

ANGUS

GENOMIC BREEDING VALUE REPORT

September 2026



DUSTY MOON INVESTMENTS 20

Herd Number: 710259

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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.

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



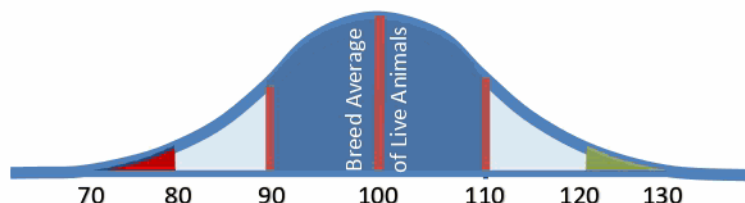
80% LOGIX Cow Value +
20% LOGIX Growth Value

LOGIX Carcass Value

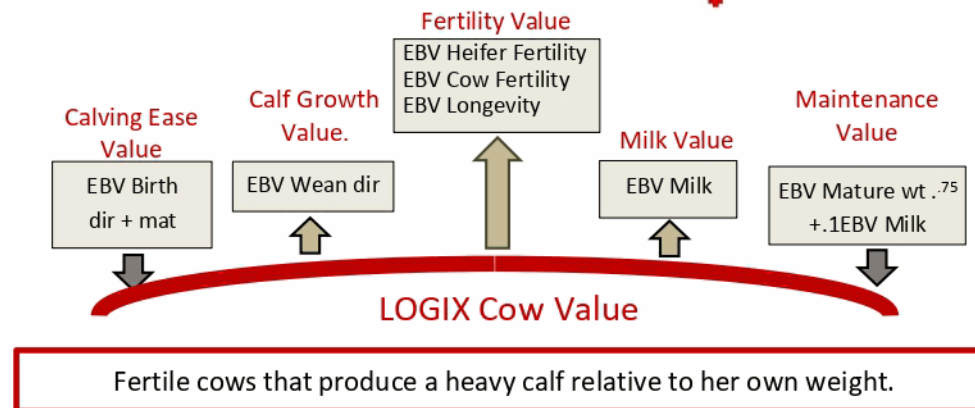


Select for more meat on the carcass as measured from end weight in Phase C and D Growth Tests and RTU scanning.

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)

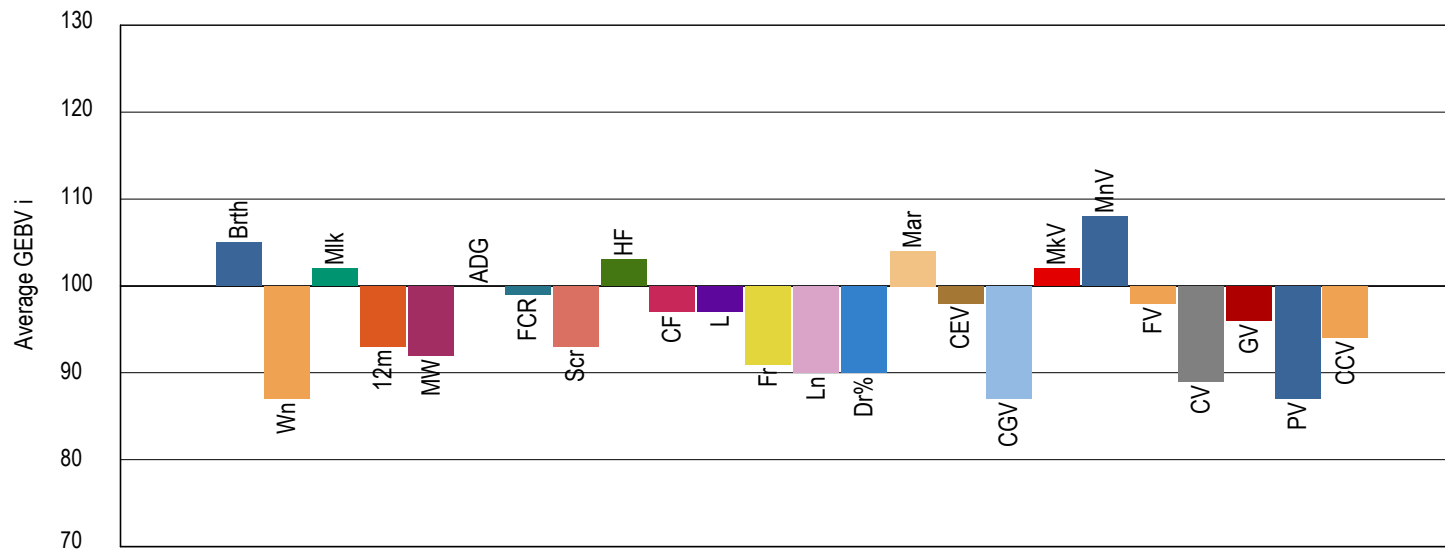
- Maintenance Value >110
 - Cow Value and Fertility Value average to high
- Lighter cows have a lower maintenance.

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	1.16	105	1.64
	Wean Weight	27.2	87	33.6
	Birth Mat.	0.74	89	0.30
	Milk (Wn.Mat.)	7.3	102	6.6
Postwean Growth	12m weight	59	93	65.1
	Mature Weight	56	92	65
	ADG	218	100	217
	FCR	-99	99	-100
Fertility	Scrotal Circumf.	17.6	93	20.5
	Heifer Fertility	-5.6	103	-4.3
	Cow Fertility	-1.8	97	-2.2
	Longevity	31.0	97	32.7
Frame	Frame score	-1	91	0
	Length	41	90	49
Carcass	Dressing%	0.49	90	0.69
	Marbling	1.02	104	0.71

Selection Value	Ave. Herd
Calving Ease	98
Calf Growth	87
Milk	102
Maintenance	108
Fertility	98
Cow Value	89
Growth Value	96
Production Value	87
Carcass Value	94

- 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 2015 and earlier

Total:

130
120
110
100
90
80
70

130
120
110
100
90
80
70

Cow Herd

Cows born in 2015 and earlier

Total:

Cows older than 6 years

Cows born in 2015 and earlier

Total:

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 2015

Total:

130
120
110
100
90
80
70

130
120
110
100
90
80
70

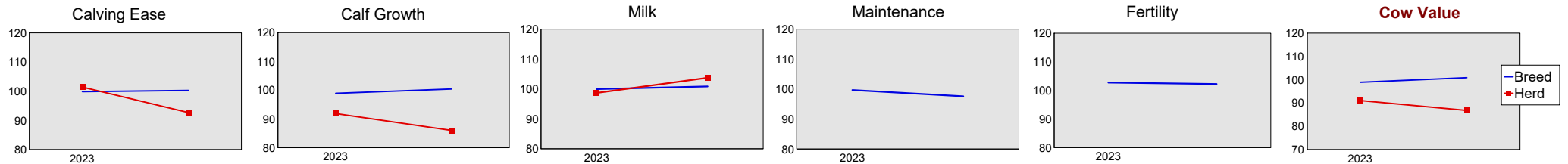
Heifer calves

Heifers born in 2015

Total:

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.



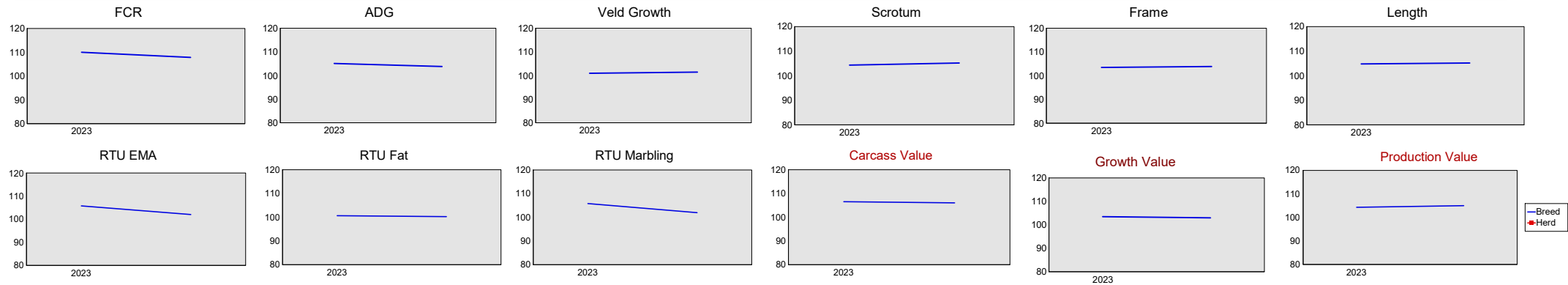
Herd

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		Maine-nance	Heifer Fert.		Cow Fert.		Longevity		Ferti-lity	
	Number	Dir EBV			Number	EBV		Number	EBV		Number	EBV		Number	EBV	Number	EBV	Number			EBV
2023	15	1.46	0.40	101	14	29.5	92	14	6.27	99										91	
2024	14	1.15	1.08	93	9	26.6	86	9	7.90	104										87	

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	Milk	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			
2023																												
2024																												

Breed

Birth Year	Growth									Frame						Carcass						Selection Values						
	FCR			ADG			Veld Growth			Scrotum			Height			Length			RTU Number	EMA		Fat		Marbling		Cracss Value	Growth Value	Prod Value
	Number	EBV	EBVi	Number	EBV	EBVi	Number	EBV	EBVi	Number	EBV	EBVi	Number	EBV	EBVi	Number	EBV	EBVi	EBV	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	
ID																																				Grwth Test	Dght&clv (Weaned)
161E Black DUNLOUISE JIPSEY EARL E161		MLUA4603		135	46	126	164	77	77				50	149	124	49	46	126	99	100	30	42			87	54	113	64	80	56	47				52	44	
		C095		86	90	79	79	57	71				0	-3.02	-4.3	-4	7	14.7	12.0	133	-2	-4			0.16	-0.2	-10.6	2.6	22	-3	7				14	36	
													47	92	83	79	90	79		83	71	13		17	16	59	30	82	15	12							
7212 Black CONNELLY FINAL PRODUCT		568		108	102	102	102	95	105			102	98	103	108	98	102	102	102	104	101	103	105	100	74	118	93	113	87	93	99	104	108	109	105	63	40
		471		86	89	76	64	57	68			12	63	1.33	-2.4	59	35	7.4	16.5	146	66	228	91	-100	-0.31	28.5	-1.2	-4.0	26	-1	48	3.17	2.82	1.50	0.78	10	29
													13	93	78	64	89	76	76	70	18	10	9	22	21	58	27	87	20	17	11	13	11	12			
765 Red HARB PENDLETON 765 J H		0035		97	97	119	106	102	106	106	106	118	95	111	90	92	97	119	112	116	104	114	85	100	75	138	126	95	89	99	105	113	104	82	114	21	17
		375JH		82	81	77	74	58	67	67	67	60	59	0.62	-0.2	52	32	12.6	19.1	178	69	271	33	-100	-0.28	37.2	-16.6	-1.6	26	0	53	4.09	2.31	-0.81	0.94	4	9
													74	85	79	74	81	77	77	70	66	47	67	73	71	57	38	80	70	64	58	63	58	60		40	
ACM 170004 Black QUEBEC 1704		1418/665		102	120	110	70	114	123	118	123	103	130	109	111	132	120	110	113	110	113	114	56	115	86	76	119	127	90	123	105	105	91	83	104	83	58
		ACM 130024		85	92	71	72	52	68	36	62	28	105	0.78	-2.8	102	44	9.9	21.2	160	78	270	-50	-126	0.11	9.8	-13.2	-5.9	27	2	53	3.28	0.74	-0.77	0.76	4	7
													26	95	80	72	92	71	78	58	53	16	17	64	61	54	26	76	59	51	26	29	26	28		13	
AV 180084 Red AV180084		AV 150120		116	91	74	94	112	87	95	86	93	106	112	118	109	91	74	80	72	98	91	118	94	128	101	96	131	100	90	89	87	104	100	89	126	106
		AV 120035		90	95	82	84	59	75	36	67	36	74	0.51	-3.5	73	29	-1.3	8.8	56	63	184	129	-89	1.61	20.8	-2.4	-6.4	33	-1	41	1.57	2.35	0.73	0.47	18	27
													46	97	87	84	95	82	87	79	37	19	34	42	41	67	35	75	40	36	34	37	34	36			
DE 170002 Black LOCOMOTIVE		SOO403Y		97	105	111	93	84	103	90	99	96	104	94	102	106	105	111	109	110	111	94	108	92	84	88	92	88	89	82	93	102	99	79	102	188	109
		DE 130230		90	95	73	59	58	70	29	62	36	72	2.25	-1.7	69	36	10.0	18.7	160	76	196	100	-86	0.06	15.1	-0.3	-0.6	27	-1	44	3.01	1.68	-1.10	0.72	7	8
													61	97	79	59	95	73	76	51	40	17	17	44	44	68	25	80	41	37	34	38	33	36			
E 170145 Black Actionpacked		D162		92	104	94	80	89	90	111	93	104	122	103	100	122	104	94	97	91	112	112	96	116	85	96	79	79	111	113	105	95	91	113	95	35	27
		WB 090043		83	86	75	72	53	67	31	60	35	95	1.39	-1.5	90	36	4.7	15.0	109	76	264	67	-128	0.09	18.9	5.4	0.5	39	1	53	2.35	0.76	1.83	0.59	10	19
													37	90	79	72	86	75	78	70	37	27	24	37	40	52	31	76	39	36	34	36	34	35			
E 190269 Black RENEGADE		1441		92	78	108	107	107	82	110	85	101	88	110	76	92	78	108	98	93	94	115	116	111	78	97	95	108	108	82	88	87	114	106	90	16	11
		E 120188		74	79	62	59	48	59	38	55	42	50	0.72	1.3	51	23	9.1	13.7	113	60	275	123	-119	-0.18	19.2	-2.1	-3.3	37	-1	40	1.59	3.53	1.20	0.50		
													46	84	68	59	79	62	67	61	44	20	31	47	46	47	32	65	46	43	41	44	41	42			
E 190311 Black CENTRE FOLD		25L		99	102	97	99	97	99	112	101	112	103	99	101	100	102	97	99	99	110	111	126	114	76	102	109	76	105	108	108	109	113	121	110	82	61
		E 150004		90	94	82	80	80	78	76	78	76	70	1.77	-1.5	62	34	5.6	15.2	130	75	260	154	-124	-0.23	21.6	-8.6	1.0	36	1	56	3.64	3.37	2.47	0.88	3	5
													76	96	86	80	94	82	85	87	76	76	75	76	77	79	76	84	76	76	76	76	76	76			
WB 170386 Red SLAMDUNK		130Z		105	129	103	78	81	122	125	124	118	123	69	117	123	129	103	112	114	118	124	92	124	110	111	94	105	72	123	121	116	90	86	114	80	49
		WB 120195		86	91	78	79	58	71	32	63	54	96	4.59	-3.4	91	48	7.6	21.1	172	83	310	53	-142	0.96	25.3	-1.4	-2.9	17	2	66	4.32	0.63	-0.51	0.96	11	21
													57	95	83	79	91	78	83	78	51	45	11	53	55	57	37	81	54	50	51	56	52	54			

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		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 %
			EBV	Acc																																
			Sire ID	Dam ID																																
HE 240002		E 190269			113	52	103	114	105	61	79	60	75	83	128	99	86	52	103	86	70	60	83	114	85	84	71	111	98	102	73	69	74	94	106	74
Black	1	HOL 080022			63	67	54	43	37	49	30	45	36	43	-1.00	-1.4	43	9	7.7	8	49	27	155	117	-75	0.0	7.8	-9.3	-2.0	33.5	-2	24	0.28	1.06	1.22	0.20
HE 240002														41	71	55	43	67	54	55	47	38	27	21	43	42	37	24	50	41	38	34	38	34	36	

Breeding Values and Accuracies: Cows & Heifers

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

Animal				Selection Values										Birth			Wean					Growth & Adaptability					Fertility				Frame		Carcass			
ID	% Inbreeding	Genomic 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 %
CBR 130232		765		CNS 060604	106	69	103	128	96	77	83	75	87	71	108	92	73	69	103	92	88	73	93	97	88	81	105	115	91	90	93	89	82	101	94	83
Black					81	77	82	77	49	65	36	59	32	28	0.88	-0.5	27	18	8	11	100	39	191	69	-80	-0.1	22.9	-11.1	-1.0	27.3	-1	41	1.03	1.94	0.20	0.36
CBR VENUS 232														67	81	79	77	77	82			51	37	27	34	42	41	51	30	67	40	36	31	34	31	32
NK 130017		7212		NK 070022	88	85	114	113	100	89			85	85	99	79	85	85	114	104	105	92	96	102	96	87	105	113	104	88	93	91	90	102	106	90
Black					78	77	79	75	46	64			10	47	1.72	1.0	43	26	11	16	148	57	203	83	-93	0.1	22.7	-10.6	-2.8	26.0	-1	42	1.79	2.03	1.24	0.50
HEATHER														13	80	77	75	77	79			54	17	15	11	19	19	50	25	63	18	16	9	10	9	10
E 200061		E 170145		E 140344	97	95	105	92	90	91	100	91	98	108	107	98	107	95	105	102	98	102	100	111	104	84	91	90	83	102	106	101	90	94	109	90
Black	8				67	69	58	49	38	52	22	46	23	77	1.01	-1.2	71	31	8	16	127	67	218	110	-106	0.0	16.7	0.4	0.0	33.8	0	50	1.81	1.10	1.47	0.49
enchant														24	73	60	49	69	58			58	26	18	19	27	28	36	21	56	27	25	22	24	23	23
E 200064		E 170145		E 170152	86	107	100	93	94	99	111	100	102	106	98	90	107	107	100	102	103	114	114	118	114	85	95	83	94	107	98	98	92	101	110	93
Black	1				68	70	65	52	41	54	24	48	27	75	1.87	-0.2	70	37	7	17	141	78	272	128	-124	0.1	18.3	3.7	-1.4	36.5	0	47	2.02	1.99	1.52	0.55
20 0064														29	74	62	52	70	65			56	29	17	20	30	31	44	24	56	30	28	26	28	26	27
WE 220001		WB 170386		WE 150054	104	130	91	99	92	127	105	124	103	102	63	99	101	130	91	104	116	122	108	91	109	95	104	110	97	82	101	99	101	103	95	101
Red					64	57	54	54	38	48	22	43	30	68	5.10	-1.4	63	49	4	19	178	86	246	51	-115	0.5	22.4	-9.2	-1.8	23.0	0	49	2.86	2.20	0.29	0.71
WE220001														31	72	60	54	57	54			49	29	25	13	30	31	37	24	52	31	29	29	31	29	30
HE 230004		AV 180084		HOL 080022	111	74	91	104	102	75	74	71	72	94	107	110	97	74	91	85	75	77	73	113	77	109	74	109	110	91	79	73	74	89	103	74
Black					67	71	60	52	41	53	30	48	34	58	0.95	-2.6	57	21	4	9	63	43	116	116	-60	0.9	9.1	-8.6	-3.5	27.6	-2	27	0.33	0.47	0.99	0.20
HE 230004														40	74	61	52	71	60			53	36	27	22	42	41	44	26	52	40	36	32	36	32	34
HE 230005		AV 180084		NK 160005	123	66	72	133	104	70	78	67	76	68	127	105	71	66	72	70	58	71	80	107	83	111	90	103	113	96	82	75	79	98	100	80
Black					64	68	54	54	36	51	22	45	21	25	-0.89	-2.1	24	16	-2	4	16	37	142	97	-70	1.0	16.2	-5.5	-3.9	30.2	-1	29	0.80	1.53	0.70	0.30
HE 230005															72	60	54	68	54			45	23	15	20	25	25	38	21	49	24	22	20	22	20	21
HE 230007		ACM 170004		ACM 200061	106	109	96	83	110	109	112	110	106	118	112	111	118	109	96	100	98	105	109	60	101	93	93	115	122	90	105	100	110	101	107	110
Black	1				61	69	49	51	33	49	28	45	23	90	0.50	-2.7	85	38	5	16	127	70	250	-38	-101	0.4	17.5	-11.4	-5.2	27.0	0	49	3.80	1.96	1.33	0.88
HE 230007														23	72	57	51	69	49			36	34	13	21	39	38	31	18	50	36	32	22	24	22	23
HE 230012		E 190269		NK 130017	90	72	114	119	105	79	97	80	88	77	107	71	80	72	114	100	97	86	103	112	101	81	99	108	106	98	83	84	84	108	106	86
Black					59	68	51	48	34	48	20	42	22	36	1.01	1.9	36	19	11	14	125	51	228	111	-102	0.0	20.0	-8.0	-3.1	31.6	-1	36	1.26	2.79	1.19	0.42
23 0012														24	68	55	48	68	51			41	24	12	16	25	25	34	20	47	24	23	21	22	21	22
HE 230013		E 190269		CBR 130232	97	68	107	121	102	75	94	75	91	75	110	81	78	68	107	94	89	79	102	108	98	79	100	107	99	99	84	85	82	108	100	84
Black	1				60	68	52	49	35	49	26	44	27	34	0.68	0.8	34	18	9	12	102	45	225	102	-97	-0.1	20.4	-7.5	-2.1	32.2	-1	37	1.09	2.74	0.68	0.39
23 0013														41	68	56	49	68	52			40	29	17	23	32	31	35	22	48	30	28	26	28	26	27
HE 230020		E 190311		E 200061	98	105	98	90	91	98			113	112	102	102	110	105	98	100	99	111	110	114	113	81	100	94	80	104	114	113	106	103	115	106
Black	2				58	69	44	37	30	45			18	82	1.41	-1.7	74	36	6	16	130	75	257	119	-122	-0.1	20.7	-1.6	0.5	34.7	1	60	3.38	2.22	2.01	0.81
23 0020														16	69	50	37	69	44			50	18	13	13	18	20	30	15	44	19	18	17	18	17	18
HE 230021		DE 170002		ACM 200056	72	110	118	98	97	107	94	104	90	99	70	64	100	110	118	115	122	124	96	105	95	83	84	105	103	90	93	96	95	88	77	94
Black	1				63	69	49	46	35	49	20	43	26	65	4.48	2.7	62	39	12	21	194	88	203	93	-92	0.0	13.5	-6.8	-2.6	27.2	-1	46	2.34	0.31	-1.21	0.57
23 0021														38	72	56	46	69	49			35	28	11	12	31	30	40	16	50	29	26	24	27	24	26

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 Thickn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Frame score	Length	EMA	Fat	Marbling	Dress %
ISHA230003 Black ISHA230003		161E HR 070667			127 60	52 61	106 57	144 51	85 41	70 49	62 20	63 43	66 13	58 11	136 -1.79	101 -1.6	60 10	52 10	106 8	88 9	80 79	45 12	63 76	70 -9	64 -38	90 0.3	67 6.0	108 -8.0	83 0.0	83 23.4	73 -2	64 21	60 -1.09	94 1.03	91 -0.09	61 -0.06
ISHA230004 Black ISHA230004		161E HR 070667			127 60	52 61	106 57	144 51	85 41	70 49	62 20	63 43	66 13	58 11	136 -1.79	101 -1.6	60 10	52 10	106 8	88 9	80 79	45 12	63 76	70 -9	64 -38	90 0.3	67 6.0	108 -8.0	83 0.0	83 23.4	73 -2	64 21	60 -1.09	94 1.03	91 -0.09	61 -0.06
WO 230029 Black 1 MAGNIFICENT		E 190311 E 200064			89 59	115 70	97 46	90 38	96 31	107 46			107 18	112 81	92 2.36	96 -1.0	110 75	115 41	97 6	103 17	105 147	121 85	113 265	122 141	114 -124	80 -0.1	99 19.9	96 -2.5	85 -0.2	106 36.1	103 0	103 51	100 2.81	107 2.68	115 1.99	101 0.71
HE 240001 Black 2 HE 240001		E 190269 ACM 200040			80 57	95 51	127 39	98 38	101 31	99 40	113 22	101 36	105 25	95 60	95 2.09	70 2.0	99 60	95 31	127 15	116 20	117 181	112 77	115 275	110 106	113 -122	80 -0.1	102 21.2	104 -6.4	100 -2.3	98 31.8	95 0	100 49	97 2.53	107 2.72	98 0.57	99 0.66
HE 240004 Black 2 HE 240004		E 190269 WE 190058			94 58	92 65	95 46	108 47	102 32	90 46	105 24	91 42	104 28	90 53	101 1.52	89 -0.2	92 51	92 30	95 5	94 13	93 115	102 67	110 256	111 110	108 -114	78 -0.2	108 24.0	108 -8.2	92 -1.2	103 34.5	82 -1	87 39	93 2.07	120 4.29	113 1.81	96 0.60
HE 240006 Black 1 HE 240006		E 190269 MJK 200002			84 58	101 65	93 46	99 47	99 32	92 46	114 26	95 42	104 23	100 66	92 2.43	86 0.1	101 63	101 34	93 5	96 14	95 120	108 73	118 286	107 98	110 -117	88 0.2	102 21.4	94 -1.7	99 -2.1	103 34.6	94 0	99 48	96 2.39	110 3.00	117 2.18	97 0.64
HE 240007 Black 2 HE 240007		E 190269 ACM 200016			95 57	96 65	102 45	95 46	99 32	94 46	120 25	98 42	110 29	100 66	105 1.14	95 -0.9	104 67	96 32	102 7	100 15	97 126	103 68	120 291	105 91	118 -131	83 0.0	95 18.5	98 -3.3	97 -1.9	102 33.7	100 0	106 54	98 2.62	99 1.68	110 1.58	99 0.66
HE 240008 Black 6 HE 240008		E 190269 E 200061			92 57	86 52	106 42	100 39	98 30	85 40	105 22	87 36	99 24	98 64	109 0.76	88 -0.1	99 61	86 27	106 9	99 15	94 118	97 62	108 246	114 116	108 -113	81 -0.1	94 17.9	93 -0.9	96 -1.7	105 35.5	94 0	94 45	89 1.70	104 2.32	107 1.33	90 0.50
HE 240010 Black 10 HE 240010		E 190269 E 200064			87 57	97 63	102 45	98 39	100 32	93 44	113 22	95 40	103 25	100 66	103 1.34	85 0.3	102 64	97 32	102 7	100 16	99 131	107 72	116 279	115 121	114 -124	82 0.0	97 19.2	88 1.6	101 -2.4	108 36.9	92 -1	96 46	91 1.91	108 2.76	108 1.37	93 0.55
HE 240017 Black 1 24 0017		E 190269 WE 180034			95 58	80 53	102 46	116 47	100 33	82 43	107 24	85 39	108 30	80 40	109 0.81	81 0.7	83 40	80 24	102 7	95 13	92 112	90 56	110 254	89 47	108 -114	85 0.1	103 21.9	104 -6.2	97 -1.9	99 32.0	90 -1	94 44	100 2.80	121 4.38	109 1.45	103 0.74

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	HE 240002 HE 240002	E 190269	HOL 080022	1.4					11363	5267	10354	11443	10537	6149	7930	6045	7536	

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	WE 220001	WE220001	WB 170386	WE 150054	0.0			104	64	130	57	91	54	99	54	92	38	127	48	105	22	124	43	103	30	
								★★★★★																		
1	HE 230007	HE 230007	ACM 170004	ACM 200061	1.1			106	61	109	69	96	49	83	51	110	33	109	49	112	28	110	45	106	23	
2	HE 230021	23 0021	DE 170002	ACM 200056	0.6			72	63	110	69	118	49	98	46	97	35	107	49	94	20	104	43	90	26	
3	WO 230029	MAGNIFICENT	E 190311	E 200064	1.3			89	59	115	70	97	46	90	38	96	31	107	46					107	18	
								★★★★																		
1	E 200061	enchant	E 170145	E 140344	7.7			97	67	95	69	105	58	92	49	90	38	91	52	100	22	91	46	98	23	
2	E 200064	20 0064	E 170145	E 170152	1.3			86	68	107	70	100	65	93	52	94	41	99	54	111	24	100	48	102	27	
3	HE 230020	23 0020	E 190311	E 200061	2.2			98	58	105	69	98	44	90	37	91	30	98	45					113	18	
4	HE 240001	HE 240001	E 190269	ACM 200040	1.9			80	57	95	51	127	39	98	38	101	31	99	40	113	22	101	36	105	25	
5	HE 240004	HE 240004	E 190269	WE 190058	1.8			94	58	92	65	95	46	108	47	102	32	90	46	105	24	91	42	104	28	
6	HE 240006	HE 240006	E 190269	MJK 200002	0.8			84	58	101	65	93	46	99	47	99	32	92	46	114	26	95	42	104	23	
7	HE 240007	HE 240007	E 190269	ACM 200016	1.9			95	57	96	65	102	45	95	46	99	32	94	46	120	25	98	42	110	29	
8	HE 240010	HE 240010	E 190269	E 200064	10.2			87	57	97	63	102	45	98	39	100	32	93	44	113	22	95	40	103	25	
								★★★★																		
1	HE 240008	HE 240008	E 190269	E 200061	6.3			92	57	86	52	106	42	100	39	98	30	85	40	105	22	87	36	99	24	
2	HE 240017	24 0017	E 190269	WE 180034	1.3			95	58	80	53	102	46	116	47	100	33	82	43	107	24	85	39	108	30	
3	NK 130017	HEATHER	7212	NK 070022	0.4			88	78	85	77	114	79	113	75	100	46	89	64					85	10	
								★★																		
1	CBR 130232	CBR VENUS 232	765	CNS 060604	0.2			106	81	69	77	103	82	128	77	96	49	77	65	83	36	75	59	87	32	
2	HE 230004	HE 230004	AV 180084	HOL 080022	0.0			111	67	74	71	91	60	104	52	102	41	75	53	74	30	71	48	72	34	
3	HE 230005	HE 230005	AV 180084	NK 160005	0.4			123	64	66	68	72	54	133	54	104	36	70	51	78	22	67	45	76	21	
4	HE 230012	23 0012	E 190269	NK 130017	0.4			90	59	72	68	114	51	119	48	105	34	79	48	97	20	80	42	88	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											
5	HE 230013	23 0013	E 190269	CBR 130232	1.0			97	60	68	68	107	52	121	49	102	35	75	49	94	26	75	44	91	27	
6	ISHA230003	ISHA230003	161E	HR 070667	0.0			127	60	52	61	106	57	144	51	85	41	70	49	62	20	63	43	66	13	
7	ISHA230004	ISHA230004	161E	HR 070667	0.0			127	60	52	61	106	57	144	51	85	41	70	49	62	20	63	43	66	13	

