

ANGUS

GENOMIC BREEDING VALUE REPORT

September 2026



MR P.F. MEADE

Herd Number: 331285

E-mail: gppaul@iafrica.com



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.

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



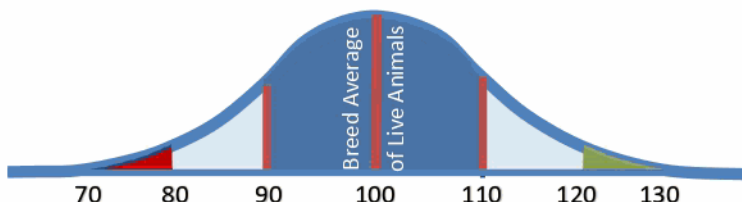
80% LOGIX Cow Value +
20% LOGIX Growth Value

LOGIX Carcass Value

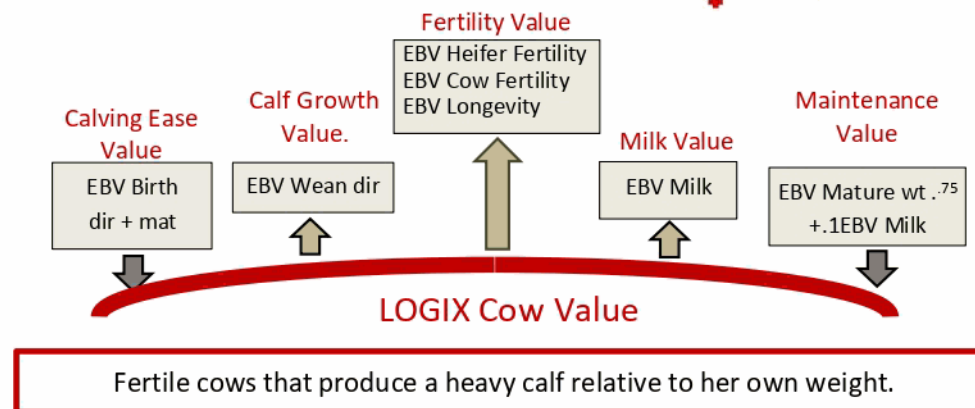


Select for more meat on the carcass as measured from end weight in Phase C and D Growth Tests and RTU scanning.

Interpretation of EBVi and Selection Values



LOGIX Cow Value



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)

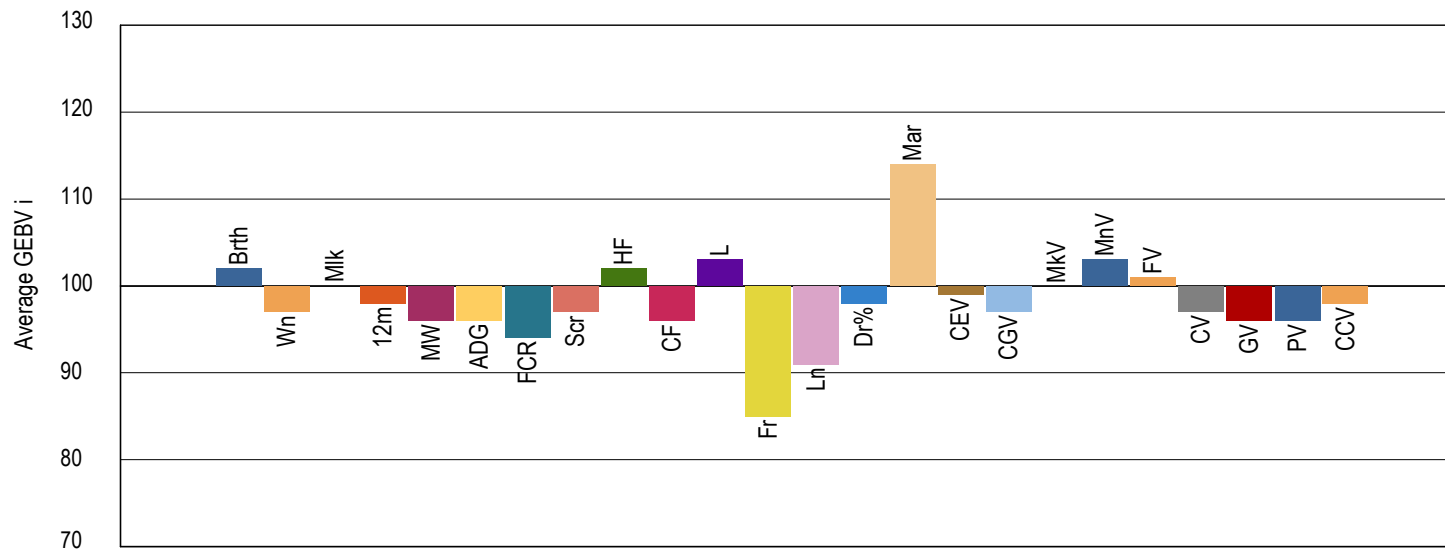
- Maintenance Value >110
 - Cow Value and Fertility Value average to high
- Lighter cows have a lower maintenance.

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	1.46	102	1.64
	Wean Weight	31.9	97	33.6
	Birth Mat.	0.44	97	0.30
	Milk (Wn.Mat.)	6.8	100	6.6
Postwean Growth	12m weight	63	98	65.1
	Mature Weight	61	96	65
	ADG	204	96	217
	FCR	-89	94	-100
Fertility	Scrotal Circumf.	19.0	97	20.5
	Heifer Fertility	-5.3	102	-4.3
	Cow Fertility	-1.7	96	-2.2
	Longevity	34.6	103	32.7
Frame	Frame score	-1	85	0
	Length	42	91	49
Carcass	Dressing%	0.65	98	0.69
	Marbling	1.93	114	0.71

Selection Value	Ave. Herd
Calving Ease	99
Calf Growth	97
Milk	100
Maintenance	103
Fertility	101
Cow Value	97
Growth Value	96
Production Value	96
Carcass Value	98

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

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

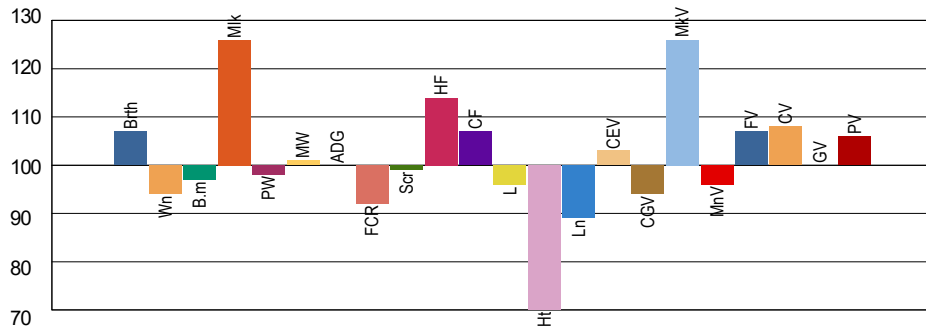
Calving ease:	Smaller calf at birth - easier calving
Calf growth:	Heavier calves at wean due to growth potential of the calf
Milk:	Cows with more milk and better mothering ability
Maintenance:	Animals with low maintenance requirements (lower mature weight).
Fertility:	Cows/daughters that calve earlier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

Genetic Windows

Bulls on the farm

Bulls born in 2023 and earlier

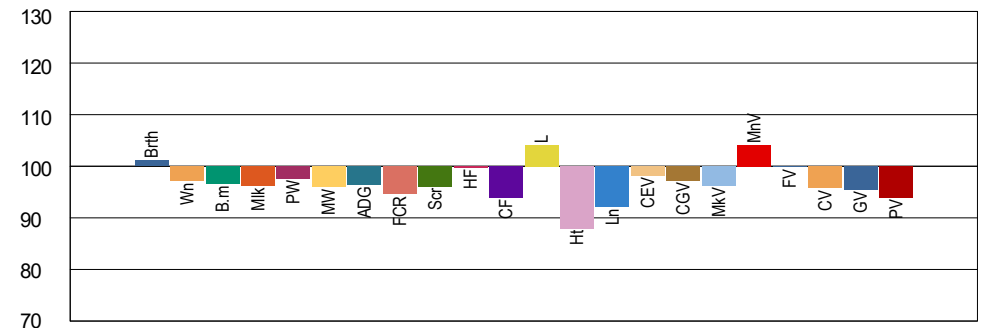
Total: 1



Cow Herd

Cows born in 2024 and earlier

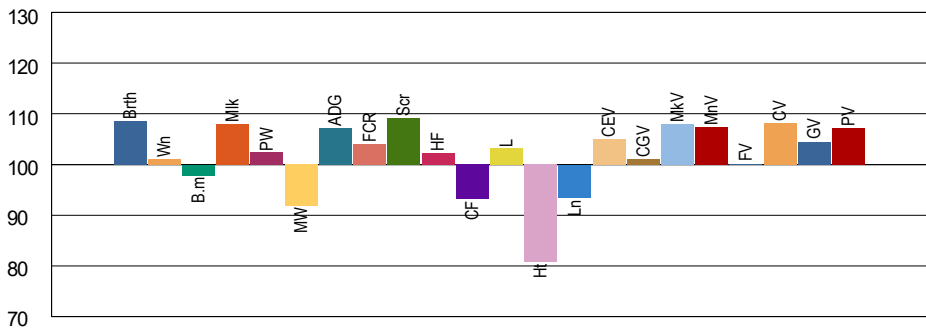
Total: 31



Sires of young animals

Sires of animals 3 years and younger

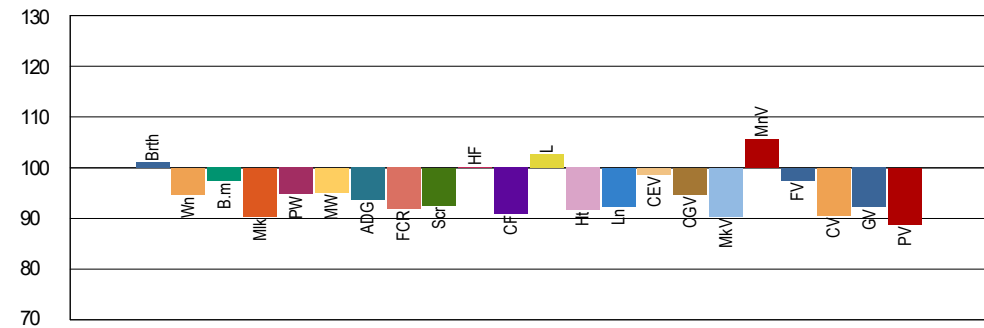
Total: 6



Cows older than 6 years

Cows born in 2020 and earlier

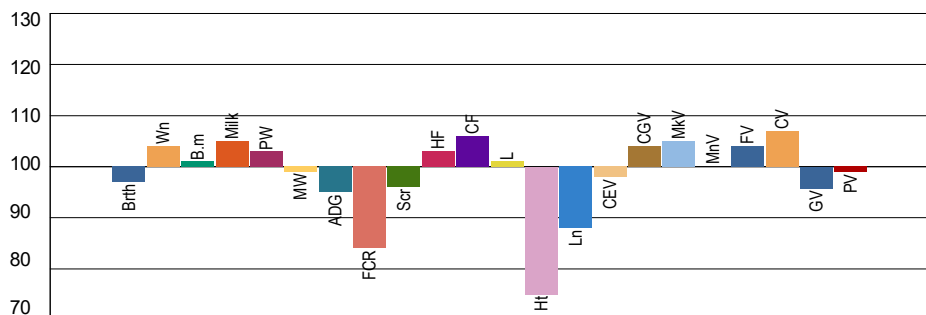
Total: 17



Bull calves

Bulls born in 2025

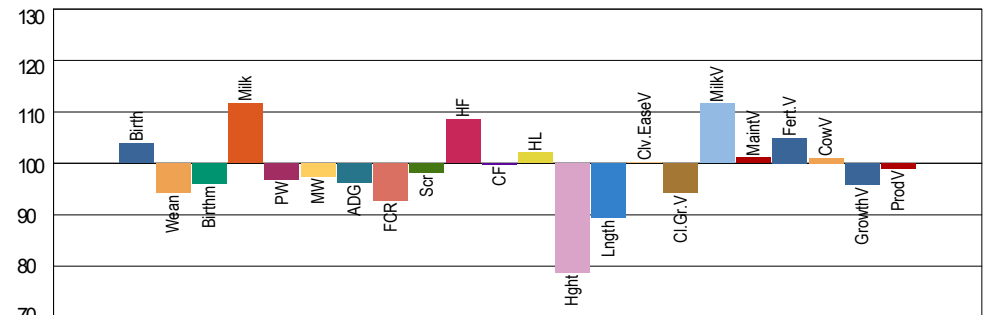
Total: 1



Heifer calves

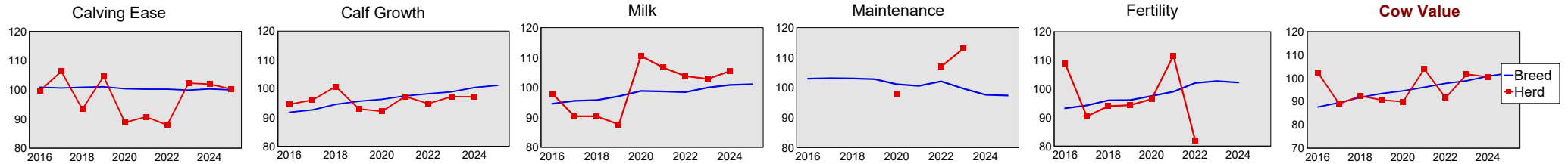
Heifers born in 2025

Total: 9



Genetic Trends for On-Farm Traits

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



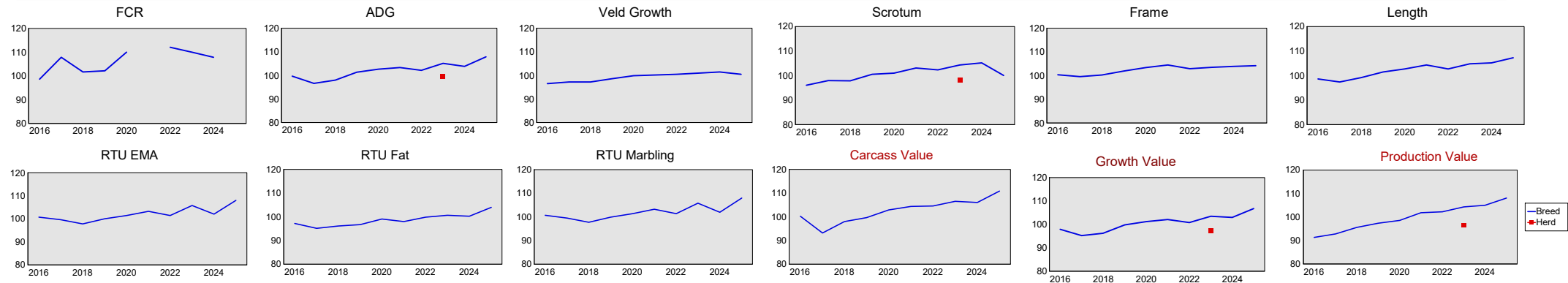
Herd

Birth Year	Calving Ease				Calf Growth			Milk			Maintenance					Fertility						Cow Value
	Birth Weight		Mat EBV	Calv. Ease	Weaning Weight		Calf Growth	Milk (Wn.Mat.)		Postwean Weight	Mature Weight		Maintenance	Heifer Fert.		Cow Fert.		Longevity		Fertility		
	Number	Dir EBV			Number	EBV		Number	EBV		Milk	Number		EBV	Number	EBV	Number	EBV	Number		EBV	
2016	3	1.55	0.34	100	5	30.9	95	5	6.01	98						1	-3.7	6	26.9	109	103	
2017	7	0.90	0.27	106	10	31.6	96	10	3.64	90					3	-1.1	3	-0.2	14	27.8	90	89
2018	6	1.83	0.58	93	5	33.8	101	5	3.63	90						1	0.4	6	31.1	94	93	
2019	7	1.39	0.13	105	3	30.1	93	3	2.74	88					3	-5.5	2	-0.9	7	29.8	94	91
2020	20	2.08	0.73	89	7	29.6	92	7	9.98	111		2	66	98	5	-5.1			19	28.4	96	90
2021	16	1.89	0.71	91	3	32.3	97	3	8.69	107					3	-4.6	1	-1.5	14	30.1	112	104
2022	15	2.20	0.74	88	6	31.0	95	6	7.85	104		1	55	107		1	-1.0	10	28.5	82	92	
2023	18	1.17	0.38	102	16	32.2	97	16	7.59	103	4	68.0		113								102
2024	18	1.13	0.41	102	17	32.2	97	17	8.30	105												101
2025	24	1.33	0.42	100																		

Breed

Birth Year	Calving Ease				Calf Growth			Milk			Maintenance						Fertility								Cow Value			
	Birth Weight		Calv. Ease	Dir EBV	Mat EBV	Weaning Weight		Calf Growth	Milk (Wn.Mat.)		Postwean Weight		Mature Weight		Maintenance	Heifer Fert.		Cow Fert.		Longevity		Ferti- lity						
	Number	EBV				Number	EBV		Number	EBV	Number	EBV	Number	EBV		Number	EBV	Number	EBV	Number	EBV		Number	EBV				
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			
2017																												
2018																												
2019																												
2020																												
2021																												
2022																												
2023				4	215	100				4	19.6	98														98	97	
2024																												
2025																												

Breed

Birth Year	Growth												Frame						Carcass						Selection Values				
	FCR			ADG			Veld Growth			Scrotum			Height			Length			RTU		EMA		Fat		Marbling		Cracss Value	Growth Value	Prod Value
	Number	EBV	EBVi	Number	EBV	EBVi	Number	EBV	EBVi	Number	EBV	EBVi	Number	EBV	EBVi	Number	EBV	EBVi	Number	EBV	EBVi	EBV	EBVi	EBV	EBVi				
2017	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	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
011		6108		99	83	60	155	88	75			79	57	106	67	56	83	60	68	67	87	78	85		83	68	117	66	93	76	68	67	97	111	69	59	34
Black		745R		89	88	83	83	58	72			26	10	1.11	2.4	5	25	-5.8	4.5	42	53	135	33		0.00	6.1	-12.3	2.4	29	-2	24	-0.36	1.45	1.67	0.09	21	67
DUFF ANGUS 011													5	93	87	83	88	83		85	80	13	42		35	32	54	33	86	30	24	23	29	24	26		
0256		730P		123	92	103	123	108	109	99	107	110	85	119	112	77	92	103	99	106	98	102	101	90	69	104	120	104	96	38	78	112	140	141	116	89	67
Black		6014AAA		91	95	87	85	65	77	57	73	80	47	-0.17	-2.8	33	30	7.4	14.8	150	63	224	79	-82	-0.50	22.2	-13.5	-2.8	31	-5	32	3.92	6.65	4.17	0.99	12	63
COLEMAN CHARLO 0256													60	96	89	85	95	87		89	87	81	17	31	87	84	69	37	90	84	80	77	82	78	80		
0969		6846		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
Black		9477		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	
S A V GRAND CANYON 0969													85	95	89	86	92	86		88	87	86	84	85	87	87	85	84	88	87	86	86	87	86	86		
13395344		11418151		117	106	65	130	105	106	96	103	99	77	101	110	74	106	65	79	86	98	94	54	70	114	97	112	106	96	64	78	107	115	145	108	18	11
Black		4206		83	82	79	74	58	68	71	69	52	36	1.52	-2.6	29	36	-4.3	9.3	96	63	194	-55	-48	1.12	19.4	-9.8	-3.1	30	-3	32	3.44	3.61	4.52	0.84	8	35
G A R PREDESTINED													71	87	80	74	82	79		78	72	69	36	71	77	75	56	36	83	73	66	49	55	49	52		
232		9105		100	97	79	111	59	78			90	91	108	93	91	97	79	85	82	98	101	140	98	93	90	81	60	78	99	98	98	109	85	97	25	13
Black		443 808		79	76	69	67	42	60			14	55	0.87	-0.6	49	32	0.1	10.7	84	63	221	194	-96	0.37	16.0	4.8	3.2	20	0	47	2.62	2.96	-0.56	0.64	10	26
DUFF NAPOLEON 232													5	86	74	67	76	69		71	64	13	6	2	18	17	28	19	78	16	13	12	15	13	14		
25L		0100		100	105	99	99	104	106	108	106	113	103	94	103	101	105	99	101	100	99	112	80	110	85	95	113	87	106	104	108	108	102	96	112	24	19
Black		1940		75	82	62	50	45	59	22	52	24	69	2.16	-1.9	63	36	6.2	16.2	135	64	264	20	-116	0.06	18.3	-10.4	-0.6	36	0	55	3.60	2.07	0.33	0.92	4	8
CONNEALY COURAGE 25L													27	86	66	50	82	62		65	60	27	22	18	24	28	43	22	71	27	25	23	25	23	24		
3439		34077075		85	109	110	85	87	100	131	106	130	110	101	89	114	109	110	110	108	113	138	88	127	80	108	76	88	104	100	113	118	114	122	119	66	53
Black		4136		86	91	75	70	58	70	44	65	48	80	1.54	-0.2	80	38	9.8	19.2	157	78	360	42	-146	-0.10	24.2	7.2	-0.7	35	0	59	4.50	3.50	2.54	1.05	9	22
S A V RENOWN 3439													41	94	80	70	91	75		79	74	52	21	34	58	55	58	33	84	55	51	46	50	45	48		
6846		0256		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
Black		4136		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	24
S A V RAINFALL 6846													52	98	87	80	97	82		86	89	85	21	57	91	88	74	33	83	88	83	82	87	81	84		
7301		0035		118	110	67	121	63	97	113	99	128	88	116	109	82	110	67	81	89	112	114	101	110	83	143	73	56	90	86	101	150	142	120	152	169	129
Black		5297		94	96	91	87	75	80	73	79	83	51	0.10	-2.5	38	39	-3.8	10.4	103	76	272	81	-117	0.02	39.7	8.4	3.7	27	-1	50	7.65	6.91	2.36	1.68	27	39
S A V PIONEER 7301													71	97	92	87	96	91		91	91	86	41	59	83	90	78	52	95	89	84	81	85	81	83		
805		587		121	89	95	117	84	94	87	91	95	84	111	112	83	89	95	93	90	88	84	102	87	90	87	97	94	82	93	92	90	95	97	99	2	1
Black		6123TC		52	49	47	30	34	39	33	38	30	45	0.62	-2.9	40	28	5.0	12.8	106	54	156	83	-77	0.25	14.9	-2.9	-1.5	23	-1	42	1.88	1.19	0.43	0.67	2	4
TC THUNDER 805													12	56	44	30	49	47		42	38	37	10	28	35	41	26	11	64	39	36	28	32	29	30		
854E				102	92	96	111	106	96	94	94	87	90	105	96	89	92	96	95	96	90	92	103	93	74	85	107	110	97	84	87	91	95	103	91	52	44
Black		9973782		89	91	86	80	63	74	32	66	20	53	1.13	-0.9	47	30	5.5	13.6	122	56	187	85	-88	-0.31	14.0	-7.8	-3.6	31	-1	39	1.92	1.17	0.92	0.51	20	77
O C C EMBLAZON 854E													52	93	86	80	91	86		86	85	36	27	28	37	41	63	38	89	34	29	19	20	19	20		
9288		8329		116	81	87		60									112	85			79	84	73		97	75	91	70	64	70						6	3
Black		7620		45	45	33		29						0.49	0.3		-2	24	2.5	9.6	76	50	114		0.51	9.3	-0.1	1.7	13	-2						3	3
BERAL OF WYE UMF 9288														56	30	2	45	33		27	15	18		2	23	19	4	65	2								
F255		5437		112	105	107	105	104	115	113	115	118	99	115	107	93	105	107	106	112	109	118	105	113	68	113	108	92	106	109	117						
Black		B801		76	76	74	74	75	68	74	69	74	64	0.20	-2.2	53	36	8.9	17.9	168	73	286	92	-123	-0.51	26.4	-8.1	-1.2	36	1	63	3.74	2.89	1.84	0.89	1	1
RIVERBEND GOOD BOOK F255													74	77	75	74	76	74		75	74	74	74	74	74	74	74	74	78	74	74	74	74	74	74		

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 Thickn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Frame score	Length	EMA	Fat	Marbling	Dress %	Nr measured		
Birth																																				Wean		
ID																																				Grwth Test	Dght&clv (Weaned)	
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	34
SAC CONVERSATION																																						
KCM 150007		028		88	114	79	100	95	100	98	98	108	105	93	90	101	114	79	91	94	115	102	100	100	91	107	106	97	90	93	99	109	118	111	110	36	27	
Black		KCM 120039		83	87	74	70	53	67	25	59	24	73	2.34	-0.3	63	41	0.0	13.6	118	80	227	78	-100	0.31	23.7	-7.0	-1.8	27	-1	48	3.64	3.96	1.61	0.89	12	17	
CAPITALIST 507																																						
KCM 170109		KCM 140006		79	92	126	102	89	93			92	96	88	78	95	92	126	115	116	101	93	107	91	93	83	97	104	83	92	94	89	110	115	91	46	13	
Black		KCM 110032		81	81	69	61	48	62			12	61	2.74	1.1	56	30	14.7	19.7	177	66	191	98	-84	0.35	13.1	-2.9	-2.8	23	-1	44	1.74	3.09	1.96	0.51	11	13	
STOREMAN 7109																																						
KCM 210009		0256		103	94	126	96	107	108	100	106	107	106	107	102	101	94	126	115	115	98	100	106	92	79	99	114	107	96	69	89	105	126	125	108	36	12	
Black		KCM 090031		75	77	62	60	47	59	31	53	42	74	1.02	-1.8	63	31	14.9	20.2	176	63	217	95	-86	-0.14	20.2	-10.8	-3.2	31	-2	40	3.28	5.03	2.85	0.84			
CHARMER 109																																						
NK 030026		878		110	57	94	121	71	53	96	56	85	77	126	92	80	57	94	82	67	67	106	100	105	98	114	111	49	82	97	87	94	106	122	94	185	158	
Black		HR 920106		95	97	93	73	75	79	42	72	24	36	-0.79	-0.5	36	12	4.7	7.2	44	33	240	76	-108	0.53	26.8	-9.7	4.6	23	0	39	2.20	2.50	2.58	0.58	44	164	
ELM																																						
NLA 120003		7301		108	100	90	109	73	93	101	93	113	90	109	102	91	100	90	93	96	99	102	98	97	85	114	79	85	82	95	101	122	125	117	124	6	10	
Black		WB 060184		74	80	69	59	53	62	45	59	50	53	0.77	-1.7	50	34	3.6	13.6	123	65	224	71	-95	0.07	26.9	5.4	-0.3	23	0	50	4.95	4.83	2.16	1.14	4	7	
CLAYMORE 1203																																						
NLA 190010		9288		119	88	88	126	89	92	79	87	78	76	116	107	76	88	88	88	80	92	84	105	85	92	91	90	82	102	87	81	85	92	91	84	5	2	
Black		NLA 130014		58	52	41	25	32	39	22	36	18	34	0.12	-2.3	31	27	2.9	11.1	79	57	157	91	-73	0.31	16.4	0.2	0.1	34	-1	34	1.32	0.81	-0.04	0.39	1		
ENDEAVOUR 1910																																						
NLA 210003		6846		100	119	94	91	100	115	117	116	121	112	104	103	109	119	94	102	106	118	117	103	108	75	104	99	98	103	77	100	119	125	126	121	5	5	
Black		NLA 120002		68	69	55	49	41	52	43	50	48	82	1.27	-1.8	73	43	4.7	17.5	150	83	282	87	-113	-0.29	22.4	-3.7	-1.9	34	-2	49	4.62	4.83	2.88	1.09			
GRIP 2103																																						
WB 100016		5682		104	121	89	92	92	115	119	116	128	110	97	110	109	121	89	100	105	121	112	131	112	89	118	100	95	91	120	118	129	103	115	128	87	61	
Black		WB 070027		91	93	86	80	68	76	56	72	74	79	1.91	-2.6	73	44	3.3	17.0	147	86	262	168	-120	0.23	28.4	-4.2	-1.6	28	2	63	5.59	2.15	1.95	1.22	1	21	62
BANGER																																						

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	Veld growth	FCR	Skin Thickn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Frame score	Length	EMA	Fat	Marbling	Dress %
			Sire ID Dam ID																																
KCM 210009		0256		103	94	126	96	107	108	100	106	107	106	107	102	101	94	126	115	115	98	100	106	92	79	99	114	107	96	69	89	105	126	125	108
Black 1		KCM 090031		75	77	62	60	47	59	31	53	42	74	1.02	-1.8	63	31	14.9	20	176	63	217	95	-86	-0.1	20.2	-10.8	-3.2	30.7	-2	40	3.28	5.03	2.85	0.84
CHARMER 109													33	88	69	60	77	62		66	48	43	14	18	47	45	47	28	66	45	42	40	43	40	42
NLA 250023		KCM 210009		98	104	105	100	104	107	95	104	101	100	97	99	99	104	105	105	108	103	95	91	84	89	96	103	106	101	75	88	102	119	127	104
Black 1		NLA 130009		60	54	51	40	34	43	28	40	28	67	1.88	-1.4	61	36	8.3	17	155	68	198	51	-72	0.2	18.6	-5.6	-3.1	33.0	-2	39	2.94	4.10	3.03	0.76
KESTREL													27	70	53	40	54	51	48	35	31	14	23	33	33	34	19	48	32	30	27	29	27	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 -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 %
E 110088 Black E110088		854E H		060135	99 80	73 77	95 78	107 58	106 51	73 62	83 36	72 57	77 14	92 55	111 0.60	91 -0.4	92 52	73 20	95 5	88 10	78 74	78 44	81 145	122 140	89 -80	72 -0.4	84 13.2	113 -10.4	103 -2.6	100 32.4	89 -1	85 37	73 0.19	101 2.00	106 1.18	74 0.20
E 110110 Black EVERGREEN 11B		854E H		020318	93 82	88 79	104 83	101 57	105 51	88 64	85 24	85 56	78 12	96 61	99 1.75	92 -0.6	98 59	88 27	104 8	99 14	94 118	87 53	87 169	121 139	97 -94	83 0.0	98 19.8	92 -0.5	103 -2.6	112 39.4	91 -1	89 41	74 0.31	98 1.61	101 0.76	75 0.22
NLA 120002 Black BARDOLENA BABE 1202		7301 1 WB		060070	107 78	117 75	78 74	90 59	86 51	104 61	112 47	105 58	118 50	112 82	100 1.68	114 -3.1	113 78	117 42	78 0	91 14	92 111	115 79	112 261	101 81	107 -111	93 0.4	106 23.2	97 -3.0	81 0.3	93 28.9	96 0	107 55	118 4.54	126 5.03	115 1.96	120 1.08
NLA 130008 Black JUNE BUG 1308		13395344 1 WB		060094	98 74	108 73	82 74	102 54	109 47	103 59	102 44	102 56	105 40	96 61	92 2.40	102 -1.6	99 60	108 37	82 1	91 13	93 115	104 69	102 226	71 -6	91 -84	109 0.9	93 17.2	118 -12.7	101 -2.3	102 33.7	86 -1	99 48	106 3.37	114 3.47	135 3.65	107 0.83
NLA 130009 Black CARRIE 1309		13395344 2 WB		060184	101 78	106 76	82 80	104 53	102 48	101 61	90 44	97 58	96 37	95 59	98 1.79	102 -1.7	97 58	106 37	82 1	90 13	92 113	100 65	90 179	75 7	75 -57	100 0.6	92 17.0	92 -0.4	105 -3.0	105 35.3	82 -1	87 39	98 2.60	111 3.18	130 3.22	99 0.67
NLA 130014 Black EVERGREEN 1314		WB 100016 E		110110	109 74	104 75	90 75	95 49	104 48	103 59	98 32	101 54	98 38	105 72	105 1.21	112 -2.8	105 68	104 35	90 3	95 14	93 114	100 65	97 205	127 156	102 -103	86 0.1	106 23.4	93 -1.2	94 -1.5	115 41.1	102 0	100 49	98 2.59	100 1.84	107 1.26	98 0.65
NLA 140001 Black PROUD MOLLY		NK 030026 1 WB		060136	100 69	72 68	83 74	112 52	90 50	64 57	88 34	64 52	87 29	85 47	110 0.67	91 -0.4	89 47	72 20	83 1	79 7	69 47	79 44	98 211	95 64	95 -92	95 0.4	96 18.8	108 -8.0	72 1.5	98 31.4	94 0	90 41	85 1.35	105 2.43	119 2.30	86 0.43
NLA 150002 Red PROUD MARY 1502		805 WB		060136	108 73	85 66	70 68	114 40	108 41	80 53	84 30	78 48	96 30	86 48	105 1.15	103 -1.8	89 47	85 26	70 -3	75 7	69 47	87 53	88 172	96 65	87 -78	91 0.3	84 13.2	109 -8.3	106 -3.0	103 34.6	94 0	94 44	92 2.06	96 1.36	103 0.96	92 0.54
E 160012 Black SPRITELY 16B		011 CRE		090389	94 77	81 60	81 60	131 57	89 44	74 53	85 24	73 47	84 24	76 35	99 1.70	76 1.3	72 25	81 24	81 1	81 8	79 76	85 51	87 166	87 41	86 -76	83 0.0	81 12.2	103 -5.8	68 2.1	102 33.7	84 -1	77 31	72 0.12	106 2.57	112 1.72	75 0.20
NLA 170014 Black PURE GEM 1714		NLA 120003 E		110122	96 75	93 71	89 68	110 40	76 42	83 55	96 33	83 51	98 25	89 52	100 1.60	92 -0.5	91 50	93 30	89 3	90 12	90 106	92 57	94 194	96 66	93 -88	83 0.0	96 18.8	77 6.6	78 0.7	94 29.4	92 -1	93 43	99 2.72	113 3.37	110 1.58	101 0.70
E 180182 Black ENCHANT 18D		3439 E		110140	107 82	111 81	98 80	88 78	104 77	112 72	116 74	113 72	116 75	110 80	109 0.75	110 -2.6	113 78	111 39	98 6	102 17	102 141	109 74	114 272	74 4	111 -119	91 0.3	106 23.3	100 -4.2	87 -0.5	115 41.0	102 0	104 52	113 4.08	118 4.08	116 2.04	115 0.97
E 180202 Black SPRITELY 18C		232 E		140378	101 72	93 68	102 60	102 50	82 36	89 52			91 17	100 67	111 0.59	97 -1.1	98 59	93 30	102 7	99 15	97 126	95 60	94 193	97 69	89 -82	91 0.3	88 15.1	89 1.0	85 -0.2	90 27.2	99 0	96 46	94 2.20	99 1.66	96 0.37	94 0.57

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 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 %	
NLA 180021 Black 1 OLGA RUBY 1821	KCM 150007 WB 060113				100 75	102 64	75 68	111 56	97 40	93 54	86 29	90 49	91 24	91 55	101 1.54	97 -1.1	97 56	91 50	102 34	75 -1	84 11	85 92	100 65	88 170	93 59	84 -73	85 0.1	92 16.9	96 -2.3	95 -1.5	102 34.0	93 -1	90 41	86 1.49	98 1.61	104 1.06	87 0.44
NLA 190007 Black JUNE BUG 1907	9288 NLA 130008				103 60	95 59	84 51	126 27	90 35	93 43	83 23	89 39	81 20	75 34	97 1.88	94 -0.7	94 23	76 31	95 31	84 2	88 11	93 114	94 59	87 169	80 20	80 -65	103 0.7	84 13.2	108 -7.9	85 -0.2	90 27.3	78 -2	79 33	87 1.58	99 1.72	107 1.28	88 0.45
NLA 190013 Black PROSPERITY 1913	25L E 110088				94 69	90 67	97 57	103 38	115 39	92 50	97 22	91 44	97 14	97 62	100 1.60	92 -0.5	97 38	90 29	97 6	95 13	91 110	89 54	98 209	100 77	101 -101	78 -0.2	90 16.1	115 -11.1	95 -1.6	116 41.5	98 0	98 48	94 2.20	103 2.24	110 1.53	95 0.59	
NLA 200003 Black EVERMORE 2003	KCM 170109 E 110110				87 71	91 61	116 66	100 42	105 37	94 50			86 8	97 62	93 2.30	87 0.0	98 42	91 29	116 12	108 17	106 151	94 60	91 182	114 117	94 -89	88 0.2	91 16.6	94 -1.4	103 -2.7	109 37.8	92 -1	93 43	82 1.07	104 2.35	108 1.37	84 0.38	
NLA 200006 Black 2 BARDOLENA 2006	KCM 170109 WB 100028				80 69	101 59	110 61	101 49	90 39	95 50	79 26	90 45	89 29	98 64	87 2.87	81 0.8	98 49	101 59	110 61	107 18	109 160	107 38	84 155	105 92	81 -67	91 0.3	87 14.7	97 -3.1	84 -0.1	97 31.1	87 -1	89 40	96 2.42	109 2.94	101 0.77	97 0.63	
NLA 210004 Black 2 EVERMORE 2104	6846 NLA 130014				108 69	107 68	99 56	100 47	113 43	113 52	107 40	112 50	108 46	102 69	109 0.76	106 -2.2	100 47	107 61	99 6	102 17	105 147	105 70	107 244	119 131	104 -106	70 -0.4	103 21.7	101 -4.6	105 -2.9	116 41.4	76 -2	91 42	106 3.35	112 3.24	121 2.51	107 0.82	
NLA 210005 Black PROSPERITY 2105	JS02 E 110088				93 70	84 68	110 61	116 49	111 39	93 52	92 30	90 48	88 32	90 53	102 1.45	83 0.5	83 40	84 26	110 10	101 15	102 140	90 55	91 184	104 89	96 -92	75 -0.3	106 23.4	110 -9.0	94 -1.5	114 40.4	75 -2	81 34	90 1.85	114 3.52	113 1.82	92 0.54	
NLA 210006 Black 1 EVERMORE 2106	6846 E 110110				92 71	101 71	111 64	101 49	111 44	106 55	104 38	105 52	102 42	99 65	104 1.29	88 -0.1	97 49	101 34	111 10	108 18	110 163	103 68	105 236	113 116	103 -105	70 -0.5	101 20.7	91 -0.1	107 -3.2	119 42.9	74 -2	91 42	97 2.54	111 3.12	119 2.28	99 0.67	
NLA 220007 Black 1 BARDOLENA 2207	KCM 170109 NLA 120002				92 62	106 65	101 51	95 42	92 36	100 47	102 25	100 43	105 26	105 73	93 2.27	97 -1.1	105 42	106 65	101 7	103 17	104 144	109 73	102 226	104 90	99 -98	93 0.4	95 18.1	97 -2.9	92 -1.2	95 30.1	94 0	100 49	103 3.12	118 4.06	115 1.96	105 0.79	
NLA 220009 Black EVERMORE 2209	KCM 170109 E 110110				87 67	89 56	114 54	101 42	101 36	91 46			85 8	96 61	95 2.14	86 0.1	97 42	89 56	114 54	106 17	104 145	93 34	90 180	114 119	94 -89	88 0.2	91 16.4	94 -1.7	103 -2.7	102 34.0	92 -1	92 42	82 1.02	104 2.35	108 1.36	83 0.37	
NLA 230009 Black EVERGREEN 2309	JS02 E 110110				90 68	93 70	114 57	110 49	110 36	100 52	92 26	97 47	87 32	94 58	97 1.88	83 0.5	88 49	93 30	114 11	107 17	111 164	96 61	94 195	104 90	99 -98	81 -0.1	114 26.6	96 -2.4	93 -1.3	122 44.9	75 -2	83 36	89 1.77	112 3.33	111 1.60	91 0.52	
NLA 230012 Black 1 OLGA RUBY 2312	F255 NLA 180021				105 52	107 56	90 36	106 29	100 24	106 37			104 13	97 63	107 1.02	102 -1.7	95 29	107 55	90 4	96 15	100 134	107 72	103 228	99 75	99 -99	76 -0.2	103 21.7	101 -5.0	94 -1.4	104 35.0	101 0	104 52	97 2.55	104 2.25	109 1.44	98 0.65	

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 Parentage	Index	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 %
			EBV Acc																																		
NLA 230019		NLA 190010				110	100	90	106	96	100			97	93	109	107	94	100	90	93	95	99	99	89	98	91	99	95	85	108	94	92	99	105	103	100
Black	2	E 180182				53	40	36	28	26	33			16	57	0.75	-2.3	54	34	4	14	120	64	214	47	-97	0.3	19.9	-2.0	-0.2	37.2	0	43	2.70	2.44	1.00	0.68
ENCHANT 2319															14	64	43	28	40	36			30	22	10	11	18	25	23	12	43	18	17	15	16	15	16
NLA 240001		NLA 210003				101	103	87	112	91	98	94	96	94	89	103	95	88	103	87	92	97	103	96	96	88	86	92	95	92	95	72	81	97	111	115	98
Black	1	NLA 190002				52	59	39	28	28	39	24	36	26	52	1.33	-0.9	47	35	3	13	125	68	202	65	-79	0.1	16.8	-1.8	-1.1	29.8	-2	34	2.49	3.21	1.94	0.65
CARRIE 2401															20	63	43	28	59	39			30	28	11	20	28	30	29	14	40	28	27	25	27	25	26
NLA 240004		NLA 210003				95	106	96	97	107	104	106	104	108	104	100	97	103	106	96	99	100	109	107	102	104	76	97	107	97	109	87	98	106	114	118	107
Black	1	NLA 190013				56	60	41	31	29	41	24	38	26	72	1.62	-1.1	65	37	5	16	134	73	244	83	-107	-0.2	19.1	-7.6	-1.8	37.6	-1	48	3.33	3.54	2.20	0.82
JUNE BUG 2404															19	66	46	31	60	41			35	28	13	20	29	29	31	15	41	28	26	25	26	25	26
NLA 240006		KCM 210009				98	92	115	98	106	99	93	96	93	101	102	98	100	92	115	107	105	93	94	113	94	81	99	102	105	104	81	90	90	112	113	92
Black	1	E 110110				56	67	52	41	35	47	20	42	22	68	1.43	-1.2	62	30	11	17	149	59	195	116	-90	-0.1	20.1	-5.5	-2.9	34.8	-1	41	1.81	3.32	1.81	0.53
EVERGREEN 2406															22	60	50	41	67	52			40	26	16	13	28	28	35	20	50	26	24	21	22	21	22
NLA 240007		KCM 210009				94	93	122	98	105	101			96	101	98	94	99	93	122	112	112	97	96	109	93	84	96	103	105	103	81	92	94	115	117	96
Black	2	NLA 200003				58	62	46	37	30	43			22	68	1.79	-0.8	61	30	13	19	166	62	202	104	-88	0.0	18.6	-5.9	-3.0	34.1	-1	43	2.17	3.69	2.11	0.61
EVERGREEN 2407															19	70	50	37	62	46			30	23	11	10	25	25	29	17	45	24	22	21	22	21	22
NLA 240008		KCM 210009				101	110	103	91	97	109	106	108	112	110	97	106	108	110	103	105	106	110	106	104	99	86	103	105	94	95	82	98	111	126	120	114
Black	2	NLA 120002				61	65	48	42	35	47	28	43	32	80	1.90	-2.2	72	39	8	18	152	75	239	89	-98	0.1	21.6	-6.9	-1.4	30.0	-1	47	3.87	5.03	2.40	0.95
BARDOLENA 2408															27	71	53	42	65	48			38	35	18	21	34	37	36	21	48	35	33	31	33	32	32
NLA 240019		0969				101	111	95	98	97	108	106	108	111	103	102	102	102	111	95	100	104	107	108	85	102	90	107	95	101	99	84	94	106	130	131	110
Black	2	NLA 130009				61	67	49	36	33	46	32	43	34	70	1.40	-1.7	64	39	5	16	144	72	246	35	-103	0.3	23.6	-1.9	-2.4	32.0	-1	45	3.38	5.49	3.35	0.87
CARRIE 2419															28	72	51	36	67	49			38	36	17	28	39	39	33	18	48	38	35	32	35	32	34
NLA 250002		KCM 210009				98	86	111	102	107	93	92	91	92	99	105	95	97	86	111	103	100	90	90	114	90	75	92	113	105	98	79	87	89	114	115	91
Black	1	E 110088				60	55	50	42	34	44	24	40	22	64	1.12	-0.9	57	27	10	16	133	56	181	117	-83	-0.3	16.7	-10.6	-2.9	31.5	-2	39	1.73	3.52	2.01	0.52
PURE GEN 2502															22	69	53	42	55	50			40	28	14	20	31	30	35	20	48	29	26	21	23	21	22
NLA 250005		KCM 210009				103	95	105	110	99	100	92	97	94	91	102	98	89	95	105	102	105	96	94	93	86	91	91	111	96	93	73	84	96	113	116	98
Black		NLA 190007				55	49	40	33	29	38	20	34	23	54	1.49	-1.3	47	31	8	16	148	62	193	58	-75	0.3	16.7	-9.4	-1.7	29.0	-2	36	2.43	3.37	2.06	0.65
JUNE BUG 2505															20	67	46	33	49	40			28	25	10	13	26	26	29	16	42	26	24	22	24	22	23
NLA 250007		KCM 210009				97	93	112	100	111	100			102	101	102	97	99	93	112	106	104	98	99	103	96	79	95	114	101	106	83	94	99	115	117	101
Black	1	NLA 190013				57	51	42	36	31	40			22	68	1.43	-1.1	60	30	10	17	146	63	213	86	-93	-0.1	18.2	-11.0	-2.4	36.1	-1	44	2.74	3.64	2.19	0.71
PROSPERITY 2507															19	68	49	36	51	42			33	24	11	13	26	26	31	17	44	25	23	21	23	21	22
NLA 250011		KCM 210009				89	99	119	98	98	103	90	99	98	102	94	91	100	99	119	112	114	104	92	106	87	85	93	106	96	97	78	89	101	118	113	103
Black	3	NLA 200006				57	49	43	39	31	40	20	36	26	69	2.17	-0.4	61	33	13	19	173	69	186	93	-77	0.1	17.5	-6.9	-1.7	30.9	-2	40	2.85	3.98	1.81	0.74
BARDOLENA 2511															21	68	50	39	49	43			31	27	15	13	27	28	30	18	44	27	26	25	26	25	26
NLA 250013		KCM 210009				109	96	107	96	106	103	99	101	102	105	109	109	103	96	107	103	101	96	98	117	97	82	103	104	101	106	86	94	101	113	116	103
Black	1	NLA 130014				59	54	48	39	34	43	22	39	28	73	0.76	-2.5	66	31	9	16	137	61	211	125	-94	0.0	21.8	-6.0	-2.4	35.9	-1	45	2.93	3.44	2.06	0.74
EVERGREEN 2513															22	69	52	39	54	48			37	30	17	14	29	32	34	20	47	30	28	27	29	27	28

Breeding Values and Accuracies: Cows & Heifers

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Animal				Selection Values											Birth			Wean					Growth & Adaptability					Fertility				Frame		Carcass			
ID	% Inbreeding	Genomic Parentage	Index	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 %
			EBV Acc																																		
NLA 250016		KCM 210009		NLA 210005		103	85	117	106	109	96	96	95	97	98	110	97	92	85	117	106	105	89	96	105	94	77	103	112	101	105	72	85	98	120	119	100
Black 1						58	52	43	39	31	41	22	37	26	63	0.71	-1.1	52	26	12	17	147	55	200	92	-89	-0.2	21.8	-9.9	-2.4	35.6	-2	37	2.57	4.28	2.33	0.69
PROSPERITY 2516															26	69	50	39	52	43		45	34	29	9	14	32	30	32	17	43	30	27	25	28	25	26
NLA 250020		KCM 210009		E 180182		108	99	112	92	105	107	108	107	111	108	112	109	107	99	112	108	106	100	107	90	102	85	103	107	97	106	85	96	109	122	120	112
Black 1						58	49	43	39	31	40	20	36	24	77	0.49	-2.5	70	33	10	18	149	65	244	49	-103	0.1	21.8	-7.5	-1.8	35.8	-1	46	3.68	4.55	2.44	0.91
ENCHANT 2520															21	69	51	39	49	43		44	35	26	10	13	28	27	30	17	45	27	25	24	25	23	24
NLA 250021		KCM 210009		NLA 180021		102	98	101	103	102	100	93	98	99	99	103	100	96	98	101	100	101	99	94	100	88	82	96	105	101	99	81	90	96	112	115	98
Black 1						59	50	46	41	31	41	22	37	24	64	1.31	-1.4	57	33	7	15	136	64	194	77	-79	0.0	18.6	-6.6	-2.4	32.4	-1	41	2.39	3.32	1.95	0.64
OLGA RUBY 2521															21	69	52	41	50	46		46	31	27	12	15	28	29	30	18	45	29	26	23	25	23	24
NLA 250024		KCM 210009		NLA 230009		93	97	121	103	108	107	96	104	97	100	98	91	94	97	121	113	116	100	97	105	95	80	107	105	100	109	72	86	97	119	118	100
Black 1						57	52	42	39	30	40	20	36	26	66	1.86	-0.4	54	32	13	20	179	65	206	92	-92	-0.1	23.4	-6.6	-2.3	37.8	-2	38	2.53	4.18	2.22	0.68
KEVLAR															26	68	50	39	52	42		44	33	28	10	11	31	30	30	17	43	29	27	25	27	25	26

Selection List on Cow Value

Bulls 2 years and older

ID Name Sorted on ID			Sire ID	Dam ID	% Inbreeding	Horned / Polled	Myostatin		Genomic test	Calving Ease Value Acc	Calf Growth Value Acc	Milk Value Acc	Maint. Value Acc	Fertility Value Acc	Cow Value Acc	Growth Value Acc	Prod Value Acc		
										★★★★★									
1	KCM 210009	CHARMER 109	0256	KCM 090031	0.6					10375	9477	12662	9660	10747	10859	10031	10653	10742	

Selection List on Cow Value

Cows 2 years and older

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		
												★★★★★					
1	E 180182	ENCHANT 18D	3439	E 110140	0.8	PcPc	0 0		107 82	111 81	98 80	88 78	104 77	112 72	116 74	113 72	116 75
2	NLA 210004	EVERMORE 2104	6846	NLA 130014	2.4				108 69	107 68	99 56	100 47	113 43	113 52	107 40	112 50	108 46
												★★★★☆					
1	NLA 120002	BARDOLENA BABE 1202	7301	WB 060070	0.7				107 78	117 75	78 74	90 59	86 51	104 61	112 47	105 58	118 50
2	NLA 130008	JUNE BUG 1308	13395344	WB 060094	0.9				98 74	108 73	82 74	102 54	109 47	103 59	102 44	102 56	105 40
3	NLA 130009	CARRIE 1309	13395344	WB 060184	1.8				101 78	106 76	82 80	104 53	102 48	101 61	90 44	97 58	96 37
4	NLA 130014	EVERGREEN 1314	WB 100016	E 110110	0.5				109 74	104 75	90 75	95 49	104 48	103 59	98 32	101 54	98 38
5	NLA 210006	EVERMORE 2106	6846	E 110110	0.8				92 71	101 71	111 64	101 49	111 44	106 55	104 38	105 52	102 42
6	NLA 220007	BARDOLENA 2207	KCM 170109	NLA 120002	1.0				92 62	106 65	101 51	95 42	92 36	100 47	102 25	100 43	105 26
7	NLA 230009	EVERGREEN 2309	JS02	E 110110	0.0				90 68	93 70	114 57	110 49	110 36	100 52	92 26	97 47	87 32
8	NLA 230012	OLGA RUBY 2312	F255	NLA 180021	0.7				105 52	107 56	90 36	106 29	100 24	106 37			104 13
9	NLA 230019	ENCHANT 2319	NLA 190010	E 180182	2.3				110 53	100 40	90 36	106 28	96 26	100 33			97 16
10	NLA 240004	JUNE BUG 2404	NLA 210003	NLA 190013	1.5				95 56	106 60	96 41	97 31	107 29	104 41	106 24	104 38	108 26
11	NLA 240007	EVERGREEN 2407	KCM 210009	NLA 200003	2.2				94 58	93 62	122 46	98 37	105 30	101 43			96 22
12	NLA 240008	BARDOLENA 2408	KCM 210009	NLA 120002	1.7				101 61	110 65	103 48	91 42	97 35	109 47	106 28	108 43	112 32
13	NLA 240019	CARRIE 2419	0969	NLA 130009	2.1				101 61	111 67	95 49	98 36	97 33	108 46	106 32	108 43	111 34
												★★★					
1	NLA 180021	OLGA RUBY 1821	KCM 150007	WB 060113	0.6				100 75	102 64	75 68	111 56	97 40	93 54	86 29	90 49	91 24
2	NLA 190007	JUNE BUG 1907	9288	NLA 130008	0.0				103 60	95 59	84 51	126 27	90 35	93 43	83 23	89 39	81 20
3	NLA 190013	PROSPERITY 1913	25L	E 110088	0.2				94 69	90 67	97 57	103 38	115 39	92 50	97 22	91 44	97 14
4	NLA 200003	EVERMORE 2003	KCM 170109	E 110110	0.2				87 71	91 61	116 66	100 42	105 37	94 50			86 8
5	NLA 200006	BARDOLENA 2006	KCM 170109	WB 100028	1.8				80 69	101 59	110 61	101 49	90 39	95 50	79 26	90 45	89 29
6	NLA 210005	PROSPERITY 2105	JS02	E 110088	0.1				93 70	84 68	110 61	116 49	111 39	93 52	92 30	90 48	88 32
7	NLA 220009	EVERMORE 2209	KCM 170109	E 110110	0.2				87 67	89 56	114 54	101 42	101 36	91 46			85 8
8	NLA 240001	CARRIE 2401	NLA 210003	NLA 190002	0.8				101 52	103 59	87 39	112 28	91 28	98 39	94 24	96 36	94 26
9	NLA 240006	EVERGREEN 2406	KCM 210009	E 110110	0.9				98 56	92 67	115 52	98 41	106 35	99 47	93 20	96 42	93 22

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						nt821	F94L	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc											
								★★★★																		
1	E 110110	EVERGREEN 11B	854E	H 020318	0.0			93	82	88	79	104	83	101	57	105	51	88	64	85	24	85	56	78	12	
2	E 180202	SPRITELY 18C	232	E 140378	0.1			101	72	93	68	102	60	102	50	82	36	89	52					91	17	
3	NLA 150002	PROUD MARY 1502	805	WB 060136	0.3			108	73	85	66	70	68	114	40	108	41	80	53	84	30	78	48	96	30	
4	NLA 170014	PURE GEM 1714	NLA 120003	E 110122	0.4			96	75	93	71	89	68	110	40	76	42	83	55	96	33	83	51	98	25	
								★★★																		
1	E 110088	E110088	854E	H 060135	0.0			99	80	73	77	95	78	107	58	106	51	73	62	83	36	72	57	77	14	
2	E 160012	SPRITELY 16B	011	CRE 090389	0.0			94	77	81	60	81	60	131	57	89	44	74	53	85	24	73	47	84	24	
								★★★																		
1	NLA 140001	PROUD MOLLY	NK 030026	WB 060136	0.9			100	69	72	68	83	74	112	52	90	50	64	57	88	34	64	52	87	29	

Selection List on Cow Value

Bull calves younger than 2 years

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	Carcass Value Acc
									★★★★★									
1	NLA 250023 KESTREL	KCM 210009	NLA 130009	1.0					9860	10454	10551	10040	10434	10743		9528	10440	10128

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	NLA 250005	JUNE BUG 2505	KCM 210009	NLA 190007	0.4				103	55	95	49	105	40	110	33	99	29	100	38		92	20	97	34	94	23
2	NLA 250007	PROSPERITY 2507	KCM 210009	NLA 190013	0.7				97	57	93	51	112	42	100	36	111	31	100	40						102	22
3	NLA 250011	BARDOLENA 2511	KCM 210009	NLA 200006	2.6				89	57	99	49	119	43	98	39	98	31	103	40		90	20	99	36	98	26
4	NLA 250013	EVERGREEN 2513	KCM 210009	NLA 130014	1.4				109	59	96	54	107	48	96	39	106	34	103	43		99	22	101	39	102	28
5	NLA 250020	ENCHANT 2520	KCM 210009	E 180182	1.1				108	58	99	49	112	43	92	39	105	31	107	40		108	20	107	36	111	24
6	NLA 250021	OLGA RUBY 2521	KCM 210009	NLA 180021	1.1				102	59	98	50	101	46	103	41	102	31	100	41		93	22	98	37	99	24
7	NLA 250024	KEVLAR	KCM 210009	NLA 230009	0.7				93	57	97	52	121	42	103	39	108	30	107	40		96	20	104	36	97	26
									★★★★																		
1	NLA 250002	PURE GEN 2502	KCM 210009	E 110088	1.0				98	60	86	55	111	50	102	42	107	34	93	44		92	24	91	40	92	22
2	NLA 250016	PROSPERITY 2516	KCM 210009	NLA 210005	0.8				103	58	85	52	117	43	106	39	109	31	96	41		96	22	95	37	97	26

