

HEREFORD

GENOMIC BREEDING VALUE REPORT

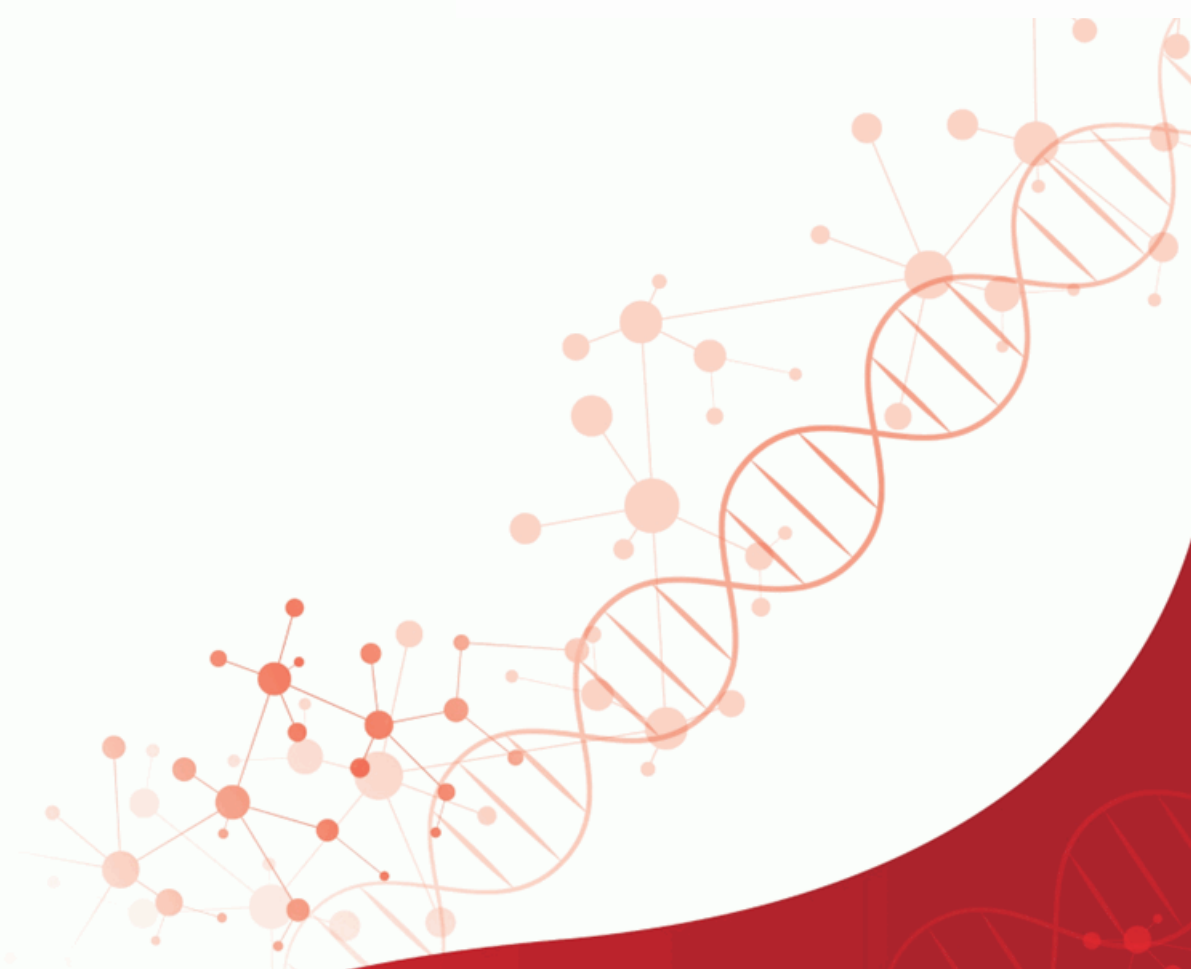
September 2026



MOORCROFT SL & SONS PTY

Herd Number: 31308

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EBVs, EBVi's and GEBVs

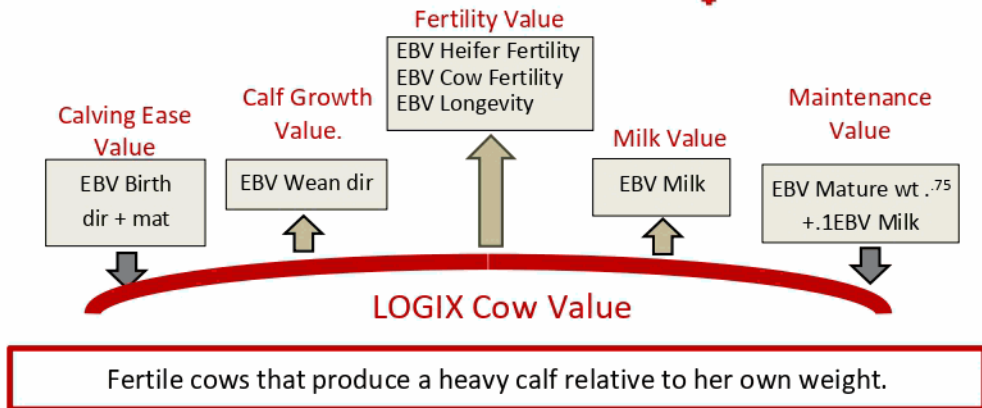
EBVi (Breeding Value Index): Genetic potential relative to the average (100) of the live (active) animals in the breed. Roughly 50% of the animals have values between 90 and 110. Values above 100, depending on the trait, tend to be in the more favourable direction.

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

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

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

LOGIX Cow Value



Selection Values

LOGIX Cow Value



Selecting for:

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

LOGIX Growth Value



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

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 environments.

GROWERS

(GOOD ENVIRONMENT)

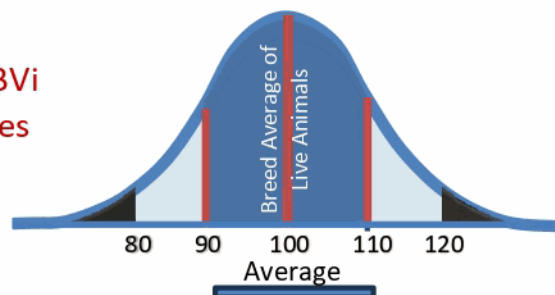
- WeanerCalf / Growth Value > 120
 - Cow Value and Fertility Value average to high
- Growers are usually heavier at birth (lower Calving Ease Value), and maturity (lower Maintenance Value).

LOW- MAINTENANCE ANIMALS

(HARSH ENVIRONMENT)

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

Interpretation of EBVi and Selection Values

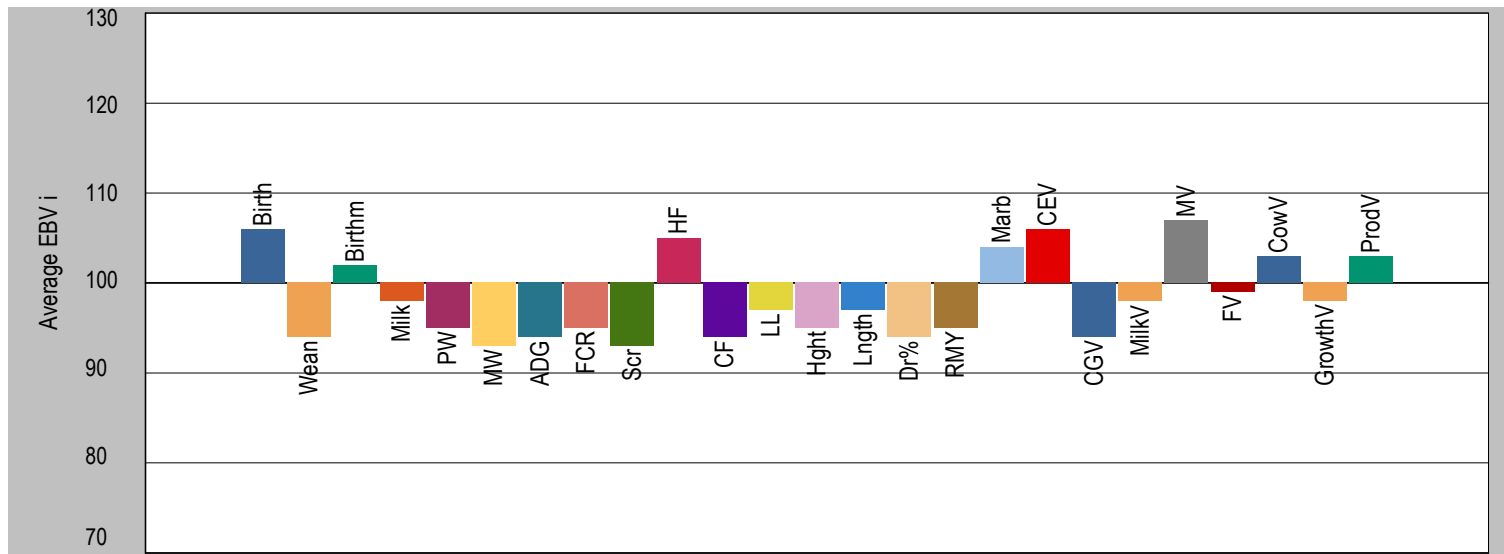


Examples

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

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

Herd and Breed Averages



Breeding Values:

Birth:	Birth weight	Scr:	Scrotal circumf.
Wean:	Weaning weight	HF:	Heifer Fertility
Birthm:	Birth maternal	CF:	Cow Fertility
Milk:	Milk	LL:	Longevity
PW:	Post-wean weight	Hght:	Height
MW:	Mature weight	Lngth:	Length
ADG:	Average Daily Gain	Dr%:	Dressing%
FCR:	Feed Conversion Ratio	RMY:	Red Meat Yield
		Marb:	Marbling

Selection Values:

CEV:	Calving Ease Value
CGV:	Calf Growth Value
MilkV:	Milk Value
MV:	Maintenance Value
FV:	Fertility Value
CowV:	Cow Value (CV)
GrowthV:	Growth Value (GV)
ProdV:	Production Value (PV)

	Trait	EBV Herd	EBV Index	EBV Breed
Prewrite Growth	Birth Weight	0.31	106	0.77
	Wean Weight	15.5	94	18.0
	Birth Mat.	0.51	102	0.57
	Milk (Wn.Mat.)	7.3	98	8.0
Postwean Growth	Postwean Wt	29.7	95	33.0
	Mature Weight	27	93	34
	ADG	112	94	133
	FCR	-69	95	-75
Fertility	Scrotal Circumf.	12.6	93	16.0
	Heifer Fertility	-8.8	105	-5.6
	Cow Fertility	-2.0	94	-2.9
	Longevity	34.9	97	36.2
Frame	Height	19	95	22
	Length	28	97	31
Carcass	Dressing%	0.02	94	0.10
	RedMeatYield	0.3	95	1.3
	Marbling	-0.09	104	-0.29

Selection Value	Ave. Herd
Calving Ease	106
Calf Growth	94
Milk	98
Maintenance	107
Fertility	99
Cow Value	103
Growth Value	98
Production Value	103

- 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

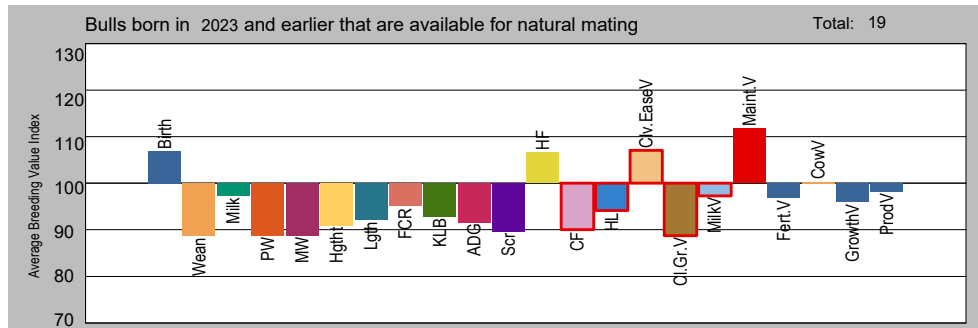
Maintenance: Animals with low maintenance requirements (lower mature weight).

Fertility: Cows/daughters that calve

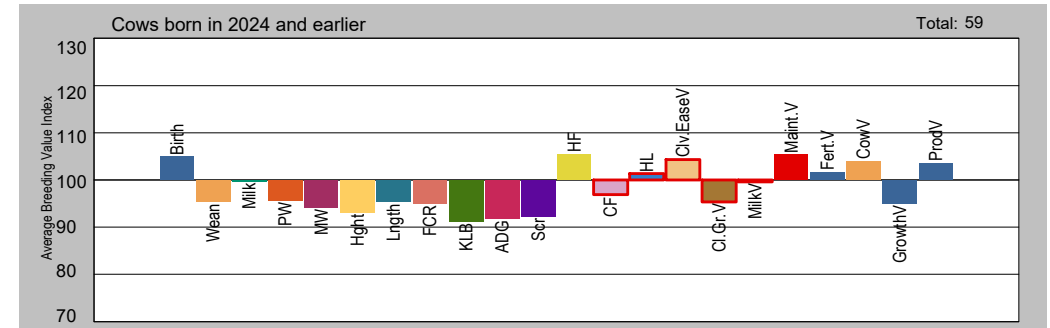
Genetic Windows

Animals available for breeding

Bulls on the farm

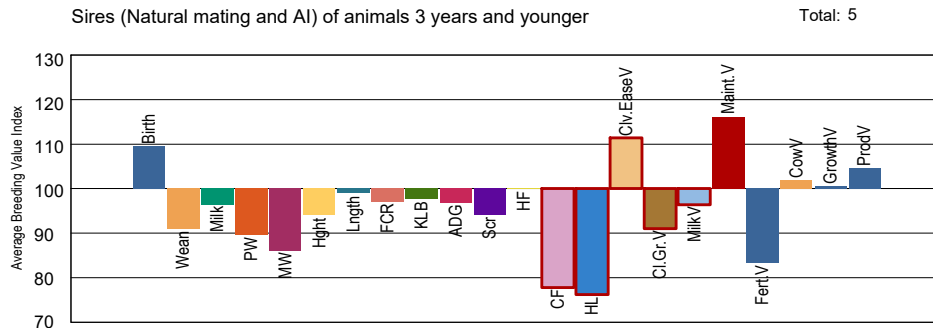


Cow Herd

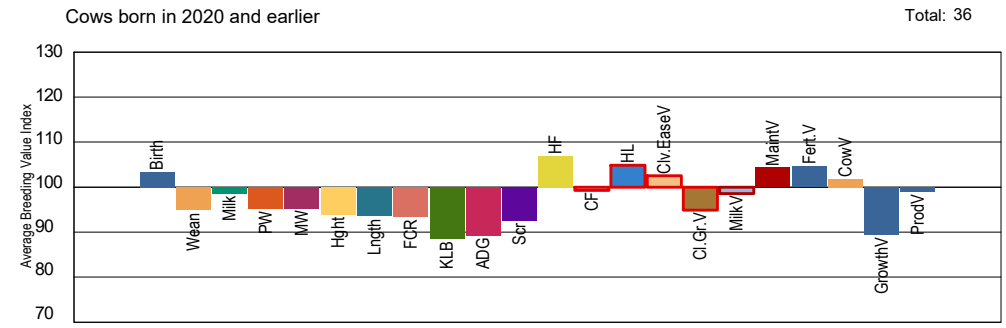


Results of previous selection decisions

Sires of young animals

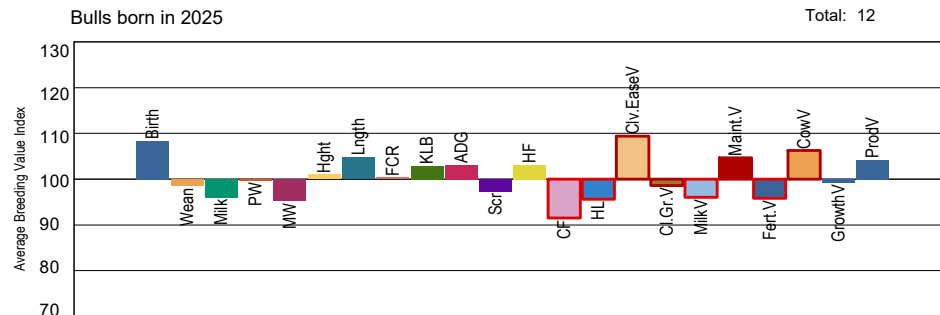


Cows older than 6 years

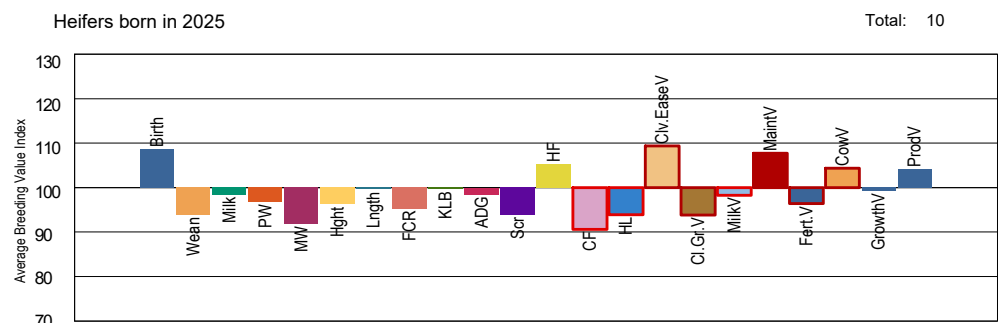


Selection possibilities

Bull calves



Heifer calves

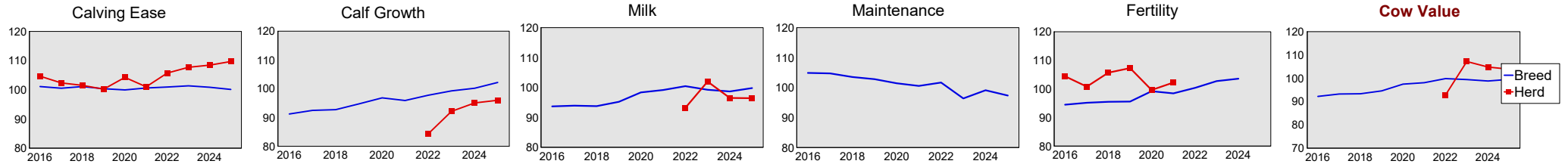


Summary of Cow Herd

			Selection Values (SV)							Calf Weight		Dam		Growth & Efficiency				Fertility				Frame		
Birth Year	No. Cows	Average Cow Value	Calving Ease	Calf Grwth	Milk	Maint.	Fertility	Cow Value	Growth Value	Prod Value	Birth Weight	Wean Weight	Birth Mat.	Milk (Wn,Mat)	Postwn Weight	Mature Weight	ADG	Kleiber	Scrotal Circumf.	Heifer Fertility	Cow Fertility	Longevity	Height	Length
Cows in Breed Average:			100	99	100	101	100	100	99	100	100	99	100	100	99	99	99	99	98	101	100	100	99	99
2009	1	★★★★☆	101	75	118	114	119	105			104	75	94	118	78	84	73	73	82	120	118	82	70	76
2012	1	★★★★☆	101	92	110	95	98	105			101	92	103	110	95	104	103	108	104	101	95	98	87	89
2013	5	★★★★	107	79	108	109	90	95	77	95	107	79	101	108	81	90	77	80	83	98	89	90	83	78
2014	2	★★★★★	111	98	128	94	101	114	93	113	116	98	89	128	103	104	99	97	94	108	89	114	91	100
2015	4	★★★★☆	104	90	87	118	107	100	78	91	103	90	103	87	90	84	81	81	82	109	103	97	89	87
2016	6	★★★★☆	103	95	93	108	101	101	93	99	103	95	102	93	94	92	87	85	95	105	96	102	95	94
2017	2	★★★★☆	96	104	90	102	123	101	96	100	98	104	98	90	103	99	94	94	93	121	115	110	100	96
2018	2	★★★★☆	103	99	98	98	110	105			104	99	98	98	98	102	94	93	95	104	107	118	97	98
2019	8	★★★★☆	98	104	95	98	113	103	133	101	99	104	100	95	104	102	97	95	96	113	105	112	101	102
2020	5	★★★★☆	104	99	98	102	100	103	94	102	105	99	98	98	96	98	92	89	100	100	94	114	100	100
2021	3	★★★★☆	97	95	102	107	105	106			99	95	96	102	93	92	86	85	91	104	103	106	87	91
2022	2	★★★★☆	104	95	103	107	96	105			106	95	97	103	93	93	89	88	92	98	94	103	88	94
2023	12	★★★★☆	109	94	101	109	93	108	103	115	108	94	103	101	93	90	98	99	94	99	94	84	93	98
2024	8	★★★★☆	108	99	97	103	98	105	101	105	108	99	103	97	101	96	100	101	94	106	91	99	98	103
2025	10	★★★★☆	109	94	98	108	96	104	99	104	109	94	103	98	97	92	99	100	94	105	91	94	96	100
Cows in Herd Average:			104	94	102	105	103	104	97	103	105	94	99	102	95	95	91	91	93	106	99	102	92	94

Genetic Trends for On-Farm Traits

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



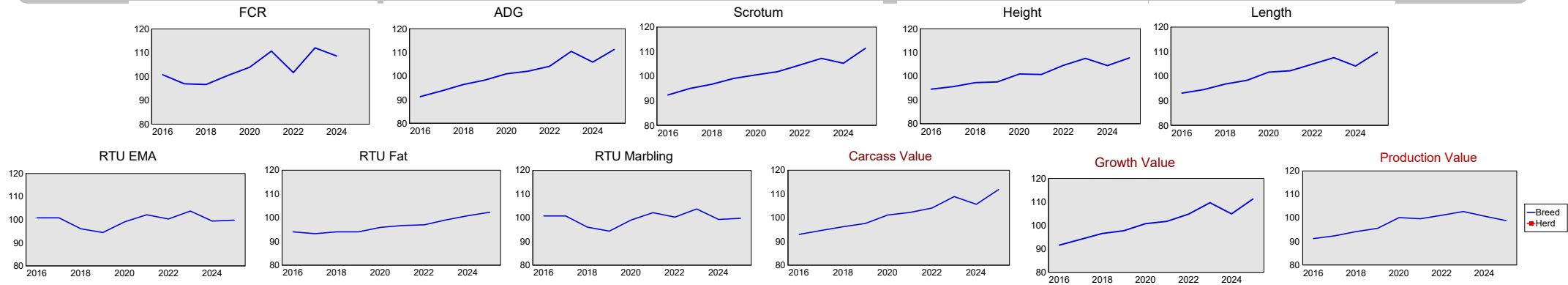
Herd

Birth Year	Calving Ease				Calf Growth			Milk			Maintenance						Fertility						Cow Value
	Birth Weight		Mat EBV	Calv. Ease	Weaning Weight		Calf Growth	Milk (Wn.Mat.)		Postwean Weight	Mature Weight		Maintenance	Heifer Fert.		Cow Fert.		Longevity		Fertility			
	Number	Dir EBV			Number	EBV		Number	EBV		Milk	Number		EBV	Number	EBV	Number	EBV	Number		EBV	Number	
2016	33	0.48	0.46	105										7	-10.5	6	-3.0	32	22.1	104			
2017	28	0.60	0.52	102										9	-7.5	4	-3.8	28	28.0	101			
2018	18	0.53	0.71	102										6	-9.1	1	-3.4	12	34.7	106			
2019	20	0.67	0.64	100										13	-12.0	9	-3.5	21	36.2	107			
2020	23	0.38	0.62	104										5	-5.8	3	-1.4	22	34.5	100			
2021	24	0.63	0.62	101										4	-6.1			21	30.4	102			
2022	15	0.44	0.40	106	12	11.3	84	12	5.99	93											93		
2023	30	0.22	0.49	108	23	14.6	92	23	8.49	102											107		
2024	28	0.23	0.40	108	19	15.9	95	19	6.94	97											105		
2025	23	0.11	0.44	110	18	16.3	96	18	6.88	96											104		

Breed

Birth Year	Calving Ease				Calf Growth			Milk			Maintenance						Fertility								Cow Value
	Birth Weight		Calv. Ease	Weaning Weight	Calf Growth	Milk (Wn.Mat.)		Postwean Weight		Mature Weight		Maintenance	Heifer Fert.		Cow Fert.		Longevity		Ferti- lity						
	Number	Dir EBV				Mat EBV	Number	EBV	Number	EBV	Milk		Number	EBV	Number	EBV	Number	EBV		Number	EBV	Number	EBV		
2016	1782	0.81	0.42	101	985	14.3	91	985	6.12	94	448	28.0	250	28	105	395	-6.4	304	-2.1	1860	26.0	94	92		
2017	1720	0.80	0.48	101	1155	14.8	93	1155	6.19	94	481	29.8	306	28	105	402	-5.9	313	-2.3	1792	27.4	95	93		
2018	1744	0.77	0.45	101	1213	14.9	93	1213	6.14	94	553	29.2	278	29	104	417	-5.9	305	-2.1	1865	28.9	96	93		
2019	1757	0.80	0.49	100	1239	15.7	95	1239	6.57	95	553	30.8	300	31	103	430	-5.3	325	-2.5	1826	30.2	96	95		
2020	1742	0.79	0.55	100	1243	16.6	97	1243	7.48	98	519	32.3	246	33	101	394	-5.9	302	-3.1	1839	30.8	99	98		
2021	1690	0.76	0.52	101	1171	16.2	96	1171	7.70	99	493	32.7	187	32	101	361	-5.2	246	-2.8	1674	31.0	98	98		
2022	1795	0.71	0.53	101	1271	17.0	98	1271	8.08	100	520	33.5	198	30	102	356	-6.3	129	-3.0	1136	31.4	100	100		
2023	1773	0.71	0.51	101	1235	17.7	99	1235	7.73	99	513	35.8	62	33	96	180	-6.4	37	-3.3			103	100		
2024	1801	0.76	0.51	101	1081	18.1	100	1081	7.58	99	560	34.6	8	43	99	44	-5.7					104	99		
2025	1633	0.80	0.54	100	854	18.9	102	854	7.90	100	177	38.9			97								100	100	
2026	626	0.82	0.62	99	56	21.7	109	56	10.03	107													100	100	

Genetic Trends for Growth Test Traits



Herd

Birth Year	Growth									Frame						Carcass						Selection Values		
	FCR			ADG			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	RTU Number	EBV	EBVi	EBV	EBVi	EBV			
2017																								
2018																								
2019																								
2020																								
2021																								
2022																								
2023																								
2024																								
2025																								

Breed

Birth Year	Growth									Frame						Carcass						Selection Values			
	FCR			ADG			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		EBV	EBVi	EBV	EBVi					
2017	37	-71	97	180	110	94	177	13.5	95	177	20	96	177	25	95	132	0.25	97	-0.71	93	-0.25	101	95	94	92
2018	97	-70	97	261	120	96	261	14.3	97	261	21	97	261	28	97	213	0.34	98	-0.63	94	-0.48	96	96	97	94
2019	59	-76	101	260	127	98	220	15.4	99	260	21	98	260	29	98	242	0.51	100	-0.63	94	-0.55	94	98	98	96
2020	45	-80	104	259	137	101	220	16.2	101	259	23	101	259	32	102	258	0.73	103	-0.44	96	-0.33	99	101	101	100
2021	49	-89	111	219	141	102	224	16.9	102	224	23	101	224	33	102	209	0.89	105	-0.36	97	-0.18	102	102	102	100
2022	56	-77	102	205	149	104	206	18.2	104	206	25	105	206	36	105	177	0.90	105	-0.33	97	-0.27	100	104	105	101
2023	8	-91	112	231	172	110	232	19.6	107	232	27	108	232	38	108	204	1.20	109	-0.14	99	-0.10	104	109	110	103
2024	3	-86	109	132	155	106	135	18.6	105	141	25	104	141	35	104	124	0.91	105	0.04	101	-0.32	99	106	105	101
2025				105	175	111	112	21.7	111	120	27	108	120	40	110	111	1.18	109	0.19	102	-0.29	100	112	111	99
2026																									

Sires

Bull				Selection Values							Calf		Dam		Growth				Fertility				Frame		Carcass			Measured Progeny		
ID	Index EBV Acc	Sire ID	Dam ID	Calv.	Calf	Milk	Maint.	Fertility	Cow	Growth	Prod	Birth	Wean	Birth	Wean	Post wn	Mature	ADG	FCR	Scrotal	Heifer	Cow	Long-evi	Height	Length	EMA	Fat	Marbling	Birth	Wean
				Ease	Grwth	Value	Value	Value	Value	Value	Value	Value	Dir	Dir	Mat.	Mat.	wt	weight					Fertility	Fertility	ty					
382		9126J	7218	108	75	95	149	77	95			106	75	105	95	66	63	67		74	104	74	49	58	70	53	100	117	18	13
MH 9126J DOMINO 382 1ET				65	74	31	10	27	42			0.32	7.4	0.35	6.6	11.0	-4	9		2.7	-8.4	1.1	13.5	-4	2	-2.99	-0.03	0.53		
												84	74	24	31	12	10	9		10	23	6	51	10	10	9	8	8	1	1
43092364		42426386	42856776	107	103	130	91	80	101	103	102	115	103	82	130	109	106	110	111	95	95	70	106	104	110	109	116	110	31	20
CHURCHILL SENSATION 028X				88	87	76	59	64	73	40	66	-0.36	19.3	1.31	16.6	38.8	40	170	-90	13.5	-1.8	1.7	38.9	25	41	1.17	1.56	0.20	2	6
												92	87	79	76	61	59	62	13	67	72	40	80	68	66	62	58	57		16
47R		20J	91K	86	107	89	104	69	73	105	75	85	107	104	89	102	96	100		116	76	80	74	115	118	97	100	103	72	42
PDHR 20J STANMORE 47R				92	91	78	58	72	76	40	69	1.89	21.0	0.42	4.8	34.5	29	135		24.0	10.7	0.2	24.6	32	48	0.29	-0.05	-0.13	7	9
												96	91	84	78	62	58	72		77	82	45	89	78	76	52	48	48		22
81E		43092364	160B	112	83	113	115	85	103	85	101	117	83	91	113	83	83	91	94	90	98	77	98	96	96	84	107	90	49	26
NJW 160B 028X HISTORIC 81E-ET				81	85	46	32	47	58	29	52	-0.46	10.7	0.95	11.8	22.3	16	100	-67	11.1	-4.5	0.7	35.5	20	27	-0.66	0.62	-0.78	1	
												94	85	52	46	39	32	41	12	47	51	23	67	48	46	42	39	38		
BH 140034		BH 100032	PJB 090043	104	115	122	92	107	115	123	118	111	115	85	122	122	106	123	118	112	105	112	85	118	114	117	115	100	81	75
BENCHMARK 1434				93	95	87	64	71	80	54	75	-0.06	24.2	1.17	14.3	47.3	40	217	-98	21.8	-9.0	-4.7	29.4	34	45	1.76	1.46	-0.27	18	22
												97	95	84	87	84	64	81	23	86	81	46	85	87	85	83	78	77		48
BR234F		213B	153C	102	113	86	97					96	113	115	86	107	104	111		115	91		78	116	116	90	117	87	22	16
BR 213B FORTY CREEK 234F				72	79	41	23					1.06	23.5	-0.06	4.0	37.2	37	176		23.4	0.3		26.4	32	46	-0.21	1.66	-0.90	3	3
												87	79	39	41	24	23	47		55	44		55	57	54	47	41	40		3
GAH138W(		GAH144S	GAH 552S	109	83	81	128	74	85			106	83	107	81	72	75	76		79	102	71	49	66	72	55	81	106	8	8
GH ADAMS 144S BULGE 138W				75	71	60	16	45	51			0.33	10.8	0.27	2.3	15.1	8	43		5.5	-7.0	1.6	13.7	1	4	-2.87	-1.89	0.01		4
												78	71	67	60	21	16	23		27	50	21	65	28	26	14	12	12		13
GH 190032		SLM 140006	GH 150063	112	84	88	108	79	87	102	88	110	84	105	88	89	92	97	92	98	103	66	85	105	100	98	93	110	46	33
MIKE 932				85	89	68	54	55	69	38	63	0.01	11.2	0.36	4.5	25.6	26	122	-65	14.9	-7.9	2.3	29.7	25	31	0.39	-0.74	0.18	3	3
												94	89	66	68	67	54	62	8	67	63	34	68	68	66	59	56	55		4
HC0279559		HC02732398	HC02644163	116	69	67	131	73	68			111	69	111	67	61	73	60		67	97	77	43	61	61	58	112	98		
GH DIFFERENCE BRITISHER 45L				47	48	45	29	41	40			-0.08	5.1	0.12	-1.6	7.8	6	-18		-0.6	-3.5	0.6	10.6	-2	-8	-2.62	1.17	-0.38		
												48	48	44	45	38	29	28		30	43	29	52	30	30	23	21	21		
KJA 170027		SLM 130041	KJA 130053	113	73	115	111	70	86	71	81	112	73	104	115	72	87	69	74	70	78	74	92	80	83	70	92	82	24	19
KEMPER				85	85	74	61	59	72	42	66	-0.10	6.7	0.41	12.3	14.7	20	18	-41	0.7	9.3	1.0	32.7	10	14	-1.78	-0.80	-1.17	2	6
												91	85	72	74	56	61	69	9	77	66	39	72	78	75	55	51	50		12
KRM		BH 140034	KRM 130087	123	100	100	112	92	123	115	125	119	100	112	100	103	88	118	105	93	103	94	71	95	113	98	97	103	34	30
BENCHMARK 200047				91	92	84	82	72	83	82	83	-0.63	17.8	0.09	8.1	34.7	21	199	-81	12.6	-7.5	-2.0	23.5	19	43	0.37	-0.36	-0.14		
												94	92	83	84	66	82	84	79	86	51	80	84	87	86	85	83	83		

Sires

Bull			Selection Values								Calf		Dam		Growth				Fertility				Frame		Carcass			Measured Progeny	
ID	Index EBV Acc	Sire ID Dam ID	Calv. Ease Value	Calf Grwth Value	Milk Value	Maint. Value	Fertility Value	Cow Value	Growth Value	Prod Value	Birth Dir	Wean Dir	Birth Mat.	Wean Mat.	Post wn wt	Mature weight	ADG	FCR	Scrotal	Heifer Fertility	Cow Fertility	Long-evi ty	Height	Length	EMA	Fat	Marbling	Birth Grwth Test	Wean Dgt/Calvs.
	Name																												
SLM 050039	RLBE0004 SLM J 0001		104	46	105	132	82	64	41	56	99	46	113	105	57	71	44	52	63	93	93	51	48	43	44	109	87	67	59
TITANIUM			92	94	85	35	73	72	32	64	0.82	-4.9	0.06	9.5	5.1	4	-76	-13	-2.7	-0.5	-1.9	14.4	-10	-25	-3.71	0.81	-0.90		
											96	94	83	85	45	35	35	25	35	78	53	89	39	37	18	16	16	15	41
SLM 070020	HC02827131 SLM 020031		95	90	94	107	68	82	93	81	95	90	101	94	94	92	92	92	90	81	78	59	100	89	92	95	90	141	112
W 8			95	96	87	52	78	79	35	70	1.11	13.8	0.53	6.3	29.2	26	104	-66	11.0	7.5	0.5	17.9	23	20	-0.06	-0.55	-0.78	16	25
											98	96	88	87	66	52	58	8	62	86	54	94	63	61	42	38	37		
SLM 090019	HC02827131 SLM 010001		123	77	109	105	127	119	86	116	136	77	79	109	84	93	89	98	93	140	110	84	100	82	91	95	87	92	82
919			95	96	91	76	80	85	48	78	-1.86	8.4	1.41	10.5	22.8	27	90	-73	12.5	-33.4	-4.5	29.1	22	14	-0.17	-0.50	-0.91	9	24
											97	96	90	91	64	76	77	12	83	83	66	90	84	82	53	48	47		
SLM 100002	SLM 070020 SLM 020022		102	66	102	118	76	75	84	73	101	66	103	102	71	81	77	74	70	95	76	61	84	82	72	95	89	45	11
GEORGE 10 02			90	86	80	51	66	72	40	66	0.67	3.8	0.46	8.6	14.4	15	48	-42	0.9	-2.5	0.7	19.1	12	13	-1.62	-0.49	-0.79	5	11
											94	86	80	80	51	51	62	10	70	73	42	84	71	68	35	32	31		
SLM 120030	SLM 070020 SLM 060003		98	111	94	95	107	100	106	101	100	111	98	94	109	105	103	103	103	107	105	103	106	109	109	96	111	112	11
230			94	87	85	33	76	71	24	62	0.78	22.6	0.67	6.2	38.8	39	143	-79	17.5	-10.6	-3.6	37.3	26	40	1.21	-0.45	0.22	23	45
											97	87	86	85	38	33	39	6	44	86	51	90	44	43	34	31	30		
SLM 140006	43092364 SLM 050006		109	101	107	108	113	123	105	123	115	101	87	107	105	90	105	101	110	117	106	99	111	115	116	105	113	257	193
406			97	98	94	88	78	89	54	82	-0.37	18.5	1.12	9.9	36.0	24	152	-77	20.9	-17.1	-3.8	35.9	29	46	1.74	0.43	0.34	47	55
											99	98	93	94	90	88	91	14	94	90	56	89	94	94	89	86	85		
SLM G 0004	HPG G 0006 SLM D 0003		118	38	47	170	88	44	30	33	107	38	127	47	30	46	31	30	44	128	71	45	30	30	30	104	101	25	80
GAFFER			89	95	90	60	78	80	43	73	0.24	-8.3	-0.54	-7.5	-11.8	-22	-127	18	-12.0	-25.1	1.6	11.8	-30	-45	-5.37	0.36	-0.26	2	31
											92	95	83	90	84	60	58	22	65	85	55	93	66	64	14	12	12		

Breeding Values and Accuracies: Bulls

Green: >120 High
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Animal				Selection Values									Birth		Wean				Growth			Fertility				Frame		Carcass			
Index EBV Acc	% Inbreeding	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	FCR	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	EMA	Fat	Marbling		
ID Number Name																															
HC02827131 62647896 GH NEON 17N				104 93	98 95	68 89	107 57	88 76	83 79	89 31	82 69	92 44	104 0.44	101 0.53	95 29	98 17.3	68 -1.4	73 45	94 29.3	90 95			88 10.1	104 -8.5	83 -0.4	80 27.2	102 24	93 24	95 0.12	103 0.26	87 -0.91
GH 190032 89509624 MIKE 932				112 85	84 89	88 68	108 54	79 55	87 69	102 38	88 63	96 58	110 0.01	105 0.36	92 26	84 11.2	88 4.5	80 61	89 25.6	97 122	92 -65		98 14.9	103 -7.9	66 2.3	85 29.7	105 25	100 31	98 0.39	93 -0.74	110 0.18
KRM 200047 91637264 BENCHMARK 200047				123 91	100 92	100 84	112 82	92 72	123 83	115 82	125 83	110 84	119 -0.63	112 0.09	88 21	100 17.8	100 8.1	106 117	103 34.7	118 199	105 -81		93 12.6	103 -7.5	94 -2.0	71 23.5	95 19	113 43	98 0.37	97 -0.36	103 -0.14
SLM 220006 94891587 SLM 220006				104 69	66 71	77 58	126 31	94 48	69 54	66 22	65 48	64 8	98 0.95	117 -0.12	77 10	66 3.6	77 1.2	61 17	64 9.8	70 20	79 -48		77 4.4	114 -15.4	84 -0.4	79 26.7	54 -6	59 -9	56 -2.76	100 0.01	105 -0.03
SLM 220007 94891595 SLM 220007				123 68	58 69	71 57	139 33	104 49	79 54	56 24	72 48	55 14	117 -0.48	116 -0.06	69 2	58 0.2	71 -0.6	50 -7	55 4.0	58 -25	63 -27		63 -2.4	125 -22.6	88 -1.1	82 28.3	53 -7	54 -15	53 -3.05	102 0.16	99 -0.34
SLM 220030 94891736 SLM 220030				106 68	96 68	113 53	98 33	96 43	108 52	96 22	107 46	98 32	110 0.03	91 0.92	100 33	96 16.1	113 11.8	108 123	99 32.7	99 128	103 -79		90 10.9	106 -9.6	84 -0.5	111 41.0	99 22	99 30	97 0.32	108 0.78	104 -0.09
SLM 220034 95731444 SLM 220034				99 67	103 53	115 48	96 32	97 42	103 47	96 22	103 42	100 31	104 0.50	89 1.01	102 36	103 19.2	115 12.2	114 135	104 35.3	100 132	101 -77		94 12.7	102 -7.0	90 -1.4	109 40.3	99 22	103 34	101 0.62	108 0.76	109 0.16
SLM 230001 98589336 SLM 230001				108 64	93 51	104 39	106 19	104 36	113 40			95 23	111 -0.02	96 0.75	93 26	93 14.8	104 9.0	100 105	92 28.1	95 115	98 -73		94 13.0	108 -11.3	95 -2.2	108 39.7	100 22	100 30	93 0.02	103 0.21	98 -0.39
SLM 230002 95882460 REVOLVER				106 65	94 68	99 43	109 20	99 36	109 46			92 23	109 0.13	95 0.79	90 24	94 15.4	99 7.8	99 103	92 28.0	92 104	98 -72		91 11.6	107 -10.5	91 -1.5	105 38.3	97 21	96 27	92 -0.11	101 0.07	93 -0.61
SLM 230008 95882411 RYDER				100 85	86 85	108 81	114 79	106 67	106 78	91 80	104 78	91 80	100 0.78	100 0.56	85 18	86 12.2	108 10.3	103 111	87 24.6	92 105	100 -75		99 15.3	119 -18.9	88 -1.0	108 39.9	113 31	99 30	97 0.26	94 -0.68	85 -0.99
SLM 230009 95882437 RADIANT				108 63	81 67	93 40	128 17	105 32	105 44			75 14	108 0.17	102 0.50	74 7	81 10.0	93 5.8	89 80	78 19.1	75 41	82 -52		81 6.5	121 -20.0	94 -2.0	81 27.8	77 8	80 11	71 -1.64	104 0.36	114 0.40
SLM 230010 95882445 RORY				109 63	86 66	103 42	118 17	95 33	109 44			88 14	111 -0.07	97 0.69	82 15	86 12.1	103 8.8	100 104	82 21.4	86 81	89 -61		94 12.9	110 -12.8	87 -0.9	83 28.8	88 15	94 25	81 -0.93	110 0.91	119 0.64

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Animal				Selection Values								Birth		Wean				Growth			Fertility				Frame		Carcass			
Index EBV Acc	% Inbreeding	Sire ID	Dam ID	Calv. Ease V	Calf Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	FCR	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	EMA	Fat	Marbling
ID Number Name																														
SLM 230013		BR234F	SLM 150021	116	110	103	96	108	119	114	120	113	118	96	103	110	103	109	106	112	107	102	97	113	111	114	114	124	94	102
95882395				86	86	82	81	67	79	80	79	81	-0.58	0.74	37	22.0	8.8	124	36.9	178	-84	16.8	-3.3	-4.9	41.3	31	45	2.27	-0.59	-0.17
REACHER														88	82	81	86	82	83	46	81	80	81	38	81	83	81	81	81	81
SLM 230016		382	SLM 190005	102	80	88	127	96	90			72	99	109	76	80	88	83	78	72		73	109	90	83	70	77	68	95	106
95955001				61	65	38	13	31	41			12	0.86	0.22	9	9.4	4.4	67	18.6	29		2.4	-12.1	-1.4	28.7	4	8	-1.89	-0.54	0.01
RASSIE														73	35	13	65	38	39	15	14		16	33	18	42	16	15	12	11
SLM 230017		81E	SLM 130024	105	84	111	111	103	107			86	110	91	87	84	111	102	86	89	94	90	106	100	96	90	90	82	108	90
96094198				68	70	45	21	38	48			22	0.04	0.94	20	11.2	11.0	110	23.7	91	-68	11.2	-9.9	-2.9	34.5	17	21	-0.83	0.70	-0.78
RENOWN														77	48	21	70	45	45	26	24	9	26	41	23	49	27	26	22	21
SLM 230019		382	SLM 150019	99	84	83	129	91	88			70	97	105	74	84	83	82	78	69	73	76	105	88	73	66	73	64	103	110
96041926				63	67	39	12	32	42			10	0.98	0.35	7	11.1	3.0	65	18.8	16	-40	3.7	-9.3	-1.1	24.3	1	4	-2.22	0.24	0.20
RESILIENT														74	39	12	67	39	39	14	13	6	14	34	20	43	15	14	10	9
SLM 230021		81E	KJA 150038	111	80	104	121	82	98			84	112	100	79	80	104	96	81	85	87	83	96	76	95	93	91	83	100	89
96124748				67	70	47	32	36	50			22	-0.09	0.56	12	9.5	9.0	97	20.9	78	-58	7.5	-2.7	0.9	33.8	18	22	-0.78	-0.06	-0.81
RUGER														77	46	32	70	47	50	25	28	7	31	40	20	48	32	31	23	21
SLM 230028		KRM 200047	SLM 200106	97	96	106	96	94	100	99	99	103	95	106	103	96	106	101	97	103	102	97	94	93	112	106	107	98	87	94
96231949				86	86	83	82	68	80	82	80	82	1.16	0.32	37	16.3	9.7	106	31.2	143	-77	14.2	-1.4	-1.8	41.4	26	37	0.40	-1.34	-0.59
ROBERT														88	83	82	86	83	84	58	82	80	83	40	81	83	83	83	82	82
SLM 230035		KRM 200047	SLM 120036	102	107	114	82	106	110	132	115	123	99	109	118	107	114	109	121	138	143	119	97	107	117	107	109	110	94	103
96298005				87	87	84	82	68	80	82	80	82	0.84	0.19	52	21.0	11.9	125	46.6	276	-130	25.3	-3.9	-4.0	43.9	27	40	1.29	-0.60	-0.13
RAINMAKER														88	84	82	87	84	84	54	82	81	83	38	82	84	83	83	82	82
SLM 240007		GH 190032	SLM 210004	101	97	90	108	99	99	98	99	96	102	99	91	97	90	93	96	96	94	97	112	87	98	99	100	95	95	110
97643373				64	64	43	28	34	46	20	41	29	0.62	0.62	25	16.8	5.2	90	30.4	116	-68	14.7	-14.2	-0.9	35.4	22	31	0.11	-0.50	0.22
SULLIVAN														74	41	28	64	43	45	34	32	5	35	40	20	42	35	34	30	28
SLM 240008	4	GH 190032	KJA 150043	112	84	91	111	91	95	91	94	86	111	104	88	84	91	84	87	85	82	91	106	82	93	94	94	94	91	103
6020625437				68	53	45	34	39	47	26	43	33	-0.02	0.41	22	11.1	5.3	69	24.8	77	-53	11.3	-9.5	-0.1	33.1	19	25	0.03	-0.89	-0.12
SLM 240008														77	49	34	53	45	44	40	39	10	43	44	25	48	43	42	34	32
SLM 240011		6020435142	SLM 200003	106	88	89	113	85	95			97	103	109	87	88	89	86	80	102		108	86	102	58	104	95	83	92	95
SLM 240011				58	29	31	10	24	29			8	0.55	0.20	21	13.0	4.7	74	20.2	142		19.8	4.2	-3.3	17.5	25	26	-0.76	-0.81	-0.51
														69	35	10	29	31	23	10	10		12	29	14	30	12	11	9	8
SLM 240015		KRM 200047	SLM 160003	116	99	105	107	103	122	107	122	107	117	100	92	99	105	107	101	109	104	101	110	96	94	103	112	101	108	111
97643399				67	68	50	28	38	49	26	44	36	-0.45	0.56	25	17.6	9.4	121	33.6	166	-80	16.5	-12.8	-2.3	33.7	25	42	0.57	0.72	0.26
SHOWMAN														76	48	28	68	50	49	34	37	10	41	42	26	47	42	40	37	34
SLM 240019	7	GH 190032	SLM 160005	107	90	87	105	99	97	97	96	94	105	107	95	90	87	83	92	94	95	93	110	87	101	101	96	95	97	105
6020625429				67	54	48	31	40	47	21	42	31	0.42	0.30	28	13.8	4.1	67	28.1	111	-69	12.6	-12.8	-1.0	36.5	23	27	0.12	-0.35	-0.05
SLM 240019														76	49	31	54	48	44	37	34	5	37	45	27	48	38	37	32	30

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Index EBV Acc	% Inbreeding	Sire ID	Dam ID	Calv. Ease V	Calf Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	FCR	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	EMA	Fat	Marbling		
ID Number Name																																
SLM 240020 97643415 SUPERSTITION	6	GH 190032	SLM 150021	111 68	86 70	93 51	111 29	97 39	101 51	93 20	100 45	92 30	110 0.00 76	103 0.43 50	88 22 29	86 11.9 70	93 6.1 51	88 78 50	88 25.6 36	90 97 33			90 10.8 36	104 -8.2 44	91 -1.6 26	101 36.5 48	98 21 37	95 26 36	96 0.20 31	99 -0.13 29	109 0.14 29	
SLM 240021 98687833 SHOCKWAVE	1	KRM 200047	SLM 180020	111 66	105 68	99 47	100 25	95 36	107 48	109 24	109 43	108 34	111 -0.03 75	102 0.50 45	99 33 25	105 20.1 68	99 7.6 47	103 112 47	105 35.9 30	110 172 34	104 -80 9			101 16.2 39	91 0.8 40	101 -3.1 23	97 35.1 46	102 23 40	112 42 38	104 0.78 35	100 -0.04 32	108 0.10 31
SLM 240032 97643506 SIMON		KRM 200047	KJA 160011	114 67	110 72	85 48	110 31	87 36	101 51	109 26	102 46	108 34	111 -0.03 77	109 0.19 45	90 24 31	110 22.2 72	85 3.5 48	99 102 50	107 37.7 34	109 166 39	99 -74 8			104 18.1 43	92 -0.4 40	89 -1.2 23	90 31.9 45	103 25 44	113 44 42	102 0.69 36	99 -0.18 33	102 -0.21 33
SLM 240039 97832026 SINCLAIR		KRM 200047	SLM 200106	116 55	88 69	102 48	103 35	97 36	109 49	99 28	109 45	98 40	114 -0.24 61	107 0.28 43	96 29 35	88 12.8 69	102 8.5 48	94 91 51	89 26.0 38	99 129 41	94 -68 10			94 13.0 46	101 -6.1 40	94 -2.0 24	100 36.4 44	93 18 46	101 32 45	94 0.10 41	97 -0.38 38	101 -0.22 38
SLM 240048 6020434962 SLM 240048			SLM 180004	111 60	90 31	91 33	105 13	89 26	101 31			102 10	108 0.17 70	108 0.26 37	95 28 13	90 13.9 31	91 5.3 33	87 75 26	85 23.3 14	108 162 13			109 20.7 14	88 3.0 31	106 -3.9 16	62 19.3 31	109 28 14	101 31 14	92 -0.09 10	91 -0.96 9	98 -0.40 9	
SLM 250008 6020219355 TITANIUM 508	1	KRM 200047	KJA 150038	116 68	92 72	96 51	117 35	85 36	111 52	101 26	111 47	96 34	113 -0.18 77	110 0.17 48	83 16 35	92 14.5 72	96 6.9 51	98 100 53	94 28.9 32	100 135 37	94 -67 9			86 9.2 42	97 -3.5 40	85 -0.6 23	79 26.8 46	95 19 43	102 33 41	92 -0.10 35	95 -0.53 32	97 -0.44 32
SLM 250009 6020219363 TRIGGER 509	1	KRM 200047	SLM 190025	112 64	105 67	96 45	101 25	107 37	113 47	112 24	115 42	109 34	110 0.03 73	106 0.34 44	98 32 25	105 20.0 67	96 6.7 45	101 107 46	105 36.3 31	112 178 35	106 -83 8			99 15.4 39	110 -12.3 41	105 -3.6 24	92 32.9 45	103 25 40	112 42 38	104 0.82 35	98 -0.24 32	106 0.01 32
SLM 250015 6020219322 TRAILBLAZER 515	3	GH 190032	SLM 200103	104 86	121 86	97 83	82 82	74 69	88 80	123 82	93 80	119 82	107 0.21 88	94 0.81 83	119 54 82	121 26.6 86	97 7.0 83	105 115 84	119 45.1 58	117 197 82	115 -95 81			125 28.6 83	77 10.2 43	72 1.4 81	121 45.4 83	127 39 83	122 53 82	127 2.55 82	84 -1.65 82	128 1.04 82
SLM 250017 6020219314 TIGER 517		KRM 200047	SLM 190019	108 66	98 69	98 48	108 26	105 37	113 49	102 24	113 44	102 34	105 0.37 75	108 0.26 45	92 25 26	98 17.3 69	98 7.3 48	101 106 48	100 32.8 31	102 141 35	99 -74 8			96 14.0 40	112 -14.1 40	98 -2.6 24	95 33.8 46	99 22 41	105 35 39	94 0.08 35	105 0.41 32	104 -0.08 32
SLM 250018 6020434483 THUNDER 518		KRM 200047	SLM 210025	117 66	94 53	103 43	108 25	101 35	122 43	101 24	121 39	100 34	116 -0.41 75	105 0.35 45	91 25 25	94 15.3 53	103 8.9 43	102 109 40	95 29.9 30	103 143 34	99 -75 9			93 12.4 39	104 -8.3 40	101 -3.1 23	89 31.5 43	92 17 40	103 33 38	95 0.11 35	100 -0.01 32	105 -0.02 31
SLM 250020 6020219330 TRUCKER 520	5	GH 190032	SLM 220003	103 64	94 52	93 44	103 29	91 36	96 44	99 20	96 39	96 30	103 0.55 73	101 0.54 45	96 30 29	94 15.5 52	93 5.9 44	91 85 42	96 30.3 36	95 116 33	94 -68 5			97 14.6 36	99 -5.2 41	85 -0.6 23	103 37.7 44	101 23 37	100 31 35	99 0.42 31	96 -0.46 29	109 0.13 29
SLM 250021 6020435159 TEXAS 521	3	GH 190032	SLM 200003	107 66	91 67	90 47	107 29	98 37	100 49	98 20	99 43	95 30	106 0.29 75	102 0.49 48	93 27 29	91 14.3 67	90 5.0 47	87 76 48	91 26.9 35	95 115 33	96 -70 5			97 14.5 36	112 -14.0 43	85 -0.5 22	99 36.0 46	100 23 36	98 29 35	94 0.04 31	96 -0.46 29	108 0.11 28

Breeding Values and Accuracies: Bulls

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Animal			Selection Values										Birth		Wean				Growth			Fertility				Frame		Carcass		
Index EBV Acc	% Inbreeding	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	FCR	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	EMA	Fat	Marbling	
ID Number Name																														
SLM 250024 6020219371 HARRY 524	1	KRM 200047 SLM 170029	107 66	105 55	93 47	107 26	113 37	112 45	105 24	113 41	103 34	105 0.37 75	104 0.39 46	93 26	105 19.9 55	93 5.8 47	100 106 43	106 36.7 32	106 156 35	102 -78 10	94 13.0 40	115 -15.8 41	110 -4.5 26	92 32.4 45	97 21 40	105 35 39	99 0.46 35	95 -0.55 32	99 -0.33 32	
SLM 250027 6020213655 TITAN 527	7	GH 190032 SLM 190016	108 66	102 69	101 51	93 30	88 38	103 50	111 20	105 44	110 31	111 -0.01 74	96 0.73 48	107 41 30	102 18.9 69	101 8.2 51	100 104 50	104 35.7 36	109 168 33	107 -85 5	108 20.1 37	97 -3.7 44	82 -0.1 23	103 37.5 47	112 30 37	114 45 36	114 1.57 32	101 0.03 30	115 0.43 29	
SLM 250028 6020213663 THUNDER 528	4	GH 190032 SLM 160010	107 67	89 69	89 50	109 29	83 39	90 50	96 20	90 44	91 30	105 0.38 75	105 0.38 49	91 25 29	89 13.2 69	89 4.6 50	85 71 49	90 26.4 36	92 103 33	92 -64 5	94 12.8 36	102 -6.8 44	72 1.3 24	93 33.2 48	96 20 36	94 25 35	92 -0.10 31	92 -0.85 29	106 -0.02 29	
SLM 250030 6020213671 THOR 530		KRM 200047 SLM 170014	107 65	103 69	95 49	104 27	102 37	108 49	108 24	109 44	106 34	105 0.39 74	106 0.32 46	96 30 27	103 19.1 69	95 6.6 49	100 104 48	104 35.5 32	109 167 36	105 -81 8	95 13.5 40	108 -10.8 41	99 -2.7 25	91 32.0 46	101 23 41	107 38 39	100 0.48 36	99 -0.12 33	103 -0.12 32	
SLM 250041 6020213697 TIMBER 541	1	KRM 200047 SLM 150021	117 67	89 70	101 49	117 25	103 37	119 49	95 24	118 44	94 34	114 -0.28 76	108 0.23 48	83 16 25	89 13.3 70	101 8.1 49	99 103 48	92 27.7 31	97 121 35	95 -69 8	83 7.6 39	105 -8.9 40	104 -3.5 25	90 31.9 46	89 15 40	96 27 39	92 -0.12 35	101 0.03 32	104 -0.09 32	

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Index EBV Acc	% Inbreeding	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	FCR	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	EMA	Fat	Marbling
ID Number Name																													
SLM 090031 69955938 CAROLINE 235TH	2	SLM 050039 SLM 060010	101 86	75 79	118 81	114 23	119 57	105 62			74 10	104 0.46 87	94 0.83 84	84 17 23	75 7.5 79	118 13.2 81	104 113 61	78 18.7 26	73 31 20	84 -54 14	82 7.1 20	120 -19.4 62	118 -5.7 39	82 28.4 70	70 4 22	76 7 21	73 -1.52 10	112 1.13 9	105 -0.04 9
SLM 120036 76230895 THRUSH 99TH	 GAH138W(R)  SLM 090039		101 81	92 73	110 71	95 14	98 50	105 55			95 8	101 0.72 83	103 0.46 77	104 37 14	92 14.6 73	110 10.8 71	101 106 53	95 29.6 16	103 145 15	115 -95 7	104 18.0 17	101 -6.4 56	95 -2.2 33	98 35.4 62	87 14 18	89 20 17	86 -0.58 8	96 -0.40 7	108 0.09 7
KJA 130023 78803756 DALEEN 323		SLM 090019 KJA 050028	117 83	82 79	101 80	96 57	87 60	98 70	78 41	94 64	77 38	117 -0.52 85	101 0.53 80	103 37 57	82 10.2 79	101 8.4 80	86 74 72	86 24.0 54	79 55 57	89 -62 19	77 4.3 63	108 -11.4 65	74 1.1 46	89 31.4 69	100 22 64	82 13 62	81 -0.88 41	92 -0.87 36	73 -1.56 35
SLM 130011 78666559 THRUSH 102ND		47R SLM 060004	106 81	80 72	103 60	118 32	102 55	102 58	72 24	97 51	76 25	103 0.51 83	107 0.30 77	82 15 32	80 9.5 72	103 8.8 60	94 92 55	79 19.7 34	73 33 37	77 -46 7	86 9.1 40	111 -13.5 63	93 -1.8 37	96 34.5 66	80 10 41	80 11 40	69 -1.79 26	110 0.95 24	102 -0.18 24
SLM 130024 78673118 DOWAGER 85TH	1	SLM 050039 SLM 070002	105 84	66 78	114 75	123 27	120 57	102 61	64 20	95 53	64 14	108 0.18 86	95 0.76 81	76 9 27	66 3.8 78	114 11.9 75	95 94 60	72 15.1 32	67 10 23	78 -47 14	72 2.1 24	120 -19.3 64	117 -5.6 40	88 30.8 68	65 1 26	61 -8 25	60 -2.53 15	107 0.60 14	82 -1.14 13
SLM 130043 78673522 THRUSH 106TH	1	SLM 070020 SLM 090039	104 78	90 73	107 59	98 28	74 57	94 57	94 20	93 50	92 20	102 0.60 81	106 0.34 71	100 34 28	90 13.6 73	107 9.9 59	98 100 53	93 28.8 36	96 119 30	101 -77 8	99 15.3 33	90 0.9 63	70 1.6 40	86 29.9 68	95 19 33	92 23 33	94 0.05 21	104 0.37 19	100 -0.27 19
SLM 130044 78673530 CAROLINE 268TH	2	SLM 050039 SLM 070043	101 81	76 75	113 69	110 23	69 56	79 58			68 10	103 0.56 83	97 0.68 76	88 21 23	76 7.9 75	113 11.7 69	98 100 56	77 18.0 27	69 18 21	73 -41 15	80 6.0 21	61 21.3 62	89 -1.2 38	93 33.2 67	74 7 23	73 4 22	70 -1.70 10	107 0.66 9	100 -0.28 9
SLM 140016 80929516 THRUSH 108TH		43092364 SLM 090039	113 81	99 75	134 71	88 31	95 54	113 60	96 22	112 52	103 30	121 -0.79 83	84 1.24 77	109 43 31	99 17.3 75	134 17.8 71	123 155 59	105 35.9 34	103 145 32	113 -92 10	99 15.4 35	102 -6.9 61	84 -0.4 35	118 44.3 65	95 19 36	104 35 35	111 1.33 31	117 1.67 29	115 0.41 29
SLM 140018 81320780 CAROLINE 269	 43092364  SLM 090031		108 82	97 74	122 69	100 32	106 53	115 60	89 22	113 52	96 30	111 -0.07 84	93 0.87 78	98 31 32	97 16.6 74	122 14.4 69	118 144 58	101 33.9 33	94 111 32	105 -82 9	89 10.2 35	114 -15.3 60	93 -1.8 34	109 40.4 64	87 15 36	96 27 35	96 0.21 31	119 1.88 29	111 0.24 29
KJA 150038 83039701 KJA 150038	3	SLM 100002 KJA 110028	108 81	84 72	92 79	125 54	77 53	93 66	85 24	90 58	80 19	105 0.39 83	108 0.23 76	77 10 54	84 11.3 72	92 5.6 79	90 83 68	85 23.3 32	81 63 37	81 -50 8	78 4.9 41	91 0.7 61	76 0.7 34	84 29.1 63	93 18 42	89 20 41	83 -0.77 20	93 -0.71 18	89 -0.80 17
SLM 150002 83095349 502	1	SLM 120030 SLM 050006	109 78	84 75	90 71	119 32	132 56	110 60	80 24	106 53	80 28	110 0.05 81	99 0.62 71	82 15 32	84 11.4 75	90 5.2 71	87 75 59	89 25.7 35	80 57 34	91 -64 13	85 8.4 36	138 -31.9 65	113 -5.0 37	107 39.2 66	91 17 37	85 16 36	85 -0.64 29	108 0.71 28	110 0.19 27
SLM 150019 83088724 519	1	SLM 120030 SLM 100029	90 79	91 73	71 69	117 21	104 56	82 57	69 20	77 50	72 18	88 1.68 82	106 0.31 74	85 18 21	91 14.0 73	71 -0.5 69	73 45 54	88 25.5 27	70 23 25	77 -46 12	77 4.7 26	106 -9.7 64	104 -3.5 39	89 31.5 64	74 6 28	75 6 27	73 -1.53 19	106 0.51 17	103 -0.15 17

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ID Number Name																													
SLM 150021 83088757 521	26	SLM 120030 SLM 100026	107 81	100 75	95 74	110 22	114 55	113 58			95 19	108 0.16 83	99 0.62 76	90 23 22	100 17.8 75	95 6.6 74	100 105 57	98 31.9 26	91 100 25		88 10.1 27	100 -5.8 62	120 -6.0 39	107 39.3 65	98 21 28	98 29 27	101 0.60 20	106 0.57 18	111 0.25 18
KJA 160011 84739481 DORET		47R KJA 110035	102 77	106 75	71 71	119 40	81 53	82 61	93 26	81 54	93 26	97 1.00 80	113 0.03 70	83 16 40	106 20.7 75	71 -0.3 71	87 77 62	101 33.5 40	90 95 41	86 -57 6	106 18.9 45	85 4.6 62	81 0.0 34	104 38.0 62	101 23 46	102 33 44	94 0.06 27	99 -0.11 26	95 -0.51 25
SLM 160003 84785948 603	1	SLM 120030 SLM 050006	108 81	91 68	111 75	107 32	112 58	118 59	93 24	117 52	97 28	112 -0.10 83	92 0.89 76	91 25 32	91 14.3 68	111 11.1 75	107 119 58	94 28.8 35	93 106 34	98 -72 13	103 17.2 36	120 -19.4 66	97 -2.4 41	111 41.1 66	105 25 37	103 34 36	96 0.22 29	118 1.74 28	117 0.53 27
SLM 160010 84786003 610	1	SLM 120030 SLM 120016	102 79	99 65	88 71	108 22	86 53	92 55			89 18	101 0.70 82	103 0.47 74	92 26 22	99 17.3 65	88 4.4 71	92 86 53	95 29.8 23	90 94 22	93 -66 7	92 11.9 25	98 -4.1 61	81 0.0 36	94 33.7 63	89 16 25	92 22 24	88 -0.39 18	91 -0.94 17	102 -0.18 16
SLM 160016 84787654 616	5	SLM 120030 SLM 130014	102 76	87 61	97 67	107 21	103 54	98 52			79 18	103 0.58 80	100 0.59 68	92 26 21	87 12.3 61	97 7.2 67	91 84 50	87 24.4 24	74 37 23	79 -49 7	83 7.5 25	100 -5.4 60	103 -3.3 38	105 38.6 64	85 13 26	82 13 25	84 -0.66 19	99 -0.15 17	96 -0.50 16
SLM 160025 84787738 625	14	SLM 120030 SLM 120045	98 77	94 64	102 68	101 22	111 55	109 54			90 19	101 0.66 80	93 0.84 69	98 32 22	94 15.5 64	102 8.5 68	98 101 51	95 29.9 26	91 99 25	94 -67 5	94 12.9 27	105 -9.0 63	118 -5.6 39	91 32.0 64	95 20 28	94 25 27	98 0.35 20	91 -0.97 18	99 -0.36 18
SLM 160030 84787787 630	3	SLM 120030 SLM 130019	106 74	93 60	87 60	106 24	111 55	105 52			86 21	104 0.50 78	108 0.25 64	94 27 24	93 14.9 60	87 4.1 60	85 72 48	94 28.9 28	82 67 27	81 -51 5	93 12.5 30	120 -19.5 62	97 -2.5 38	105 38.4 64	95 19 30	91 22 29	88 -0.42 22	102 0.15 20	100 -0.29 20
SLM 170014 86536901 714	4	SLM 120030 SLM 080009	99 79	99 67	93 74	101 28	111 56	102 57	95 20	101 50	93 24	100 0.79 82	100 0.59 73	99 33 28	99 17.4 67	93 6.0 74	94 91 56	99 32.3 32	93 108 29	99 -74 7	90 11.1 32	114 -15.1 63	102 -3.2 40	108 39.9 65	100 23 33	94 25 32	93 0.00 26	101 0.06 23	101 -0.25 23
SLM 170029 86537032 729	6	SLM 120030 SLM 120020	93 78	108 64	86 70	102 26	134 56	100 55	96 20	99 48	96 21	95 1.13 81	96 0.73 73	98 32 26	108 21.4 64	86 3.9 70	95 94 53	107 37.8 31	94 112 27	100 -75 12	95 13.4 29	127 -24.0 64	127 -7.0 41	112 41.4 64	100 22 29	97 28 28	100 0.54 22	93 -0.73 20	95 -0.53 20
SLM 180004 88385869 SYFERPAN 804	7	SLM 120030 SLM 090007	103 80	106 62	93 65	93 25	124 52	109 54			103 20	105 0.43 82	98 0.66 75	108 41 25	106 20.5 62	93 5.9 65	96 95 51	105 36.3 29	102 141 25	102 -77 5	98 14.9 28	124 -22.3 62	111 -4.7 33	116 43.3 62	104 25 28	105 35 27	105 0.87 21	95 -0.50 19	111 0.22 19
SLM 180020 89901185 SYFERPAN 820	1	SLM 120030 SLM 130044	102 77	92 64	102 68	103 20	96 53	101 53			86 17	103 0.54 80	97 0.68 70	96 29 20	92 14.7 64	102 8.5 68	97 99 51	91 27.5 24	85 76 22	88 -60 8	91 11.2 24	84 5.5 62	103 -3.4 35	119 44.6 61	89 16 25	90 21 24	89 -0.33 18	101 0.09 16	105 -0.05 16
SLM 190005 91029959 190005	3	SLM 120030 SLM 130018	99 75	95 61	79 67	108 24	115 53	96 53			85 21	96 1.05 79	107 0.29 66	93 26 24	95 16.1 61	79 1.7 67	81 62 51	98 31.7 28	84 74 27		79 5.4 30	111 -13.2 62	110 -4.4 35	112 41.5 61	89 15 30	91 22 29	90 -0.26 22	91 -0.98 20	98 -0.38 20

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ID Number Name																													
SLM 190009 91044214 190009	26	SLM 120030 SLM 150019	92 73	102 57	84 55	105 20	113 53	94 49			89 18	93 1.26 78	99 0.62 62	95 29 20	102 18.6 57	84 3.3 55	90 82 44	100 32.7 24	87 83 23	91 -64 7	90 11.1 25	114 -15.2 63	107 -4.0 35	105 38.4 60	90 16 26	92 23 25	91 -0.16 19	101 0.03 18	107 0.04 17
SLM 190012 91059667 190012	15	SLM 120030 SLM 070015	97 76	104 65	85 70	105 26	113 54	98 55			91 20	97 0.99 80	100 0.56 68	95 28 26	104 19.7 65	85 3.7 70	93 89 54	100 33.3 29	90 95 25	98 -73 5	89 10.5 28	116 -16.7 63	104 -3.5 38	105 38.5 61	95 19 28	92 23 27	96 0.18 21	95 -0.50 19	95 -0.51 19
SLM 190013 91030940 190013	26	SLM 120030 SLM 160003	104 75	102 59	104 64	99 23	115 54	115 52			103 22	106 0.34 79	98 0.64 67	99 33 23	102 18.6 59	104 9.2 64	105 116 49	102 34.0 26	99 130 26	102 -77 7	104 18.0 28	121 -20.1 63	101 -3.0 37	111 41.2 61	107 27 29	108 38 28	104 0.83 22	107 0.66 21	114 0.40 20
SLM 190016 91030957 190016	3	SLM 120030 SLM 140016	107 77	105 66	118 73	89 23	96 51	109 55			107 22	111 -0.07 80	92 0.91 69	109 43 23	105 20.2 66	118 13.1 73	115 137 54	107 37.7 26	106 155 25	110 -89 6	104 17.8 28	96 -2.7 62	93 -1.8 31	116 43.1 61	103 24 28	110 41 28	113 1.48 23	107 0.63 21	114 0.37 21
SLM 190018 91030973 190018	7	SLM 120030 SLM 090007	88 87	123 85	97 85	79 80	112 76	96 80	133 80	101 80	125 80	89 1.58 88	99 0.63 85	124 58 80	123 27.7 85	97 7.0 85	104 115 83	127 50.3 52	128 237 80	116 -96 79	108 19.9 80	110 -12.7 63	106 -3.8 80	115 42.9 84	120 35 80	126 57 80	126 2.48 80	82 -1.80 79	121 0.70 79
SLM 190019 91030965 190019	3	SLM 120030 SLM 130011	97 77	97 66	96 72	105 23	117 53	107 55			92 20	97 1.00 80	102 0.49 70	94 28 23	97 16.6 66	96 6.9 72	97 97 54	96 30.4 26	85 79 27		98 15.1 30	121 -20.2 62	103 -3.3 36	117 43.7 62	101 23 30	96 26 29	89 -0.32 21	112 1.17 20	105 -0.05 19
SLM 190025 93867737 SLM 190025	28	SLM 120030 SLM 160005	103 68	103 58	93 62	97 21	121 53	109 49			101 20	103 0.58 69	101 0.52 66	103 37 21	103 19.3 58	93 6.0 62	96 95 47	102 34.4 25	99 130 24		98 14.8 27	118 -18.2 63	114 -5.0 35	112 41.5 62	104 25 27	103 34 27	102 0.70 21	99 -0.19 19	106 0.01 19
SLM 200003 91562504 200003	1	SLM 120030 SLM 120007	101 77	99 57	91 63	107 20	116 48	106 50			92 17	102 0.64 80	99 0.61 70	93 26 20	99 17.5 57	91 5.3 63	95 92 47	93 28.2 21	91 101 21		94 13.0 23	121 -19.8 58	103 -3.4 27	108 39.8 59	93 18 24	94 24 23	87 -0.47 18	98 -0.20 16	106 0.00 16
SLM 200005 91570986 200005	3	SLM 120030 SLM 130018	102 75	97 61	97 67	105 24	94 51	100 52			94 21	105 0.40 79	94 0.81 66	95 28 24	97 16.7 61	97 7.1 67	98 99 51	98 32.0 28	95 113 27		94 13.2 30	91 0.7 61	96 -2.2 32	110 40.8 60	99 22 30	99 30 29	95 0.13 22	93 -0.69 20	99 -0.33 20
SLM 200103 93717692 200103	5	KJA 170027 KJA 160004	109 74	100 63	114 66	94 41	80 48	102 56	94 32	101 51	96 34	111 -0.07 79	96 0.75 62	105 39 41	100 18.1 63	114 12.1 66	110 128 57	97 31.0 39	92 103 43	96 -70 17	100 16.2 47	83 6.3 57	77 0.6 34	118 44.2 54	101 23 48	101 32 46	102 0.69 35	89 -1.10 32	101 -0.23 32
SLM 200106 91571075 200106	1	SLM 140006 KJA 130044	102 74	92 68	98 72	91 53	100 52	99 62	89 32	97 56	94 46	103 0.58 79	100 0.59 64	109 43 53	92 14.6 68	98 7.5 72	89 80 64	89 26.0 54	86 81 51	88 -60 11	101 16.3 53	95 -1.9 62	97 -2.5 36	125 47.3 58	98 21 54	96 27 53	98 0.34 47	97 -0.34 45	102 -0.17 44
SLM 200108 93868453 200108	2	SLM 140006 KJA 160011	105 78	105 69	92 74	113 48	108 51	108 62	99 30	108 56	103 46	106 0.35 81	100 0.56 70	87 21 48	105 20.0 69	92 5.6 74	103 110 64	104 35.4 50	98 126 50	94 -68 8	109 20.2 52	112 -14.0 62	98 -2.6 33	111 41.0 59	107 27 52	110 40 52	106 0.95 46	102 0.17 45	104 -0.07 44

Breeding Values and Accuracies: Cows

Green: >120 High
White: 80-120 Average
Orange: <80 Low

Inbreeding in red is high

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

Animal			Selection Values								Birth		Wean				Growth			Fertility				Frame		Carcass				
Index EBV Acc	% Inbreeding	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	FCR	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	EMA	Fat	Marbling	
ID Number Name																														
SLM 210004 93867844 SLM 210004		382 SLM 170029	98 67	94 53	98 51	117 14	117 38	113 42			84 12	100 0.75	95 0.76	83 16	94 15.4	98 7.3	101 107		89 26.2	83 71	87 -58	87 9.3	125 -22.8	105 -3.6	98 35.2	81 11	87 18	80 -1.02	97 -0.35	107 0.05
SLM 210025 93867869 CAROLINE 2125	4	SLM 120030 SLM 090031	96 76	95 59	101 59	104 20	109 51	105 50			90 17	95 1.15	103 0.43	95 28	95 15.8	101 8.3	99 103		95 29.7	88 87	94 -67	93 12.3	105 -9.0	108 -4.2	107 39.5	88 15	93 23	91 -0.15	104 0.34	108 0.09
SLM 210027 93868511 SLM 210027	1	SLM 120030 SLM 130044	97 75	95 61	108 63	101 20	90 51	99 51			89 17	101 0.70	91 0.95	97 31	95 16.0	108 10.3	105 115		95 29.8	87 84	90 -62	93 12.2	82 7.0	97 -2.4	112 41.5	91 17	92 23	91 -0.17	102 0.11	106 -0.01
SLM 220003 98687726 SLM 220003	26	SLM 120030 SLM 180020	98 64	102 54	99 55	99 19	104 47	100 45			96 18	100 0.74	95 0.77	101 34	102 19.0	99 7.6	101 106		101 33.8	94 110	96 -70	97 14.3	96 -2.6	104 -3.5	121 45.7	98 21	100 30	99 0.44	99 -0.18	108 0.09
SLM 220020 94891702 SLM 220020	2	382 SLM 190016	110 62	88 66	107 40	114 12	87 30	109 42			84 12	111 -0.06	98 0.64	84 18	88 13.0	107 10.1	104 114		85 23.3	84 74		87 9.2	100 -5.7	83 -0.3	84 29.1	78 9	88 19	80 -0.95	103 0.28	114 0.40
SLM 230003 95882387 303	1	81E SLM 190013	107 65	97 66	107 40	105 20	100 36	114 45			99 23	111 -0.02	93 0.85	93 27	97 16.8	107 10.1	107 121		97 30.8	98 124	100 -75	100 15.7	108 -11.1	90 -1.4	105 38.6	104 25	105 35	97 0.28	107 0.66	103 -0.14
SLM 230005 6020434970 SLM 230005		SLM 200003	104 58	89 29	88 31	113 10	85 24	94 29			97 8	100 0.75	110 0.17	87 21	89 13.4	88 4.5	86 75		81 20.9	102 142		108 19.8	86 4.2	102 -3.3	58 17.5	104 25	95 26	83 -0.76	92 -0.81	95 -0.51
SLM 230011 95882452 311	5	382 SLM 140016	104 64	93 67	112 40	109 17	86 31	107 44			89 16	106 0.32	95 0.76	90 23	93 14.9	112 11.4	109 125		91 26.9	89 93	95 -69	90 11.1	101 -6.2	81 0.0	83 28.8	81 10	92 23	87 -0.50	109 0.86	117 0.55
SLM 230014 98687841 314		382 SLM 180020	103 62	84 49	98 37	121 11	86 30	96 37			76 10	103 0.56	102 0.49	80 13	84 11.3	98 7.4	95 93		79 19.7	76 43		82 7.0	94 -1.5	88 -1.1	84 29.0	73 6	80 11	71 -1.66	101 0.03	111 0.24
SLM 230015 95888160 315		382 SLM 160016	102 62	84 65	95 38	122 11	90 31	96 41			74 10	102 0.65	103 0.47	79 12	84 11.2	95 6.5	92 87		79 19.4	72 29		80 5.9	101 -6.2	89 -1.2	78 26.3	73 6	78 9	70 -1.73	100 -0.08	107 0.04
SLM 230020 96090451 320	1	KRM 200047 SLM 160025	109 66	88 68	103 47	114 25	102 37	113 48	93 24	112 43	89 34	107 0.23	107 0.30	85 18	88 12.8	103 8.8	100 104		92 27.7	94 112	91 -64	84 8.0	107 -10.3	103 -3.4	81 27.8	85 13	92 23	87 -0.44	93 -0.77	97 -0.44
SLM 230022 96124755 322		KRM 200047 SLM 200005	112 65	95 67	99 46	111 26	93 36	113 47	102 24	112 42	98 34	111 -0.05	104 0.40	88 22	95 15.9	99 7.8	101 107		98 31.7	102 142	97 -71	90 11.1	98 -4.1	94 -2.0	90 31.9	93 18	102 32	93 -0.05	95 -0.56	100 -0.31

Green: >120 High
White: 80-120 Average
Orange: <80 Low

Breeding values with an accuracy < 5% are not printed

LOGIX Hereford Genomic Analysis, SA Stud Book, September 2026 19 MOORCROFT SL & SONS PTY 31308

Breeding Values and Accuracies: Cows

Green: >120 High
White: 80-120 Average
Orange: <80 Low

Inbreeding in red is high

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

Animal				Selection Values								Birth		Wean				Growth			Fertility				Frame		Carcass			
Index EBV Acc	Inbreeding	Sire ID	Dam ID	Calv. Ease V	Calf Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	FCR	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	EMA	Fat	Marbling
ID Number Name																														
SLM 240038 97832018 PHYLLIDA 438	5	GH 190032	SLM 190018	99 66	110 68	91 50	89 30	96 39	93 50	123 20	97 44	116 30	100 0.78 75	100 0.58 47	112 46 30	110 22.3 68	91 5.2 50	95 95 49	113 41.6 36	117 198 33	108 -86 5	108 19.8 36	105 -8.7 45	88 -1.1 25	104 38.1 47	118 33 37	119 49 36	117 1.81 31	88 -1.23 29	117 0.53 29
SLM 250007 6020435134 PHYLLIDA 507		KRM 200047	SLM 180004	110 67	103 67	96 46	104 26	108 36	113 48	106 24	114 43	103 34	108 0.19 76	106 0.32 47	95 29 26	103 19.3 67	96 6.7 46	101 107 46	104 35.9 32	107 159 35	101 -76 8	93 12.4 39	114 -15.3 40	102 -3.3 23	93 32.9 46	97 20 40	105 36 39	98 0.39 35	96 -0.46 32	106 -0.01 32
SLM 250011 6020219207 BANGLE 511		KRM 200047	SLM 200005	113 65	104 68	98 47	106 26	93 36	110 48	108 24	111 43	105 34	113 -0.22 75	101 0.54 44	94 27 26	104 19.5 68	98 7.3 47	104 113 47	105 36.1 31	109 167 35	102 -77 8	97 14.2 40	95 -2.3 40	96 -2.4 23	90 31.7 45	100 22 41	109 40 39	100 0.50 35	95 -0.50 33	102 -0.17 32
SLM 250012 6020434475 CAROLINE 512	4	GH 190032	SLM 210027	101 66	93 67	97 47	103 29	84 38	94 49	97 21	94 43	94 30	103 0.58 75	98 0.65 47	96 30 29	93 15.0 67	97 7.0 47	94 90 48	95 29.6 36	94 111 33	93 -66 6	97 14.6 36	91 0.4 44	83 -0.2 23	99 35.9 47	100 23 36	99 29 35	97 0.27 31	97 -0.29 29	109 0.13 28
SLM 250013 6020219215 DOWAGER 513	6	GH 190032	SLM 130024	110 69	71 71	102 51	118 30	99 40	95 52	80 22	91 46	76 30	110 0.03 77	101 0.52 52	82 15 30	71 5.6 71	102 8.6 51	86 74 51	77 18.0 37	79 56 33	83 -54 8	83 7.3 36	112 -14.1 45	91 -1.5 26	88 30.8 50	82 11 37	77 9 36	76 -1.32 31	99 -0.10 29	95 -0.54 28
SLM 250014 6020219223 CAROLINE 514	4	GH 190032	SLM 180020	111 66	75 68	99 49	114 29	88 38	89 49	82 21	86 43	78 30	109 0.07 75	104 0.39 48	85 18 29	75 7.4 68	99 7.6 49	85 72 49	79 19.6 36	80 57 33	81 -50 6	84 7.7 36	97 -3.8 44	81 0.0 24	102 37.3 47	85 13 36	82 13 35	81 -0.90 31	96 -0.44 29	103 -0.16 28
SLM 250016 6020219199 CAROLINE 516		KRM 200047	SLM 140018	111 67	100 58	110 47	106 28	99 36	118 46	102 24	118 42	103 36	110 0.02 76	103 0.43 48	93 26 28	100 18.1 58	110 10.8 47	112 132 44	104 35.6 32	106 155 36	105 -82 9	91 11.4 41	108 -11.4 39	93 -1.9 23	90 31.9 45	91 17 42	104 35 40	97 0.29 37	108 0.76 34	107 0.05 34
SLM 250023 6020219348 PHYLLIDA 523		KRM 200047	SLM 190018	106 65	110 68	99 48	96 26	102 37	107 48	121 24	111 43	114 34	104 0.49 75	106 0.34 44	104 37 26	110 22.2 68	99 7.6 48	105 116 47	114 41.8 32	120 208 35	108 -86 8	98 14.9 39	107 -10.5 41	99 -2.8 24	92 32.8 46	105 25 40	116 47 39	109 1.19 35	89 -1.11 32	111 0.23 32
SLM 250025 6020213648 CAROLINE 525		KRM 200047	SLM 160003	112 66	103 69	103 50	107 28	102 38	118 50	108 26	119 45	108 36	113 -0.17 75	101 0.54 48	92 26 28	103 19.1 69	103 8.9 50	109 124 49	104 35.7 34	109 167 37	104 -81 10	102 16.7 41	109 -12.0 42	98 -2.5 26	91 32.0 47	104 25 42	112 43 40	101 0.60 37	108 0.72 34	112 0.27 33
SLM 250040 6020213689 DORET 540	14	GH 190032	SLM 200108	108 66	94 69	90 51	112 36	94 38	103 52	99 24	103 46	97 37	107 0.23 75	103 0.45 48	88 22 36	94 15.6 69	90 5.0 51	92 87 52	96 30.6 42	96 117 40	92 -65 6	102 16.7 43	108 -11.0 44	82 -0.2 24	98 35.5 46	104 25 43	103 33 42	100 0.51 38	97 -0.31 36	106 0.02 35
SLM 250042 6020431414 PHYLLIDA 542	4	GH 190032	SLM 160030	112 65	85 67	89 46	111 30	95 39	97 49	90 21	95 43	86 31	110 0.05 74	106 0.31 46	89 23 30	85 11.8 67	89 4.6 46	83 67 48	89 25.6 36	85 77 34	83 -53 5	91 11.5 37	113 -14.5 44	81 0.1 25	96 34.4 48	95 19 37	90 21 36	88 -0.39 32	97 -0.35 30	103 -0.15 29

Selection List on Cow Value

Bulls 2 years and older

ID	Name	Sire ID	Dam ID	% Inbreeding	Polled HH: Horned, PcPc: Polled, PcH: Polled horn carrier	Myostatin nt821	Q204X	F94L	Genomic tested	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	KRM 200047	BENCHMARK 200047	BH 140034	KRM 130087	2.0	PcH	0	0	0	6	123	91	100	92	100	84	112	82	92	72	123	83	115	82	125	83
2	SLM 240015	SHOWMAN	KRM 200047	SLM 160003	0.4	HH	0	0	0	6	116	67	99	68	105	50	107	28	103	38	122	49	107	26	122	44
										★★★★★																
1	SLM 230001	SLM 230001	81E	SLM 190025	1.4	PcH	0	0	0	6	108	64	93	51	104	39	106	19	104	36	113	40				
2	SLM 230013	REACHER	BR234F	SLM 150021	0.0	HH	0	0	0	6	116	86	110	86	103	82	96	81	108	67	119	79	114	80	120	79
3	SLM 230035	RAINMAKER	KRM 200047	SLM 120036	0.0	HH	0	0	0	6	102	87	107	87	114	84	82	82	106	68	110	80	132	82	115	80
										★★★★★																
1	SLM 220030	SLM 220030	43092364	SLM 170014	4.0						106	68	96	68	113	53	98	33	96	43	108	52	96	22	107	46
2	SLM 220034	SLM 220034	43092364	SLM 170027	0.8						99	67	103	53	115	48	96	32	97	42	103	47	96	22	103	42
3	SLM 230002	REVOLVER	81E	SLM 190012	1.3	PcH	0	0	0	6	106	65	94	68	99	43	109	20	99	36	109	46				
4	SLM 230008	RYDER	81E	SLM 190019	0.4	HH	0	0	0	6	100	85	86	85	108	81	114	79	106	67	106	78	91	80	104	78
5	SLM 230009	RADIANT	382	SLM 150002	0.0	HH	0	0	0	6	108	63	81	67	93	40	128	17	105	32	105	44				
6	SLM 230010	RORY	382	SLM 160003	0.0	HH	0	0	0	6	109	63	86	66	103	42	118	17	95	33	109	44				
7	SLM 230017	RENOWN	81E	SLM 130024	0.8	PcH	0	0	0	6	105	68	84	70	111	45	111	21	103	38	107	48				
8	SLM 230028	ROBERT	KRM 200047	SLM 200106	0.1	HH	0	0	0	6	97	86	96	86	106	83	96	82	94	68	100	80	99	82	99	80
9	SLM 240020	SUPERSTITION	GH 190032	SLM 150021	5.7	HH	0	0	0	6	111	68	86	70	93	51	111	29	97	39	101	51	93	20	100	45
10	SLM 240021	SHOCKWAVE	KRM 200047	SLM 180020	0.5	PcH	0	0	0	6	111	66	105	68	99	47	100	25	95	36	107	48	109	24	109	43
11	SLM 240032	SIMON	KRM 200047	KJA 160011	0.3	HH	0	0	0	6	114	67	110	72	85	48	110	31	87	36	101	51	109	26	102	46
12	SLM 240039	SINCLAIR	KRM 200047	SLM 200106	0.1	HH	0	0	0	6	116	55	88	69	102	48	103	35	97	36	109	49	99	28	109	45
13	SLM 240048	SLM 240048		SLM 180004	0.0						111	60	90	31	91	33	105	13	89	26	101	31				
										★★★★																
1	SLM 230016	RASSIE	382	SLM 190005	0.0	HH	0	0	0	6	102	61	80	65	88	38	127	13	96	31	90	41				
2	SLM 230021	RUGER	81E	KJA 150038	0.4	PcH	0	0	0	6	111	67	80	70	104	47	121	32	82	36	98	50				
3	SLM 240007	SULLIVAN	GH 190032	SLM 210004	4.0	HH	0	0	0	6	101	64	97	64	90	43	108	28	99	34	99	46	98	20	99	41
4	SLM 240008	SLM 240008	GH 190032	KJA 150043	4.2						112	68	84	53	91	45	111	34	91	39	95	47	91	26	94	43
5	SLM 240011	SLM 240011		SLM 200003	0.0						106	58	88	29	89	31	113	10	85	24	95	29				

Selection List on Cow Value

Bulls 2 years and older

ID Sorted on ID			Name	Sire ID	Dam ID	% Inbreeding	Polled HH:Horned, PcPc:Polled, PcH: Polled horn carrier	Myostatin				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								
								nt821	Q204X	F94L	Genomic tested																
												★★★★															
6	SLM 240019	SLM 240019	GH 190032	SLM 160005	6.5							107	67	90	54	87	48	105	31	99	40	97	47	97	21	96	42
												★★★★☆															
1	GH 190032	MIKE 932	SLM 140006	GH 150063	2.3	HH	0	0	0	🔍	112	85	84	89	88	68	108	54	79	55	87	69	102	38	88	63	
2	HC02827131	GH NEON 17N	HC02795590	HC02764428	8.2						104	93	98	95	68	89	107	57	88	76	83	79	89	31	82	69	
3	SLM 230019	RESILIENT	382	SLM 150019	0.0	HH	0	0	0	🔍	99	63	84	67	83	39	129	12	91	32	88	42					
												★★★															
1	SLM 220007	SLM 220007	SLM G 0004	SLM 160005	1.0						123	68	58	69	71	57	139	33	104	49	79	54	56	24	72	48	
												★★★															
1	SLM 220006	SLM 220006	SLM G 0004	SLM 120036	1.3						104	69	66	71	77	58	126	31	94	48	69	54	66	22	65	48	

Selection List on Cow Value

Cows 2 years and older

ID Sorted on ID			Name	Sire ID	Dam ID	% Inbreeding	Polled HH: Horned, PcPc: Polled, PcH: Polled horn carrier	Myostatin nt821	Q204X	F94L	Genomic tested	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	SLM 230024	CAROLINE 324		KRM 200047	SLM 140018	0.0	HH	0	0	0		119	67	95	69	113	47	106	28	99	36	124	49	100	24	123	44	
												★★★★★																
1	SLM 140016	THRUSH 108TH		43092364	SLM 090039	0.0						113	81	99	75	134	71	88	31	95	54	113	60	96	22	112	52	
2	SLM 140018	CAROLINE 269		43092364	SLM 090031	0.0	HH	0	0	0		108	82	97	74	122	69	100	32	106	53	115	60	89	22	113	52	
3	SLM 150002	502		SLM 120030	SLM 050006	1.2						109	78	84	75	90	71	119	32	132	56	110	60	80	24	106	53	
4	SLM 150021	521		SLM 120030	SLM 100026	25.9						107	81	100	75	95	74	110	22	114	55	113	58					
5	SLM 160003	603		SLM 120030	SLM 050006	1.2						108	81	91	68	111	75	107	32	112	58	118	59	93	24	117	52	
6	SLM 190013	190013		SLM 120030	SLM 160003	26.1						104	75	102	59	104	64	99	23	115	54	115	52					
7	SLM 210004	SLM 210004		382	SLM 170029	0.0						98	67	94	53	98	51	117	14	117	38	113	42					
8	SLM 230003	303		81E	SLM 190013	0.6	HH	0	0	0		107	65	97	66	107	40	105	20	100	36	114	45					
9	SLM 230020	320		KRM 200047	SLM 160025	0.6	HH	0	0	0		109	66	88	68	103	47	114	25	102	37	113	48	93	24	112	43	
10	SLM 230022	322		KRM 200047	SLM 200005	0.5	HH	0	0	0		112	65	95	67	99	46	111	26	93	36	113	47	102	24	112	42	
11	SLM 230029	329		KRM 200047	SLM 170014	0.4	PcH	0	0	0		115	66	103	68	97	49	105	27	102	37	115	49	106	24	115	44	
12	SLM 230030	330		KRM 200047	SLM 190016	0.4	PcH	0	0	0		117	66	101	68	110	49	100	26	94	36	118	48	109	24	119	43	
13	SLM 240022	THRUSH 422		KRM 200047	SLM 140016	0.0	PcH	0	0	0		116	67	100	70	117	48	98	28	94	36	117	49	107	24	117	44	
												★★★★★																
1	SLM 090031	CAROLINE 235TH		SLM 050039	SLM 060010	1.8						101	86	75	79	118	81	114	23	119	57	105	62					
2	SLM 120036	THRUSH 99TH		GAH138W(RE)	SLM 090039	0.0	HH	0	0	0		101	81	92	73	110	71	95	14	98	50	105	55					
3	SLM 130011	THRUSH 102ND		47R	SLM 060004	0.0						106	81	80	72	103	60	118	32	102	55	102	58	72	24	97	51	
4	SLM 130024	DOWAGER 85TH		SLM 050039	SLM 070002	1.4						105	84	66	78	114	75	123	27	120	57	102	61	64	20	95	53	
5	SLM 160025	625		SLM 120030	SLM 120045	14.2						98	77	94	64	102	68	101	22	111	55	109	54					
6	SLM 160030	630		SLM 120030	SLM 130019	3.0						106	74	93	60	87	60	106	24	111	55	105	52					
7	SLM 170014	714		SLM 120030	SLM 080009	4.4						99	79	99	67	93	74	101	28	111	56	102	57	95	20	101	50	
8	SLM 170029	729		SLM 120030	SLM 120020	5.5						93	78	108	64	86	70	102	26	134	56	100	55	96	20	99	48	
9	SLM 180004	SYFERPAN 804		SLM 120030	SLM 090007	6.9						103	80	106	62	93	65	93	25	124	52	109	54					
10	SLM 180020	SYFERPAN 820		SLM 120030	SLM 130044	1.4						102	77	92	64	102	68	103	20	96	53	101	53					
11	SLM 190016	190016		SLM 120030	SLM 140016	2.7						107	77	105	66	118	73	89	23	96	51	109	55					
12	SLM 190019	190019		SLM 120030	SLM 130011	3.3						97	77	97	66	96	72	105	23	117	53	107	55					

Selection List on Cow Value

Cows 2 years and older

ID			Name	Sire ID	Dam ID	Polled HH:Horned, PcPc:Polled, PcH: Polled horn carrier					Myostatin nt821 Q204X F94L Genomic tested			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					
Sorted on ID																										
											★★★★☆															
13	SLM 190025	SLM 190025	SLM 120030	SLM 160005	27.7						103	68	103	58	93	62	97	21	121	53	109	49				
14	SLM 200003	200003	SLM 120030	SLM 120007	1.4						101	77	99	57	91	63	107	20	116	48	106	50				
15	SLM 200005	200005	SLM 120030	SLM 130018	2.6						102	75	97	61	97	67	105	24	94	51	100	52				
16	SLM 200103	200103	KJA 170027	KJA 160004	5.1						109	74	100	63	114	66	94	41	80	48	102	56	94	32	101	51
17	SLM 200108	200108	SLM 140006	KJA 160011	2.2						105	78	105	69	92	74	113	48	108	51	108	62	99	30	108	56
18	SLM 210025	CAROLINE 2125	SLM 120030	SLM 090031	4.1						96	76	95	59	101	59	104	20	109	51	105	50				
19	SLM 220003	SLM 220003	SLM 120030	SLM 180020	26.2						98	64	102	54	99	55	99	19	104	47	100	45				
20	SLM 220020	SLM 220020	382	SLM 190016	2.3						110	62	88	66	107	40	114	12	87	30	109	42				
21	SLM 230011	311	382	SLM 140016	4.7	HH	0	0	0	🇬🇪	104	64	93	67	112	40	109	17	86	31	107	44				
22	SLM 230023	323	KRM 200047	SLM 200103	0.3	PcH	0	0	0	🇬🇪	112	65	104	67	106	46	101	31	86	35	109	49	107	27	110	45
23	SLM 240018	PHYLLIDA 418	KRM 200047	SLM 190012	1.0	HH	0	0	0	🇬🇪	106	66	103	68	92	48	109	26	103	37	107	48	101	24	107	43
24	SLM 240029	THRUSH 429	KRM 200047	SLM 160016	0.5						113	85	102	85	95	81	99	80	97	67	107	78	99	80	107	78
25	SLM 240031	THRUSH 431	KRM 200047	SLM 190019	0.4	HH	0	0	0	🇬🇪	100	86	104	86	98	83	104	82	112	68	107	80	94	82	106	80
26	SLM 240033	BANGLE 433	KRM 200047	SLM 160010	0.5	HH	0	0	0	🇬🇪	112	67	102	69	93	48	109	25	90	37	107	49	104	24	107	44
27	SLM 240034	CAROLINE 434	GH 190032	SLM 140018	9.0	HH	0	0	0	🇬🇪	111	68	88	70	106	49	105	31	93	39	108	51	94	22	107	45
											★★★★															
1	KJA 130023	DALEEN 323	SLM 090019	KJA 050028	0.0						117	83	82	79	101	80	96	57	87	60	98	70	78	41	94	64
2	KJA 150038	KJA 150038	SLM 100002	KJA 110028	2.9						108	81	84	72	92	79	125	54	77	53	93	66	85	24	90	58
3	SLM 130043	THRUSH 106TH	SLM 070020	SLM 090039	0.7						104	78	90	73	107	59	98	28	74	57	94	57	94	20	93	50
4	SLM 160010	610	SLM 120030	SLM 120016	1.1						102	79	99	65	88	71	108	22	86	53	92	55				
5	SLM 160016	616	SLM 120030	SLM 130014	4.8						102	76	87	61	97	67	107	21	103	54	98	52				
6	SLM 190005	190005	SLM 120030	SLM 130018	2.6						99	75	95	61	79	67	108	24	115	53	96	53				
7	SLM 190009	190009	SLM 120030	SLM 150019	26.1						92	73	102	57	84	55	105	20	113	53	94	49				
8	SLM 190012	190012	SLM 120030	SLM 070015	14.5						97	76	104	65	85	70	105	26	113	54	98	55				
9	SLM 190018	190018	SLM 120030	SLM 090007	6.9						88	87	123	85	97	85	79	80	112	76	96	80	133	80	101	80
10	SLM 200106	200106	SLM 140006	KJA 130044	1.4						102	74	92	68	98	72	91	53	100	52	99	62	89	32	97	56
11	SLM 210027	SLM 210027	SLM 120030	SLM 130044	1.4						97	75	95	61	108	63	101	20	90	51	99	51				
12	SLM 230005	SLM 230005		SLM 200003	0.0						104	58	89	29	88	31	113	10	85	24	94	29				
13	SLM 230014	314	382	SLM 180020	0.0	HH	0	0	0	🇬🇪	103	62	84	49	98	37	121	11	86	30	96	37				
14	SLM 230015	315	382	SLM 160016	0.0	HH	0	0	0	🇬🇪	102	62	84	65	95	38	122	11	90	31	96	41				

Selection List on Cow Value

Cows 2 years and older

ID		Name	Sire ID	Dam ID	% Inbreeding	Polled HH: Horned, PcPc: Polled, PcH: Polled horn carrier	Myostatin				Calving Ease Value	Calf Growth Value	Milk Value	Maint. Value	Fertility Value	Cow Value	Growth Value	Prod Value								
Sorted on ID							nt821	Q204X	F94L	Genomic tested	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc								
										★★★★																
15	SLM 230031	SLM 230031		SLM 180004	0.0					102	59	94	31	88	33	105	13	89	26	96	31					
16	SLM 240035	BANGLE 435	GH 190032	SLM 190005	4.2	HH	0	0	0		107	66	84	68	85	48	114	30	97	38	91	49	88	21	89	43
17	SLM 240038	PHYLLIDA 438	GH 190032	SLM 190018	5.1	HH	0	0	0		99	66	110	68	91	50	89	30	96	39	93	50	123	20	97	44
										★★★★☆																
1	KJA 160011	DORET	47R	KJA 110035	0.0					102	77	106	75	71	71	119	40	81	53	82	61	93	26	81	54	
2	SLM 150019	519	SLM 120030	SLM 100029	1.2					90	79	91	73	71	69	117	21	104	56	82	57	69	20	77	50	
										★★★★																
1	SLM 130044	CAROLINE 268TH	SLM 050039	SLM 070043	1.6					101	81	76	75	113	69	110	23	69	56	79	58					

Selection List on Cow Value

Bull Calves younger than 2 years

ID Sorted on ID	Name	Sire ID	Dam ID	% Inbreeding HH: Horned, PcPc: Polled, PcH: Polled horn carrier	Polled nt821	Myostatin Q204X	F94L	Genomic tested	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	SLM 250018	THUNDER 518	KRM 200047	SLM 210025	0.4												
1	SLM 250008	TITANIUM 508	KRM 200047	KJA 150038	1.0												
2	SLM 250009	TRIGGER 509	KRM 200047	SLM 190025	0.6												
3	SLM 250017	TIGER 517	KRM 200047	SLM 190019	0.4												
4	SLM 250024	HARRY 524	KRM 200047	SLM 170029	0.6												
5	SLM 250041	TIMBER 541	KRM 200047	SLM 150021	0.8												
1	SLM 250021	TEXAS 521	GH 190032	SLM 200003	3.3												
2	SLM 250027	TITAN 527	GH 190032	SLM 190016	7.1												
3	SLM 250030	THOR 530	KRM 200047	SLM 170014	0.4												
1	SLM 250020	TRUCKER 520	GH 190032	SLM 220003	5.1												
2	SLM 250028	THUNDER 528	GH 190032	SLM 160010	4.0												
1	SLM 250015	TRAILBLAZER 515	GH 190032	SLM 200103	3.2												

Selection List on Cow Value

Heifers younger than 2 years

ID Sorted on ID			Name	Sire ID	Dam ID	% Inbreeding	Polled HH: Horned, PcPc: Polled, PcH: Polled horn carrier	Myostatin nt821	Q204X	F94L	Genomic tested	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	SLM 250007	PHYLLIDA 507	KRM 200047	SLM 180004	0.4							110	67	103	67	96	46	104	26	108	36	113	48	106	24	114	43	
2	SLM 250011	BANGLE 511	KRM 200047	SLM 200005	0.5							113	65	104	68	98	47	106	26	93	36	110	48	108	24	111	43	
3	SLM 250016	CAROLINE 516	KRM 200047	SLM 140018	0.0							111	67	100	58	110	47	106	28	99	36	118	46	102	24	118	42	
4	SLM 250025	CAROLINE 525	KRM 200047	SLM 160003	0.4							112	66	103	69	103	50	107	28	102	38	118	50	108	26	119	45	
												★★★★☆																
1	SLM 250023	PHYLLIDA 523	KRM 200047	SLM 190018	0.4							106	65	110	68	99	48	96	26	102	37	107	48	121	24	111	43	
2	SLM 250040	DORET 540	GH 190032	SLM 200108	14.3							108	66	94	69	90	51	112	36	94	38	103	52	99	24	103	46	
												★★★★																
1	SLM 250012	CAROLINE 512	GH 190032	SLM 210027	4.5							101	66	93	67	97	47	103	29	84	38	94	49	97	21	94	43	
2	SLM 250013	DOWAGER 513	GH 190032	SLM 130024	5.5							110	69	71	71	102	51	118	30	99	40	95	52	80	22	91	46	
3	SLM 250042	PHYLLIDA 542	GH 190032	SLM 160030	3.9							112	65	85	67	89	46	111	30	95	39	97	49	90	21	95	43	
												★★★★☆																
1	SLM 250014	CAROLINE 514	GH 190032	SLM 180020	4.5							111	66	75	68	99	49	114	29	88	38	89	49	82	21	86	43	

Notes on the interpretation of EBVs, EBVi's, sub-values and selection values

EBVi (EBVindex) is the breeding value index and is easier to interpret than the breeding value, especially for commercial farmers buying from stud farmers. The base of a breeding value index is 100, which is the average of all the live animals in the breed, and all values are expressed relative to this value. Values above 100 are always in a more desirable direction: an index of 105 for AFC indicates a genetic potential to calve earlier. Note that a very high index is not always desirable. For certain traits, such as birth weight, average values can be better.

EBV: (Estimated Breeding Value) indicates the genetic potential of the animal for a specific trait. It is presented in the unit of measurement and relative to the average of animals born in the base year (1990 for most breeds and traits). Higher values for certain traits are better while lower values for other traits are better, for example, an EBV of -2 for AFC (age at first calving) indicates that the animal has the genetic potential to calve 2 days earlier than the average heifer in 1990 (the base year). Earlier calving is better and therefore low breeding values (high breeding value indices) are better. For weaning weight, higher values are better.

Sub-values combine similar breeding values in a scientific manner to simplify the selection of animals. For example, AFC (age at first calving) and ICP (inter-calving period) are combined to form the sub-value Fertility by taking the heritability and economic importance in consideration. The sub-value is expressed in an index format, thus an animal with a sub-value of 110 for Fertility will genetically be above average compared to the live animals in the breed.

Selection Values (Cow Value and Growth Value) combine the sub-values into a single value. This gives a quick and easy indication of the combined genetic value of an animal compared to the breed. It is advised to still look at the sub-values to see where the strengths and weaknesses lie.

How to use breeding values to select animals

Selecting animals on breeding values is easy if you know how. There is a common saying that “good nutrition can mask poor breeding”. This is very true. If an animal that is genetically inferior is fed well, it can appear as a great animal. This great performance will not be passed over to future generations. An animal that is genetically superior can appear to be inferior if its environment did not allow it to reach its true potential. It is best to select animals that are most adapted to the environment and can reach their full potential. To continuously adapt the environment to the animal can be expensive.

The reason why the use of breeding values is such a valuable tool is because it “removes” the environmental effect that contributes to the performance.

Scientific methods are used to determine how much of the performance is due to genetics and to identify genetically superior animals. This involves the measurement of animals under controlled environments, complete record keeping and pedigree information. *If performance recording and pedigree information are not done correctly, breeding values of these animals will not be useful.* Keep in mind that breeding is a long-term option: the effect of a bull selected/bought today will only show much later. If it is a good decision, his daughters will become part of the breeding herd and contribute to overall profitability in future.

Even if a bull is not perfect in all aspects, knowing the shortcomings will allow strategic selection with suitable cows. Traits are genetically correlated, meaning that a change in one trait can lead to a change in another. This change can be favourable or unfavourable. An increase in weaning weight can lead to an increase in birth weight, which can lead to calving difficulty. It is therefore advisable to not only select on a single trait. Take other traits in consideration to avoid negative effects.

How to improve the herd genetically

The first and most important aspect is to know what type of animal will improve the herd genetically. This can be determined through the following factors:

What happens to the calves? For example: used as replacement heifers, sold as stud animals or sold to commercial breeders who sell weaner calves.

How much feed is available? The availability of feed (or the hardness of the environment) determines the optimal frame size. If feed is abundant and the environment is less harsh, larger animals would be ideal. If not, medium framed animals would be ideal.

What is the genetics of the cow herd? Are they the wrong frame type, grow too slowly, do not have enough milk, etc.? Always aim to breed a calf that is superior to its dam.

Conclusion

Different types of bulls are suitable for different types of cows, environments and breeding objectives. Inbreeding should be avoided or limited as much as possible. Mating programs are available to aid in the pairing of bulls and cows.

The data used for this evaluation is pedigree information and performance data found on LOGIX as provided by breeders. All attempts are made to present accurate information. SA Stud Book takes no responsibility for the use and interpretation of information presented in this report.

