

ANGUS

GENOMIC BREEDING VALUE REPORT

September 2026



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EBVs, EBVi's and GEBVs

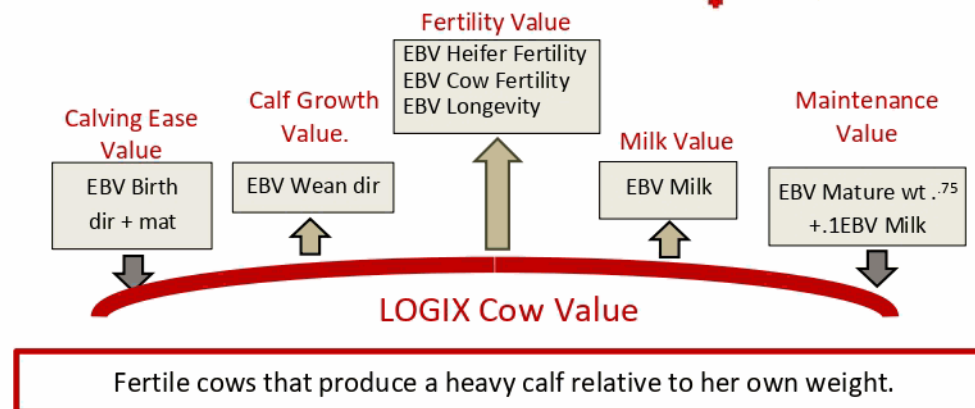
EBVi (Breeding Value Index): Genetic potential relative to the average (100) of the live animals in the breed. Roughly 50% of the animals have values between 90 and 110. Values above 100 tend to be in the more favourable direction.

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

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

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

LOGIX Cow Value



Selection Values

LOGIX Cow Value



Selecting for:

- fertile,
- low maintenance,
- easy calving cows
- with heavy weaners

LOGIX Growth Value



Select for efficient growers on veld and in feedlot, as measured in Phase C and D Growth Tests.

LOGIX Production Value



80% LOGIX Cow Value + 20% LOGIX Growth Value

LOGIX Carcass Value



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

How to use the Cow Value

Selection values should be compatible with your selection goal.

AVERAGE ANIMALS

(NO GROWTH EXTREMES)

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

GROWERS

(GOOD ENVIRONMENT)

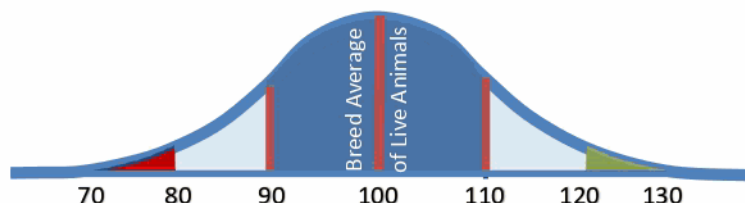
- Calf Growth / Growth Value > 120
 - Cow Value and Fertility Value average to high
- Growers are usually heavier at birth (lower Calving Ease Value), and maturity (lower Maintenance Value).

LOW- MAINTENANCE ANIMALS

(HARSH ENVIRONMENT)

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

Interpretation of EBVi and Selection Values

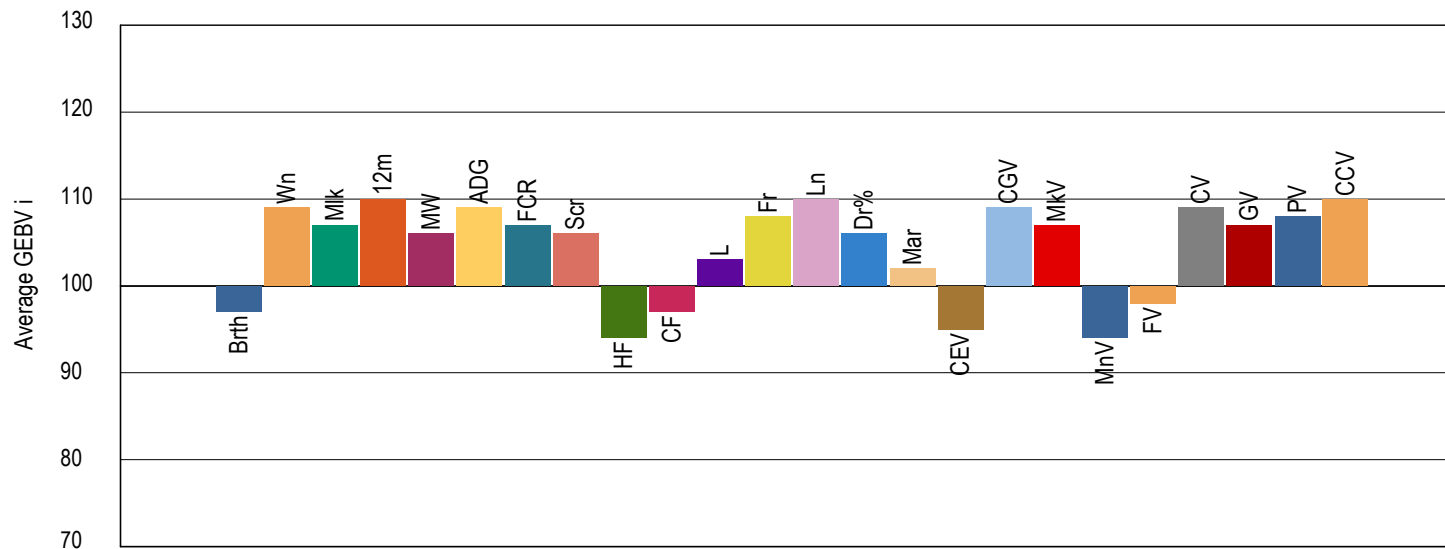


Examples

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

	EBVi	Description / Measurement	Goal	High Value	Low Value
Selection Values	Calving Ease Value	Difficult calving due to high birth weight	Average birth weight	High	Low
	Calf Growth Value	Calf's genetic ability for prewean growth	Heavy weaner	Light	Heavy
	Milk Value	Cow's genetic mothering and milking ability	Enough milk for calf	Less	More
	Maintenance Value	Maintenance requirement of cow (weight and milk)	Low cow maintenance	High	Low
	Fertility Value	Fertility and retention of cows and heifers	Fertile cows	Low	High
	Cow Value	Combination of calving ease, calf growth, milk, maintenance and fertility values (Rand-value)	Profitable cows	Loss	Profit
	Growth Value	Efficient growth on veld and in feedlot (Rand-value)	Profitable growth	Loss	Profit
	Production Value	Combination of Cow- and Growth Values (Rand-value)	Profitable animals	Loss	Profit
	Carcass Value	Meat on carcass (Weight and RTU EBVs)	Meat on carcass	Less	More
Birth	Cow weight - birth	Cow weight at birth of calves	Mature cow weight	Light	Heavy
	Birth weight direct	Birth weight (Calf's genetic ability)	Average birth weight	Heavy	Light
	Cow-Calf birth	EBV Birth dir / EBV Mature cow weight	Average	Low	High
Wean	Cow Weight wean	Cow weight at weaning of calves	Mature cow weight	Light	Heavy
	Weaning weight direct	Weaning weight (Calf's genetic ability)	Heavy weaners	Light	Heavy
	Weaning weight mat	Weaning weight (Dam's genetic ability)	Good mothers	Poor	Good
	Cow-Calf Wean	EBV Wean dir / EBV Mature cow weight	High cow-calf ratio	Low	High
Growth & Adaptation	Post-Wean weight	12- and 18mnth weights	Post-wean growth	Low	High
	Ave. Daily Gain	Average daily gain in growth test (Phase C and D)	Good growth	Poor	Good
	Veld Growth	ADG on veld (Phase B)	Good adaptation	Poor	Good
	Feed Conversion Ratio	100g feed intake / g weight gain	Feed Efficiency	Poor	Good
	Final Test Weight	Final weight in growth test (Phase C and D)	Heavy Carcasses	Light	Heavy
	Skin Thickness	Measured in growth tests	Thicker skin	Thick	Thin
Fertility	Scrotal Circumference	Scrotal circumference in growth test	Fertile bulls	Less	More
	Heifer Fertility	Age at first calving	Fertile heifers	Less	More
	Cow Fertility	First 3 inter-calving periods (ICPs)	Fertile cows	Less	More
	Longevity	Retention of progeny	Acceptable progeny	Poor	Good
Frame	Height	Shoulder / Hip height in growth test	Average height	Short	Tall
	Length	Length in growth test	Longer (more meat)	Short	Long
	Length:Height	EBV Length / EBV Height	Longer, not higher	<1	>1
Carcass	Eye Muscle Area	RTU Eye muscle area	Bigger steaks	Small	Big
	Fat	RTU P8 Backfat Thickness	Carcass quality	Thin	Thick
	Marbling	RTU % Marbling	Juicy meat	Low	High
	Dressing%	Carcass weight / Live weight	High dressing %	Low	High

Herd and Breed Averages



Genomic Breeding Values (GEBVs):

Brth:	Birth weight	Scr:	Scrotal circumf.
Wn:	Weaning weight	HF:	Heifer Fertility
B.m:	Birth maternal	CF:	Cow Fertility
Mlk:	Milk	LL:	Longevity
12m:	2 mo weight	Fr:	Frame
MW:	Mature weight	Ln:	Length
ADG:	Average Daily Gain	Dr%:	Dressing%
FCR:	Feed Conversion Ratio	Mar:	Marbling

Selection Values:

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

	Trait	EBV Herd	EBVi Herd	EBV Breed
Prewean Growth	Birth Weight	1.92	97	1.64
	Wean Weight	38.3	109	33.6
	Birth Mat.	0.49	95	0.30
	Milk (Wn.Mat.)	9.0	107	6.6
Postwean Growth	12m weight	75	110	65.1
	Mature Weight	73	106	65
	ADG	252	109	217
	FCR	-112	107	-100
Fertility	Scrotal Circumf.	23.0	106	20.5
	Heifer Fertility	-1.3	94	-4.3
	Cow Fertility	-1.9	97	-2.2
	Longevity	34.6	103	32.7
Frame	Frame score	1	108	0
	Length	57	110	49
Carcass	Dressing%	0.80	106	0.69
	Marbling	0.86	102	0.71

Selection Value	Ave. Herd
Calving Ease	95
Calf Growth	109
Milk	107
Maintenance	94
Fertility	98
Cow Value	109
Growth Value	107
Production Value	108
Carcass Value	110

- 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 and earlier

Total:

130
120
110
100
90
80
70

130
120
110
100
90
80
70

Sires of young animals

Sires of animals 3 years and younger

Total:

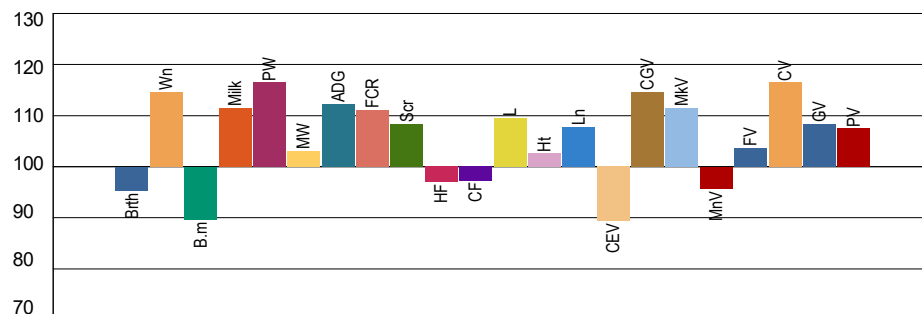
130
120
110
100
90
80
70

130
120
110
100
90
80
70

Bull calves

Bulls born in 2025

Total: 9



Cow Herd

Cows born in and earlier

Total:

130
120
110
100
90
80
70

Cows older than 6 years

Cows born in and earlier

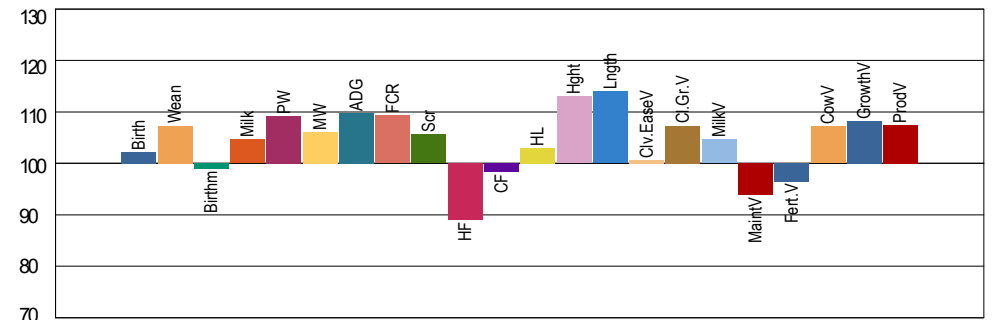
Total:

130
120
110
100
90
80
70

Heifer calves

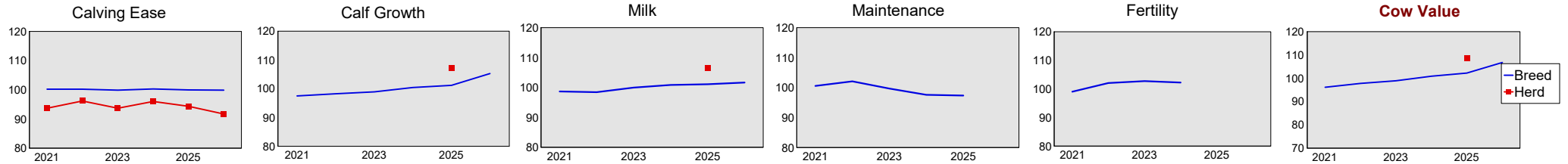
Heifers born in 2025

Total: 6



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.



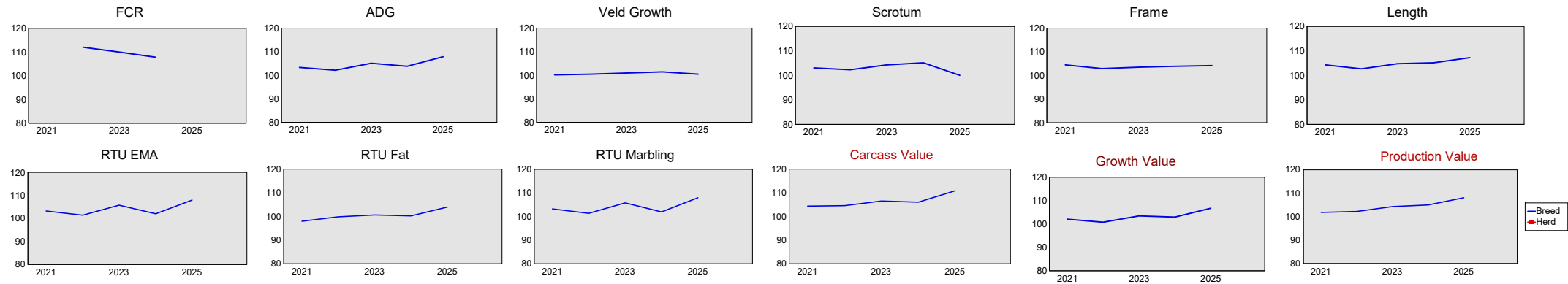
Herd

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
2021	3	1.48	0.87	94															2	38.6		
2022	6	2.27	0.25	96																		
2023	11	1.83	0.58	94																		
2024	11	2.04	0.31	96																		
2025	20	1.86	0.52	94	4	37.3	107	4	8.69	107											109	
2026	7	2.03	0.59	92																		

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	
2016	6114	1.53	0.31	101	4059	29.5	92	4059	4.96	95	1835	65.3	539	63	103	1017	-3.1	827	-1.9	6446	23.5	93	88
2017	6172	1.52	0.34	101	4081	29.9	93	4081	5.26	96	1814	65.3	632	62	103	1075	-3.5	965	-1.9	6390	23.6	94	90
2018	6114	1.52	0.32	101	4332	30.9	95	4332	5.32	96	1932	66.9	618	62	103	1061	-3.7	948	-2.1	6300	24.8	96	92
2019	5856	1.56	0.29	101	4093	31.4	96	4093	5.74	97	1785	67.3	755	63	103	1135	-3.4	1036	-1.9	6019	25.4	96	94
2020	5733	1.56	0.32	100	4114	31.8	96	4114	6.28	99	1789	69.0	830	65	101	1154	-3.6	1058	-2.0	5815	26.6	97	95
2021	5977	1.58	0.33	100	4408	32.4	98	4408	6.24	99	1881	70.5	729	64	101	1085	-3.7	959	-2.1	5385	27.4	99	96
2022	5930	1.65	0.30	100	4462	32.7	98	4462	6.17	98	1963	70.8	603	61	102	1077	-4.3	479	-2.4	2697	28.5	102	98
2023	6401	1.59	0.34	100	4712	33.1	99	4712	6.64	100	2072	72.6	163	65	100	650	-4.3	76	-2.5			103	99
2024	6631	1.59	0.32	100	4760	33.8	100	4760	6.91	101	1702	74.4	4	62	98	103	-3.8					102	101
2025	6430	1.60	0.32	100	3874	34.2	101	3874	6.99	101	263	75.9			97								102
2026	2506	1.62	0.31	100	26	36.2	105	26	7.18	102													107

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			
2021																												
2022																												
2023																												
2024																												
2025																												
2026																												

Breed

Birth Year	Growth												Frame						Carcass								Selection Values		
	FCR			ADG			Veld Growth			Scrotum			Height			Length			RTU Number	EMA		Fat		Marbling		Cracss Value	Growth Value	Prod Value	
	Number	EBV	EBVi	Number	EBV	EBVi	Number	EBV	EBVi	Number	EBV	EBVi	Number	EBV	EBVi	Number	EBV	EBVi	Number	EBV	EBVi	EBV	EBVi	EBV	EBVi				
2017	11	-114	108	370	205	97	1308	69	97	401	19.6	98	377	0	100	372	47	97	201	2.56	98	1.23	95	0.67	100	93	95	93	
2018	18	-103	102	401	210	98	1357	69	97	406	19.6	98	402	0	100	402	48	99	158	2.60	98	1.35	96	0.52	98	98	96	96	
2019	11	-104	102	439	222	101	1236	73	99	455	20.7	101	439	0	102	439	50	101	308	2.70	99	1.43	97	0.70	100	100	100	97	
2020	8	-117	110	566	228	103	1098	77	100	486	20.9	101	562	0	103	562	51	103	445	3.10	103	1.71	99	0.82	101	103	101	99	
2021				612	230	103	1134	78	100	543	21.9	103	612	0	104	612	52	104	383	3.20	104	1.57	98	0.98	103	104	102	102	
2022	7	-121	112	552	226	102	1305	79	101	509	21.5	102	552	0	103	552	51	103	391	3.23	105	1.81	100	0.83	101	105	101	102	
2023	12	-117	110	733	237	105	1303	80	101	690	22.4	104	772	0	103	771	53	105	541	3.50	107	1.90	101	1.19	106	107	104	104	
2024	17	-113	108	670	232	104	987	82	101	641	22.8	105	724	0	104	724	53	105	582	3.49	107	1.85	100	0.87	102	106	103	105	
2025				50	247	108	190	78	100	50	20.5	100	50	0	104	50	55	107	50	3.35	106	2.31	104	1.38	108	111	107	108	
2026																													

Percentile Table for Bulls (based on live animals)

%	Calf weight			Growth & efficiency				Fertility				Frame	
	Birth weight	Weaning weight	Milk (WW.Mat.)	Post wean	Mature weight	ADG	Kleiber	Scrotal circum.	Heifer Fertility	Cow Fertility	Longevity	Frame Score	Length
Mean	1.62	34.2	6.8	71.8	67	220	86	20.9	-4.0	-2.2	32.9	0	50
Top	-6.07	62.5	22.5	125.1	132	562	248	58.0	-24.0	-8.2	48.2	5	102
1	-1.52	50.7	15.5	103.1	107	367	164	38.4	-16.8	-5.9	44.5	3	77
2	-1.02	48.4	14.3	98.4	101	335	148	36.1	-15.2	-5.4	43.5	2	73
3	-0.70	46.9	13.7	96.3	97	320	141	34.2	-14.3	-5.1	42.6	2	71
4	-0.45	45.6	13.3	94.3	94	312	135	32.9	-13.4	-4.9	42.0	2	68
5	-0.28	45.0	12.9	93.0	92	304	131	32.0	-12.7	-4.7	41.6	2	68
6	-0.14	44.6	12.5	92.1	91	297	128	31.0	-12.1	-4.5	41.3	2	66
7	-0.05	44.0	12.2	91.0	89	292	125	30.2	-11.6	-4.4	41.0	2	65
8	0.04	43.5	11.9	90.2	88	287	123	29.5	-11.2	-4.3	40.8	1	64
9	0.15	43.1	11.7	89.2	87	284	121	28.9	-10.9	-4.2	40.5	1	64
10	0.23	42.6	11.4	88.4	86	281	120	28.4	-10.6	-4.1	40.3	1	63
20	0.73	39.7	9.7	82.5	79	258	106	25.0	-8.3	-3.4	38.5	1	58
30	1.08	37.4	8.5	78.6	74	243	98	23.1	-6.6	-3.0	37.1	1	54
40	1.37	35.6	7.6	75.2	70	230	91	21.5	-5.3	-2.6	35.8	0	51
50	1.63	34.1	6.7	71.9	66	218	85	20.3	-4.0	-2.2	34.5	0	49
60	1.89	32.4	5.9	68.6	62	207	79	19.2	-2.7	-1.8	33.2	0	47
70	2.18	30.7	5.0	65.1	58	195	72	17.9	-1.3	-1.5	31.7	0	44
80	2.52	28.8	4.0	60.8	54	180	63	16.4	0.2	-1.0	29.6	-1	41
90	3.05	26.2	2.5	55.2	48	159	52	14.4	2.8	-0.2	23.9	-1	38
91	3.12	25.9	2.2	54.4	47	156	50	14.0	3.1	-0.1	21.0	-1	37
92	3.20	25.4	2.0	53.6	46	153	48	13.6	3.5	0.0	18.2	-1	36
93	3.29	25.0	1.8	52.4	45	150	47	13.2	4.0	0.2	15.3	-1	36
94	3.41	24.6	1.5	51.3	43	147	45	12.8	4.4	0.3	13.9	-2	35
95	3.51	23.9	1.1	50.1	42	143	43	12.3	5.0	0.4	12.7	-2	34
96	3.65	23.2	0.8	48.6	41	138	40	11.7	5.6	0.6	11.9	-2	33
97	3.86	22.5	0.3	47.1	39	133	37	10.7	6.4	0.9	10.8	-2	32
98	4.14	21.2	-0.3	44.7	36	126	31	9.5	7.4	1.1	9.6	-2	30
99	4.65	19.3	-1.1	41.7	32	114	24	7.2	9.4	1.6	8.2	-2	27
Bottom	7.01	7.7	-9.0	17.1	6	29	-41	-8.4	17.1	5.0	-0.1	-5	11

Percentile Table for Cows (based on live animals)

%	Calf weight			Growth & efficiency				Fertility				Frame	
	Birth weight	Weaning weight	Milk (WW.Mat.)	Post wean	Mature weight	ADG	Kleiber	Scrotal circum.	Heifer Fertility	Cow Fertility	Longevity	Frame Score	Length
Mean	1.64	33.4	6.6	69.6	65	216	86	20.3	-4.4	-2.3	32.6	0	49
Top	-4.71	58.5	26.5	124.3	153	539	248	49.4	-32.2	-11.0	51.0	5	110
1	-1.74	48.9	16.9	100.4	108	344	153	35.4	-19.7	-6.5	44.3	2	74
2	-1.25	47.1	15.8	96.3	101	324	143	33.4	-18.2	-6.0	43.0	2	71
3	-0.93	45.7	14.9	94.1	98	312	137	32.0	-16.8	-5.7	42.2	2	69
4	-0.71	44.8	14.1	92.1	95	304	133	31.0	-15.7	-5.4	41.7	2	67
5	-0.50	44.0	13.6	90.5	93	297	129	30.0	-15.1	-5.2	41.2	2	66
6	-0.31	43.3	13.1	89.2	91	291	126	29.3	-14.4	-5.0	40.9	2	65
7	-0.19	42.8	12.8	88.1	89	287	123	28.8	-13.8	-4.8	40.6	1	64
8	-0.08	42.3	12.5	87.3	88	283	121	28.2	-13.3	-4.7	40.3	1	63
9	0.02	41.9	12.2	86.4	87	280	119	27.8	-12.8	-4.6	40.0	1	63
10	0.11	41.5	11.9	85.7	86	277	118	27.4	-12.4	-4.5	39.8	1	62
20	0.74	38.7	9.9	80.3	78	255	106	24.5	-9.5	-3.7	37.8	1	57
30	1.11	36.7	8.5	76.5	73	239	98	22.8	-7.4	-3.1	36.3	0	54
40	1.41	35.0	7.5	73.1	69	227	91	21.4	-5.9	-2.7	35.0	0	51
50	1.69	33.4	6.6	69.8	65	214	85	20.1	-4.4	-2.3	33.7	0	48
60	1.97	31.8	5.6	66.5	61	203	79	18.9	-3.0	-1.9	32.2	0	46
70	2.26	30.0	4.6	63.1	56	191	72	17.5	-1.4	-1.4	30.7	-1	43
80	2.60	28.0	3.4	59.0	51	177	64	16.0	0.6	-0.8	28.6	-1	40
90	3.12	25.1	1.4	53.0	44	156	53	13.6	3.5	0.1	25.0	-1	36
91	3.19	24.6	1.2	52.2	43	153	52	13.3	4.0	0.2	24.3	-1	35
92	3.27	24.1	0.8	51.3	42	150	50	12.9	4.5	0.3	23.5	-1	35
93	3.36	23.7	0.5	50.4	40	146	48	12.5	4.9	0.5	22.3	-1	34
94	3.46	23.2	0.0	49.2	39	143	46	12.1	5.6	0.6	20.5	-2	33
95	3.57	22.5	-0.4	47.9	37	139	44	11.5	6.1	0.8	17.9	-2	32
96	3.72	21.7	-1.0	46.0	35	133	41	10.8	6.8	1.1	14.8	-2	31
97	3.88	20.8	-1.7	44.4	32	128	37	10.0	7.7	1.4	12.2	-2	30
98	4.14	19.6	-2.8	41.7	29	120	32	8.7	9.1	1.8	10.3	-2	28
99	4.53	17.3	-4.4	37.8	24	108	25	7.1	11.1	2.4	8.5	-2	25
Bottom	7.99	4.6	-18.7	6.3	-17	29	-23	-19.9	22.6	5.8	-3.9	-4	9

Sires

Bull				Selection Values								Birth			Wean					Grwth & Adaptation					Fertility				Frame		Carcass				Progeny		
Index EBV Acc	Genomic	Sire ID Dam ID	Comp.nr	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass V	Cow wt brth	Birth wt	Cow-Calf birth	Cow wt wean	Wean wt	Wean mat	Comb. mat	Cow-Calf wn	12m wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Frame score	Length	EMA	Fat	Marbling	Dress %	Nr measured	
Birth																																				Wean	Grwth Test
0111H Red		7190E C5457	LSF SRR PRIME PLUS 0111H	108	105	96	93	99	105	112	106	124	112	123	105	107	105	96	99	99	110	121	107	117	104	128	83	102	109	105	123	113	117	113	115	30	20
				84	86	75	74	76	72	76	73	75	83	-0.50	-2.0	71	36	5.5	15.7	130	74	298	98	-130	0.74	32.8	3.7	-2.4	38	0	68	4.02	3.87	1.79	0.96	5	
													74	90	80	74	86	75		78	80	78	74	81	80	75	74	80	80	78	75	75	75	75			
0969 Black		6846 9477	S A V GRAND CANYON 0969	100	114	109	98	94	115	121	117	124	105	105	99	101	114	109	111	116	112	125	96	126	81	121	99	96	93	87	101	112	149	132	118	63	31
				91	92	86	86	86	80	86	81	86	73	1.16	-1.4	63	40	9.4	19.7	179	77	312	65	-144	-0.08	30.0	-4.0	-1.7	29	-1	50	3.96	7.80	3.46	1.03	2	
													85	95	89	86	92	86		88	87	86	84	85	87	87	85	84	88	87	86	86	87	86			
1101 Black		23F091 838 622	E W A JEFFERSON 1101	94	121	106	93	118	126	119	126	117	110	97	98	106	121	106	111	118	124	116	115	116	78	101	106	119	111	116	120	115	104	109	115	4	1
				77	76	75	75	75	68	74	69	74	79	1.89	-1.2	70	44	8.5	20.4	182	88	279	120	-128	-0.18	20.8	-7.3	-4.7	39	1	65	4.22	2.32	1.43	0.97		
													74	79	76	75	76	75		75	75	74	74	75	75	75	74	74	78	75	74	74	75	74	74		
175AAN Black		71122 8180AAN	E&B RIVAL 175	107	95	118	96	125	112	115	112	114	102	116	103	102	95	118	110	109	102	121	105	115	75	109	114	108	123	99	113	108	94	113	108	8	1
				82	80	78	78	79	72	78	73	78	69	0.10	-1.9	64	31	12.2	18.5	159	67	297	93	-126	-0.29	24.3	-10.9	-3.3	46	0	60	3.61	1.11	1.85	0.83		
													78	85	80	78	80	78		79	78	78	77	77	78	78	78	77	81	78	78	78	78	78			
2019 Red		882 662	STRA SARGENT 2019	102	128	107	93	107	133	114	132	114	107	94	108	106	128	107	114	123	119	113	108	109	104	103	84	108	117	121	126	109	101	100	109	33	15
				84	85	76	76	76	72	76	73	78	75	2.17	-2.4	69	48	8.9	21.7	199	83	267	101	-116	0.74	21.9	3.1	-3.4	42	2	70	3.65	1.94	0.68	0.85	3	
													75	90	81	76	85	76		79	79	78	75	75	80	79	75	75	79	79	77	77	78	77	78		
26P Red		449M 8G	RED FINE LINE MULBERRY 26P	106	111	90	100	102	110	108	110	111	102	94	111	101	111	90	97	101	121	112	114	110	84	119	90	134	87	102	122	100	97	89	100	670	454
				99	99	98	97	90	87	88	87	92	69	2.22	-2.7	62	39	3.6	15.5	137	85	264	118	-117	0.04	29.1	0.4	-6.8	25	0	66	2.75	1.43	-0.23	0.68	90	194
													94	99	98	97	99	98		98	98	95	79	81	97	97	94	78	99	96	95	91	94	91	92		697
3289 Red		G1410 8520	PIE CADILLAC 3289	114	101	127	106	107	122	116	122	116	96	118	107	91	101	127	118	126	112	118	131	116	88	107	106	96	111	103	108	116	125	122	118	36	5
				85	81	77	77	77	72	76	73	76	62	-0.05	-2.3	50	34	15.0	21.4	206	77	284	168	-127	0.20	23.7	-7.1	-1.6	38	0	56	4.34	4.86	2.57	1.04		
													76	91	82	77	81	77		78	77	77	76	76	77	77	76	76	79	77	76	76	77	76	76		
6846 Black		0256 4136	S A V RAINFALL 6846	91	114	113	103	115	122	119	123	122	101	108	86	96	114	113	113	122	117	120	108	107	55	101	103	115	111	53	87	117	123	136	120	218	185
				92	97	82	80	63	76	72	75	84	68	0.86	0.2	56	40	10.7	20.6	196	81	292	100	-112	-0.96	20.8	-5.5	-4.2	39	-4	39	4.47	4.64	3.78	1.06	30	20
													52	98	87	80	97	82		86	89	85	21	57	91	88	74	33	83	88	83	82	87	81	84		24
9137 Black		18534920 D40	CRAWFORD GUARANTEE 9137	105	100	114	98	118	113	112	113	128	103	107	104	100	100	114	109	111	108	110	103	110	86	98	122	114	104	111	110	106	153	123	113	5	3
				81	81	79	79	79	72	78	73	79	70	1.00	-1.9	62	34	11.0	18.6	163	72	255	86	-116	0.12	19.7	-14.4	-4.2	35	1	57	3.38	8.30	2.63	0.93		
													78	83	80	79	81	79		80	78	81	78	79	80	78	78	82	79	79	79	79	79	79			
9908G Red		5502C 605D	HXC GRINDSTONE 9908G	103	99	113	96	110	107	113	108	118	103	108	102	102	99	113	108	108	105	113	102	109	103	115	101	107	110	105	109	113	117	111	115	2	
				76	75	75	74	75	68	74	69	74	70	0.88	-1.7	64	33	10.7	18.1	156	70	266	83	-115	0.73	27.3	-5.0	-3.1	38	0	56	4.04	3.90	1.60	0.96		
													74	77	75	74	75	75		75	75	74	74	75	75	74	74	78	74	74	74	74	74	74			
AC 170332 Red		B403 AC 140033	ROVIC	84	112	106	94	70	100	112	101	134	109	94	88	105	112	106	108	112	112	112	99	101	134	90	69	80	89	118	123	124	111	120	124	102	61
				91	94	83	78	81	78	80	78	77	78	2.17	0.0	68	40	8.6	19.0	166	77	262	73	-101	1.83	16.1	10.5	0.5	26	1	67	5.08	3.16	2.40	1.15	5	4
													79	96	86	78	94	83		85	86	83	76	76	88	86	80	77	87	85	83	77	77	77	77		
DKF 55C Red		15A 21A	RED DKF RAZOR 55C	97	121	94	91	123	123	130	126	136	110	72	100	110	121	94	103	108	130	131	136	125	106	107	134	121	99	152	134	111	112	106	113	266	223
				95	98	92	91	71	81	54	76	78	79	4.32	-1.5	74	44	4.8	18.0	155	94	335	182	-143	0.82	23.8	-20.2	-5.1	32	4	76	3.89	3.29	1.24	0.94	31	60
													80	98	93	91	98	92		94	93	86	50	22	91	89	81	47	86	89	84	75	81	75	78		145
F121 Red		C218 575D	BIEBER CL ENERGIZE F121	128	110	105	97	111	125	126	128	129	111	125	125	102	110	105	107	111	114	131	112	126	134	153	97	114	109	79	101	134	125	125	135	96	63
				90	94	83	82	83	79	83	80	86	81	-0.76	-4.3	64	39	8.2	18.4	164	79	335	112	-145	1.83	44.2	-3.1	-4.1	38	-2	50	6.03	4.85	2.85	1.35	9	3
													82	96	87	82	94	83		86	85	85	82	80	88	85	81	80	87	87	85	85	86	85	86		3

Sires

Bull			Selection Values								Birth			Wean					Grwth & Adaptation					Fertility				Frame		Carcass				Progeny		
Index EBV Acc	Genomic	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass V	Cow wt brth	Birth wt	Cow-Calf birth	Cow wt wean	Wean wt	Wean mat	Comb. mat	Cow-Calf wn	12m wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Frame score	Length	EMA	Fat	Marbling	Dress %	Nr measured	
ID																																			Comp.nr	Birth
GJA 210011	6846		76	115	118	95	105	116	112	116	116	105	90	73	103	115	118	117	124	122	113	97	106	74	99	97	106	106	79	97	113	112	121	114	29	
Black THUNDER FORCE	GJA 180029		73	66	49	42	39	50	37	47	44	73	2.57	1.7	65	41	12.4	22.0	200	86	267	69	-109	-0.32	19.9	-3.1	-3.1	36	-2	47	4.05	3.24	2.49	0.95		
												29	88	61	42	66	49		52	47	42	12	29	47	45	40	18	59	45	43	42	45	42	44		
GJJ 200001	JMS 180158		83	100	112	109	84	97	106	98	107	92	96	76	90	100	112	108	114	106	107	109	103	99	85	83	75	104	110	105	94	100	105	94	2	
Red JMS 180146			57	54	46	46	32	43	39	42	41	56	1.97	1.4	48	34	10.3	18.1	173	71	242	103	-105	0.56	13.8	3.6	1.1	35	1	53	2.18	1.83	1.09	0.58		
TIENKIE ZIGGY												40	63	53	46	54	46		49	48	42	19	35	48	46	31	20	46	45	40	39	43	39	41		
GJJ 220006	4126		87	114	97	102	87	105	114	107	110	103	83	89	98	114	97	103	108	111	122	102	126	110	128	85	88	98	135	122	94	97	86	94	2	
Red JMS 170117			59	59	49	46	34	45	27	41	40	70	3.25	-0.2	59	41	5.6	17.3	157	75	302	84	-144	0.97	32.8	2.9	-0.7	32	3	67	2.19	1.51	-0.52	0.58		
JOYCE JYNX												35	66	54	46	59	49		51	48	42	17	11	47	46	33	18	52	45	41	38	42	38	40		
H302	E119		109	117	96	98	118	124	116	124	117	106	102	111	102	117	96	103	109	116	118	112	116	113	110	113	120	104	117	122	111	87	105	109	1	
Red 162C			80	81	79	78	78	71	77	72	77	74	1.46	-2.8	64	42	5.4	17.7	160	80	287	113	-127	1.09	24.9	-10.6	-5.0	35	1	66	3.86	0.18	1.10	0.86		
BIEBER BLUE CHIP H302												77	82	79	78	81	79		79	79	77	77	76	78	78	77	77	81	78	77	77	77	77	77		
J137	F121		108	128	104	77	110	130	131	133	131	125	106	116	124	128	104	112	113	129	134	149	133	134	139	88	110	117	119	127	150	99	136	147	57	29
Red 390G			93	94	90	90	90	83	90	84	92	100	1.12	-3.3	93	48	8.0	21.2	171	93	346	217	-157	1.81	37.8	1.3	-3.6	42	1	71	7.65	1.66	3.74	1.59	7	
BIEBER JUMPSTART J137												90	96	92	90	94	90		91	92	91	93	89	93	92	90	89	92	92	92	91	92	91	92		
JMS 150998	JAN 072088		76	115	106	96	78	102	104	102	105	95	82	79	104	115	106	109	114	112	108	105	112	105	112	80	85	89	105	103	95	98	91	96	30	24
Red JMS 070363			90	91	87	86	83	79	82	80	82	59	3.35	1.0	66	41	8.5	19.4	173	76	248	93	-120	0.79	26.0	4.9	-0.2	27	0	51	2.33	1.61	-0.08	0.60	4	7
BANKNOTE												84	93	88	86	91	87		88	87	83	80	81	85	85	82	80	88	84	83	82	83	81	82		
JMS 160035	Z433		85	111	115	89	73	102	113	103	124	113	100	86	110	111	115	114	115	115	122	104	128	142	107	76	84	86	129	134	129	112	92	129	25	21
Red JMS 130797			78	85	65	47	47	60	60	60	62	84	1.60	0.2	74	39	11.4	20.6	176	79	303	89	-149	2.09	23.5	6.9	-0.1	25	2	76	5.59	3.27	0.03	1.24	3	3
SNIPER												40	88	66	47	85	65		66	62	63	19	56	76	71	42	25	73	69	60	58	67	59	62		
JMS 200271	505C		118	101	104	122	94	113	86	107	97	86	104	113	78	101	104	103	114	91	81	81	76	100	98	101	71	109	95	86	103	96	90	102	5	5
Red JMS 100572			74	78	66	67	47	60	46	57	64	48	1.22	-2.9	34	34	8.0	16.6	173	57	145	22	-59	0.61	19.4	-4.7	1.6	38	0	38	3.08	1.31	-0.18	0.73	1	3
BULLET												48	81	77	67	78	66		70	70	68	34	21	78	75	49	28	63	73	65	61	68	61	64		
JS02	8064		96	86	124	128	107	104	97	102	93	85	104	77	71	86	124	111	123	93	99	89	100	78	127	103	84	119	56	73	102	126	120	105	79	45
Black 0252			92	92	88	89	84	80	83	81	84	46	1.30	1.3	25	27	14.3	18.4	199	59	212	47	-99	-0.17	32.7	-5.9	-0.1	43	-3	28	3.02	5.05	2.42	0.78	10	20
SAC CONVERSATION												87	95	91	89	92	88		90	85	85	80	80	87	86	83	81	88	86	84	84	85	84	84		
K126	0728		117	118	99	92	107	123	123	125	125	113	119	116	109	118	99	105	109	119	125	132	122	99	121	93	96	119	115	125	126	98	113	124	24	4
Red 225H			85	82	79	79	80	73	78	74	79	83	-0.15	-3.3	72	42	6.2	18.3	158	83	312	169	-138	0.58	29.6	-0.8	-1.7	43	1	69	5.25	1.59	1.80	1.15		
BIEBER CHECKMATE K126												79	89	82	79	82	79		80	80	79	78	78	79	79	79	78	82	79	79	79	79	79	79		
KD 161539	WB 090086		106	102	51	93	80	75	87	74	89	111	92	115	111	102	51	68	62	97	90	99	86	104	89	83	98	83	90	90	105	88	91	103	65	39
Red KD 101017			85	89	72	53	57	66	28	58	36	81	2.38	-3.2	76	34	-8.7	5.7	29	62	181	73	-76	0.75	15.7	3.8	-2.0	23	-1	41	3.32	0.39	-0.09	0.75	7	12
LOCO MOTIVE												55	94	73	53	89	72		71	53	37	25	18	30	41	53	36	81	39	35	34	37	34	36		
KD 200319	0512C		109	101	104	97	95	103	93	100	94	102	103	112	103	101	104	103	102	96	89	103	98	114	85	83	97	106	127	108	76	91	77	77	1	
Red KD 060445			62	61	58	52	45	50	46	49	46	68	1.39	-2.8	65	34	7.9	16.6	140	61	174	88	-96	1.09	13.9	3.9	-1.8	36	2	55	0.50	0.70	-1.21	0.25		
KING POWER EYE												48	65	58	52	61	58		57	55	51	35	41	55	54	45	31	60	53	50	44	48	44	46		
KD 200383	0512C		113	82	109	102	105	92	101	92	103	95	116	109	97	82	109	100	95	86	97	102	100	111	74	107	91	110	120	108	84	95	88	85	13	5
Red KD 111128			85	84	81	80	80	74	79	75	79	60	0.13	-2.5	57	24	9.6	14.6	119	51	205	84	-100	1.00	8.9	-7.5	-1.0	38	2	55	1.30	1.19	-0.35	0.41		
ROBIN HOOD TRUMP												78	88	83	80	84	81		82	80	79	77	78	80	80	79	78	83	80	79	79	79	79	79		
PV 130018	PV 100040		87	108	102	76	79	93	88	90	93	122	90	101	125	108	102	104	98	104	84	103	83	116	88	89	105	72	111	99	90	84	92	88	171	61
Red PV 100092			92	93	85	65	63	73	35	65	42	96	2.62	-1.6	93	38	7.1	17.3	129	69	158	85	-70	1.17	15.2	1.0	-3.0	17	1	48	1.79	-0.09	0.02	0.46		
PUPILS												61	97	83	65	93	85		81	60	48	32	21	56	52	62	36	92	52	46	40	45	40	42		

Sires

Bull			Selection Values											Birth			Wean					Grwth & Adaptation					Fertility				Frame		Carcass				Progeny	
Index EBV Acc	Genomic	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass V	Cow wt brth	Birth wt	Cow-Calf birth	Cow wt wean	Wean wt	Wean mat	Comb. mat	Cow-Calf wn	12m wt	ADG	Veld growth	FCR	Skin Thickn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Frame score	Length	EMA	Fat	Marbling	Dress %	Nr measured			
ID																																			Comp.nr	Birth	Wean	Grwth Test
RCM 140122 Red LUCKY		JMS 110656 RCM 080029	92	118	103	94	80	109	128	113	114	107	68	90	105	118	103	108	113	114	114	132	113	132	111	115	67	81	104	135	123	82	118	67	86	103	77	
			92	95	88	87	65	77	56	73	87	75	4.65	-0.3	69	42	7.5	19.2	170	78	339	115	-156	0.98	27.3	11.2	0.3	35	3	67	1.02	3.97	-2.08	0.41	28	25	77	
RCM 180227 Black RCM 180227		RCM 130056 RL 090895	95	92	129	106	108	107	95	104	99	92	102	89	91	92	129	117	121	92	94	81	96	69	100	111	97	107	108	101	114	92	137	112	38	24		
			81	86	68	58	46	63	44	59	62	56	1.44	-0.1	49	30	15.6	20.4	192	57	193	21	-93	-0.48	20.7	-9.3	-1.8	37	1	50	4.17	0.81	3.85	0.92	7	7	9	
SCJ 160059 Red MR STRAW ET SCJ 16059		SCJ 120097 SCJ 120047	93	133	104	63	111	128	120	128	123	136	75	109	140	133	104	114	111	130	121	73	106	101	101	104	124	101	120	126	101	60	94	97	45	28		
			82	85	72	57	51	64	54	62	66	114	4.03	-2.5	113	50	8.1	22.2	165	94	299	0	-110	0.65	21.1	-6.4	-5.0	33	2	69	2.91	-3.10	0.21	0.63		9	14	
U6509 Red BROWN HERITAGE U6509		JO12 86944	103	109	134	102	97	125	107	123	116	106	124	76	94	109	134	126	136	109	102	86	104	112	72	92	90	108	110	111	116	105	111	116	83	71		
			92	94	90	87	67	78	58	74	76	74	-0.58	1.3	54	38	17.3	24.3	235	74	226	38	-106	1.04	8.0	-0.5	-0.9	37	1	58	4.33	2.49	1.61	0.99	16	32	145	
WB 160126 Black WB160126		WB 090105 WB 130472	90	114	101	76	70	96	133	103	134	116	87	105	125	114	101	105	101	124	139	121	135	80	113	74	76	87	129	139	118	124	88	120	35	25		
			86	87	79	81	61	71	48	66	70	88	2.90	-2.0	94	41	6.8	18.1	137	88	364	137	-161	-0.10	26.2	7.8	1.0	25	2	80	4.50	4.80	-0.31	1.08	6	13	33	

Breeding Values and Accuracies: Bulls

Inbreeding in red is high

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

Animal				Selection Value									Birth			Wean					Growth & Adaptation					Fertility				Frame		Carcass			
ID	% Inbreeding	Genomic Parentage	Index EBV Acc	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass V	Cow wt -brth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean wt	Wean mat	Comb mat	Cow-Calf wn	12m wt	ADG	Yeld growth	FCR	Skin Thickn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Frame score	Length	EMA	Fat	Marbling	Dress %
			Sire ID Dam ID																																
GJJ 240010		9137		97	100	115	101	118	111	108	111	117	101	106	94	98	100	115	110	113	107	108	102	105	81	103	113	107	115	87	97	106	135	121	110
Black	1	GJJ 220001		40	36	26	24	24	28	20	26	26	67	1.08	-0.7	58	34	11.3	19	169	72	249	83	-109	-0.1	21.9	-10.4	-3.1	41.1	-1	47	3.36	6.07	2.50	0.88
ANNY GUARANTEE													21	46	34	24	36	26		29	26	25	22	16	27	29	22	10	40	29	26	25	28	25	26
GJJ 250001		GJJ 220006		77	120	118	104	98	121	112	120	110	98	82	75	94	120	118	119	132	127	116	113	117	99	116	90	84	114	116	113	103	107	101	104
Red	1	GJJ 210003		53	42	35	33	25	34	22	32	29	63	3.30	1.4	54	43	12.4	23	224	91	278	116	-129	0.6	27.7	0.4	-0.1	40.4	1	59	3.06	2.65	0.76	0.76
TANK FR TIENKIE													36	65	45	33	42	35		37	35	30	15	12	34	32	24	12	38	32	29	28	30	28	29
GJJ 250003		J137		84	126	121	85	102	128	120	128	119	113	90	93	114	126	121	123	129	130	122	132	122	121	120	86	97	115	114	120	130	100	118	128
Red	1	JMS 180146		57	55	34	30	25	38	27	36	38	83	2.60	-0.6	79	47	13.2	24	213	94	301	169	-138	1.3	29.5	2.4	-1.8	40.9	1	65	5.66	1.80	2.23	1.22
DUTTON TIENKIE													37	71	46	30	55	34		40	45	37	41	15	46	41	22	12	41	43	39	35	40	35	38
GJJ 250006		K126		94	112	113	97	101	116			115	106	107	92	101	112	113	113	119	114	111	106	110	101	101	93	94	111	112	116	115	99	106	115
Red	1	KD 200327		54	43	33	26	26	33			21	74	0.94	-0.5	63	40	10.9	20	187	79	260	95	-118	0.6	21.2	-1.0	-1.4	38.8	1	62	4.29	1.68	1.24	0.97
MOIRA MONTY													35	68	43	26	43	33		34	29	23	11	11	25	24	23	16	40	24	22	20	22	20	21
GJJ 250007		0969		93	112	102	95	100	109	102	108	106	105	95	96	104	112	102	105	109	110	104	97	104	96	104	99	106	97	91	95	103	117	114	105
Black		KD 161532		54	53	42	31	33	40	26	37	32	73	2.11	-1.0	67	39	7.3	18	158	75	233	68	-107	0.5	22.4	-3.7	-3.0	31.1	-1	45	3.04	3.93	1.85	0.78
BRINA BIG SKY													37	61	46	31	53	42		42	35	32	16	19	35	34	33	19	47	34	31	30	33	30	32
GJJ 250008		0969		93	112	102	95	100	109	102	108	106	105	95	96	104	112	102	105	109	110	104	97	104	96	104	99	106	97	91	95	103	117	114	105
Black		KD 161532		54	53	42	31	33	40	26	37	32	73	2.11	-1.0	67	39	7.3	18	158	75	233	68	-107	0.5	22.4	-3.7	-3.0	31.1	-1	45	3.04	3.93	1.85	0.78
BRINA BASIC													37	61	46	31	53	42		42	35	32	16	19	35	34	33	19	47	34	31	30	33	30	32
GJJ 250011		K126		105	115	100	90	110	118			118	110	107	108	110	115	100	105	107	113	117	123	116	100	116	96	97	120	113	118	115	101	107	115
Red		GJJ 220011		46	31	17	15	18	24			12	80	0.98	-2.5	74	41	6.8	18	154	78	282	143	-128	0.6	27.5	-2.3	-1.9	43.6	1	63	4.25	1.93	1.30	0.97
POP CHECK-ME													19	64	34	15	31	17		21	23	13	10	9	15	14	12	8	33	14	13	12	13	11	12
GJJ 250014		GJA 210011		72	114	119	102	105	115	108	114	110	94	85	71	96	114	119	117	127	119	110	98	105	77	99	100	95	111	95	104	112	106	118	112
Black	1	GJJ 230003		56	43	33	29	26	34	23	32	28	58	3.02	1.9	56	41	12.6	22	210	83	254	72	-109	-0.2	20.1	-4.2	-1.6	38.6	0	52	3.94	2.49	2.25	0.92
BRIANA RAIN													35	69	45	29	43	33		35	33	29	10	16	32	31	24	13	40	31	29	27	30	27	28
GJJ 250019		175AAN		94	101	117	100	118	112	110	112	111	100	106	91	98	101	117	112	115	107	114	103	108	75	108	109	103	119	81	98	107	105	117	108
Black		GJJ 220001		50	34	26	25	22	28	21	27	24	66	1.03	-0.4	59	34	12.1	19	176	72	270	86	-113	-0.3	24.2	-8.6	-2.7	43.1	-1	48	3.48	2.48	2.11	0.83
RAIN RIVAL B ANNY													21	65	40	25	34	26		28	26	25	9	16	27	26	21	10	35	26	24	23	25	23	24
GJJ 250020		3289		92	120	111	93	98	120	111	120	109	105	91	98	106	120	111	114	121	119	112	128	114	94	107	101	93	102	110	111	106	108	107	107
Red		JMS 180183		56	44	31	29	24	34	20	31	22	73	2.51	-1.2	70	44	10.1	21	191	83	262	159	-124	0.4	23.6	-4.8	-1.3	33.5	1	57	3.39	2.76	1.29	0.82
POP CADILLAC													36	71	46	29	44	31		35	32	24	18	17	26	25	22	14	36	25	23	21	23	20	22
GJJ 260001		3289		93	112	117	100	96	116	115	117	112	104	94	95	98	112	117	115	123	114	118	110	118	101	105	93	86	108	118	115	102	114	103	104
Red		JMS 170117		57	46	37	38	25	37	20	34	27	72	2.24	-0.8	59	40	11.9	21	197	78	285	106	-130	0.7	22.9	-1.1	-0.3	37.0	1	61	3.00	3.52	0.96	0.76
CADILLAC JOYCE													35	71	49	38	46	37		40	31	28	16	11	29	29	23	15	37	29	27	26	28	26	27
GJJ 260005		3289		108	102	115	99	98	110			120	104	112	106	99	102	115	111	113	107	114	114	110	105	104	92	98	104	112	114	117	119	112	119
Red	1	AC 200870		48	44	29	21	24	31			18	71	0.51	-2.1	60	34	11.4	19	170	72	269	117	-117	0.8	22.1	-0.5	-1.9	35.0	1	60	4.45	4.15	1.71	1.05
SONYA CADILLAC SAGE													35	58	38	21	44	29		31	27	24	14	10	27	26	22	14	36	26	24	17	18	17	18

Breeding Values and Accuracies: Bulls

Inbreeding in red is high

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Breeding values with an accuracy < 5% are not printed

Animal				Selection Value									Birth			Wean					Growth & Adaptation					Fertility				Frame		Carcass			
ID	% Inbreeding	Genomic Parentage	Index EBV Acc	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass V	Cow wt -brth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean wt	Wean mat	Comb mat	Cow-Calf wn	12m wt	ADG	Veld growth	FCR	Skin Thickn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Frame score	Length	EMA	Fat	Marbling	Dress %
			Sire ID Dam ID																																
GJJ 260009		3289		108	96	118	105	104	109			113	96	111	102	93	96	118	111	114	104	114	118	113	101	108	97	98	109	108	109	105	118	107	108
Red	1	GJJ 230009		40	33	22	19	18	24			17	61	0.62	-1.8	52	32	12.3	19	173	69	272	130	-122	0.6	24.0	-3.0	-1.9	37.6	1	56	3.32	4.05	1.31	0.83
CHOCOLATE													20	54	32	19	33	22		25	21	18	9	6	19	19	15	9	30	18	17	16	18	16	17
GJJ 260605		3289		108	102	115	99	98	110			120	104	112	106	99	102	115	111	113	107	114	114	110	105	104	92	98	104	112	114	117	119	112	119
Red	1	AC 200870		48	44	29	21	24	31			18	71	0.51	-2.1	60	34	11.4	19	170	72	269	117	-117	0.8	22.1	-0.5	-1.9	35.0	1	60	4.45	4.15	1.71	1.05
CADILLAC SONJA SAGE													35	58	38	21	44	29	31	27	24	14	10	27	26	22	14	36	26	24	17	18	17	18	

Breeding Values and Accuracies: Cows & Heifers

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

Animal				Selection Values											Birth			Wean					Growth & Adaptability					Fertility				Frame		Carcass			
ID	% Inbreeding	Genomic Parentage	Index EBV Acc	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Comb mat	Cow-Calf wn	12m wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Frame score	Length	EMA	Fat	Marbling	Dress %	
KD 161532		PV 130018		KD 141351	86	110	95	93	99	101	84	96	88	105	85	93	107	110	95	100	101	108	84	98	80	111	87	98	115	90	95	90	93	86	95	91	
Black 1					77	62	64	37	46	52	22	46	28	72	3.06	-0.7	70	39	5	16	137	73	155	71	-65	1.0	14.8	-3.4	-4.2	27.2	0	41	2.12	0.07	0.25	0.53	
KD161532														65	79	63	37	62	64		54	41	30	20	13	31	33	47	28	64	32	29	26	29	26	28	
JMS 170117		RCM 140122		JMS 150971	85	116	106	94	84	107	114	109	109	112	77	88	106	116	106	109	114	109	118	88	120	114	104	80	76	105	133	121	88	103	84	90	
Red 4					75	73	69	73	43	60	36	55	50	82	3.77	0.0	69	42	8	19	172	74	285	44	-134	1.1	22.1	5.0	1.0	35.5	3	66	1.65	2.19	-0.65	0.49	
JMS 17 117														67	78	74	73	73	69		72	57	51	31	20	54	53	41	29	60	52	50	48	51	49	50	
JMS 180146		JMS 150998		JMS 160005	84	105	133	94	89	109	108	109	107	100	100	80	103	105	133	124	127	113	110	115	111	108	102	83	84	106	109	113	109	101	100	109	
Red 1					73	69	56	53	39	53	36	50	40	67	1.67	0.9	65	36	17	23	210	77	256	121	-118	0.9	21.3	3.5	-0.1	36.0	1	59	3.67	1.93	0.72	0.85	
JMS 18 146														68	77	66	53	69	56		59	60	42	23	30	48	46	37	22	57	45	41	38	42	36	40	
JMS 180183		JMS 150998		JMS 140871	86	127	93	80	89	112	105	111	102	114	78	97	121	127	93	104	107	114	106	125	112	101	107	96	91	93	117	113	96	90	92	96	
Red 5					74	68	55	53	41	53	38	50	39	84	3.68	-1.1	89	47	4	19	152	79	239	151	-120	0.6	23.6	-2.5	-1.0	28.5	1	59	2.44	0.65	0.00	0.60	
POP 183														70	77	66	53	68	55		59	59	42	34	33	46	45	38	27	57	44	41	37	41	35	39	
KD 190124		KD 161539		KD 161533	101	130	65	57	80	99	97	98	100	155	83	122	152	130	65	87	82	115	97	89	95	109	100	75	96	90	114	110	104	83	82	101	
Red 2					74	69	60	35	40	52	22	46	25	138	3.23	-4.0	127	49	-4	13	84	80	204	46	-90	0.9	20.3	7.6	-1.6	27.0	1	57	3.14	-0.23	-0.79	0.71	
KD 190124														68	78	60	35	69	60		55	35	27	20	16	26	29	37	26	58	28	26	24	26	24	25	
RCM 190180		JMS 160035		RCM 160155	91	101	102	94	88	94	98	93	102	103	98	94	105	101	102	102	101	102	100	100	104	125	95	86	82	103	106	105	108	104	93	108	
Red 1					67	69	52	29	36	48	35	45	38	70	1.78	-0.7	68	34	7	16	135	67	219	77	-107	1.5	18.5	2.5	0.2	34.4	0	53	3.58	2.27	0.11	0.84	
RCM 190180														57	74	54	29	69	52		50	39	39	15	29	46	44	32	22	54	43	38	36	41	36	38	
VB 190005		26P		VB 140002	93	107	105	77	90	98	98	97	101	122	92	106	124	107	105	106	100	112	100	105	99	98	114	98	107	81	93	105	91	93	86	91	
Red					71	62	64	57	53	55	52	54	53	94	2.44	-2.1	92	37	8	18	134	77	219	92	-98	0.5	26.9	-3.3	-3.2	22.3	-1	53	1.96	0.98	-0.46	0.52	
RED ANNY														73	71	67	57	62	64		61	58	57	48	46	58	58	54	44	61	58	56	52	54	52	53	
AC 200870		AC 170332		AC 160233	102	102	104	93	89	99	110	101	125	111	106	104	107	102	104	103	102	102	110	96	104	121	100	78	100	98	121	119	118	113	102	119	
Red 1					70	69	51	34	41	50	32	46	28	81	1.08	-1.9	70	35	8	17	138	67	254	66	-108	1.4	20.6	6.1	-2.2	31.6	2	64	4.56	3.43	0.85	1.06	
SONJA 6														67	76	58	34	69	51		51	47	44	24	19	49	48	39	27	57	46	42	27	29	27	28	
BD 200247		WB 160126		BD 120041	72	116	107	95	77	102	114	104	111	94	80	73	104	116	107	110	116	124	119	118	114	92	99	94	72	87	114	121	108	107	94	108	
Black 1					73	67	53	54	42	53	30	48	40	58	3.50	1.7	66	42	9	20	178	88	288	128	-124	0.3	19.8	-1.6	1.6	25.7	1	66	3.52	2.69	0.16	0.84	
BRIANA 15														72	76	66	54	67	53		58	60	44	24	14	46	48	38	29	58	47	42	38	41	38	40	
JMS 200286		RCM 140122		JMS 130831	90	93	108	113	90	93	110	95	101	89	87	86	86	93	108	103	107	96	110	108	111	124	102	76	93	106	122	109	77	106	74	79	
Red 5					73	72	65	58	43	57	34	52	52	51	2.83	0.1	43	30	9	16	152	61	254	99	-118	1.4	21.2	7.0	-1.3	36.0	2	56	0.54	2.59	-1.49	0.29	
CHOCTA 286														68	77	68	58	72	65		65	64	52	21	14	56	55	40	29	60	54	51	50	53	50	52	
KD 200327		U6509		KD 101042	85	103	127	104	94	109	100	107	105	100	101	68	93	103	127	119	127	105	97	80	98	103	82	93	92	100	109	106	105	99	100	105	
Red					74	70	62	51	45	55	32	50	40	66	1.56	2.2	53	35	15	22	208	70	207	20	-96	0.7	12.7	-1.2	-1.2	32.5	1	54	3.32	1.76	0.68	0.78	
20 327														69	77	66	51	70	62		61	48	43	21	21	47	46	45	30	61	45	42	38	42	39	40	
KD 200333		SCJ 160059		KD 090882	80	112	109	80	96	104	105	103	108	117	80	92	120	112	109	110	108	114	105	86	100	101	93	97	104	93	122	117	98	71	90	95	
Black 1					71	67	54	36	38	49	36	46	38	88	3.48	-0.5	87	40	9	20	155	78	237	36	-100	0.6	17.4	-2.8	-2.8	28.9	2	62	2.62	-1.77	-0.17	0.59	
KD 200333														59	76	59	36	67	54		52	41	40	22	29	45	44	35	22	57	43	39	36	40	37	38	

Breeding Values and Accuracies: Cows & Heifers

					Value <80		Value >120		Breeding values with an accuracy < 5% are not printed																											
Animal					Selection Values									Birth			Wean					Growth & Adaptability					Fertility				Frame		Carcass			
ID	% Inbreeding	Genomic Parentage	Index EBV Acc		Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Comb mat	Cow-Calf wn	12m wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Frame score	Length	EMA	Fat	Marbling	Dress %
			Sire ID	Dam ID																																
VB 200001		JS02			85	94	118	104	94	95	92	93	93	96	95	82	94	94	118	110	112	99	94	93	93	95	116	106	83	98	70	80	94	110	103	95
Black		VB 140003			71	57	54	50	38	48	36	46	40	61	2.15	0.7	53	30	12	18	167	64	194	58	-88	0.4	27.5	-7.2	0.0	31.7	-2	33	2.22	3.05	0.98	0.60
BLACK ANNY														64	71	64	50	57	54		54	46	45	28	25	50	47	37	24	52	47	43	38	43	39	40
GJJ 220001		6846			89	100	116	103	111	107	105	107	107	99	105	83	95	100	116	111	115	106	107	100	100	75	108	104	99	114	62	84	106	117	120	108
Black	1	VB 200001			66	56	49	47	38	46	40	45	46	64	1.16	0.5	55	34	12	19	175	71	243	79	-101	-0.3	24.2	-6.3	-2.1	40.5	33	36	3.35	3.84	2.38	0.83
RAINFALL BLACK ANNY														41	71	59	47	56	49		51	50	48	17	31	52	50	41	20	52	50	47	45	48	45	46
GJJ 220007		JMS 200271			104	97	106	117	92	103	98	101	99	87	96	99	82	97	106	103	110	94	95	94	94	112	100	88	82	107	108	98	90	101	82	91
Red	4	JMS 200286			55	53	47	44	33	42	28	39	41	49	2.02	-1.4	39	32	9	16	163	59	199	61	-90	1.0	20.3	1.1	0.2	36.7	1	47	1.81	1.95	-0.84	0.51
CHOCTA														42	58	51	44	53	47		48	48	43	20	13	48	47	32	20	47	45	41	39	43	40	41
GJJ 220010		F121			110	109	105	87	103	113	112	113	115	116	108	114	113	109	105	106	105	114	116	109	113	116	134	98	111	99	86	103	112	109	106	113
Red		VB 190005			58	55	41	36	34	41	34	40	42	88	0.88	-3.1	78	38	8	18	149	78	277	102	-122	1.2	35.5	-3.2	-3.7	32.3	-1	51	3.99	2.92	1.20	0.94
ENERGIZE ANNY														41	70	49	36	55	41		44	43	43	31	23	48	44	31	23	48	46	43	40	44	41	42
GJJ 220011		9908G			90	116	103	88	103	112	109	112	110	108	90	99	112	116	103	107	109	112	109	114	110	102	111	99	99	107	111	111	105	104	101	105
Red		JMS 180183			55	35	29	28	25	31	20	29	21	77	2.60	-1.3	77	42	8	19	160	76	253	117	-118	0.7	25.4	-3.7	-2.0	36.5	1	58	3.24	2.28	0.80	0.78
GRINDSTONE POP														36	64	45	28	35	29		31	31	23	18	17	25	24	20	14	42	24	22	20	22	19	21
GJJ 230003		RCM 180227			76	112	119	109	96	114	105	112	105	83	82	69	89	112	119	117	130	115	106	99	105	81	99	102	84	103	111	111	111	99	115	110
Black	1	BD 200247			64	54	43	40	32	42	26	39	37	44	3.38	2.2	47	40	13	22	218	80	241	75	-109	-0.1	20.3	-5.4	-0.1	34.5	1	58	3.84	1.75	2.01	0.88
BRIANA														63	72	55	40	54	43		46	47	39	15	12	44	43	28	19	49	42	38	35	39	35	37
GJJ 230004		GJJ 200001			94	98	108	101	89	96	108	97	116	102	104	91	98	98	108	105	105	102	108	102	104	110	93	81	87	104	116	112	106	107	103	107
Red	1	AC 200870			58	44	34	29	28	35	26	33	25	69	1.23	-0.4	59	33	9	17	149	67	248	84	-106	1.0	17.2	4.9	-0.6	34.9	1	59	3.37	2.63	0.97	0.82
SONJA														39	67	47	29	44	34		36	34	30	16	20	34	33	25	17	41	32	29	24	26	24	25
GJJ 230005		F121			117	117	85	76	98	110	112	111	114	133	109	125	127	117	85	96	92	111	114	101	111	121	126	86	105	103	97	106	119	104	104	118
Red		KD 190124			58	57	39	28	29	40	22	36	35	109	0.84	-4.4	96	42	2	15	111	76	270	79	-119	1.4	32.3	2.3	-2.9	34.6	0	54	4.58	2.31	1.03	1.03
UPTOWN GIRLY														39	71	46	28	57	39		41	36	36	22	8	41	36	24	14	48	39	34	33	37	33	35
GJJ 230007		KD 200319			92	104	120	101	94	108	97	105	100	99	101	90	97	104	120	115	119	102	93	91	98	108	84	88	95	103	119	108	91	95	89	91
Red	1	KD 200327			61	50	52	36	33	42	28	39	30	65	1.58	-0.3	58	35	13	20	187	67	192	53	-97	0.9	13.4	1.6	-1.5	34.1	1	55	1.96	1.23	-0.26	0.53
HEYDAY MOIRA														62	68	52	36	50	52		46	36	34	21	23	36	35	32	22	44	35	33	29	32	29	30
GJJ 230009		9908G			101	91	110	105	100	96			109	96	104	98	94	91	110	104	103	96	111	105	110	113	108	89	100	107	113	109	95	112	92	97
Red		JMS 200286			51	37	34	30	26	32			27	61	1.29	-1.2	54	29	10	16	142	61	260	91	-117	1.1	24.2	1.0	-2.2	36.8	1	56	2.29	3.24	0.05	0.63
CHOCTA 2309														35	63	43	30	37	34		34	34	27	12	8	30	29	21	15	42	29	27	26	28	26	27
GJJ 230011		J137			98	122	105	77	100	118	115	119	116	124	94	110	124	122	105	111	110	124	117	127	117	116	127	93	109	99	106	116	121	96	111	119
Red		VB 190005			61	52	38	32	32	40	33	39	42	97	2.24	-2.7	92	45	8	20	160	88	282	155	-128	1.2	32.3	-1.0	-3.4	32.4	0	62	4.81	1.32	1.64	1.05
JUMPSTART RED AN NY														39	71	50	32	52	38		41	45	42	46	23	49	45	30	22	44	47	43	40	43	40	42
GJJ 240004		175AAN			103	95	105	95	112	101			101	103	109	103	104	95	105	102	99	98	102	102	98	93	98	106	111	107	97	102	101	90	104	100
Black		KD 161532			54	36	33	20	26	31			14	70	0.74	-1.8	67	31	8	16	131	64	226	82	-97	0.4	19.5	-7.1	-3.8	36.5	0	50	2.87	0.59	1.05	0.68
RIVAL BRINA														33	67	42	20	36	33		30	22	16	10	7	18	18	24	14	41	18	16	14	15	14	14

Breeding Values and Accuracies: Cows & Heifers

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

Animal				Selection Values										Birth			Wean					Growth & Adaptability					Fertility				Frame		Carcass				
ID	% Inbreeding	Genomic Parentage	Index EBV Acc	Sire ID	Dam ID	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Comb mat	Cow-Calf wn	12m wt	ADG	Veld growth	FCR	Skin Thicken	Scrotum	Heifer Fert	Cow Fert.	Longevity	Frame score	Length	EMA	Fat	Marbling	Dress %
GJJ 240006	Red	J137		KD 200327		91	116	116	90	102	118	116	119	118	113	103	94	109	116	116	116	120	118	116	114	116	118	111	91	101	108	114	117	128	99	118	126
JUMPSTART MOIRA	1					57	55	37	29	28	39	25	36	38	83	1.39	-0.8	73	42	12	22	189	82	276	119	-128	1.3	25.2	0.1	-2.4	37.1	1	62	5.48	1.71	2.21	1.19
															37	71	46	29	55	37		40	42	38	41	11	46	41	26	16	42	43	39	36	40	36	38
GJJ 240007	Black	KD 200383		KD 200333		93	100	110	91	101	99	103	99	105	106	95	98	108	100	110	107	104	102	101	94	100	106	84	102	98	102	121	112	91	83	89	90
CINDERELLA 2407	2					58	48	39	30	30	38	27	36	28	74	2.08	-1.2	72	33	10	18	144	67	221	60	-100	0.8	13.2	-5.2	-1.9	33.6	2	59	1.96	-0.29	-0.26	0.50
															35	69	47	30	48	39		39	32	30	17	23	33	32	28	18	43	31	29	26	29	26	28
GJJ 240008	Red	J137		KD 190124		103	129	85	67	95	115	114	115	116	140	94	119	138	129	85	100	97	122	115	119	115	121	119	81	103	103	116	119	127	91	109	124
JUMP UPTOWN GIRLY						57	55	36	23	26	37	22	34	34	119	2.19	-3.7	110	48	2	17	125	86	275	132	-125	1.4	29.0	4.5	-2.6	34.3	1	64	5.40	0.72	1.48	1.15
															36	71	44	23	55	36		38	38	34	41	8	42	37	22	14	41	40	36	32	36	32	34
GJJ 240011	Red	2019		JMS 180183		90	129	100	87	98	123	109	122	108	110	84	101	114	129	100	110	116	118	109	117	111	102	105	90	99	104	119	119	103	96	96	102
SARGENT POP 411						56	50	31	29	25	36	24	34	30	80	3.15	-1.6	79	48	7	21	179	82	253	126	-118	0.7	22.7	0.3	-2.2	35.1	1	64	3.04	1.30	0.34	0.73
															36	71	45	29	50	31		37	40	31	19	17	37	35	21	14	41	34	30	28	32	27	30
GJJ 240012	Red	2019		VB 190005		95	119	106	85	99	117	106	116	108	114	90	105	115	119	106	110	113	117	107	107	104	101	109	91	108	100	107	116	100	97	93	100
SARGENT RED ANNY 412						56	49	35	31	31	37	30	36	34	85	2.55	-2.1	80	43	9	20	169	82	243	97	-107	0.6	24.4	-0.1	-3.3	32.4	1	61	2.80	1.46	0.11	0.69
															37	69	46	31	49	35		38	39	36	26	23	40	39	28	22	43	38	35	33	36	33	34
GJJ 240013	Red	DKF 55C		JMS 200286		93	104	101	102	107	105	120	108	118	99	83	96	98	104	101	102	105	111	120	122	118	115	104	105	107	103	137	121	94	109	90	96
CHOCTA 413						66	61	57	54	43	51	32	47	46	65	3.28	-1.0	59	36	7	17	147	75	294	141	-131	1.1	22.5	-6.6	-3.2	34.3	3	66	2.21	2.94	-0.13	0.61
															53	73	61	54	61	57		57	56	50	27	13	54	52	45	28	55	52	49	45	48	45	46
GJJ 240014	Red	J137		JMS 170117		104	111	103	85	97	109	123	112	120	119	105	109	115	111	103	106	105	109	126	118	126	124	121	84	93	110	126	124	119	101	110	119
JUMPSTART JOYCE						58	56	40	39	27	41	26	38	40	91	1.18	-2.5	81	39	8	18	146	74	315	131	-145	1.5	29.9	3.1	-1.3	38.3	2	68	4.65	1.92	1.54	1.04
															36	72	50	39	56	40		45	44	40	42	10	48	43	24	15	42	45	41	38	42	39	40
GJJ 250005	Red	GJJ 220006		AC 200870		98	105	98	97	88	99	112	101	118	107	100	100	103	105	98	100	101	105	116	99	115	116	114	81	94	98	128	121	106	105	94	107
JOYCE JINX	1					54	45	35	29	27	35	21	32	24	76	1.68	-1.4	65	36	6	16	137	69	278	75	-126	1.2	26.7	4.5	-1.4	31.5	2	66	3.37	2.47	0.16	0.82
															38	65	45	29	45	35		36	34	30	15	11	34	33	25	16	40	32	29	23	25	23	24
GJJ 250010	Red	2019		RCM 190180		101	110	104	94	98	110	106	109	108	105	101	103	106	110	104	106	108	107	107	104	107	114	99	85	95	110	113	116	109	102	96	108
RC ANNY SARGENT	1					53	51	30	18	22	33	23	31	30	73	1.50	-1.9	69	39	8	18	157	71	243	89	-111	1.1	20.2	2.8	-1.6	38.1	1	61	3.61	2.10	0.40	0.85
															29	69	39	18	51	30		33	33	30	12	15	37	34	18	12	37	33	28	27	32	28	30
GJJ 250015	Red	0111H		GJJ 230007		101	108	107	94	96	108	106	108	113	109	112	99	105	108	107	107	109	108	108	99	109	106	106	84	98	105	113	117	103	106	101	104
PRIME PLUS MOIRA						51	59	31	20	23	36	22	33	20	78	0.52	-1.4	68	37	9	18	158	73	248	73	-115	0.8	23.4	3.0	-2.0	35.6	1	62	3.10	2.55	0.77	0.76
															31	68	39	20	59	31		37	34	31	11	12	37	35	19	12	37	34	30	19	22	20	20
GJJ 250016	Red	3289		JMS 200286		103	89	120	115	99	102			105	87	104	94	83	89	120	110	115	98	111	122	111	105	103	93	94	108	109	105	93	116	98	96
CADILLAC CHOCTA						56	60	36	31	26	40			28	49	1.27	-0.8	40	28	13	18	176	63	261	140	-120	0.8	21.7	-1.1	-1.5	37.0	1	53	2.15	3.73	0.52	0.61
															36	71	46	31	60	36		42	35	28	12	8	31	30	22	16	39	30	28	27	29	27	28
GJJ 250017	Red	3289		VB 190005		105	108	113	87	98	112	109	112	112	114	106	109	112	108	113	111	111	115	111	116	109	94	112	100	102	96	101	110	106	109	104	107
CADILLAC ANNY						56	59	36	31	30	40	28	38	28	84	1.04	-2.5	77	38	11	20	164	79	258	125	-115	0.4	25.9	-4.2	-2.4	30.7	0	57	3.39	2.92	1.07	0.82
															38	70	46	31	59	36		42	32	30	25	24	31	31	29	23	39	31	30	28	29	28	28

Breeding Values and Accuracies: Cows & Heifers

				Value <80		Value >120		Breeding values with an accuracy < 5% are not printed																													
Animal				Selection Values										Birth			Wean					Growth & Adaptability					Fertility				Frame		Carcass				
ID	% Inbreeding	Genomic Parentage	Index EBV Acc	Sire ID	Dam ID	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass V	Cow wt -brth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Comb mat	Cow-Calf wn	12m wt	ADG	Veld growth	FCR	Skin Thickn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Frame score	Length	EMA	Fat	Marbling	Dress %
GJJ 250018		1101				96	124	86	76	100	112			108	131	90	111	128	124	86	99	98	119	106	102	105	93	100	91	107	101	114	115	109	94	95	108
Black		KD		190124		53	57	32	18	23	35			13	106	2.61	-2.7	97	46	2	17	128	83	241	84	-109	0.4	20.5	-0.1	-3.2	33.1	1	61	3.63	1.05	0.32	0.83
JEFFERSON B GIRLY															34	66	40	18	57	32		36	19	14	10	9	14	15	19	13	38	15	14	12	14	12	13
GJJ 260002		3289				98	100	127	105	100	112			110	98	112	89	92	100	127	118	124	106	107	106	107	96	95	100	94	105	106	107	111	112	111	112
Red		1	KD	200327		56	44	34	28	26	34			22	64	0.46	-0.2	52	33	15	21	200	71	246	94	-112	0.5	18.2	-4.1	-1.4	35.5	0	55	3.83	3.31	1.63	0.91
CADILLAC MOIRA															36	71	45	28	44	34		35	27	24	12	11	26	26	25	16	38	25	23	22	23	22	22
GJJ 260003		1101				92	113	100	93	109	112			102	107	94	97	107	113	100	104	107	114	100	106	99	94	94	102	117	100	105	105	104	95	102	103
Black		KD		161532		52	34	33	19	26	30			14	75	2.17	-1.2	70	40	7	18	154	78	217	96	-98	0.4	17.8	-5.3	-4.5	32.9	0	53	3.17	1.19	0.84	0.75
JEFFERSON BRINA															33	64	40	19	34	33		29	21	16	10	7	17	17	24	14	39	17	15	13	15	13	14
GJJ 260006		H302				107	116	100	88	109	119			117	115	102	113	113	116	100	105	107	117	118	119	116	115	118	103	115	102	111	119	116	91	108	114
Red		1	GJJ	230011		48	37	27	23	22	29			24	86	1.49	-2.9	78	42	7	18	153	81	285	134	-128	1.1	28.6	-5.8	-4.2	33.7	1	64	4.33	0.75	1.37	0.96
JUMP R ANNY BLUE CHIP															22	62	38	23	37	27		29	30	25	24	12	29	27	19	13	34	27	25	23	25	23	24
GJJ 260008		1101				89	108	112	98	106	111			105	103	95	90	100	108	112	111	116	112	105	104	105	86	108	106	101	105	93	100	104	107	106	105
Black		VB		200001		51	32	28	26	22	28			21	70	2.10	-0.3	62	38	10	20	177	77	236	89	-108	0.1	24.1	-7.3	-2.4	35.2	-1	49	3.22	2.68	1.20	0.78
JEFF B.ANNY															32	63	41	26	32	28		29	24	23	14	13	25	24	19	12	34	24	22	20	22	20	21
GJJ 260010		H302				113	117	90	87	108	117			116	119	105	119	114	117	90	99	100	114	116	106	113	117	118	100	113	104	107	114	115	95	104	114
Red		1	GJJ	230005		37	38	27	22	21	27			22	92	1.15	-3.6	80	42	4	16	134	78	278	96	-123	1.2	28.6	-4.2	-3.9	34.8	1	60	4.22	1.25	1.06	0.95
GIRLY ENG BLUE CHIP															22	45	31	22	38	27		29	27	22	12	6	26	23	17	10	35	24	21	20	23	20	22

Selection List on Cow Value

Bulls 2 years and older

ID Name Sorted on ID		Sire ID	Dam ID	% Inbreeding	Horned / Polled	Myostatin n1821 F94L		Genomic test	Calving Ease Value Acc	Calf Growth Value Acc	Milk Value Acc	Maint. Value Acc	Fertility Value Acc	Cow Value Acc	Growth Value Acc	Prod Value Acc		
									★★★★★									
1	GJJ 240010 ANNY GUARANTEE	9137	GJJ 220001	0.7					9740	10036	11526	10124	11824	11128	10820	11126	11726	

Selection List on Cow Value
Cows 2 years and older

ID Sorted on ID		Name	Sire ID	Dam ID	% Inbreeding	Horned / Polled	Myostatin nt821 F94L	Genomic test	Calving Ease Value Acc	Calf Growth Value Acc	Milk Value Acc	Maint. Value Acc	Fertility Value Acc	Cow Value Acc	Growth Value Acc	Prod Value Acc		
									★★★★★									
1	GJJ 240011	SARGENT POP 411	2019	JMS 180183	0.2				9056	12950	10031	8729	9825	12336	10924	12234	10830	
									★★★★★									
1	GJJ 220010	ENERGIZE ANNY	F121	VB 190005	0.1				11058	10955	10541	8736	10334	11341	11234	11340	11542	
2	GJJ 220011	GRINDSTONE POP	9908G	JMS 180183	0.1				9055	11635	10329	8828	10325	11231	10920	11229	11021	
3	GJJ 230003	BRIANA	RCM 180227	BD 200247	0.6				7664	11254	11943	10940	9632	11442	10526	11239	10537	
4	GJJ 230005	UPTOWN GIRLY	F121	KD 190124	0.5				11758	11757	8539	7628	9829	11040	11222	11136	11435	
5	GJJ 230011	JUMPSTART RED AN NY	J137	VB 190005	0.1				9861	12252	10538	7732	10032	11840	11533	11939	11642	
6	GJJ 240006	JUMPSTART MOIRA	J137	KD 200327	0.6				9157	11655	11637	9029	10228	11839	11625	11936	11838	
7	GJJ 240008	JUMP UPTOWN GIRLY	J137	KD 190124	0.5				10357	12955	8536	6723	9526	11537	11422	11534	11634	
8	GJJ 240012	SARGENT RED ANNY 412	2019	VB 190005	0.1				9556	11949	10635	8531	9931	11737	10630	11636	10834	
9	JMS 180183	POP 183	JMS 150998	JMS 140871	5.5				8674	12768	9355	8053	8941	11253	10538	11150	10239	
									★★★★★									
1	BD 200247	BRIANA 15	WB 160126	BD 120041	0.9				7273	11667	10753	9554	7742	10253	11430	10448	11140	
2	GJJ 220001	RAINFALL BLACK ANNY	6846	VB 200001	1.3				8966	10056	11649	10347	11138	10746	10540	10745	10746	
3	GJJ 220007	CHOCTA	JMS 200271	JMS 200286	3.9				10455	9753	10647	11744	9233	10342	9828	10139	9941	
4	GJJ 230007	HEYDAY MOIRA	KD 200319	KD 200327	0.9				9261	10450	12052	10136	9433	10842	9728	10539	10030	
5	GJJ 240004	RIVAL BRINA	175AAN	KD 161532	0.1				10354	9536	10533	9520	11226	10131			10114	
6	GJJ 240013	CHOCTA 413	DKF 55C	JMS 200286	0.0				9366	10461	10157	10254	10743	10551	12032	10847	11846	
7	GJJ 240014	JUMPSTART JOYCE	J137	JMS 170117	0.3				10458	11156	10340	8539	9727	10941	12326	11238	12040	
8	JMS 170117	JMS 17 117	RCM 140122	JMS 150971	3.7				8575	11673	10669	9473	8443	10760	11436	10955	10950	
9	JMS 180146	JMS 18 146	JMS 150998	JMS 160005	0.8				8473	10569	13356	9453	8939	10953	10836	10950	10740	
10	KD 161532	KD161532	PV 130018	KD 141351	0.6				8677	11062	9564	9337	9946	10152	8422	9646	8828	
11	KD 200327	20 327	U6509	KD 101042	0.0				8574	10370	12762	10451	9445	10955	10032	10750	10540	
12	KD 200333	KD 200333	SCJ 160059	KD 090882	1.0				8071	11267	10954	8036	9638	10449	10536	10346	10838	
									★★★★									

Selection List on Cow Value

Cows 2 years and older

ID	Name	Sire ID	Dam ID	% Inbreeding	Horned / Polled	Myostatin	Genomic test	Calving Ease Value	Calf Growth Value	Milk Value	Maint. Value	Fertility Value	Cow Value	Growth Value	Prod Value		
Sorted on ID						nr821	F94L	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc		
1	AC 200870 SONJA 6	AC 170332	AC 160233	0.7				10270	10269	10451	9334	8941	9950	11032	10146	12528	
2	GJJ 230004 SONJA	GJJ 200001	AC 200870	1.2				9458	9844	10834	10129	8928	9635	10826	9733	11625	
3	GJJ 230009 CHOCTA 2309	9908G	JMS 200286	0.1				10151	9137	11034	10530	10026	9632			10927	
4	GJJ 240007 CINDERELLA 2407	KD 200383	KD 200333	2.1				9358	10048	11039	9130	10130	9938	10327	9936	10528	
5	JMS 200286 CHOCTA 286	RCM 140122	JMS 130831	4.5				9073	9372	10865	11358	9043	9357	11034	9552	10152	
6	KD 190124 KD 190124	KD 161539	KD 161533	1.8				10174	13069	6560	5735	8040	9952	9722	9846	10025	
7	RCM 190180 RCM 190180	JMS 160035	RCM 160155	0.7				9167	10169	10252	9429	8836	9448	9835	9345	10238	
8	VB 190005 RED ANNY	26P	VB 140002	0.0				9371	10762	10564	7757	9053	9855	9852	9754	10153	
9	VB 200001 BLACK ANNY	JS02	VB 140003	0.0				8571	9457	11854	10450	9438	9548	9236	9346	9340	

Selection List on Cow Value

Bull calves younger than 2 years

ID Sorted on ID	Name	Sire ID	Dam ID	% Inbreeding	Horned / Polled	Myostatin n1821 F94L	Genomic test	Calving Ease Value Acc	Calf Growth Value Acc	Milk Value Acc	Maint. Value Acc	Fertility Value Acc	Cow Value Acc		Growth Value Acc	Prod Value Acc	Carcass Value Acc				
								★★★★★													
1	GJJ 250001	TANK FR TIENKIE	GJJ 220006	GJJ 210003	0.9			7753	12042	11835	10433	9825	12134		11222	12032	11029				
2	GJJ 250003	DUTTON TIENKIE	J137	JMS 180146	0.6			8457	12655	12134	8530	10225	12838		12027	12836	11938				
3	GJJ 250020	POP CADILLAC	3289	JMS 180183	0.0			9256	12044	11131	9329	9824	12034		11120	12031	10922				
								★★★★★													
1	GJJ 250006	MOIRA MONTY	K126	KD 200327	0.7			9454	11243	11333	9726	10126	11633				11521				
2	GJJ 250011	POP CHECK-ME	K126	GJJ 220011	0.4			10546	11531	10017	9015	11018	11824				11812				
3	GJJ 250014	BRIANA RAIN	GJA 210011	GJJ 230003	0.7			7256	11443	11933	10229	10526	11534		10823	11432	11028				
4	GJJ 250019	RAIN RIVAL B ANNY	175AAN	GJJ 220001	0.4			9450	10134	11726	10025	11822	11228		11021	11227	11124				
5	GJJ 260001	CADILLAC JOYCE	3289	JMS 170117	0.0			9357	11246	11737	10038	9625	11637		11520	11734	11227				
6	GJJ 260005	SONYA CADILLAC SAGE	3289	AC 200870	0.6			10848	10244	11529	9921	9824	11031				12018				
7	GJJ 260605	CADILLAC SONJA SAGE	3289	AC 200870	0.6			10848	10244	11529	9921	9824	11031				12018				
								★★★★★													
1	GJJ 250007	BRINA BIG SKY	0969	KD 161532	0.1			9354	11253	10242	9531	10033	10940		10226	10837	10632				
2	GJJ 250008	BRINA BASIC	0969	KD 161532	0.1			9354	11253	10242	9531	10033	10940		10226	10837	10632				
3	GJJ 260009	CHOCOLATE	3289	GJJ 230009	1.0			10840	9633	11822	10519	10418	10924				11317				

Selection List on Cow Value
Heifers younger than 2 years

ID	Name	Sire ID	Dam ID	% Inbreeding	Horned / Polled	Myostatin	Genomic test	Calving Ease Value	Calf Growth Value	Milk Value	Maint. Value	Fertility Value	Cow Value		Growth Value	Prod Value	Carcass Value									
Sorted on ID						nt821	F94L	Acc	Acc	Acc	Acc	Acc	Acc		Acc	Acc	Acc									
								★★★★★																		
1	GJJ 250010	RC ANNY SARGENT	2019	RCM 190180	0.5			101	53	110	51	104	30	94	18	98	22	110	33		106	23	109	31	108	30
2	GJJ 250017	CADILLAC ANNY	3289	VB 190005	0.0			105	56	108	59	113	36	87	31	98	30	112	40		109	28	112	38	112	28
3	GJJ 250018	JEFFERSON B GIRLY	1101	KD 190124	0.0			96	53	124	57	86	32	76	18	100	23	112	35					108	13	
4	GJJ 260002	CADILLAC MOIRA	3289	KD 200327	0.5			98	56	100	44	127	34	105	28	100	26	112	34					110	22	
5	GJJ 260003	JEFFERSON BRINA	1101	KD 161532	0.0			92	52	113	34	100	33	93	19	109	26	112	30					102	14	
6	GJJ 260006	JUMP R ANNY BLUE CHIP	H302	GJJ 230011	0.7			107	48	116	37	100	27	88	23	109	22	119	29					117	24	
7	GJJ 260008	JEFF B.ANNY	1101	VB 200001	0.1			89	51	108	32	112	28	98	26	106	22	111	28					105	27	
8	GJJ 260010	GIRLY ENG BLUE CHIP	H302	GJJ 230005	1.1			113	37	117	38	90	27	87	22	108	21	117	27					116	22	
								★★★★★☆☆																		
1	GJJ 250015	PRIME PLUS MOIRA	0111H	GJJ 230007	0.3			101	51	108	59	107	31	94	20	96	23	108	36		106	22	108	33	113	20
2	GJJ 250016	CADILLAC CHOCTA	3289	JMS 200286	0.0			103	56	89	60	120	36	115	31	99	26	102	40					105	28	
								★★★★★																		
1	GJJ 250005	JOYCE JINX	GJJ 220006	AC 200870	1.4			98	54	105	45	98	35	97	29	88	27	99	35		112	21	101	32	118	24

