.20
				45	71			54	46	67	46	53		45	71	54	46	67	46	53	58	39	26	22	46	44	37	23	48	43	39	24	26	24
RRF 240001	2	CEF 180505	0.93	109	119	97	91	105	123	122	106	121	115	110	108	109	109	119	97	110	120	104	120	96	91	103	116	90	111	96	103	115	115	117
97729974		RRF 210013		60	70	55	56	42	54	64	52	54	53	37	0.11	-2.8	36	25.2	2.9	97	42.8	96	83	-30	-0.2	14.7	-18.4	1.1	38.3	-7	16	2.16	2.43	1.34
				53	62			57	56	70	55	60		53	62	57	56	70	55	60	65	55	27	49	57	57	50	24	53	56	55	52	54	52
RRF 240003	1	CEF 180505	0.93	119	109	99	92	105	119	114	105	117	114	105	114	124	108	109	99	103	114	104	115	103	92	109	115	93	109	104	108	114	113	124
97868673		RRF 200047		69	70	54	55	40	55	65	48	54	47	30	-0.48	-4.9	34	20.0	3.4	81	37.2	93	73	-42	-0.1	18.1	-17.6	0.7	37.0	0	21	2.08	2.13	1.95
				54	73			60	55	70	54	60		54	73	60	55	70	54	60	64	50	20	44	53	52	46	22	51	52	50	46	48	46
RRF 240005	1	CEF 180505	0.93	106	122	102	81	112	127	126	120	128	128	120	106	112	122	122	102	109	123	123	99	113	90	116	122	94	115	117	121	121	116	125
97868699		RRF 200041		69	70	56	55	40	55	65	49	54	48	50	0.33	-3.2	55	26.6	4.5	96	45.9	166	33	-57	-0.2	22.2	-21.5	0.4	40.7	10	32	2.79	2.54	2.09
				54	73			60	55	70	56	60		54	73	60	55	70	56	60	64	52	21	45	55	54	47	23	51	54	52	47	49	47
RRF 240006	2	CEF 180505	0.93	101	118	103	93	120	129	123	103	126	112	105	98	109	107	118	103	116	118	102	108	104	87	109	125	106	113	107	108	115	107	124
97868707		RRF 180326		70	71	58	57	43	57	67	50	56	50	30	1.23	-2.8	32	24.8	4.8	112	41.1	88	55	-44	-0.4	18.2	-23.3	-1.5	39.6	2	21	2.18	1.12	1.95
				56	74			62	56	71	58	62		56	74	62	57	71	58	62	67	54	23	46	56	56	48	26	54	56	54	49	50	49
RRF 240007	1	CEF 180505	0.93	102	119	97	86	99	114	118	108	114	116	115	100	109	116	119	97	107	119	110	106	107	89	110	108	91	105	113	113	108	110	119
97868715		RRF 130100		72	72	61	57	44	58	68	50	56	48	44	0.95	-2.9	45	25.4	2.7	89	41.8	115	51	-49	-0.3	18.8	-13.5	1.1	34.9	7	26	1.44	1.62	1.52
				56	75			64	57	72	61	63		56	75	64	57	72	61	63	68	54	24	45	57	56	50	26	56	56	54	48	49	48
RRF 240008		CEF 180505	0.93	113	109	105	96	99	116	116	103	114	114	107	114	107	103	109	105	111	114	101	120	99	96	106	106	88	112	105	107	114	113	125
97868723		RRF 190087		69	70	56	55	40	55	65	48	54	47	33	-0.48	-2.6	26	20.0	5.1	99	37.6	81	83	-35	0.1	16.5	-12.4	1.5	39.1	1	20	2.12	2.09	2.09
				54	73			60	55	70	56	60		54	73	60	55	70	56	60	60	50	21	44	52	52	46	22	51	52	50	46	48	46
RRF 240009	1	CEF 180505	0.93	89	123	105	91	93	114	124	108	113	120	113	90	98	108	123	105	120	122	106	95	100	96	102	100	83	113	109	112	116	117	124
97868731		RRF 190077		69	70	56	56	40	55	65	48	54	47	41	2.07	-1.2	34	27.0	5.3	122	45.0	103	24	-36	0.1	14.0	-9.2	2.5	39.7	4	25	2.25	2.74	1.94
				55	73			61	56	70	56	61		55	73	61	56	70	56	61	66	49	21	44	52	51	46	22	51	51	50	46	48	46
RRF 240012	1	CEF 180505	0.93	99	120	91	92	105	115	118	105	114	115	105	95	110	108	120	91	106	120	104	128	106	87	112	111	95	109	104	108	112	116	127
97868764		RRF 190081		69	70	56	55	40	55	65	48	54	47	31	1.50	-3.0	34	25.6	0.9	89	42.7	95	103	-46	-0.4	20.0	-15.5	0.4	37.5	0	21	1.89	2.55	2.21
				54	73			60	55	70	56	60		54	73	60	55	70	56	60	60	50	21	44	53	53	46	22	51	52	50	46	48	46
RRF 240014	1	CEF 180505	0.93	114	114	100	86	106	120	117	109	119	113	113	113	117	115	114	100	105	118	109	125	106	99	116	120	91	109	100	106	116	113	116
97868780		RRF 120042		72	73	60	58	46	59	69	52	58	51	41	-0.36	-3.8	44	22.6	3.7	84	41.4	111	96	-47	0.3	22.4	-20.4	1.1	37.5	-3	19	2.26	2.07	1.28
				57	76			64	57	73	60	64		57	76	64	58	73	60	64	68	55	27	48	58	57	51	30	56	57	55	50	52	50
RRF 240015	1	CEF 180505	0.93	86	122	101	85	104	113	118	111	113	119	115	86	99	117	122	101	111	124	108	114	104	91	118	115	89	112	106	112	115	111	120
97868798		RRF 160053		70	71	58	57	42	57	67	50	56	51	44	2.41	-1.5	47	26.8	3.9	100	46.7	110	70	-44	-0.2	23.5	-17.7	1.4	38.9	1	24	2.17	1.75	1.67
				56	74			62	56	74	58	62		56	74	62	57	71	58	62	66	53	22	46	56	56	48	25	54	55	54	50	52	50

Breeding Values and Accuracies: Cows & Heifers

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass		
ID Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
RRF 240016 97871057	2	CEF 180505 RRF 130101		114 72	109 72	98 60	93 57	93 44	109 58	111 68	103 52	108 57	109 50	108 35	113 -0.36	112 -3.2	107 32	109 19.7	98 3.2	103 81	112 36.0	102 88	117 78	101 -38	89 -0.3	106 16.5	100 -8.9	87 1.8	106 35.4	104 0	103 16	104 1.09	111 1.82	120 1.62
RRF 240017 97871065	1	CEF 180505 RRF 180201		100 70	122 71	105 58	88 56	112 41	129 56	126 67	112 50	127 55	117 48	107 33	100 1.01	105 -2.3	112 39	122 27.0	105 5.4	118 117	124 46.3	110 115	145 143	115 -61	93 -0.1	113 20.8	119 -20.1	100 -0.6	108 36.8	112 7	116 28	117 2.38	112 1.88	127 2.24
RRF 240031 98014905	3	RRF 190026 RRF 120069		120 69	99 71	105 55	93 49	89 38	103 54	104 65	105 32	103 50	99 24	99 22	117 -0.75	129 -5.5	105 30	99 14.3	105 5.2	100 74	104 28.7	105 96	132 112	111 -56	105 0.6	101 13.6	100 -8.9	86 2.0	101 32.3	110 5	108 21	103 0.99	100 0.10	93 -0.61
RRF 240032 98045883	1	RRF 190026 RRF 150081		137 68	87 70	109 54	115 49	105 39	116 54	104 64	96 36	113 50	96 30	84 2	132 -2.38	129 -5.5	85 0	87 7.7	109 6.4	103 81	92 17.6	94 55	110 60	100 -37	99 0.2	109 18.4	111 -15.5	97 -0.1	106 35.2	101 -2	99 13	99 0.57	99 -0.06	100 -0.09
RRF 240033 98045891	3	RRF 210010 RRF 190211		104 67	113 68	93 49	91 47	94 34	106 51	110 62	105 31	105 47	104 29	106 31	106 0.39	104 -2.1	109 36	113 22.1	93 1.5	101 76	114 37.7	103 92	126 98	98 -33	92 -0.1	99 11.9	96 -6.8	94 0.5	103 33.7	101 -2	102 16	103 0.96	99 -0.06	97 -0.29
RRF 240034 98045909	1	RRF 190026 RRF 150096		114 68	105 70	88 53	88 48	92 38	98 54	100 64	108 34	99 50	107 24	110 36	110 -0.10	120 -4.3	114 42	105 17.9	88 0.1	89 46	109 33.0	104 96	117 76	104 -43	94 0.0	95 9.7	101 -9.9	91 1.1	99 31.5	100 -3	103 16	106 1.29	100 0.08	98 -0.24
RRF 240036 98045925	2	RRF 210010 RRF 210060		108 65	108 67	115 45	91 46	106 34	120 50	115 60	102 32	118 46	106 29	105 30	111 -0.15	101 -1.8	108 34	108 19.3	115 8.4	116 111	110 33.8	101 82	119 82	98 -34	98 0.2	105 16.0	103 -10.7	107 -1.8	104 34.3	103 -1	106 19	110 1.68	97 -0.47	97 -0.33
RRF 240037 98045933	2	RRF 190026 RRF 160059		103 68	114 70	100 53	86 48	92 38	107 54	113 64	115 34	109 50	115 26	115 44	102 0.80	110 -2.9	116 45	114 22.5	100 3.8	105 85	116 39.4	115 136	123 90	117 -65	112 1.0	102 13.7	95 -6.1	93 0.7	104 34.3	120 12	118 30	109 1.59	112 1.99	102 0.09
RRF 240040 98045966	3	RRF 210010 RRF 210076		112 65	114 67	100 46	85 46	105 34	119 50	116 60	114 32	119 46	113 32	110 37	113 -0.39	111 -3.0	116 46	114 22.6	100 3.6	104 83	118 40.6	113 130	115 72	106 -47	98 0.2	106 16.5	110 -14.8	95 0.4	113 39.5	104 0	111 23	112 1.87	98 -0.20	93 -0.66
RRF 240046 98131295	2	RRF 210010 RRF 190019		127 67	98 68	86 50	99 48	110 36	109 52	97 62	98 34	107 48	96 30	91 12	128 -1.90	115 -3.6	100 48	98 68	86 50	86 55	100 24.6	96 66	110 60	93 -25	95 0.0	98 11.8	109 -14.5	108 -2.0	104 34.0	94 -8	92 7	97 0.39	98 -0.21	97 -0.29
RRF 240047 98131303	2	RRF 190026 RRF 110063		84 70	111 71	105 55	93 49	97 41	101 55	107 65	101 39	100 52	100 32	98 20	87 2.30	87 0.1	106 30	111 20.9	105 5.1	111 100	111 35.0	101 82	124 93	113 -58	95 0.0	115 21.8	100 -9.2	98 -0.2	99 31.3	108 3	107 20	97 0.34	101 0.16	99 -0.13
RRF 250003 99121154	1	RRF 210052 RRF 220039		134 63	99 65	100 42	95 43	105 30	118 48	107 58	109 30	117 44	112 26	101 25	134 -2.61	120 -4.3	104 27	99 14.6	100 3.8	98 68	105 29.1	108 111	126 98	112 -57	101 0.4	104 15.5	110 -14.7	95 0.3	111 38.6	113 7	111 23	111 1.78	108 1.35	110 0.75

Breeding Values and Accuracies: Cows & Heifers

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass		
ID Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thicken	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
			Sire ID Dam ID																															
RRF 250009 99247389	5	RRF 210052 RRF 220040		128 64	95 65	98 43	104 43	111 30	114 48	102 58	103 31	113 45	106 28	91 12 42	142 -3.40 70	125 -4.9 51	95 14 43	95 12.2 65	98 3.2 43	97 65 50	98 23.6 48	103 90 34	109 59 17	109 -51 26	94 0.0 38	102 13.9 37	115 -17.6 33	100 -0.6 18	112 39.0 40	107 2 36	104 17 34	108 1.49 28	103 0.55 29	109 0.74 28
RRF 250010 99247397	1	RRF 210010 RRF 150068		94 68	107 69	120 53	91 49	100 37	110 53	111 63	100 35	108 49	103 30	105 30 49	99 1.07 73	92 -0.4 57	108 33 49	107 18.4 69	120 9.7 53	118 117 57	110 34.2 55	98 72 41	128 103 23	99 -35 27	98 0.2 45	96 10.4 44	96 -7.0 38	103 -1.1 23	103 33.4 49	106 2 44	107 20 41	106 1.27 29	99 -0.15 30	91 -0.82 29
RRF 250011 99247405	4	RRF 210052 RRF 220079		102 63	112 65	104 41	89 42	101 29	112 47	112 57	118 25	114 43	111 20	107 33 41	105 0.48 70	101 -1.8 50	112 39 42	112 21.2 65	104 4.9 41	108 92 49	115 38.3 48	119 150 31	126 99 18	122 -73 18	106 0.7 36	104 15.4 34	112 -16.0 30	90 1.2 18	108 36.6 40	121 14 34	118 30 31	108 1.48 20	99 -0.13 21	95 -0.45 20
RRF 250012 99288672	4	RRF 210010 RRF 140061		128 68	97 69	81 53	107 49	105 37	105 53	96 63	96 36	103 50	97 32	88 8 49	127 -1.89 73	115 -3.5 57	92 11 49	97 13.2 69	81 -2.2 53	84 34 57	96 21.8 55	96 65 39	105 47 27	93 -25 30	81 -0.7 44	100 12.6 43	101 -9.4 38	109 -2.2 26	104 34.1 48	86 -14 42	88 3 40	97 0.39 31	105 0.89 32	100 -0.09 31
RRF 250016 99287427	1	RRF 210010 RRF 150052		113 68	101 69	97 53	100 49	110 37	110 53	102 63	101 34	108 49	102 30	95 17 49	115 -0.55 73	103 -2.0 57	99 20 49	101 15.6 69	97 2.7 53	99 70 57	105 29.2 54	99 74 29	110 61 23	92 -23 26	91 -0.2 43	85 3.7 42	112 -16.0 38	107 -1.9 24	104 34.3 49	102 -2 42	103 16 40	105 1.15 29	98 -0.32 30	95 -0.50 29
RRF 250018 99287443	1	RRF 210010 RRF 140006		113 68	96 69	109 53	106 50	110 37	113 53	104 63	102 34	111 49	100 32	87 5 50	114 -0.49 73	100 -1.6 57	91 9 50	96 12.7 69	109 6.6 53	109 95 57	101 26.1 54	100 78 39	121 87 24	93 -25 28	98 0.2 41	92 8.2 41	111 -15.6 38	106 -1.5 23	107 35.9 49	98 -5 40	96 10 39	104 1.06 31	101 0.16 33	101 0.06 32
RRF 250021 99299430	4	RRF 210010 RRF 180349		116 67	114 69	108 51	95 48	117 36	134 52	125 63	108 34	132 48	111 32	97 19 48	116 -0.72 72	109 -2.8 56	104 28 48	114 22.6 69	108 6.2 51	118 116 56	114 37.1 54	104 96 39	109 57 22	100 -36 28	89 -0.3 42	108 17.8 41	113 -16.2 37	111 -2.5 24	113 39.6 48	105 1 41	108 21 39	111 1.81 32	97 -0.47 33	103 0.23 32
RRF 250022 99356800	4	RRF 210010 RRF 150099		106 68	101 69	109 53	104 49	105 37	112 53	107 63	102 34	110 49	105 34	92 12 49	110 -0.03 73	93 -0.7 57	94 13 49	101 15.5 69	109 6.5 53	112 103 57	107 30.8 55	99 74 41	110 60 23	91 -22 27	89 -0.3 45	112 19.7 44	104 -11.6 38	104 -1.3 24	106 35.2 48	95 -7 43	100 14 41	100 0.66 33	101 0.26 34	102 0.10 33
RRF 250023 99356818	2	RRF 210010 RRF 100006		108 70	108 71	81 55	91 49	95 37	96 54	98 65	106 36	97 50	102 30	103 28 50	108 0.19 75	108 -2.7 59	109 36 49	108 19.0 71	81 -2.0 55	87 41 58	111 34.4 54	104 95 40	111 62 25	96 -29 29	95 0.1 45	82 1.7 43	104 -11.1 38	92 0.9 24	101 32.6 50	99 -4 43	97 11 40	102 0.85 30	100 0.09 30	100 -0.05 30
RRF 250024 99356826	2	RRF 220010 RRF 210011		113 65	114 66	105 47	90 46	119 34	131 50	120 60	107 36	128 47	112 34	104 29 45	114 -0.45 70	109 -2.8 53	109 36 46	114 22.5 66	105 5.3 47	112 102 53	113 36.7 50	107 107 39	91 15 20	100 -36 31	84 -0.6 41	116 22.3 41	127 -24.5 37	101 -0.8 20	114 40.4 44	99 -4 40	102 16 39	109 1.54 34	107 1.16 35	114 1.13 34
RRF 250028 99356867	4	RRF 210010 RRF 170016		131 68	104 69	99 51	100 49	111 37	126 53	114 63	105 34	123 49	104 31	92 13 49	132 -2.40 73	115 -3.7 57	98 20 49	104 17.3 69	99 3.3 51	104 82 56	106 30.7 55	104 94 40	117 77 23	99 -34 28	90 -0.2 43	106 16.2 42	112 -15.7 38	109 -2.1 24	105 34.6 49	99 -4 42	102 16 40	107 1.38 31	95 -0.73 31	102 0.15 31
RRF 250029 99356875	1	RRF 210052 RRF 220013		96 65	114 65	98 43	93 43	97 31	107 48	111 58	110 31	108 45	110 28	105 30 42	97 1.26 71	98 -1.2 51	107 32 43	114 22.5 65	98 3.0 43	107 91 50	117 40.2 48	109 112 34	126 99 18	112 -56 26	99 0.2 38	96 10.5 37	106 -12.7 33	87 1.8 18	109 37.1 41	112 7 37	110 22 35	109 1.57 27	106 1.04 28	111 0.83 27

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
RRF 250033 99356917	2	RRF 220010 RRF 200040			92 64	121 66	107 44	87 45	107 30	121 49	122 59	114 30	121 45	117 26	111 38	94 1.56	96 -1.1	113 41	121 26.3	107 5.8	117 115	120 42.7	115 135	94 22	112 -56	82 -0.7	116 22.2	112 -16.1	94 0.5	115 41.1	114 8	114 26	112 1.86	111 1.79	121 1.70
RRF 250034 99356925	4	RRF 210010 RRF 160053			112 68	101 69	94 52	97 49	107 37	106 53	99 63	104 35	105 49	101 35	95 17	115 -0.54	102 -1.8	101 24	101 15.5	94 1.9	95 62	106 30.4	102 86	109 58	94 -27	91 -0.2	105 16.0	109 -14.4	102 -0.8	107 36.3	91 -10	95 10	100 0.70	98 -0.27	95 -0.52
RRF 250035 99493736	1	RRF 220010 RRF 200043			101 64	113 65	115 45	94 45	106 29	123 48	121 59	107 29	121 44	112 26	101 25	103 0.71	99 -1.5	104 28	113 21.9	115 8.3	122 127	115 38.5	105 98	100 37	101 -37	96 0.1	115 21.6	111 -15.2	96 0.2	111 38.4	105 1	105 18	105 1.15	112 2.00	122 1.77
RRF 250042 99493801	1	RRF 220018 RRF 140012			133 66	90 67	115 51	104 47	106 35	118 51	106 61	103 36	116 48	105 32	92 13	132 -2.39	119 -4.2	94 13	90 9.6	115 8.4	107 91	100 24.9	99 74	105 48	95 -28	108 0.7	98 11.5	113 -16.4	93 0.7	115 40.8	95 -7	97 11	109 1.54	107 1.20	111 0.91
RRF 250043 99493819	1	RRF 220010 RRF 200041			107 64	117 66	114 46	87 45	120 31	135 49	125 59	120 31	135 45	124 28	108 35	110 -0.03	104 -2.1	112 40	117 24.0	114 8.0	120 121	119 42.0	122 164	98 31	116 -63	88 -0.3	122 25.9	126 -23.8	103 -1.1	116 41.6	120 13	121 32	114 2.09	112 1.94	123 1.87
RRF 250044 99540148	3	RRF 210010 RRF 130101			118 68	92 70	97 54	108 50	95 39	98 54	95 64	98 36	97 50	91 32	88 7	119 -1.02	104 -2.1	91 9	92 10.6	97 2.7	94 60	98 23.0	97 68	121 86	93 -25	90 -0.2	95 9.7	93 -5.3	99 -0.4	101 32.7	91 -10	88 3	90 -0.28	98 -0.20	94 -0.57
RRF 250045 99541245	1	RRF 220018 RRF 150054			103 66	113 67	105 50	87 47	114 34	121 51	115 61	115 34	121 48	116 34	112 40	103 0.62	105 -2.3	113 41	113 22.2	105 5.2	109 95	114 37.5	114 131	88 7	108 -50	100 0.3	109 18.0	124 -23.0	96 0.1	112 38.9	115 9	117 28	108 1.53	110 1.70	111 0.87
RRF 250046 99540155	4	RRF 210010 RRF 180326			121 68	97 69	99 52	108 49	122 38	121 53	105 63	98 36	118 50	94 32	84 2	120 -1.13	110 -2.9	90 8	97 13.6	99 3.3	102 78	101 25.5	97 69	117 78	97 -32	88 -0.4	98 11.6	119 -19.8	118 -3.7	109 37.2	94 -8	94 8	101 0.78	94 -0.90	98 -0.24
RRF 250047 99540163	2	RRF 210010 RRF 130100			115 69	94 70	96 55	106 49	102 39	101 54	95 64	102 34	101 50	94 32	88 7	116 -0.71	102 -1.9	93 11	94 11.6	96 2.6	95 61	99 23.9	102 88	114 69	99 -35	89 -0.3	97 11.0	103 -10.9	103 -1.2	100 32.1	98 -5	95 9	91 -0.26	97 -0.39	92 -0.69
RRF 250048 99540171	5	RRF 210052 RRF 220075			96 63	109 64	97 40	98 42	90 27	99 46	106 57	114 22	101 41	106 18	99 22	98 1.16	93 -0.6	101 23	109 19.7	97 2.8	105 86	111 34.6	113 130	120 84	117 -65	105 0.6	94 9.3	97 -7.5	83 2.4	108 36.8	116 9	113 25	105 1.18	101 0.22	95 -0.45
RRF 250050 99561698	4	RRF 210010 RRF 180201			102 67	118 68	98 52	90 49	112 36	122 52	118 63	108 34	120 48	108 31	101 25	104 0.59	103 -2.0	110 37	118 24.7	98 2.9	109 95	115 38.2	106 103	113 68	103 -42	94 0.0	104 14.9	110 -14.7	112 -2.7	104 34.0	103 -1	106 19	110 1.68	99 -0.17	102 0.11
RRF 250051 99561706	1	RRF 210010 RRF 160070			129 68	96 68	94 51	105 49	99 37	108 53	102 62	105 34	108 49	102 32	93 14	130 -2.18	112 -3.3	93 12	96 12.9	94 2.0	95 61	101 25.9	105 98	110 61	94 -27	95 0.1	91 7.4	102 -10.2	99 -0.4	101 32.7	93 -9	95 9	99 0.59	108 1.37	96 -0.36

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																															
RRF 250054	1	RRF 220010		104	126	123	88	116	147	141	123	146	134	116	106	104	112	126	123	136	126	122	99	111	98	119	122	102	113	126	128	122	119	124
99689820		RRF 170013		66	67	49	46	33	51	61	32	47	30	45	0.35	-2.2	39	28.9	10.9	160	48.0	163	34	-55	0.2	23.8	-21.6	-0.8	39.5	18	39	2.93	2.99	2.00
														46	71	54	46	67	49	54	52	36	17	28	39	38	35	21	44	38	36	29	30	29
RRF 250056	1	RRF 220018		104	114	102	93	91	110	117	107	110	112	110	106	106	107	114	102	111	114	105	96	103	104	106	97	82	114	109	110	113	105	111
99689846		RRF 190087		63	65	46	46	31	49	59	29	45	28	38	0.65	-2.4	32	22.7	4.2	99	37.7	100	27	-41	0.6	16.4	-7.3	2.7	40.1	4	23	1.99	0.90	0.84
														45	69	52	46	65	46	52	50	32	17	25	35	34	33	18	41	34	33	27	28	27
RRF 250057	2	RRF 220010		107	119	108	86	111	129	125	112	128	121	116	109	106	114	119	108	116	119	112	97	112	95	116	111	103	112	119	117	113	120	125
99689853		RRF 160059		66	67	50	47	33	51	61	32	47	28	45	0.03	-2.4	43	25.3	6.0	111	41.9	126	30	-57	0.1	22.5	-15.2	-1.1	38.9	12	29	1.93	3.21	2.08
														47	71	55	47	67	50	55	52	35	19	27	39	38	35	20	44	38	36	27	28	27
RRF 250148	3	RRF 190026		100	112	100	93	93	105	111	103	105	104	101	101	102	106	112	100	107	111	101	110	100	102	99	102	87	104	100	102	105	101	90
98131311		RRF 210035		67	68	49	48	38	52	62	38	49	32	25	0.86	-1.8	31	21.1	3.6	90	34.8	84	60	-36	0.4	11.9	-10.4	1.8	34.1	-3	15	1.16	0.23	-0.92
														48	72	56	48	68	49	55	60	44	29	29	49	48	41	24	50	47	44	32	33	32
RRF 250150		RRF 190026		107	99	106	93	93	99	100	100	98	100	100	107	107	106	99	106	101	104	98	110	101	114	90	98	95	98	104	99	100	111	96
98131337		RRF 110004		70	71	56	50	41	55	66	38	52	30	24	0.26	-2.5	31	14.5	5.5	76	28.3	73	59	-38	1.1	6.9	-7.8	0.3	30.4	0	13	0.66	1.74	-0.38
														50	75	59	50	71	56	59	58	45	32	29	52	51	41	28	54	49	46	30	31	30
RRF 250153	1	RRF 210010		106	112	104	93	117	124	115	108	122	109	104	108	103	106	112	104	110	117	105	135	99	91	96	125	102	112	97	102	110	112	108
98417355		RRF 220024		65	66	47	42	36	50	59	38	48	38	29	0.14	-1.9	31	21.2	4.8	98	40.5	100	121	-35	-0.2	10.2	-23.2	-1.0	38.8	-6	15	1.73	1.88	0.64
														46	70	52	42	66	47	52	52	41	25	34	43	43	39	22	47	42	41	37	38	37
RRF 250154	2	RRF 210007		98	103	95	99	94	95	97	104	96	98	99	103	89	100	103	95	98	106	108	114	99	89	111	102	95	96	105	101	90	97	95
98564552		RRF 130052		64	64	52	50	38	51	60	34	48	31	22	0.67	-0.1	21	16.5	2.1	69	30.0	110	70	-35	-0.3	19.6	-10.1	0.4	29.2	0	15	-0.27	-0.40	-0.51
														50	68	56	50	64	52	55	54	40	24	28	42	41	40	26	48	41	40	31	31	31
RRF 250163	1	RRF 210002		103	107	106	98	95	107	110	102	106	100	99	103	101	100	107	106	112	105	103	104	104	99	104	100	94	100	114	107	100	98	103
98970213		RRF 170050		63	62	46	45	32	48	57	26	44	18	22	0.67	-1.7	22	18.6	5.7	101	29.6	89	44	-43	0.2	15.2	-9.3	0.5	32.0	8	20	0.64	-0.31	0.17
														45	68	52	45	62	46	51	57	32	18	19	37	36	31	21	43	35	33	18	19	19
RRF 250164	3	RRF 210002		98	109	92	92	107	104	102	111	105	107	105	99	100	109	109	92	97	110	111	122	111	96	102	108	109	98	119	112	102	111	110
98970221		RRF 200027		62	61	42	43	29	46	55	25	42	18	30	1.09	-1.6	35	19.8	1.2	66	34.3	122	90	-55	0.1	14.1	-13.7	-2.1	30.6	12	24	0.84	1.82	0.81
														43	68	50	43	61	42	49	55	31	16	17	35	34	30	17	41	34	31	17	18	17
RRF 250165		RRF 160076		103	99	87	103	97	92	93	87	89	89	99	103	99	96	99	87	90	97	92	96	86	96	89	100	110	81	100	93	87	101	104
98995038				58	56	39	37	25	42	51	20	38	14	22	0.67	-1.5	16	14.4	-0.1	50	22.3	49	26	-14	0.1	6.2	-8.9	-2.3	20.2	-3	7	-0.61	0.25	0.24
														37	63	46	37	56	39	44	47	24	14	14	27	27	26	16	34	26	24	13	14	13
RRF 260001	2	SYF 150155		112	103	79	104	99	98	96	96	96	100	93	112	105	96	103	79	86	104	95	98	81	91	95	114	87	104	78	84	103	101	100
6020870058		RRF 230004		70	62	57	56	45	54	62	52	54	54	14	-0.27	-2.3	16	16.3	-2.8	40	28.5	60	31	-5	-0.2	9.5	-16.9	1.7	34.3	-21	-1	1.00	0.17	-0.09
														56	73	62	56	62	57	58	60	56	34	47	57	57	53	29	54	57	56	54	55	54
RRF 260002	2	SYF 150155		102	107	90	105	107	107	104	97	104	106	93	105	91	94	107	90	101	108	96	102	82	84	102	121	92	106	82	89	108	101	99
6020870066		RRF 230061		70	61	57	56	46	54	61	52	54	55	15	0.50	-0.4	13	18.5	0.6	75	31.8	66	41	-7	-0.5	14.2	-20.9	0.8	35.5	-17	4	1.49	0.24	-0.13
														56	73	62	56	61	57	58	60	56	34	48	57	57	53	30	54	57	56	55	55	55

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	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																															
RRF 260004	1	LAR 160453		104	104	103	89	113	110	103	115	112	111	109	105	105	111	104	103	101	108	119	111	122	109	99	113	109	109	106	112	115	113	117
6020870082		RRF 200027		69	60	56	58	40	52	60	48	51	48	36	0.49	-2.2	38	17.3	4.7	76	32.3	151	63	-73	0.8	12.5	-16.8	-2.2	37.0	1	24	2.17	2.05	1.40
														56	73	62	58	60	56	58	58	51	17	45	54	53	47	23	50	53	51	47	49	47
RRF 260005	1	CEF 180505		110	118	112	81	106	127	127	112	125	126	119	108	116	121	118	112	114	122	109	113	105	96	109	117	89	113	109	116	122	115	122
6020870090		RRF 230062		67	59	50	48	38	49	57	48	49	48	50	0.10	-3.7	52	24.5	7.4	108	44.4	114	67	-46	0.1	18.2	-18.6	1.4	39.9	4	28	2.93	2.37	1.85
														47	72	57	48	59	50	52	57	51	22	44	54	53	46	21	47	53	51	47	49	47
RRF 260006	3	SYF 150155		108	109	90	104	107	113	109	96	110	102	92	109	99	95	109	90	103	108	95	105	83	89	106	114	97	108	79	87	106	98	99
6020874332		RRF 230051		69	61	56	56	45	53	61	52	53	54	12	0.03	-1.4	14	20.0	0.5	80	32.5	59	47	-8	-0.3	16.3	-17.2	0.1	36.8	-20	2	1.33	-0.26	-0.11
														56	72	61	56	61	56	58	60	56	34	47	57	57	53	29	53	56	54	54	55	54
RRF 260008	1	LAR 160453		118	90	133	104	120	127	110	102	123	103	91	118	106	93	90	133	125	100	101	109	106	119	97	116	115	113	88	98	115	100	114
6020870108		RRF 140012		71	63	61	60	43	55	63	52	54	50	11	-0.91	-2.4	11	9.8	13.9	133	24.7	82	58	-46	1.4	10.9	-18.5	-3.2	39.5	-12	12	2.14	0.09	1.11
														59	74	64	60	63	61	61	62	55	20	46	59	58	49	26	55	58	55	49	51	49
RRF 260010	1	LAR 160453		84	108	106	93	101	100	104	109	101	103	103	83	95	106	108	106	109	111	110	98	115	114	87	109	96	105	101	105	109	99	113
6020893985		RRF 100006		72	64	62	60	43	56	64	50	55	48	28	2.72	-1.0	30	19.1	5.6	95	34.6	119	30	-61	1.1	4.9	-14.3	0.2	34.8	-3	18	1.60	-0.15	1.00
														59	75	65	60	64	62	62	61	53	18	45	58	57	48	25	55	56	54	47	48	47
RRF 260011	1	LAR 160453		106	104	109	101	103	113	111	111	114	107	98	106	103	97	104	109	114	107	114	100	116	113	99	105	98	111	99	106	114	107	112
6020893993		RRF 160076		70	62	59	59	42	54	62	50	53	48	21	0.35	-2.0	17	17.2	6.5	107	31.4	131	35	-64	1.0	12.4	-11.8	-0.2	38.7	-4	19	2.08	1.10	0.95
														58	73	63	59	62	59	60	60	52	17	45	55	55	48	24	53	54	52	47	49	47
RRF 260205		RRF 090010		90	94	105	101	94	86	89	84	83	87	97	92	88	97	94	105	100	92	91	84	89	97	84	96	115	68	108	95	82	97	97
6020259831				61	40	43	39	27	38	44	22	35	13	20	1.80	0.1	17	11.5	5.3	74	17.7	44	-2	-19	0.2	3.0	-6.7	-3.2	12.4	4	9	-1.08	-0.41	-0.28
														39	66	49	39	40	43	41	39	28	23	14	32	31	28	17	36	30	28	12	14	13
RRF 260206		RRF 130066		99	100	107	100	115	110	102	91	106	91	95	100	97	98	100	107	107	101	98	106	94	99	99	121	124	77	108	101	87	95	102
6020259849				60	41	41	40	30	39	44	27	37	26	17	0.97	-1.1	19	15.2	5.8	91	25.6	70	51	-27	0.3	12.2	-21.0	-4.8	18.2	4	14	-0.59	-0.76	0.09
														40	65	49	40	41	41	41	40	31	16	22	34	33	32	22	36	33	31	25	26	25
RRF 260207		RRF 130073		105	89	101	102	110	96	85	85	92	93	99	111	87	96	89	101	93	90	90	97	85	83	90	120	118	74	108	100	90	94	103
6020259856				60	40	41	38	30	38	43	26	36	23	22	-0.22	0.2	16	8.9	4.1	56	16.4	41	29	-13	-0.6	6.9	-20.5	-3.7	16.5	3	14	-0.33	-0.86	0.19
														39	65	48	38	40	41	40	40	29	18	23	31	30	31	22	36	30	29	23	23	23
RRF 260208		RRF 130052		95	93	92	102	93	81	83	86	80	83	96	99	89	96	93	92	88	94	92	109	87	90	100	97	112	70	102	93	75	93	102
6020259864				59	39	40	39	28	37	42	22	34	16	18	1.12	-0.1	17	11.2	1.2	45	19.6	49	58	-16	-0.3	13.0	-7.3	-2.7	14.0	-2	7	-1.78	-1.10	0.09
														39	64	47	39	39	40	39	38	27	16	15	30	29	29	19	35	29	28	15	16	15
RRF 260209		RRF 210014		116	88	98	113	116	106	91			81	87	113	110	87	88	98	93	86	79	98	78	95	99	120	128	73	96	89	83	91	101
6020425614				57	36	31	26	22	32	37			12	6	-0.36	-2.9	2	8.3	3.0	57	12.3	2	30	-1	0.1	12.2	-20.7	-5.5	15.6	-6	4	-1.01	-1.41	0.05
														26	63	40	26	36	31	31	32	23	8	10	27	26	24	13	29	26	24	11	12	11

Selection List on Cow Value

Bulls 2 years and older

ID	Name	Sire ID	Dam ID	Visual Score	% Inbreeding	Horned / Polled	Myostatin				Genomic test	Calving Ease Value	Calf Growth Value	Milk Value	Maint. Value	Fertility Value	Cow Value	Weaner Calf Value	Growth Value	Prod Value	Carcass Value										
Sorted on ID							Q204X	ni821	F94L		Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc										
											★★★★★																				
1	RRF 220010	RRF220010	CEF 180505	RRF 180349	6	1.1	Pp(c)	0	0	0		118	91	122	91	126	87	88	87	124	86	154	82	142	90	114	86	150	83	136	86
2	RRF 240013	RRF240013	CEF 180505	RRF 140012	0.7							126	72	104	72	115	60	93	57	114	43	130	58	118	68	103	52	127	57	118	50
											★★★★★☆																				
1	RRF 230032	RRF230032	CEF 180505	RRF 140012	7	0.7		0	0	0		124	72	106	72	115	60	90	57	113	43	129	58	118	68	103	52	126	57	120	50
2	RRF 230046	RRF230046	CEF 180505	RRF 200047	7	0.6						114	69	113	70	99	54	92	55	107	40	121	55	118	65	107	48	120	54	118	47
3	RRF 240025	RRF240025	RRF 210010	RRF 210064	2.4							122	66	115	68	101	47	79	46	107	35	124	51	121	61	118	32	125	47	121	30
											★★★★★																				
1	RRF 210010	RRF210010	SYF 150155	RRF 080033	7	1.5	HH(c)	0	0	0		130	94	98	93	99	88	100	88	112	87	119	83	105	92	104	87	117	84	107	86
2	RRF 230014	RRF230014	CEF 180505	RRF 190081	7	1.2						110	69	115	70	90	56	96	55	107	40	117	55	115	65	105	48	116	54	117	47
3	RRF 230049	RRF230049	CEF 180505	RRF 200040	6	1.0						98	69	121	70	96	54	85	55	101	39	114	55	119	65	116	48	116	54	122	47
											★★★★☆																				
1	RRF 240023	RRF240023	RRF 210010	RRF 210039	2.0							109	65	102	67	97	46	94	46	99	35	102	50	100	60	105	32	102	46	104	30
											★★★★																				
1	KBS 230029	KBS230029	KBS 190132	KBS 200213	7	1.7		0	0	0		86	66	121	68	95	47	84	46	80	34	96	51	114	61	107	41	97	49	113	63
2	RRF 240042	RRF240042	RRF 210012	RRF 200219	1.2							91	64	114	64	81	47	100	47	96	34	96	49	103	59	101	30	96	45	101	28

Selection List on Cow Value
Cows 2 years and older

ID		Name	Sire ID	Dam ID	Visual Score	% Inbreeding	Horned / Polled	Myostatin	Genomic test	Calving Ease Value	Calf Growth Value	Milk Value	Maint. Value	Fertility Value	Cow Value	Weaner Calf Value	Growth Value	Prod Value	Carcass Value										
Sorted on ID								Q204X n1821 F94L		Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc										
								Italics: DNA Test																					
								★★★★★★																					
1	RRF 130066	RRF130066	PHR 030036	RRF 080088	7	0.5				108	84	112	81	114	83	92	81	119	60	132	72	121	82	118	54	131	68	110	52
2	RRF 130072	RRF130072	PHR 030036	RRF 040052	7	0.6				76	83	117	80	142	84	89	79	120	59	134	71	129	81	118	52	133	67	119	46
3	RRF 170013	RRF170013	RRF 120031	RRF 130072	7	0.9				102	79	122	76	121	77	91	74	108	50	136	66	135	76	130	42	138	61	131	34
4	RRF 180349	RRF180349	JDB 120026	RRF 150105	7	2.7				111	77	116	76	121	74	100	74	122	48	145	65	134	75	108	41	141	60	110	35
5	RRF 220040	RRF220040	CEF 180505	RRF 180326	6	1.9				127	72	108	72	100	64	105	70	120	45	134	60	121	70	100	50	130	58	109	50
6	RRF 230007	RRF230007	CEF 180505	RRF 180326	7	1.9				119	70	113	71	101	58	95	57	120	43	132	57	121	67	104	50	129	56	112	50
7	RRF 230021	RRF230021	CEF 180505	RRF 150081	7	1.0				123	71	104	72	108	59	104	57	115	43	130	57	119	68	97	52	125	56	108	50
8	RRF 230025	RRF230025	CEF 180505	RRF 180201	8	1.0				89	70	132	71	104	58	83	56	111	41	131	56	135	67	114	50	130	55	123	48
9	RRF 230051	RRF230051	CEF 180505	RRF 180307	7	1.5				100	72	123	70	109	56	88	56	111	43	131	56	129	66	108	50	129	55	118	49
								★★★★★★☆																					
1	RRF 170016	RRF170016	JDB 120026	RRF 060042	6	0.5				114	78	110	76	105	76	103	75	109	51	126	66	120	76	104	40	123	61	101	30
2	RRF 180201	RRF180201	JDB 120026	RRF 110091	7	0.6				92	78	120	76	99	77	91	74	113	47	120	65	118	76	107	42	118	60	102	30
3	RRF 180326	RRF180326	JDB 120026	RRF 080018	6	3.0				119	80	98	78	96	78	115	76	131	52	126	67	106	78	92	45	120	63	84	36
4	RRF 210014	RRF210014	RRF 150038	RRF 150081	7	0.9				136	74	87	71	96	62	119	52	122	44	120	58	99	68	89	36	115	54	89	24
5	RRF 220024	RRF220024	CEF 180505	RRF 110005	7	0.8				99	73	119	73	106	64	86	57	120	46	129	59	121	69	111	54	127	58	113	51
6	RRF 220039	RRF220039	CEF 180505	RRF 190014	7	0.8				114	70	117	71	103	62	89	70	109	42	128	59	124	69	111	48	126	57	119	47
7	RRF 220048	RRF220048	CEF 180505	RRF 180301	7	1.0				111	71	115	70	114	63	80	56	113	41	129	57	124	67	110	49	127	55	121	48
8	RRF 220053	RRF220053	CEF 180505	RRF 120042	7	0.7				97	74	123	73	102	60	83	58	104	47	120	59	124	69	111	52	119	58	116	51
9	RRF 230013	RRF230013	CEF 180505	RRF 190046	7	0.9				104	69	120	70	103	54	85	55	104	40	122	55	123	65	106	48	120	54	121	47
10	RRF 230015	RRF230015	CEF 180505	RRF 170057	7	1.1				111	72	113	71	91	58	90	56	120	44	122	57	111	67	107	50	120	56	115	50
11	RRF 230017	RRF230017	CEF 180505	RRF 140006	6	0.6				106	70	107	71	115	59	98	57	108	42	121	57	116	67	107	50	120	56	114	49
12	RRF 230027	RRF230027	CEF 180505	RRF 180321	7	0.9				108	69	110	70	105	56	93	56	116	41	122	56	113	65	105	50	120	55	116	49
13	RRF 230037	RRF230037	CEF 180505	RRF 150099	6	1.0				108	70	110	71	113	59	95	56	103	42	121	57	118	67	107	50	119	56	120	50
14	RRF 230058	RRF230058	CEF 180505	RRF 080033	7	1.0				109	73	119	74	112	62	83	57	109	46	129	59	128	69	107	54	127	58	126	52
15	RRF 240001	RRF240001	CEF 180505	RRF 210013		1.7				109	60	119	70	97	55	91	56	105	42	123	54	122	64	106	52	121	54	115	53
16	RRF 240005	RRF240005	CEF 180505	RRF 200041		1.0				106	69	122	70	102	56	81	55	112	40	127	55	126	65	120	49	128	54	128	48
17	RRF 240006	RRF240006	CEF 180505	RRF 180326		1.9				101	70	118	71	103	58	93	57	120	43	129	57	123	67	103	50	126	56	112	50
18	RRF 240014	RRF240014	CEF 180505	RRF 120042		0.7				114	72	114	73	100	60	86	58	106	46	120	59	117	69	109	52	119	58	113	51

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
						Italics: DNA Test										
19	RRF 240017	RRF240017	CEF 180505	RRF 180201	1.0		10070	12271	10558	8856	11241	12956	12667	11250	12755	11748
20	RRF 240036	RRF240036	RRF 210010	RRF 210060	2.1		10865	10867	11545	9146	10634	12050	11560	10232	11846	10629
1	RRF 140006	RRF140006	BBM 100050	RRF 100073	70.2		11680	8578	11880	12177	10750	11067	10078	9740	10862	9234
2	RRF 140012	RRF140012	BBM 100050	RRF 080033	70.9		12782	7480	12683	12276	11654	11469	9380	9050	10965	9242
3	RRF 150054	RRF150054	RRF 110046	RRF 110048	70.7		9680	10578	10680	9076	13251	11967	10178	11146	11963	10644
4	RRF 150081	RRF150081	BBM 100050	RRF 110007	70.2		13281	7479	10781	14076	12153	11668	9479	7748	10864	7740
5	RRF 160002	RRF160002 NRF	RRF 120037	RRF 120069	70.4		12080	9777	12079	9475	9449	11266	11077	9736	10960	9324
6	RRF 160018	RRF160018 NRF	RRF 120046	RRF 110079	80.9		9180	11577	9579	8273	11649	11166	10877	10940	11161	10426
7	RRF 160061	RRF160061 NRF	RRF 110046	RRF 080031	71.2		9680	10978	11679	9275	10652	11567	11478	10444	11362	10844
8	RRF 170083	RRF170083	JDB 120026	RRF 090010	60.9		11581	9978	10078	10174	11251	11367	10278	10943	11362	10632
9	RRF 200041	RRF200041	RRF 170034	RRF 130066	61.5		8974	12072	10169	8271	11444	11761	11671	12836	12156	11628
10	RRF 210076	RRF210076	RRF 180365	RRF 160053	61.6	000	9270	12570	10461	7669	9741	11558	12668	12434	11853	11732
11	RRF 220009	RRF220009	CEF 180505	RRF 120066	60.5		11673	11274	8966	8171	10845	11361	11072	11450	11359	11246
12	RRF 220022	RRF220022	CEF 180505	RRF 130101	72.1		10873	12072	9660	8757	9047	11359	12268	10852	11358	11350
13	RRF 220049	RRF220049	CEF 180505	RRF 120057	80.8		9373	11874	10266	9571	9847	11462	12072	11652	11560	11951
14	RRF 220079	RRF220079	RRF 180347	RRF 130066	62.6	000	8771	11971	10961	8468	10343	11359	11869	12637	11755	11232
15	RRF 230006	RRF230006	CEF 180505	RRF 130100	71.4		10672	11072	10061	9357	10044	11158	11168	10650	11056	11148
16	RRF 230009	RRF230009	CEF 180505	RRF 140061	62.1		11970	10972	8759	9856	10443	11357	11067	10250	11156	11148
17	RRF 230022	RRF230022	CEF 180505	RRF 140048	70.5		9772	11672	10560	8257	11243	11758	11568	10251	11557	11549
18	RRF 230044	RRF230044	CEF 180505	RRF 120069	80.7		11772	11473	10161	8657	9942	11858	11869	10349	11656	11147
19	RRF 230056	RRF230056	CEF 180505	RRF 120026	60.8		10172	11673	9960	8757	10245	11358	11468	11052	11357	11751
20	RRF 230057	RRF230057	CEF 180505	RRF 110063	61.4		8772	12073	10161	8857	10745	11459	11669	9853	11158	11151
21	RRF 230061	RRF230061	CEF 180505	RRF 130073	61.1		7873	12372	11060	8957	11047	11959	12168	11052	11858	12552
22	RRF 230062	RRF230062	RRF 190026	RRF 180301	62.2		12070	10367	11550	8347	10338	11752	11262	10932	11648	11226
23	RRF 230077	RRF230077	RRF 190026	RRF 170083	2.6		10568	10869	10752	9348	10039	11153	11163	11634	11349	11427
24	RRF 230079	RRF230079	RRF 190026	RRF 200037	61.6		11165	11767	10346	8246	8436	11050	12160	11732	11246	11525
25	RRF 240003	RRF240003	CEF 180505	RRF 200047	0.6		11969	10970	9954	9255	10540	11955	11465	10548	11754	11447

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										
★★★★★																											
26	RRF 240007	RRF240007	CEF 180505	RRF 130100	1.4			102	72	119	72	97	61	86	57	99	44	114	58	118	68	108	50	114	56	116	48
27	RRF 240008	RRF240008	CEF 180505	RRF 190087	0.4			113	69	109	70	105	56	96	55	99	40	116	55	116	65	103	48	114	54	114	47
28	RRF 240009	RRF240009	CEF 180505	RRF 190077	0.6			89	69	123	70	105	56	91	56	93	40	114	55	124	65	108	48	113	54	120	47
29	RRF 240012	RRF240012	CEF 180505	RRF 190081	1.2			99	69	120	70	91	56	92	55	105	40	115	55	118	65	105	48	114	54	115	47
30	RRF 240015	RRF240015	CEF 180505	RRF 160053	0.8			86	70	122	71	101	58	85	57	104	42	113	57	118	67	111	50	113	56	119	51
31	RRF 240032	RRF240032	RRF 190026	RRF 150081	1.4			137	68	87	70	109	54	115	49	105	39	116	54	104	64	96	36	113	50	96	30
32	RRF 240040	RRF240040	RRF 210010	RRF 210076	3.3			112	65	114	67	100	46	85	46	105	34	119	50	116	60	114	32	119	46	113	32
★★★★☆																											
1	RRF 120042	RRF120042	FCT 980067	RRF 060053	7	0.3		119	84	98	80	92	84	92	80	101	60	101	71	95	81	102	52	100	67	89	44
2	RRF 130073	RRF130073	PHR 030036	RRF 040051	7	0.6		68	82	117	80	109	82	96	77	109	59	109	70	111	80	107	53	108	67	113	46
3	RRF 150052	RRF150052	WAT 100145	RRF 060074	6	0.4		94	80	105	78	95	79	100	74	106	50	102	67	100	78	98	38	100	61	98	24
4	RRF 150068	RRF150068	WAT 100145	RRF 050049	5	0.4		76	80	107	78	139	81	85	76	87	50	101	67	112	79	93	41	99	62	96	24
5	RRF 150099	RRF150099	RRF 110046	RRF 120084	1.6			101	79	96	78	117	79	110	74	97	49	105	66	104	78	99	42	104	61	105	40
6	RRF 160059	RRF160059 NRF	RRF 120046	RRF 110091	6	0.7		97	80	114	77	90	79	87	75	97	49	102	66	106	77	109	40	103	61	106	26
7	RRF 180352	RRF180352	LAR 110071	RRF 120057	6	0.9		121	78	107	76	100	74	91	75	74	55	101	66	112	76	123	47	105	62	115	42
8	RRF 190046	RRF190046 NRF	RRF 150038	RRF 160044	7	0.7		117	73	99	71	98	63	97	70	100	43	105	59	101	70	96	34	103	54	98	20
9	RRF 200047	RRF200047 NRF	JRB 150019	RRF 160002	7	0.6	000	118	73	100	71	87	66	98	70	100	42	101	60	97	70	99	26	100	53	96	18
10	RRF 210011	RRF210011	SYF 150155	RRF 120066	6	0.5		115	76	97	75	86	72	96	73	113	51	102	64	91	74	100	50	101	61	89	49
11	RRF 210013	RRF210013	SYF 150155	RRF 110005	7	0.7		119	73	98	74	88	68	111	73	102	51	105	63	99	73	94	54	102	61	88	54
12	RRF 210028	RRF210028	RRF 180338	RRF 140006	6	1.2		123	69	94	70	114	60	95	68	95	41	107	57	103	68	104	34	107	52	101	27
13	RRF 210042	RRF210042	RRF 180365	RRF 090004	6	1.0		92	75	117	72	97	62	87	69	93	43	104	60	113	70	126	37	109	55	117	24
14	RRF 210057	RRF210057	RRF 180365	RRF 090010	7	0.8		79	72	127	72	112	62	78	68	83	43	107	59	127	70	124	34	111	54	119	26
15	RRF 210081	RRF210081	RRF 180365	RRF 170024	6	1.7		75	70	129	70	93	65	81	71	95	39	104	58	119	69	118	32	107	53	111	26
16	RRF 220013	RRF220013	CEF 180505	RRF 100006	7	1.0		84	74	120	74	95	66	92	70	94	45	103	61	113	72	111	50	104	59	113	48
17	RRF 230004	RRF230004	CEF 180505	RRF 100006	7	1.0		97	74	115	73	89	61	87	57	96	44	101	59	107	69	108	50	102	57	114	48
18	RRF 230018	RRF230018	CEF 180505	RRF 090013	6	0.7		95	72	111	73	96	61	92	56	97	43	102	58	105	69	108	51	103	57	111	48
19	RRF 230029	RRF230029	CEF 180505	RRF 100072	8	0.2		119	72	103	62	95	60	94	57	97	39	107	54	105	62	94	48	104	53	105	46
20	RRF 230034	RRF230034	CEF 180505	RRF 190082	1.2			94	69	116	70	100	55	91	55	98	40	109	55	114	65	109	48	109	54	116	48

Selection List on Cow Value

Cows 2 years and older

ID	Name	Sire ID	Dam ID	Visual Score	% Inbreeding	Horned / Polled	Myostatin	Q204X	nt821	F94L	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							Italics: DNA Test				Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc													
												★★★★☆																						
21	RRF 230063	RRF230063	CEF 180505	RRF 190211	6	1.3									102	69	115	70	100	55	90	55	92	39	109	55	115	65	105	48	108	54	114	48
22	RRF 240016	RRF240016	CEF 180505	RRF 130101	2.1										114	72	109	72	98	60	93	57	93	44	109	58	111	68	103	52	108	57	109	50
23	RRF 240031	RRF240031	RRF 190026	RRF 120069	2.6										120	69	99	71	105	55	93	49	89	38	103	54	104	65	105	32	103	50	99	24
24	RRF 240033	RRF240033	RRF 210010	RRF 190211	2.8										104	67	113	68	93	49	91	47	94	34	106	51	110	62	105	31	105	47	104	29
25	RRF 240037	RRF240037	RRF 190026	RRF 160059	1.8										103	68	114	70	100	53	86	48	92	38	107	54	113	64	115	34	109	50	115	26
26	RRF 240046	RRF240046	RRF 210010	RRF 190019	1.5										127	67	98	68	86	50	99	48	110	36	109	52	97	62	98	34	107	48	96	30
27	RRF 240047	RRF240047	RRF 190026	RRF 110063	2.1										84	70	111	71	105	55	93	49	97	41	101	55	107	65	101	39	100	52	100	32
												★★★★																						
1	RRF 120069	RRF120069	RRF 070043	RRF 990052	7	0.5									126	83	88	81	97	85	100	77	90	51	92	70	89	82	90	37	90	63	78	16
2	RRF 140048	RRF140048	BBM 100050	RRF 040027	7	0.5									113	82	80	79	104	82	96	77	115	52	93	69	75	80	87	45	90	64	81	34
3	RRF 140061	RRF140061	RRF 080028	RRF 080018	7	13.4									119	81	93	78	66	81	124	75	98	52	91	68	88	79	87	45	88	63	86	32
4	RRF 160053	RRF160053 NRF	RRF 110046	RRF 120042	6	2.4									98	79	107	77	87	78	90	76	98	51	95	67	96	77	107	42	96	62	102	44
5	RRF 160070	RRF160070 NRF	RRF 120031	RRF 130068	6	1.0									112	79	103	74	91	75	104	75	83	52	96	65	103	75	107	42	98	60	104	34
6	RRF 160076	RRF160076 NRF	RRF 120031	RRF 120072	6	1.6									125	79	98	76	77	77	111	74	82	50	92	66	96	76	108	39	94	61	100	28
7	RRF 170079	RRF170079	RRF 120046	RRF 080047	6	6.9									72	77	113	75	119	72	88	73	85	50	96	64	110	75	97	44	95	60	101	32
8	RRF 190019	RRF190019	RRF 150038	RRF 100016	7	3.6									116	77	100	75	75	71	95	72	104	45	95	63	90	74	94	36	93	58	91	24
9	RRF 190077	RRF190077	JRB 150051	RRF 160070	7	0.3									88	73	110	71	101	69	110	73	77	42	95	60	112	71	103	26	96	53	100	20
10	RRF 210035	RRF210035	SYF 150155	RRF 070019	6	0.8									113	75	95	74	90	69	110	73	98	51	97	63	93	73	87	52	93	61	85	49
11	RRF 220075	RRF220075	RRF 190012	RRF 190077	6	0.9	0	0	0				77	68	119	67	92	57	98	67	79	37	92	55	111	65	119	28	96	50	107	22		
12	RRF 230065	RRF230065	RRF 190026	RRF 170050	7	1.7									99	67	108	69	107	51	94	47	84	38	99	53	110	63	110	34	101	49	106	26
13	RRF 240034	RRF240034	RRF 190026	RRF 150096	1.4										114	68	105	70	88	53	88	48	92	38	98	54	100	64	108	34	99	50	107	24
												★★★★☆																						
1	RRF 090010	RRF090010	JJF 980063	RRF 060081	7	1.2									91	84	98	80	110	85	94	78	77	54	83	70	95	81	105	43	85	65	101	26
2	RRF 120026	RRF120026	FCT 980067	RRF 050093	7	0.5									98	82	97	80	92	84	98	76	95	58	87	70	88	81	107	53	90	67	94	44
3	RRF 120072	RRF120072	RRF 070043	RRF 080030	7	0.6									108	82	95	79	90	82	102	77	82	54	83	69	89	80	91	44	82	64	81	26
4	RRF 130100	RRF130100	THE 060036	RRF 990054	6	0.5									97	83	92	81	94	84	110	77	91	56	83	70	86	81	99	43	84	65	82	31

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	<i>Italics: DNA Test</i>	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc										
5	RRF 150096	RRF150096	RRF 120037	RRF 060086	7	1.2		110	80	95	78	70	80	97	73	97	49	81	67	80	78	95	40	81	62	89	22
6	RRF 170050	RRF170050	RRF 120056	RRF 080027	7	1.4		91	75	104	75	101	73	103	73	79	49	89	64	102	74	98	41	89	59	91	32
7	RRF 200027	RRF200027	RRF 160065	RRF 120025	6	8.7		95	73	110	71	67	64	86	69	102	43	87	59	89	70	117	36	91	54	108	28
8	RRF 200031	RRF200031	RRF 160054	RRF 140048	8	0.9		102	73	88	72	95	69	99	70	110	42	89	60	78	71	103	34	90	55	90	23
9	RRF 200040	RRF200040	RRF 170034	RRF 120072	7	1.4		79	72	118	72	85	65	86	70	88	41	88	59	102	70	115	32	92	54	104	18
10	RRF 200043	RRF200043	RRF 160054	RRF 100072	8	0.3		106	72	89	71	104	66	109	70	88	38	88	59	90	70	97	29	88	53	88	16
11	RRF 230028	RRF230028	RRF 180347	RRF 150065	6	0.8		102	67	97	58	105	49	98	49	79	38	87	49	97	57	104	33	89	46	97	26
12	RRF 230060	RRF230060	RRF 180347	RRF 120072	6	1.7		82	69	106	70	95	54	93	50	80	38	80	54	95	64	107	34	83	50	94	24
1	RRF 100022	RRF100022	CEF 050392	RRF 070012	7	0.5		75	82	112	76	88	83	70	74	83	50	72	67	92	78	117	48	79	63	104	42
2	RRF 130052	RRF130052	THE 060036	RRF 060042	8	0.6		78	80	108	79	86	81	96	78	75	55	75	69	92	79	109	44	79	64	93	31
3	RRF 130099	RRF130099	THE 060036	RRF 080047	8	3.3		69	83	108	81	99	85	92	78	80	58	77	71	92	82	104	50	80	67	93	37
4	RRF 130101	RRF130101	THE 060036	RRF 080021	6	3.7		109	82	93	80	91	83	106	77	75	57	79	70	89	80	93	47	80	65	82	37
5	RRF 170024	RRF170024	RRF 120056	RRF 070025	7	1.0		75	77	106	75	82	75	90	74	100	48	79	64	83	75	98	38	80	59	90	24
1	RRF 100006	RRF100006	RRF 060035	RRF 980004	7	7.7		82	85	104	82	70	86	94	76	79	52	65	70	80	82	104	44	69	65	91	26

Selection List on Cow Value

Bull calves younger than 2 years

ID Sorted on ID	Name	Sire ID	Dam ID	Visual Score % Inbreeding	Horned / Polled	Myostatin Q204X n1821 F94L <i>Italics: DNA Test</i>	Genomic test	Calving Ease Value Acc	Calf Growth Value Acc	Milk Value Acc	Maint. Value Acc	Fertility Value Acc	Cow Value Acc	Weaner Calf Value Acc	Growth Value Acc	Prod Value Acc	Carcass Value Acc
								★★★★★★									
1	RRF 250019	RRF250019	RRF 220010	RRF 210042	1.6			92 65	129 65	112 43	84 44	109 31	131 48	134 58	122 32	132 45	131 28
2	RRF 250055	RRF250055	RRF 220010	RRF 150081	1.9			125 67	94 67	121 51	121 47	124 35	137 51	118 62	94 34	130 48	104 32
3	RRF 250060	RRF250060	RRF 220010	RRF 160061	5.2			119 66	110 67	120 50	91 47	116 34	135 51	124 61	108 34	132 48	122 33
								★★★★★☆									
1	RRF 250037	RRF250037	RRF 220010	RRF 210081	1.5			95 64	125 65	110 44	85 45	110 29	129 48	129 58	116 30	129 44	124 28
2	RRF 260012	RRF260012	LAR 160453	RRF 170083	1.5			104 71	104 62	121 60	97 59	118 42	124 54	113 63	111 50	123 53	110 48
								★★★★★									
1	RRF 250005	RRF250005	RRF 210052	RRF 220048	1.7			130 64	98 65	107 42	92 37	107 29	117 47	106 57	108 30	117 44	115 28
2	RRF 250014	RRF250014	RRF 210010	RRF 180352	2.2			122 68	105 69	100 51	95 49	94 38	111 53	110 63	114 36	112 50	113 34
3	RRF 250031	RRF250031	RRF 210010	RRF 160002	1.8			122 68	101 69	109 53	96 49	104 36	117 53	110 63	101 32	114 49	101 30
4	RRF 250036	RRF250036	RRF 220010	RRF 150096	1.1			112 67	108 67	99 50	93 46	111 33	117 51	110 61	103 32	115 47	112 28
5	RRF 250038	RRF250038	RRF 210010	RRF 160046	1.6			101 68	117 69	100 52	85 48	103 37	114 53	116 63	117 35	116 49	119 30
6	RRF 250041	RRF250041	RRF 210010	RRF 220009	2.2			129 66	101 68	94 48	92 47	111 35	115 51	103 61	108 38	115 48	109 36
7	RRF 250049	RRF250049	RRF 210010	RRF 140048	0.6			120 68	98 70	98 54	91 49	113 38	111 54	97 64	99 36	108 50	102 32
8	RRF 250053	RRF250053	RRF 220018	RRF 190019	2.6			117 65	114 65	86 46	87 46	100 32	112 49	112 59	107 32	111 46	112 28
9	RRF 250162	RRF250162	RRF 210002	RRF 170079	1.4			102 64	106 52	114 45	90 45	98 32	110 45	110 52	102 28	108 42	105 20
10	RRF 260003	RRF260003	LAR 160453	RRF 210042	2.6			105 69	107 61	118 55	90 57	108 40	119 52	114 61	120 48	121 51	116 47
								★★★★★☆									
1	RRF 250006	RRF250006	RRF 210052	RRF 220049	1.4			109 64	105 65	102 43	98 43	100 31	109 48	108 58	112 32	110 45	114 28
2	RRF 250032	RRF250032	RRF 210010	RRF 130099	3.4			102 69	106 70	96 55	94 50	97 40	101 55	102 65	105 37	101 51	103 32
3	RRF 250040	RRF250040	RRF 210010	RRF 120069	2.7			135 69	91 71	98 55	102 50	102 37	109 54	99 65	97 34	106 50	94 28
4	RRF 250058	RRF250058	RRF 210052	RRF 190077	1.9			114 64	100 65	100 44	104 44	89 30	102 48	104 58	106 22	102 43	105 16
5	RRF 250160	RRF250160	RRF 210010	RRF 170024	2.8			102 66	102 58	90 50	95 48	107 36	100 49	94 56	101 34	99 46	98 30
								★★★★									

Selection List on Cow Value

Bull calves younger than 2 years

ID Name Sorted on ID		Sire ID	Dam ID	Visual Score % Inbreeding	Horned / Polled	Myostatin Q204X nI821 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
						Italics: DNA Test				★★★★★★★★★★									
1	RRF 250026	RRF250026	RRF 210010	RRF 120072	4.4					13069	7170	10154	13149	10138	9454	8164	9036	9250	8230
2	RRF 250027	RRF250027	RRF 210010	RRF 100022	1.0					10069	10070	9654	8948	9937	9354	9164	10936	9550	10434
3	RRF 250059	RRF250059	RRF 210052	RRF 200031	1.9					12064	8865	9744	10043	10629	9848	8758	10524	9943	10018

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 n1821 F94L	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc
						<i>Italics: DNA Test</i>										
1	RRF 250021	RRF250021	RRF 210010	RRF 180349	4.5		11667	11469	10851	9548	11736	13452	12563	10834	13248	11132
2	RRF 250024	RRF250024	RRF 220010	RRF 210011	1.7		11365	11466	10547	9046	11934	13150	12060	10736	12847	11234
3	RRF 250043	RRF250043	RRF 220010	RRF 200041	1.5		10764	11766	11446	8745	12031	13549	12559	12031	13545	12428
4	RRF 250054	RRF250054	RRF 220010	RRF 170013	1.1		10466	12667	12349	8846	11633	14751	14161	12332	14647	13430
1	RRF 250028	RRF250028	RRF 210010	RRF 170016	3.6		13168	10469	9951	10049	11137	12653	11463	10534	12349	10431
2	RRF 250033	RRF250033	RRF 220010	RRF 200040	1.7		9264	12166	10744	8745	10730	12149	12259	11430	12145	11726
3	RRF 250035	RRF250035	RRF 220010	RRF 200043	1.2		10164	11365	11545	9445	10629	12348	12159	10729	12144	11226
4	RRF 250045	RRF250045	RRF 220018	RRF 150054	1.3		10366	11367	10550	8747	11434	12151	11561	11534	12148	11634
5	RRF 250046	RRF250046	RRF 210010	RRF 180326	4.5		12168	9769	9952	10849	12238	12153	10563	9836	11850	9432
6	RRF 250050	RRF250050	RRF 210010	RRF 180201	3.7		10267	11868	9852	9049	11236	12252	11863	10834	12048	10831
7	RRF 250057	RRF250057	RRF 220010	RRF 160059	1.8		10766	11967	10850	8647	11133	12951	12561	11232	12847	12128
8	RRF 250153	RRF250153	RRF 210010	RRF 220024	1.3		10665	11266	10447	9342	11736	12450	11559	10838	12248	10938
9	RRF 260005	RRF260005	CEF 180505	RRF 230062	1.2		11067	11859	11250	8148	10638	12749	12757	11248	12549	12648
10	RRF 260008	RRF260008	LAR 160453	RRF 140012	0.7		11871	9063	13361	10460	12043	12755	11063	10252	12354	10350
1	RRF 250003	RRF250003	RRF 210052	RRF 220039	1.5		13463	9965	10042	9543	10530	11848	10758	10930	11744	11226
2	RRF 250009	RRF250009	RRF 210052	RRF 220040	4.5		12864	9565	9843	10443	11130	11448	10258	10331	11345	10628
3	RRF 250010	RRF250010	RRF 210010	RRF 150068	0.7		9468	10769	12053	9149	10037	11053	11163	10035	10849	10330
4	RRF 250011	RRF250011	RRF 210052	RRF 220079	4.3		10263	11265	10441	8942	10129	11247	11257	11825	11443	11120
5	RRF 250016	RRF250016	RRF 210010	RRF 150052	0.7		11368	10169	9753	10049	11037	11053	10263	10134	10849	10230
6	RRF 250018	RRF250018	RRF 210010	RRF 140006	0.9		11368	9669	10953	10650	11037	11353	10463	10234	11149	10032
7	RRF 250022	RRF250022	RRF 210010	RRF 150099	4.2		10668	10169	10953	10449	10537	11253	10763	10234	11049	10534
8	RRF 250042	RRF250042	RRF 220018	RRF 140012	0.9		13366	9067	11551	10447	10635	11851	10661	10336	11648	10532
9	RRF 250056	RRF250056	RRF 220018	RRF 190087	0.6		10463	11465	10246	9346	9131	11049	11759	10729	11045	11228
10	RRF 260004	RRF260004	LAR 160453	RRF 200027	1.1		10469	10460	10356	8958	11340	11052	10360	11548	11251	11148
11	RRF 260006	RRF260006	SYF 150155	RRF 230051	3.1		10869	10961	9056	10456	10745	11353	10961	9652	11053	10254
12	RRF 260011	RRF260011	LAR 160453	RRF 160076	1.2		10670	10462	10959	10159	10342	11354	11162	11150	11453	10748

Selection List on Cow Value
Heifers younger than 2 years

ID Sorted on ID	Name	Sire ID	Dam ID	Visual Score % Inbreeding	Horned / Polled	Myostatin 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
13	RRF 260206	RRF260206	RRF 130066	0.0				9960	10041	10741	10040	11530	11039	10244	9127	10637	9126
1	RRF 250012	RRF250012	RRF 210010	RRF 140061	3.9			12868	9769	8153	10749	10537	10553	9663	9636	10350	9732
2	RRF 250029	RRF250029	RRF 210052	RRF 220013	1.4			9665	11465	9843	9343	9731	10748	11158	11031	10845	11028
3	RRF 250034	RRF250034	RRF 210010	RRF 160053	4.1			11268	10169	9452	9749	10737	10653	9963	10435	10549	10135
4	RRF 250047	RRF250047	RRF 210010	RRF 130100	1.7			11569	9470	9655	10649	10239	10154	9564	10234	10150	9432
5	RRF 250051	RRF250051	RRF 210010	RRF 160070	0.7			12968	9668	9451	10549	9937	10853	10262	10534	10849	10232
6	RRF 250148	RRF250148	RRF 190026	RRF 210035	2.5			10067	11268	10049	9348	9338	10552	11162	10338	10549	10432
7	RRF 250163	RRF250163	RRF 210002	RRF 170050	1.2			10363	10762	10646	9845	9532	10748	11057	10226	10644	10018
8	RRF 250164	RRF250164	RRF 210002	RRF 200027	2.9			9862	10961	9242	9243	10729	10446	10255	11125	10542	10718
9	RRF 260002	RRF260002	SYF 150155	RRF 230061	2.5			10270	10761	9057	10556	10746	10754	10461	9752	10454	10655
10	RRF 260010	RRF260010	LAR 160453	RRF 100006	0.8			8472	10864	10662	9360	10143	10056	10464	10950	10155	10348
11	RRF 260209	RRF260209	RRF 210014		0.0			11657	8836	9831	11326	11622	10632	9137			8112
1	RRF 250023	RRF250023	RRF 210010	RRF 100006	1.8			10870	10871	8155	9149	9537	9654	9865	10636	9750	10230
2	RRF 250044	RRF250044	RRF 210010	RRF 130101	3.4			11868	9270	9754	10850	9539	9854	9564	9836	9750	9132
3	RRF 250048	RRF250048	RRF 210052	RRF 220075	4.7			9663	10964	9740	9842	9027	9946	10657	11422	10141	10618
4	RRF 250150	RRF250150	RRF 190026	RRF 110004	0.4			10770	9971	10656	9350	9341	9955	10066	10038	9852	10030
5	RRF 250154	RRF250154	RRF 210007	RRF 130052	1.9			9864	10364	9552	9950	9438	9551	9760	10434	9648	9831
6	RRF 250165	RRF250165		RRF 160076	0.0			10358	9956	8739	10337	9725	9242	9351	8720	8938	8914
7	RRF 260001	RRF260001	SYF 150155	RRF 230004	2.5			11270	10362	7957	10456	9945	9854	9662	9652	9654	10054
8	RRF 260207	RRF260207	RRF 130073		0.0			10560	8940	10141	10238	11030	9638	8543	8526	9236	9323
1	RRF 260205	RRF260205	RRF 090010		0.0			9061	9440	10543	10139	9427	8638	8944	8422	8335	8713
2	RRF 260208	RRF260208	RRF 130052		0.0			9559	9339	9240	10239	9328	8137	8342	8622	8034	8316

