

ANGUS

GENOMIC BREEDING VALUE REPORT

September 2026



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EBVs, EBVi's and GEBVs

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

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

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

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

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



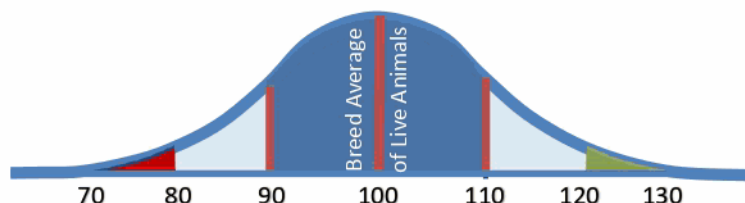
80% LOGIX Cow Value +
20% LOGIX Growth Value

LOGIX Carcass Value

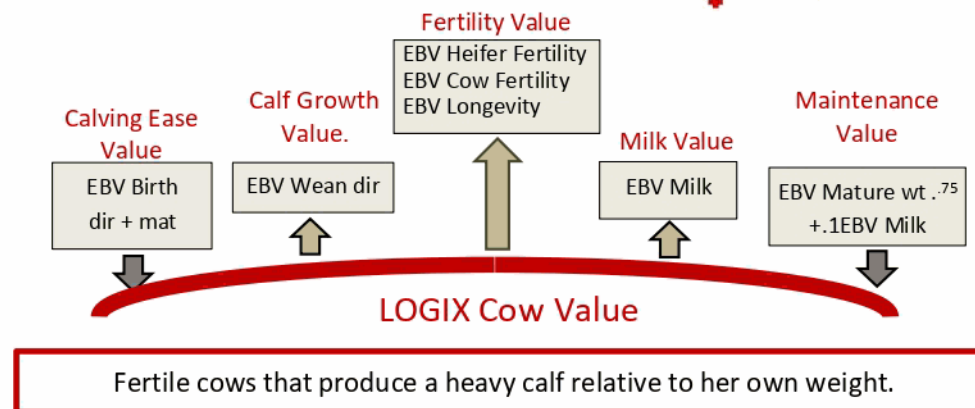


Select for more meat on the carcass as measured from end weight in Phase C and D Growth Tests and RTU scanning.

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)

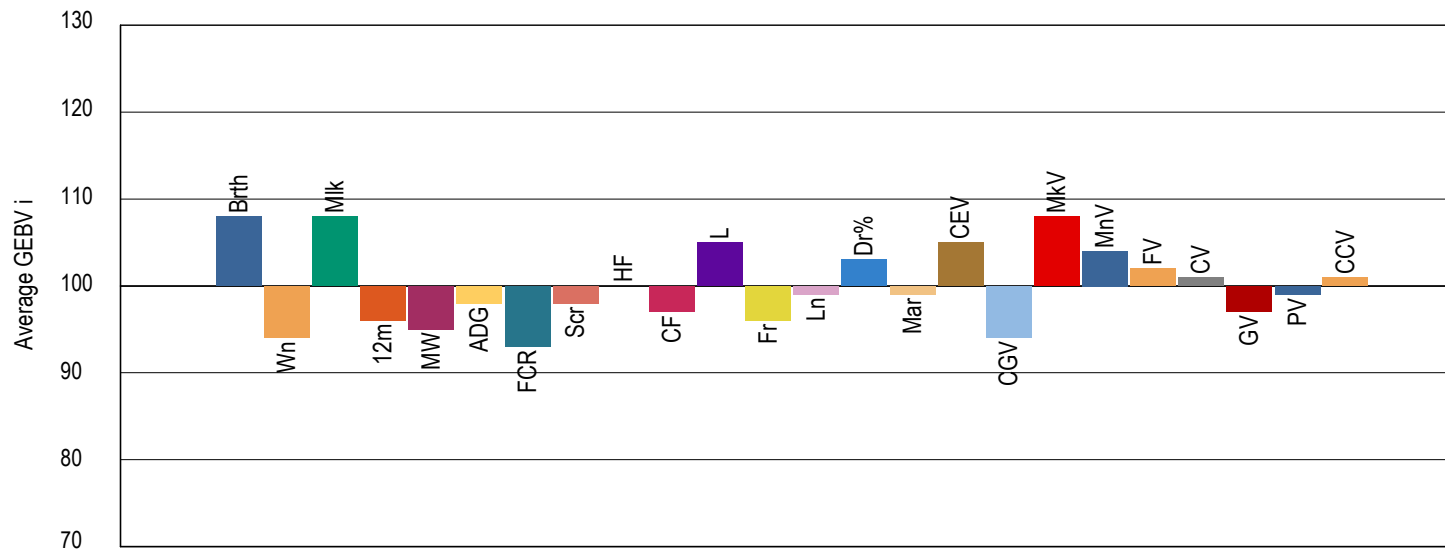
- Maintenance Value >110
 - Cow Value and Fertility Value average to high
- Lighter cows have a lower maintenance.

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	0.92	108	1.64
	Wean Weight	30.7	94	33.6
	Birth Mat.	0.34	99	0.30
	Milk (Wn.Mat.)	9.3	108	6.6
Postwean Growth	12m weight	62	96	65.1
	Mature Weight	59	95	65
	ADG	211	98	217
	FCR	-88	93	-100
Fertility	Scrotal Circumf.	19.8	98	20.5
	Heifer Fertility	-4.1	100	-4.3
	Cow Fertility	-1.9	97	-2.2
	Longevity	35.6	105	32.7
Frame	Frame score	0	96	0
	Length	48	99	49
Carcass	Dressing%	0.74	103	0.69
	Marbling	0.66	99	0.71

Selection Value	Ave. Herd
Calving Ease	105
Calf Growth	94
Milk	108
Maintenance	104
Fertility	102
Cow Value	101
Growth Value	97
Production Value	99
Carcass Value	101

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

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

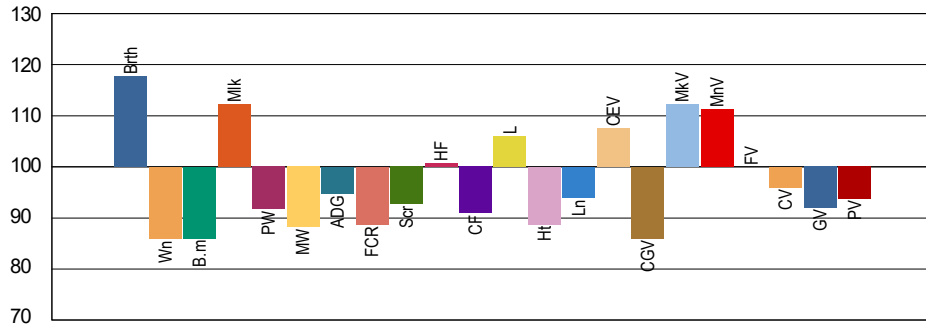
Calving ease:	Smaller calf at birth - easier calving
Calf growth:	Heavier calves at wean due to growth potential of the calf
Milk:	Cows with more milk and better mothering ability
Maintenance:	Animals with low maintenance requirements (lower mature weight).
Fertility:	Cows/daughters that calve earlier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

Genetic Windows

Bulls on the farm

Bulls born in 2023 and earlier

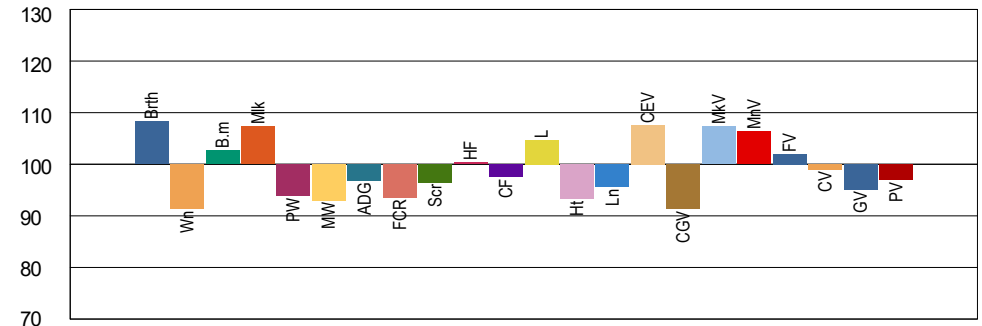
Total: 4



Cow Herd

Cows born in 2024 and earlier

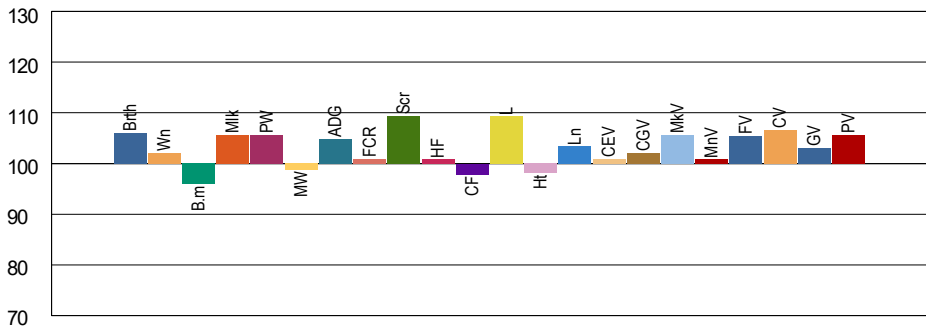
Total: 89



Sires of young animals

Sires of animals 3 years and younger

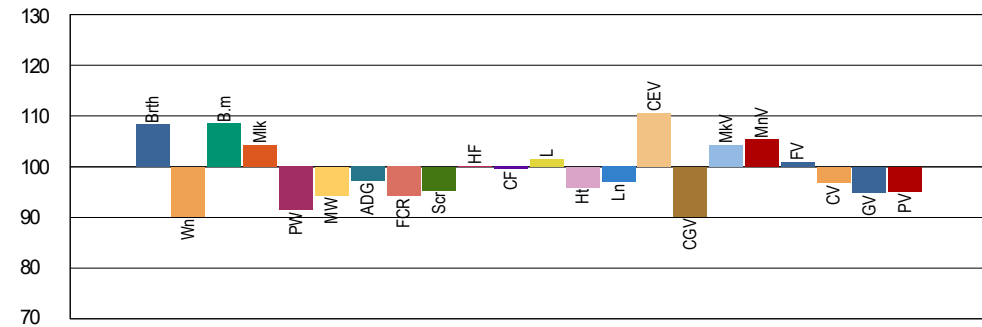
Total: 17



Cows older than 6 years

Cows born in 2020 and earlier

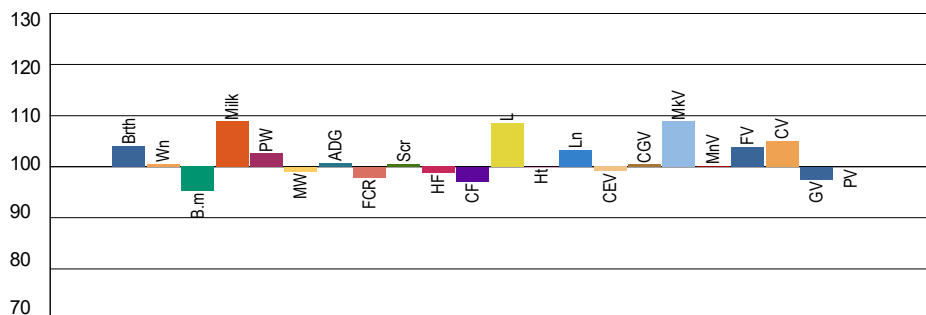
Total: 41



Bull calves

Bulls born in 2025

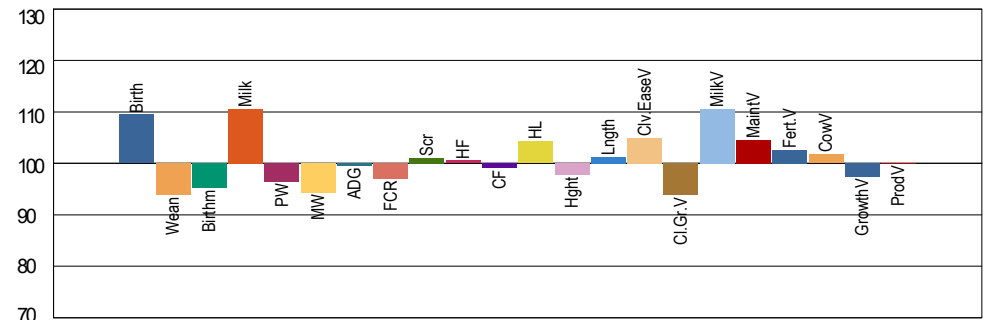
Total: 36



Heifer calves

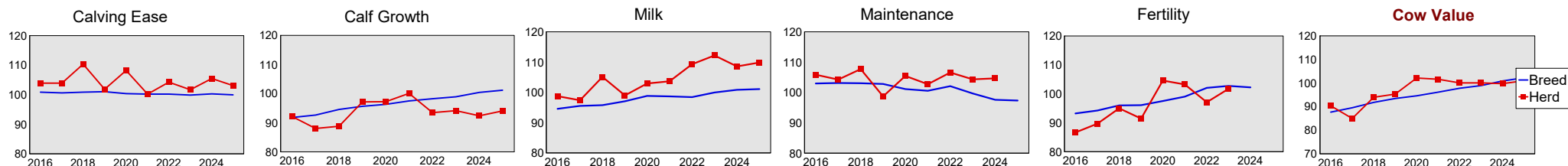
Heifers born in 2025

Total: 36



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.



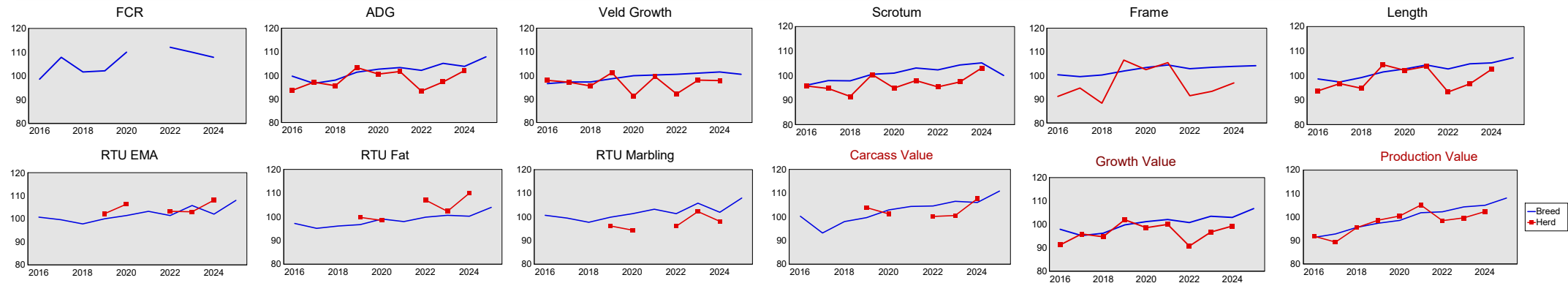
Herd

Birth Year	Calving Ease				Calf Growth			Milk		Maintenance						Fertility								Cow Value
	Birth Weight		Calv. Ease	Mat EBV	Weaning Weight		Calf Growth	Milk (Wn.Mat.)		Postwean Weight		Mature Weight		Mainte-nance	Heifer Fert.		Cow Fert.		Longevity		Ferti-lity			
	Number	Dir EBV			Number	EBV		Number	EBV	Number	EBV	Number	EBV		Number	EBV	Number	EBV	Number	EBV		Number	EBV	
2016	78	1.70	0.04	104	76	29.7	92	76	6.25	99	59	63.3	20	58	106	22	-2.4	15	-0.6	53	25.2	87	90	
2017	87	1.68	0.10	104	80	27.6	88	80	5.82	97	52	61.1	15	58	104	16	-2.6	16	-1.0	81	24.6	90	85	
2018	99	1.06	-0.02	110	99	28.0	89	99	8.24	105	69	60.6	20	51	108	21	-4.3	16	-1.5	84	26.4	95	94	
2019	90	1.63	0.16	102	89	32.2	97	89	6.35	99	52	72.2	17	66	99	34	-1.2	28	-1.6	77	28.0	91	95	
2020	109	1.21	0.08	108	95	32.2	97	95	7.59	103	51	66.8	19	52	105	17	-3.9	17	-3.1	95	31.0	105	102	
2021	93	1.64	0.37	100	87	33.7	100	87	7.79	104	67	71.0	29	58	103	28	-3.8	15	-2.6	80	31.8	103	102	
2022	94	1.11	0.38	104	84	30.3	93	84	9.55	109	73	66.6	20	49	107	28	-2.2	20	-1.6	48	32.2	97	100	
2023	110	1.13	0.51	102	110	30.7	94	110	10.46	112	80	69.4	21	62	104	27	-2.6					102	100	
2024	109	0.57	0.48	106	101	29.7	92	101	9.34	109	72	68.3			105								100	
2025	106	0.90	0.48	103	97	30.6	94	97	9.74	110													101	

Breed

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

Genetic Trends for Growth Test and Carcass Traits



Herd

Birth Year	Growth									Frame						Carcass						Selection Values						
	FCR			ADG			Veld Growth			Scrotum			Height			Length			EMA			Fat		Marbling		Carcass Value	Growth Value	Prod Value
	Number	EBV	EBVi	Number	EBV	EBVi	Number	EBV	EBVi	Number	EBV	EBVi	Number	EBV	EBVi	Number	EBV	EBVi	RTU Number	EBV	EBVi	EBV	EBVi	EBV	EBVi			
2017				30	207	97	21	70	97	30	18.2	95	30	0	95	30	46	97								96	89	
2018				41	201	96	28	65	96	41	16.7	91	41	-1	88	41	45	95								95	96	
2019				29	230	103	23	81	101	29	20.7	100	29	1	107	29	53	104	29	3.01	102	1.80	100	0.38	96	104	102	99
2020				33	220	101	18	52	91	33	18.2	95	33	0	102	33	51	102	33	3.40	106	1.64	98	0.23	94	101	99	100
2021				29	223	102	37	76	99	29	19.6	98	29	0	105	29	52	104									100	105
2022				38	192	93	64	55	92	38	18.4	95	38	-1	92	38	44	93	38	3.10	103	2.67	107	0.38	96	100	91	98
2023				38	207	97	42	72	98	38	19.4	97	38	-1	93	38	46	97	38	3.09	103	2.10	102	0.89	102	101	97	100
2024				38	225	102	34	71	98	38	21.9	103	38	0	97	38	51	103	38	3.57	108	3.05	110	0.54	98	108	99	102
2025																												

Breed

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

Percentile Table for Bulls (based on live animals)

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

Percentile Table for Cows (based on live animals)

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

Sires

Bull				Selection Values								Birth			Wean					Grwth & Adaptation					Fertility				Frame		Carcass				Progeny			
Index EBV Acc	Genomic	Sire ID	Dam ID	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass V	Cow wt brth	Birth wt	Cow-Calf birth	Cow wt wean	Wean wt	Wean mat	Comb. mat	Cow-Calf wn	12m wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Frame score	Length	EMA	Fat	Marbling	Dress %	Nr measured		
ID																																				Comp.nr	Birth	Wean
018A		T179		110	127	97	82	98	125	127	127	140	129	109	116	119	127	97	107	110	140	125	131	119	115	109	91	93	107	140	136	106	126	143	110	72	56	
Red		042Y		91	93	85	83	84	79	84	80	86	104	0.76	-3.3	86	47	5.6	19.4	160	104	311	165	-133	1.13	24.3	-0.1	-1.3	37	3	78	3.37	5.02	4.31	0.88	13	3	6
WFL MERLIN 018A													83	95	88	83	93	85		87	89	87	82	80	90	89	83	80	90	88	87	85	87	85	86			
055 JLG		2075		82	103	122	91	50	90	108	92	108	106	79	86	106	103	122	116	116	105	109	97	113	94	123	57	46	89	119	112	88	101	105	89	108	90	
Red		5002		87	94	79	75	59	72	46	67	72	74	3.64	0.1	70	35	13.5	20.8	179	70	251	70	-122	0.39	30.6	16.0	5.0	26	1	59	1.65	1.94	1.17	0.49	18	17	34
HAYCOW CUTTING EDGE 055													50	96	82	75	94	79		83	87	79	45	11	86	84	61	30	87	83	76	69	76	70	72			
127K		67G		96	106	97	98	115	107	107	107	120	100	96	99	101	106	97	100	102	104	106	77	102	112	113	102	107	117	107	107	114	113	104	115	135	104	
Red		8B		89	95	81	78	80	77	78	77	79	67	2.06	-1.3	63	37	5.7	16.0	139	69	240	12	-104	1.03	26.4	-5.1	-3.1	42	1	54	4.14	3.43	1.07	0.98	1		
RED BAR MM CONVOY 127K													78	97	85	78	95	81		85	84	79	78	80	80	78	78	84	79	79	79	79	79	79				
1684		1025		118	92	99	106	92	97	119	100	119	95	117	113	93	92	99	97	97	101	126	80	118	80	100	94	79	105	112	113	109	120	90	124	9	9	
Red		M288		68	75	62	52	46	56	33	51	53	60	0.05	-3.0	53	30	6.4	14.1	124	66	316	19	-130	-0.10	20.3	-1.4	0.5	35	1	60	3.63	4.31	-0.13	1.15	3	5	11
RED RUST NORTH DAKOTA 27B													25	77	62	52	75	62		63	65	54	47	10	63	60	47	24	66	58	51	50	56	50	53			
195D		DUA149A		116	92	128	123	109	117	88	112	105	84	117	103	75	92	128	116	129	89	82	99	73	109	115	116	83	115	61	81	118	112	70	118	301	255	
Red		DUA 90A		94	98	90	88	68	79	45	72	82	45	0.03	-1.8	30	29	15.4	20.0	213	54	150	76	-53	0.95	27.2	-11.8	0.0	41	-3	34	4.48	3.34	-1.84	1.03	31	45	88
RED U2 MALBEC 195D													62	98	92	88	98	90		92	93	86	64	3	91	89	79	38	86	89	84	80	85	80	82			
4083B		9921W		88	109	85	85	121	101	96	99	101	118	105	88	118	109	85	93	86	110	94	102	86	85	94	131	130	91	100	98	107	84	105	95	13	13	
Red		9008		70	76	64	57	43	57	35	53	58	89	1.18	0.0	84	38	2.1	14.1	96	74	195	84	-75	0.09	17.8	-19.0	-6.2	28	0	48	3.50	-0.09	1.11	0.60	6	4	17
LSF SRR SLEEP EASY 4083B													13	78	65	57	76	64		66	62	59	24	9	70	67	41	22	65	65	56	53	62	54	58			
6305		2114		121	89	135	114	114	119	113	119	114	92	133	105	83	89	135	120	128	109	109	134	104	69	108	107	77	133	83	93	115	131	131	118	119	89	
Red		Y11		87	94	81	80	54	72	54	68	74	56	-1.52	-2.1	40	28	17.7	21.2	211	74	253	175	-106	-0.50	24.0	-7.7	0.8	51	-1	43	4.20	5.63	3.35	1.02	14	19	38
9 MILE FRANCHISE 6305													63	96	84	80	94	81		85	85	76	43	29	84	79	62	24	77	80	74	71	77	72	74			
731C		Y118		108	124	103	82	110	127	109	125	127	120	99	116	119	124	103	110	112	118	117	89	114	114	157	91	110	115	99	124	115	112	108	116	168	119	
Red		309A		94	96	89	88	89	83	89	84	90	92	1.69	-3.3	85	46	7.5	20.2	167	82	281	47	-124	1.11	45.8	0.0	-3.6	41	0	68	4.24	3.33	1.40	1.00	18		
RRDS SENECA 731C													88	98	91	88	96	89		91	93	91	87	87	93	92	88	87	91	92	91	89	90	89	90			
9341		5507		107	69	81	116	117	71	100	73	103	88	170	137	86	69	81	77	65	75	112	84	109	112	120	117	111	107	76	95	94	105	91	95	21	20	
Red		XT074		85	88	80	79	81	75	82	76	84	51	-5.08	-5.8	43	18	0.8	6.5	37	41	263	32	-116	1.04	29.6	-12.3	-3.7	37	-2	45	2.25	2.39	-0.09	0.60	11		
CRUMP NEW DECADE 9341													79	89	83	79	88	80		82	85	85	82	78	88	87	79	79	84	86	84	84	85	84	84			
AV 170020		R240		93	131	94	87	100	124	128	127	123	111	72	98	114	131	94	106	113	127	121	104	123	128	112	89	107	102	134	130	148	101	84	145	95	89	
Red		AV 140019		87	94	78	69	64	72	60	70	82	81	4.26	-1.2	79	49	4.9	19.7	171	91	296	90	-139	1.61	25.7	0.6	-3.2	34	3	73	7.39	1.97	-0.65	1.54	32	12	16
AV170020													54	95	80	69	94	78		80	88	85	80	32	91	90	68	41	82	88	84	80	85	80	82			
AV 190115		195D		105	72	110	135	90	83	65	76	74	72	118	80	67	72	110	97	100	79	67	82	61	84	83	99	82	98	49	57	82	110	78	84	79	75	
Red		AV 140051		93	96	91	90	90	83	90	84	92	29	-0.06	0.9	19	19	9.8	13.0	133	45	93	27	-32	0.06	12.8	-3.8	0.2	31	-4	15	1.06	3.09	-1.15	0.38	20	9	13
AV190115													88	96	92	90	96	91		92	93	92	91	87	94	93	89	88	92	93	91	91	92	91	92			
CP 147724		CP 106312		148	66	100	121	100	87	101	88	84	82	143	140	79	66	100	89	81	74	102	107	107	93	77	108	111	88	113	97	72	91	98	73	14	13	
Red		CP 064974		78	83	72	63	55	64	42	60	42	42	-2.39	-6.1	35	17	6.7	10.0	81	40	225	98	-111	0.36	10.2	-8.0	-3.7	26	1	46	0.12	0.74	0.50	0.17	4	3	18
TOUCHSTONE 7724													37	85	72	63	83	72		73	73	59	27	24	69	66	55	35	74	64	56	39	44	40	42			
CP 168328		7120		107	123	95	90	78	115	126	118	114	114	86	121	111	123	95	104	109	122	131	124	132	137	116	73	75	101	161	133	106	95	73	105	33	32	
Red		CP 137410		84	88	80	69	56	69	41	63	65	84	2.93	-3.9	76	45	5.1	18.4	159	86	335	147	-155	1.92	27.5	8.5	1.1	33	5	75	3.37	1.23	-1.60	0.79	9	12	43
HARD DRIVE 6328													22	90	78	69	88	80		79	75	67	14	13	78	75	57	35	76	72	64	61	69	62	65			

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)	
DKF 55C		15A		97	121	94	91	123	123	130	126	136	110	72	100	110	121	94	103	108	130	131	136	125	106	107	134	121	99	152	134	111	112	106	113	266	223	
Red		21A		95	98	92	91	71	81	54	76	78	79	4.32	-1.5	74	44	4.8	18.0	155	94	335	182	-143	0.82	23.8	-20.2	-5.1	32	4	76	3.89	3.29	1.24	0.94	31	60	145
RED DKF RAZOR 55C													80	98	93	91	98	92		94	93	86	50	22	91	89	81	47	86	89	84	75	81	75	78			
DKFE8E		DKF 55C		112	85	90	104	113	89	91	87	92	91	96	115	96	85	90	88	82	92	102	114	109	115	136	115	102	109	114	87	83	115	79	86	134	108	
Red		ACE 84C		89	95	80	79	58	73	49	68	64	54	2.00	-3.2	57	26	3.5	11.0	85	57	224	118	-115	1.15	36.4	-11.4	-2.6	37	1	39	1.14	3.61	-1.06	0.41	26	21	30
RED DKF RACER 8E													56	97	85	79	95	80		85	87	83	26	14	90	88	67	30	78	87	81	61	68	62	64			
DUA 17G		137E		92	113	64	112	148	112	92	108	109	100	81	91	91	91	113	64	80	85	108	90	108	76	114	98	152	132	118	65	67	125	137	71	128	361	269
Red		DUA 113Z		96	98	93	93	91	85	91	86	92	66	3.40	-0.4	50	40	-4.8	10.2	93	73	178	100	-58	1.12	19.6	-28.9	-6.5	43	-3	23	5.19	6.36	-1.74	1.21	64	41	56
RED U2 TOWNSHIP 17G													89	99	95	93	98	93		95	96	94	89	87	96	96	91	87	94	95	94	91	93	92	92			
FW 140020		X22		112	93	113	110	104	106	85	101	96	95	119	102	88	93	113	106	110	89	85	97	80	115	89	100	122	91	88	86	87	118	102	90	9	9	
Red		FW 050057		74	79	68	61	48	60	44	57	34	59	-0.15	-1.7	47	30	10.8	17.2	162	55	162	70	-66	1.13	15.5	-4.2	-5.3	28	-1	38	1.51	3.99	0.87	0.49	3	4	12
FW140020													27	82	69	61	79	68		69	71	69	44	16	81	77	48	28	69	75	66	31	36	32	34			
FW 160008		KHC 120060		121	67	125	111	105	89	94	87	95	85	129	110	86	67	125	106	99	73	88	94	82	108	65	118	111	88	74	79	98	101	108	98	12	12	
Red		FW 080029		73	80	64	57	47	59	46	56	33	47	-1.08	-2.6	44	17	14.5	15.3	132	39	172	59	-69	0.90	5.1	-12.8	-3.8	26	-2	32	2.63	1.89	1.41	0.66	4	2	7
FW160008													24	83	66	57	80	64		67	69	72	33	18	82	79	41	28	71	77	69	31	35	31	33			
FW 160017		016		126	84	113	124	103	106	89	102	96	86	132	110	75	84	113	103	109	87	103	115	98	83	128	119	109	85	85	94	103	111	128	104	10	10	
Red		FW 120019		73	80	66	64	49	61	44	58	33	48	-1.36	-2.6	30	26	10.6	15.6	159	53	227	122	-97	0.02	33.1	-13.4	-3.5	24	-1	44	3.06	3.19	3.12	0.76	3	2	11
FW160017													45	82	69	64	80	66		70	70	69	29	16	80	77	47	29	71	74	66	31	35	31	33			
FW 170025		CP 147724		134	80	100	112	111	98	111	99	95	91	124	128	88	80	100	93	89	84	109	119	112	129	100	122	115	93	119	97	81	91	102	81	8	8	
Red		FW 150011		71	78	62	55	45	57	42	54	44	54	-0.61	-4.8	46	24	6.6	12.3	103	49	250	131	-121	1.65	20.3	-14.7	-4.2	29	1	47	0.98	0.69	0.85	0.33	2	1	5
FW170025													23	80	65	55	78	62		65	66	65	29	16	78	74	45	26	65	71	62	41	48	42	44			
FW 180043		WB 150441		114	95	105	89	108	101	127	106	132	115	124	112	111	95	105	102	96	106	116	115	104	120	73	102	122	96	100	114	104	120	107	108	10	6	
Red		FW 140003		72	77	63	59	45	58	45	55	55	87	-0.62	-2.8	75	31	8.3	15.8	123	71	276	122	-107	1.32	8.3	-5.4	-5.2	31	0	60	3.22	4.26	1.34	0.83	3	1	4
FW180043													27	82	67	59	77	63		66	67	69	35	19	80	77	42	28	65	74	66	52	58	52	55			
FW 190004		4083B		95	98	110	108	132	112	104	111	104	96	113	82	90	98	110	106	111	103	110	111	109	82	120	141	119	109	114	110	105	78	106	102	11	10	
Red		FW 120047		74	80	70	65	45	61	38	56	62	60	0.42	0.7	49	33	9.8	17.4	164	68	254	108	-115	-0.03	29.6	-23.5	-4.8	38	1	57	3.24	-0.85	1.25	0.72		8	15
FW190004													16	82	70	65	80	70		72	70	65	31	10	78	74	51	24	61	71	62	58	67	59	62			
FW 200004		1684		105	86	101	105	103	90	94	89	102	96	112	99	94	86	101	96	93	90	97	79	90	84	77	96	90	115	86	93	117	119	70	118	32	29	
Red		FW 110061		87	90	82	80	79	76	80	77	84	61	0.51	-1.3	54	27	7.0	13.6	114	55	208	18	-83	0.04	10.3	-2.4	-0.8	41	-1	44	4.41	4.11	-1.82	1.02	6		
FW200004													77	92	84	80	90	82		84	83	84	78	76	88	87	78	77	83	86	83	83	85	83	84			
FW 200005		VB 160004		128	88	102	102	117	104	83	99	101	95	125	123	97	88	102	97	94	81	87	65	86	125	94	118	99	114	98	88	90	117	115	93	8	8	
Red		FW 140012		71	78	64	61	43	58	54	57	70	60	-0.70	-4.2	58	28	7.4	14.2	117	46	169	-23	-76	1.49	17.9	-12.8	-2.2	40	0	39	1.81	3.92	1.94	0.55	5	2	4
FW200005													30	80	67	61	78	64		68	70	72	76	35	82	79	45	27	58	77	69	66	74	67	70			
FW 210022		DKFE8E		91	97	102	98	105	96	90	93	94	98	80	94	101	97	102	100	99	101	93	107	94	105	100	107	99	103	96	84	102	108	87	102	8	7	
Red		FW 110061		71	78	62	55	43	57	40	54	45	63	3.51	-0.8	63	32	7.3	15.5	130	66	191	97	-89	0.77	20.5	-7.8	-2.2	35	0	36	2.94	2.82	-0.37	0.73	1	2	2
FW210022													31	81	65	55	78	62		65	69	67	22	11	78	74	47	23	60	72	64	42	48	43	45			
FW 210059		RK 170060		89	107	107	99	95	105	115	107	111	106	95	90	100	107	107	107	111	110	114	102	112	91	106	78	90	114	91	102	122	92	117	120	10	11	
Red		FW 140019		70	79	60	50	41	56	44	54	64	74	2.07	-0.3	61	37	8.8	18.3	164	75	269	83	-121	0.29	23.3	6.0	-0.9										

Sires

Bull			Selection Values								Birth			Wean					Grwth & Adaptation					Fertility				Frame		Carcass				Progeny		
Index EBV Acc	Genomic	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass V	Cow wt brth	Birth wt	Cow-Calf birth	Cow wt wean	Wean wt	Wean mat	Comb. mat	Cow-Calf wn	12m wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Frame score	Length	EMA	Fat	Marbling	Dress %	Nr measured	
ID Comp.nr																																			Birth	Wean
FW 220013		DUA 17G	87	108	105	109	131	117	99	114	119	99	89	84	90	108	105	106	115	106	106	85	100	105	124	131	120	113	107	105	118	116	92	119	9	8
Red		FW 120047	72	79	63	58	43	58	42	55	68	65	2.65	0.4	49	37	8.4	18.0	175	70	241	33	-99	0.78	31.1	-18.6	-5.0	40	1	53	4.52	3.73	0.06	1.05	3	
FW220013												31	82	67	58	79	63		67	69	72	89	10	81	78	48	22	60	76	70	65	72	65	68		
FW 220031		DUA 17G	89	109	96	103	118	110	103	108	119	107	88	91	97	109	96	100	105	105	102	66	95	118	115	117	113	108	92	92	109	146	87	115	5	3
Red		FW 110010	70	75	62	57	43	56	41	53	63	75	2.77	-0.4	58	38	5.5	16.3	149	70	225	-19	-91	1.26	27.1	-12.1	-4.0	37	-1	43	3.68	7.44	-0.37	0.97		
FW220031												32	79	65	57	75	62		65	65	66	89	14	77	73	47	23	60	71	64	59	67	59	63		
FW 230016		J53	94	108	101	93	113	108	101	106	107	107	85	102	107	108	101	103	104	108	106	93	109	108	107	105	101	116	103	104	105	146	153	111	12	12
Red		FW 180037	63	77	46	37	30	48	35	45	54	75	3.06	-1.7	70	37	7.0	17.2	145	73	239	57	-116	0.89	23.8	-6.8	-2.3	42	0	52	3.31	7.39	5.21	0.89		
FW230016												14	80	52	37	77	46		53	52	56	26	11	72	67	26	16	49	63	53	49	59	50	54		
FW 230058		WE 190029	89	107	131	100	89	114	93	110	112	105	106	74	96	107	131	123	131	113	93	111	86	130	105	88	86	101	98	107	119	114	114	119	10	9
Red		FW 180084	68	78	55	49	37	54	38	51	62	72	1.11	1.6	57	37	16.2	23.2	219	78	189	108	-75	1.69	22.6	1.5	-0.3	33	0	54	4.61	3.51	1.92	1.06		
FW230058												22	81	60	49	78	55		61	61	63	39	12	75	71	38	21	53	69	60	58	66	59	62		
J53		NJWF37	89	109	105	97	120	112	113	113	115	105	93	92	102	109	105	106	109	113	114	107	116	85	114	111	110	118	117	117	113	118	132	115	5	5
Red		G291	80	81	78	76	78	71	77	72	78	73	2.30	-0.5	65	38	8.1	18.1	159	78	271	98	-127	0.08	26.8	-9.5	-3.6	42	1	62	4.08	4.03	3.46	0.97	2	4
MILWILLAH MARBLE BAR J53												76	82	78	76	81	78		78	78	78	76	79	78	77	76	80	78	77	77	78	77	78			
KHC 090028		JWB 050015	139	91	98	121	103	109	73	101	88	86	142	126	80	91	98	96	100	86	83	89	76	104	98	118	124	76	79	89	95	86	92	94	63	64
Red		KHC 010007	90	93	87	82	67	76	58	72	48	48	-2.30	-4.5	36	29	6.1	13.7	133	51	153	45	-58	0.76	19.5	-12.7	-5.5	20	-2	40	2.35	0.11	0.05	0.57	28	95
KHC090028												49	94	87	82	93	87		87	89	88	56	26	93	91	69	45	88	90	86	45	50	44	48		
KHC 100028		301570-1151	102	107	91	98	60	92	95	90	97	98	77	118	103	107	91	96	97	97	96	105	96	131	98	78	60	80	88	97	96	90	93	95	166	157
Red		JWB 020025	94	97	92	89	73	81	57	76	64	64	3.82	-3.5	65	37	3.7	14.8	126	62	202	91	-93	1.71	19.6	6.1	3.1	22	-1	47	2.39	0.57	0.14	0.59	58	145
KHC100028												32	97	92	89	97	92		93	93	92	48	21	96	95	77	48	93	94	91	60	67	60	64		
KHC 120060		KHC 080045	113	86	124	107	113	106	100	105	102	90	104	111	90	86	124	111	112	88	104	87	103	116	95	122	131	84	91	97	106	115	109	108	18	18
Red		CP 992852	79	85	71	65	53	65	52	62	42	53	1.27	-2.8	49	27	14.1	18.3	167	53	232	41	-104	1.18	18.2	-14.8	-6.4	24	-1	47	3.39	3.67	1.46	0.83	11	13
KHC1260												36	87	73	65	85	71		74	77	79	37	24	87	84	47	34	77	83	76	40	45	39	42		
KHC 150078		KHC 130005	150	66	116	122	111	98	81	93	82	75	143	147	77	66	116	99	95	66	85	86	82	78	93	110	117	98	81	76	103	98	89	102	18	18
Red		JWB 050034	80	85	75	68	52	66	52	63	41	34	-2.38	-7.0	33	17	11.7	13.4	121	32	161	38	-69	-0.16	17.5	-9.0	-4.5	32	-1	30	3.05	1.53	-0.23	0.72	8	30
KHC150078												33	87	75	68	85	75		76	76	76	40	27	85	82	50	35	72	80	73	39	43	39	41		
RK 160079		MLR 120584	127	78	100	127	116	98	84	94	80	74	137	108	74	78	100	93	93	74	88	76	82	87	63	102	132	102	92	88	94	66	93	90	38	34
Red		ESP 100009	82	89	75	74	51	68	73	69	74	32	-1.80	-2.4	28	22	6.7	11.9	114	40	174	7	-69	0.16	3.9	-5.4	-6.6	34	-1	40	2.25	-2.31	0.14	0.50	16	25
VICTORIOUS												42	91	79	74	89	75		79	80	80	41	64	88	86	51	28	75	84	77	70	77	70	74		
RK 170060		Y1334	77	113	102	92	80	98	114	101	117	117	91	78	107	113	102	106	108	120	111	115	111	95	106	64	86	102	100	106	105	103	135	105	25	23
Red		FW 110022	80	85	74	68	55	66	50	63	68	88	2.44	1.1	71	40	7.4	18.3	157	84	260	122	-118	0.44	23.2	12.4	-0.4	34	0	54	3.26	2.23	3.66	0.79	5	16
RED												53	87	75	68	85	74		76	79	75	24	23	84	81	60	32	74	79	73	65	72	65	68		
S008		019P	79	101	105	105	142	110	102	108	121	97	94	67	94	101	105	104	107	111	113	118	108	112	118	137	160	99	116	122	106	102	125	106	68	56
Red		124P	91	92	85	78	69	75	52	70	40	62	2.19	2.4	54	34	8.1	16.8	153	75	265	129	-114	1.03	28.5	-21.7	-10.4	32	1	66	3.36	2.09	2.80	0.81	6	63
MESSMER PACKER S008												51	95	86	78	92	85		85	84	71	39	33	78	76	71	44	91	75	69	38	43	38	40		
SBF 220004		DKF 55C	107	107	87	92	118	107	128	111	129	111	105	110	109	107	87	94	92	111	133	115	129	128	120	113	115	109	144	140	109	111	118	110	18	16
Red		KDL 180051	85	88	80	80	78	75	78	76	77	80	1.17	-2.6	74	37	2.4	13.9	111	75	342	121	-150	1.59	29.3	-10.4	-4.3	38	3	81	3.62	3.19	2.21	0.88		
SBF 220004												77	89	83	80	88	80		83	80	80	75	74	84	83	77	75	81	82	80	77	77	77	77		
VB 160004		LC 930900	98	93	92	92	98	86	79	82	92	100	102	102	109	93	92	92	86	91	85	79	84	144	124	114	82	99	79	78	84	98	84	84	35	32
Red		JAN 000777	85	88	79	76	61	71	74	72	72	66	1.47	-1.7	73	30	4.1	12.7	94	56	161	17	-73	2.18	31.3	-10.8	0.2	32	-2	32	1.22	1.60	-0.64	0.39	7	27
ARLINDA-ET																																				

Sires

Bull				Selection Values										Birth			Wean					Grwth & Adaptation					Fertility				Frame		Carcass				Progeny	
Index EBV Acc	ID	Comp.nr	Genomic	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass V	Cow wt brth	Birth wt	Cow-Calf birth	Cow wt wean	Wean wt	Wean mat	Comb. mat	Cow-Calf wn	12m wt	ADG	Veld growth	FCR	Skin Thickn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Frame score	Length	EMA	Fat	Marbling	Dress %	Nr measured	
																																					Birth	Wean
WB 130309 Red HOTSHOT				WB 090105 WB 060261	85	82	87	105	75	64	111	69	105	92	96	82	96	82	87	85	77	91	113	100	105	128	100	101	81	74	93	100	122	110	118	122	58	56
					87	92	83	81	67	75	52	70	74	56	2.00	0.6	56	24	2.6	9.8	71	56	267	76	-109	1.62	20.7	-4.9	0.3	18	-1	49	4.91	3.07	2.23	1.10	19	14
														55	93	85	81	92	83		85	86	85	53	19	88	89	68	45	87	88	83	71	77	71	74		45
WB 150441 Red DESTINATION			R240 WB 100034	92	102	96	95	91	94	127	99	129	112	99	95	105	102	96	98	97	114	119	98	110	88	81	95	105	86	88	110	121	131	92	124	46	45	
				85	91	80	76	63	72	59	69	76	81	1.73	-0.9	68	35	5.3	15.1	124	78	288	73	-117	0.19	11.9	-2.0	-2.9	25	-1	57	4.85	5.62	0.02	1.15	20	8	
													50	92	81	76	91	80		82	83	84	45	33	88	89	63	44	82	87	82	73	79	73	76		30	
WE 190029 Red WE190029			195D WE 160007	113	79	151	113	89	104	81	99	97	88	136	82	83	79	151	127	132	90	82	104	75	130	91	95	77	102	76	86	105	107	102	105	90	82	
				95	96	93	92	91	84	92	86	92	51	-1.74	0.7	39	23	22.5	22.6	224	56	149	88	-56	1.66	16.4	-1.9	0.9	34	-2	38	3.28	2.62	0.85	0.79	18	5	
													90	97	94	92	96	93		94	94	93	92	90	94	94	91	90	93	94	93	92	93	92		8		

Growth Tests

Animal					Weight		Conformation				Growth & Efficiency				Carcass				
Test Code	Sex	Test number	Sire ID	Cow Value	Wean dir	End-wt	Length	Height	Length/Height	Scrotum	Intake	ADG	FCR	Growth Value	EMA Eye muscle Area	Fat	Marbling	Dress %	Carcass Value
Test Station		ID	Dam ID																
202101 D11 M																			
KEYSER		FW 200004 90709528	 1684 FW 110061	90	86	94	93	86	114	77	89	97	90	94	117	119	70	118	102
				76	90	61 85	44 83	-1 86	1.23 84	10.3 87	0.69 76	208 84	-83 76	80	4.41 83	4.11 85	-1.82 83	1.02 84	84
202501 D11 M																			
KEYSER		FW 240002 97581482	FW 220013 FW 220060	110	102	99	93	98	92	97	95	92	86	90	91	101	94	92	104
				46	66	65 64	44 58	0 67	1.17 62	19.1 70	0.61 8	187 61	-76 8	36	1.93 56	1.95 64	0.17 56	0.53 60	60
		FW 240013 97582381	9341 FW 180057	86	78	90	87	71	134	109	95	98	94	92	100	89	75	99	91
				44	66	57 64	39 58	-2 68	1.27 63	24.6 71	0.62 8	211 61	-90 8	36	2.83 56	0.54 65	-1.40 56	0.67 60	60
		FW 240015 97581573	FW 220006 FW 220021	110	109	118	116	113	102	99	92	104	100	103	116	149	119	121	123
				43	65	83 63	62 58	1 67	1.20 62	20.3 70	0.65 10	231 61	-100 10	36	4.29 56	7.76 64	2.33 56	1.09 60	60
		FW 240033 97582514	018A FW 180072	117	110	115	112	110	101	117	91	108	105	110	118	109	123	118	119
				49	69	81 64	58 59	1 68	1.19 64	28.2 71	0.67 8	247 62	-108 8	36	4.51 54	2.92 63	2.68 55	1.03 58	58
		FW 240051 97582530	018A FW 170049	111	110	118	119	120	95	93	89	108	104	114	96	128	115	101	123
				50	70	83 65	64 60	2 69	1.18 64	17.5 71	0.69 7	248 63	-107 7	36	2.45 56	5.26 65	1.98 56	0.70 60	60
		FW 240067 97581953	AV 190115 FW 190083	91	90	79	71	64	121	84	107	78	73	78	78	113	95	81	88
				51	70	46 66	26 61	-3 70	1.24 66	13.2 72	0.48 11	135 64	-53 11	38	0.70 59	3.42 67	0.31 59	0.33 63	63
		FW 240073 97582019	WE 190029 FW 140054	104	101	102	104	97	111	110	101	100	99	93	114	102	98	113	102
				51	70	68 66	53 61	0 69	1.22 65	24.8 72	0.55 9	216 64	-98 9	38	4.15 58	2.08 66	0.54 58	0.94 62	62
		FW 240084 97582126	AV 170020 FW 170001	114	118	122	133	126	104	110	89	120	119	118	141	109	121	140	122
				52	70	88 67	75 63	2 71	1.20 67	24.8 73	0.70 17	295 65	-133 17	42	6.72 60	2.97 68	2.52 61	1.44 64	64
		FW 240085 97582134	AV 170020 FW 180023	112	104	119	122	128	86	110	100	114	117	122	140	99	93	138	114
				52	70	84 67	66 62	2 70	1.16 66	25.0 72	0.56 18	272 65	-129 18	42	6.67 58	1.67 66	0.09 59	1.40 62	62
		FW 240097 97582241	FW 200004 FW 210049	101	98	103	97	88	116	85	89	99	92	101	111	115	82	113	107
				45	67	69 64	46 58	-1 68	1.23 63	13.7 70	0.69 9	213 61	-86 9	36	3.90 56	3.62 65	-0.83 56	0.93 60	60

Breeding Values and Accuracies: Bulls

Inbreeding in red is high

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

Animal				Selection Value										Birth			Wean					Growth & Adaptation					Fertility				Frame		Carcass				
ID	% Inbreeding	Genomic Parentage	Index EBV Acc	Sire ID	Dam ID	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass V	Cow wt -brth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean wt	Wean mat	Comb mat	Cow-Calf wn	12m wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Frame score	Length	EMA	Fat	Marbling	Dress %
AV 190115 Red AV190115		 195D AV 140051				105 93	72 96	110 91	135 90	90 90	83 83	65 90	76 84	74 92	72 29 88	118 -0.06 96	80 0.9 92	67 19 90	72 19 96	110 9.8 91	97 13 92	100 133 92	79 45 93	67 93 92	82 27 91	61 -32 87	84 0.1 94	83 12.8 93	99 -3.8 89	82 0.2 88	98 31.4 92	49 -4 93	57 15 91	82 1.06 91	110 3.09 92	78 -1.15 91	84 0.38 92
WE 190029 Red WE190029		 195D WE 160007				113 95	79 96	151 93	113 92	89 91	104 84	81 92	99 86	97 92	88 51 90	136 -1.74 97	82 0.7 94	83 39 92	79 23 96	151 22.5 93	127 23 94	132 224 94	90 56 94	82 149 93	104 88 92	75 -56 90	130 1.7 94	91 16.4 94	95 -1.9 91	77 0.9 90	102 33.7 93	76 -2 94	86 38 93	105 3.28 92	107 2.62 93	102 0.85 93	105 0.79 92
FW 200004 Red FW200004		 1684 FW 110061				105 87	86 90	101 82	105 80	103 79	90 76	94 80	89 77	102 84	96 61 77	112 0.51 92	99 -1.3 84	94 54 80	86 27 90	101 7.0 82	96 14 84	93 114 84	90 55 83	97 208 84	79 18 78	90 -83 76	84 0.0 88	77 10.3 87	96 -2.4 78	90 -0.8 77	115 40.9 83	86 -1 86	93 44 83	117 4.41 83	119 4.11 85	70 -1.82 83	118 1.02 84
SBF 220004 Red SBF 220004		 DKF 55C KDL 180051				107 85	107 88	87 80	92 80	118 78	107 75	128 78	111 76	129 77	111 80 77	105 1.17 89	110 -2.6 83	109 74 80	107 37 88	87 2.4 80	94 14 111	92 111 83	111 75 80	133 342 82	115 121 75	129 -150 74	128 1.6 84	120 29.3 83	113 -10.4 77	115 -4.3 75	109 37.7 81	144 3 82	140 81 80	109 3.62 77	111 3.19 77	118 2.21 77	110 0.88 77
FW 240002 Red FW240002	4	FW 220013 FW 220060				93 57	102 66	104 47	117 45	115 31	110 46	90 36	106 44	104 60	91 54 19	99 1.75 68	83 0.6 52	83 39 45	102 34 66	104 8.0 47	103 17 53	113 170 53	102 67 57	92 187 61	85 34 49	86 -76 8	90 0.3 75	97 19.1 70	118 -12.9 34	105 -2.9 16	107 36.7 43	98 0 67	93 44 58	91 1.93 56	101 1.95 64	94 0.17 56	92 0.53 60
FW 240013 Red FW240013		9341 FW 180057				134 57	78 66	86 41	104 38	109 30	86 44	92 36	85 42	91 60	96 61 14	139 -2.00 70	124 -4.3 49	97 58 38	78 22 66	86 2.2 41	83 9 48	73 60 48	83 49 58	98 211 61	90 50 26	94 -90 8	113 1.1 75	109 24.6 71	110 -8.9 28	106 -3.0 18	104 35.0 45	71 -2 68	87 39 58	100 2.83 56	89 0.54 65	75 -1.40 56	99 0.67 60
FW 240015 Red FW240015	1	FW 220006 FW 220021				114 55	109 65	109 42	89 40	81 28	110 43	103 36	109 42	123 60	114 85 16	113 0.43 69	116 -3.3 49	111 75 40	109 38 65	109 9.4 42	109 19 49	109 160 49	103 68 57	104 231 61	105 91 46	100 -100 10	123 1.4 75	99 20.3 70	78 6.1 28	83 0.0 14	97 30.8 41	113 1 67	116 62 58	116 4.29 56	149 7.76 64	119 2.33 56	121 1.09 60
FW 240033 Red FW240033		018A FW 180072				125 62	110 69	103 50	95 45	95 35	117 49	110 36	117 46	119 58	111 81 27	114 0.33 72	125 -4.4 56	105 67 45	110 39 69	103 7.6 50	105 18 55	108 156 55	112 76 61	108 247 62	108 100 24	105 -108 8	114 1.1 75	117 28.2 71	81 4.6 37	97 -1.9 19	106 36.2 50	110 1 68	112 58 59	118 4.51 54	109 2.92 63	123 2.68 55	118 1.03 58
FW 240051 Red FW240051		018A FW 170049				118 64	110 70	96 53	87 47	97 38	111 50	114 36	112 47	123 60	120 92 28	109 0.79 73	122 -4.1 57	114 80 47	110 39 70	96 5.4 53	101 17 57	100 133 57	113 78 62	108 248 63	103 86 25	104 -107 7	112 1.0 75	93 17.5 71	87 1.9 40	99 -2.1 22	105 35.5 53	120 2 69	119 64 60	96 2.45 56	128 5.26 65	115 1.98 56	101 0.70 60
FW 240067 Red FW240067		AV 190115 FW 190083				86 62	90 70	111 55	120 50	89 37	91 51	78 38	86 48	88 63	81 41 21	91 2.52 72	75 1.5 57	79 35 50	90 28 70	111 10.0 55	104 16 16	110 161 58	93 59 62	78 135 64	79 16 47	73 -53 11	95 0.4 76	84 13.2 72	92 -0.3 40	86 -0.3 22	99 32.0 50	64 -3 70	71 26 61	78 0.70 59	113 3.42 67	95 0.31 59	81 0.33 63
FW 240073 Red FW240073		WE 190029 FW 140054				85 64	101 70	138 55	101 50	72 37	104 51	93 38	101 48	102 62	98 63 19	97 1.89 73	81 0.8 59	95 55 50	101 34 70	138 18.7 55	126 24 58	133 225 58	106 71 62	100 216 64	113 116 39	99 -98 9	137 1.9 76	110 24.8 72	73 8.3 39	64 2.6 21	100 32.4 50	97 0 69	104 53 61	114 4.15 58	102 2.08 66	98 0.54 58	113 0.94 62
FW 240084 Red FW240084		AV 170020 FW 170001				87 65	118 70	110 57	82 51	101 40	114 52	118 42	116 50	122 64	117 88 31	71 4.40 73	92 -0.6 59	118 51 51	118 43 70	110 9.7 57	113 21 59	113 170 59	119 83 63	120 295 65	97 68 48	119 -133 17	87 0.1 77	110 24.8 73	100 -4.2 42	104 -2.8 26	99 31.9 53	126 2 71	133 75 63	141 6.72 60	109 2.97 68	121 2.52 61	140 1.44 64

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Animal				Selection Value										Birth			Wean					Growth & Adaptation					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 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 %
FW 240085		AV 170020		FW 180023	112	104	109	98	102	112	122	115	114	101	99	115	101	104	109	107	109	103	114	102	117	124	110	100	103	100	128	122	140	99	93	138
Red		FW		FW	63	70	56	50	40	52	42	50	62	67	1.72	-3.2	63	36	9.4	18	160	68	272	82	-129	1.5	25.0	-4.4	-2.6	32.9	2	66	6.67	1.67	0.09	1.40
FW240085														29	72	58	50	70	56		59	63	65	42	18	76	72	41	26	52	70	62	58	66	59	62
FW 240097		FW 200004		FW 210049	99	98	108	98	102	101	101	100	107	105	106	98	101	98	108	105	104	100	99	92	92	106	85	90	98	112	88	97	111	115	82	113
Red	2	FW		FW	57	67	46	42	29	45	36	43	60	73	1.07	-1.2	63	32	9.2	17	145	65	213	54	-86	0.8	13.7	0.3	-1.9	39.1	-1	46	3.90	3.62	-0.83	0.93
FW240097														17	70	51	42	67	46		52	57	61	17	9	75	70	30	16	42	68	58	56	65	56	60
FW 250001		FW 230016		FW 230020	87	129	94	79	93	115	104	114	108	125	65	92	123	129	94	106	108	127	106	88	107	101	95	85	98	101	114	116	108	110	129	109
Red	1	FW		FW	55	65	42	35	30	43	28	40	36	99	4.93	-0.6	91	48	4.7	19	155	91	239	43	-112	0.6	18.3	2.7	-1.9	33.1	1	61	3.55	3.05	3.19	0.85
FW250001														23	68	47	35	65	42		47	42	39	26	15	46	43	30	19	41	42	37	34	39	35	36
FW 250002		FW 230058		FW 230049	94	108	114	98	102	112	92	108	106	104	104	93	100	108	114	112	117	109	94	105	90	112	96	102	99	102	100	102	112	110	105	112
Red	1	FW		FW	54	64	39	31	26	41	25	38	34	72	1.22	-0.6	62	38	11.1	20	181	73	194	93	-83	1.0	18.7	-5.4	-2.1	33.5	0	51	3.90	3.06	1.14	0.92
FW250002														15	68	45	31	64	39		45	42	37	21	11	44	42	28	13	37	41	36	32	37	33	34
FW 250004		WE 190029		FW 190076	107	97	113	106	85	102	91	99	101	97	111	102	93	97	113	108	111	98	95	92	92	126	97	85	77	102	101	97	103	100	96	103
Red	1	FW		FW	62	70	53	49	34	50	27	45	43	62	0.61	-1.7	52	32	10.8	18	164	63	197	53	-86	1.5	19.0	2.7	0.8	34.0	0	47	3.08	1.86	0.38	0.74
FW250004														19	72	57	49	70	53		57	51	45	37	8	49	48	37	19	47	47	43	41	45	42	43
FW 250006		FW 230058		FW 230105	97	95	117	102	103	102	94	100	101	98	107	93	96	95	117	110	111	99	95	108	92	115	100	94	96	111	99	98	107	104	99	107
Red	1	FW		FW	54	64	40	33	26	41	25	38	35	64	0.96	-0.6	57	31	12.1	18	165	64	200	102	-86	1.2	20.6	-1.7	-1.7	38.8	0	47	3.48	2.33	0.60	0.82
FW250006														15	68	46	33	64	40		46	42	38	21	11	45	42	29	14	36	41	36	33	37	33	35
FW 250008		FW 230016		FW 230107	104	109	100	92	108	111	106	110	111	108	94	111	108	109	100	103	104	107	106	97	106	104	105	105	97	111	103	109	116	125	124	118
Red	1	FW		FW	54	65	41	32	28	42	26	39	36	77	2.16	-2.7	72	38	6.6	17	144	72	239	68	-110	0.7	22.5	-6.8	-1.9	38.7	0	56	4.31	4.82	2.78	1.03
FW250008														18	68	45	32	65	41		46	42	39	26	11	46	44	29	16	39	42	37	33	38	33	36
FW 250013		FW 230058		FW 230017	87	103	124	107	97	110	97	107	108	99	104	78	91	103	124	117	126	112	95	112	89	101	97	96	84	108	90	98	108	116	117	110
Red	2	FW		FW	56	65	43	37	29	43	26	40	38	65	1.30	1.1	49	35	14.1	21	205	77	199	111	-81	0.7	19.0	-2.5	-0.1	37.3	-1	47	3.57	3.80	2.16	0.87
FW250013														21	69	48	37	65	43		48	44	40	24	11	47	44	31	15	40	43	38	36	40	36	38
FW 250014		FW 230058		FW 230021	89	109	126	96	98	115	102	113	115	110	104	87	101	109	126	120	126	116	99	109	94	102	100	93	88	109	92	105	123	119	115	124
Red	4	FW		FW	56	65	42	37	28	43	25	39	38	79	1.28	0.0	63	38	14.9	23	206	80	215	104	-89	0.7	20.7	-1.2	-0.7	37.5	-1	53	4.97	4.18	2.01	1.14
FW250014														21	69	48	37	65	42		48	44	39	23	10	46	43	31	15	39	42	38	36	40	36	38
FW 250017		AV 190115		FW 170049	118	77	103	117	93	86	77	81	83	86	117	109	83	77	103	94	91	77	78	79	74	94	81	93	93	99	72	76	93	108	79	94
Red	1	FW		FW	64	70	56	51	38	51	30	47	47	47	0.07	-2.5	39	22	7.7	12	110	43	134	17	-55	0.4	11.9	-1.0	-1.3	31.9	-2	30	2.09	2.85	-1.04	0.57
FW250017														21	73	59	51	70	56		59	55	50	42	10	55	54	41	23	50	53	49	45	49	45	47
FW 250024		SBF 220004		FW 220083	97	97	99	109	106	99	107	100	107	94	104	91	91	97	99	98	101	107	111	122	110	107	108	102	105	105	112	111	97	110	109	98
Red		FW		FW	57	66	46	44	31	46	24	42	30	58	1.24	-0.4	50	32	6.4	15	136	72	259	140	-118	0.9	24.0	-5.1	-2.9	35.2	1	58	2.46	2.99	1.48	0.65
FW250024														25	70	52	44	66	46		52	43	38	24	8	45	43	33	18	41	42	37	29	31	29	30
FW 250030		FW 230058		FW 230096	76	108	130	101	88	109	96	106	108	104	88	75	96	108	130	123	131	112	96	99	92	116	110	80	83	106	96	101	102	109	114	103
Red	2	FW		FW	54	64	40	33	27	41	24	38	36	71	2.80	1.4	56	38	16.0	23	220	76	200	76	-85	1.2	24.8	5.0	0.1	36.0	0	50	2.96	2.86	1.92	0.74
FW250030														16	68	46	33	64	40		46	42	38	21	8	45	43	29	14	37	41	36	33	38	34	36

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Animal				Selection Value											Birth			Wean					Growth & Adaptation					Fertility				Frame		Carcass			
ID	% Inbreeding	Genomic Parentage	Index EBV Acc	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass V	Cow wt -brth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean wt	Wean mat	Comb mat	Cow-Calf wn	12m wt	ADG	Yeld growth	FCR	Skin Thickn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Frame score	Length	EMA	Fat	Marbling	Dress %		
			Sire ID Dam ID																																		
FW 250033		WE 190029		84	97	130	107	89	103	87	99	97	92	98	77	90	97	130	119	126	102	88	88	83	130	94	88	83	103	83	89	97	102	95	97		
Red		FW 190083		62	70	53	50	36	50	30	46	46	55	1.82	1.2	48	32	16.1	21	206	67	172	42	-71	1.7	18.0	1.2	0.0	34.4	-1	41	2.46	2.03	0.30	0.63		
FW250033													20	72	57	50	70	53		58	54	50	45	9	55	54	39	21	49	53	48	44	49	45	46		
FW 250034		SBF 220004		103	115	100	86	111	117	119	118	123	115	100	109	114	115	100	105	106	115	121	117	119	117	112	104	104	112	129	128	107	108	109	108		
Red		FW 220064		56	65	44	43	29	44	26	40	30	86	1.62	-2.6	79	41	6.7	18	150	80	298	125	-133	1.2	25.8	-6.3	-2.7	39.5	2	71	3.49	2.83	1.45	0.85		
FW250034													24	69	50	43	65	44		51	41	38	24	11	46	43	31	16	39	42	37	28	31	29	30		
FW 250040		WE 190029		99	101	130	103	111	118	96	114	102	99	114	92	94	101	130	120	127	104	95	98	91	117	94	117	96	108	93	98	107	93	99	106		
Red	1	FW 210010		60	68	50	48	32	48	26	44	44	65	0.33	-0.5	54	34	16.0	22	208	69	198	72	-84	1.2	17.7	-12.4	-1.7	37.0	-1	47	3.51	0.98	0.63	0.80		
FW250040													18	71	55	48	68	50		55	51	45	38	7	51	49	36	16	44	48	44	42	47	43	44		
FW 250043		FW 230016		118	94	110	103	107	107	94	104	103	99	118	113	96	94	110	105	105	93	96	92	95	112	94	101	95	115	97	98	98	124	130	101		
Red	1	FW 230028		54	64	40	31	26	41	24	38	36	64	-0.07	-3.0	56	30	9.7	17	146	58	202	56	-92	1.0	17.8	-4.7	-1.5	40.7	0	47	2.60	4.73	3.24	0.71		
FW250043													13	68	45	31	64	40		45	41	38	26	8	46	43	27	13	38	41	36	33	39	34	36		
FW 250045		127K		106	102	104	86	120	109	115	110	124	117	106	111	114	102	104	103	100	102	117	95	115	110	115	101	101	124	115	126	124	109	104	102	109	
Red		FW 170043		57	69	47	36	27	45	20	40	28	89	1.11	-2.7	79	35	8.0	17	133	67	281	63	-125	0.9	27.3	-4.6	-5.4	40.8	2	68	3.63	2.26	0.87	0.86		
FW250045													12	72	49	36	69	47		51	46	32	11	8	38	36	24	15	42	35	30	26	31	26	28		
FW 250046		9341		109	66	84	118	113	69	100	71	100	87	170	143	83	66	84	78	66	73	109	101	108	100	112	109	107	108	90	97	90	105	107	92		
Red	1	FW 170056		57	67	43	37	27	44	26	40	40	50	-5.32	-6.5	40	17	1.6	7	39	39	251	81	-114	0.6	25.9	-8.7	-3.2	37.2	-1	46	1.85	2.43	1.28	0.53		
FW250046													16	70	49	37	67	43		49	46	41	24	9	48	46	25	15	42	45	39	37	42	37	40		
FW 250048		FW 230016		91	108	110	91	117	113	105	111	111	106	90	98	108	108	110	109	111	109	107	94	109	107	108	107	110	115	108	113	117	121	129	118		
Red	1	FW 230048		54	64	40	32	28	42	26	39	36	74	2.63	-1.3	71	38	9.7	19	163	73	246	60	-115	0.9	24.2	-7.5	-3.5	41.1	1	59	4.42	4.37	3.16	1.04		
FW250048													17	68	45	32	64	40		45	41	38	27	11	46	44	28	16	39	42	37	33	38	34	36		
FW 250054		731C		89	122	86	77	109	109	100	107	112	126	90	103	126	122	86	98	96	120	103	103	100	109	122	96	116	106	97	107	105	98	102	105		
Red		FW 190008		58	70	47	37	29	46	27	42	38	101	2.58	-1.8	95	45	2.2	16	124	84	228	85	-99	0.9	30.3	-2.3	-4.4	35.7	0	55	3.26	1.60	0.92	0.78		
FW250054													11	72	50	37	70	47		51	51	43	12	10	49	47	27	15	45	46	42	35	40	35	38		
FW 250055		127K		102	97	112	106	109	106			103	94	104	98	92	97	112	107	110	96	97	103	95	112	115	106	99	110	91	98	108	104	110	108		
Red		FW 180033		57	70	46	37	27	45			26	58	1.24	-1.2	52	32	10.3	17	161	61	207	85	-90	1.0	27.3	-7.2	-2.1	38.2	-1	47	3.53	2.26	1.54	0.83		
FW250055													12	72	49	37	70	46		51	46	30	11	6	36	34	25	15	42	33	29	23	28	24	26		
FW 250059		127K		125	92	106	108	117	110	98	108	109	92	119	119	91	92	106	101	102	86	97	83	95	108	94	111	108	114	103	100	99	116	110	101		
Red		FW 140012		59	71	49	37	29	46	22	41	29	56	-0.14	-3.7	49	30	8.4	15	140	52	208	30	-91	0.9	17.8	-9.3	-3.3	40.5	0	49	2.66	3.83	1.59	0.71		
FW250059													13	73	50	37	71	49		52	48	34	26	9	40	38	26	16	45	37	32	27	31	28	29		
FW 250061		127K		114	88	93	110	113	95			96	91	114	108	91	88	93	91	88	89	88	91	84	100	96	110	105	110	87	84	98	100	94	98		
Red		FW 180088		57	70	46	36	27	45			20	55	0.29	-2.4	49	27	4.3	12	101	55	170	51	-73	0.6	18.7	-8.9	-2.9	38.2	-1	37	2.64	1.86	0.16	0.66		
FW250061													12	73	49	36	70	46		51	45	26	12	9	31	29	24	16	42	28	25	18	21	18	20		
FW 250064		127K		114	92	100	119	103	103	90	99	101	87	110	106	81	92	100	97	102	87	91	77	88	111	100	103	95	106	95	91	94	109	105	96		
Red		FW 130032		60	71	50	39	31	47	23	42	28	48	0.74	-2.2	38	30	6.6	14	139	53	184	12	-79	1.0	20.5	-5.5	-1.6	36.2	0	41	2.24	2.88	1.10	0.61		
FW250064													17	74	51	39	71	50		53	48	33	18	12	38	37	29	18	46	35	32	26	30	26	28		

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Animal				Selection Value											Birth			Wean					Growth & Adaptation					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 wt	Wean mat	Comb mat	Cow-Calf wn	12m wt	ADG	Yeld growth	FCR	Skin Thickn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Frame score	Length	EMA	Fat	Marbling	Dress %	
FW 250068		127K		FW 140040	87	99	119	98	115	106	98	104	112	102	93	89	100	99	119	112	114	101	103	84	101	85	111	111	104	113	102	109	105	121	116	108	
Red		FW			59	70	48	38	29	46	22	41	30	68	2.34	-0.2	61	33	12.6	19	172	66	227	31	-101	0.1	25.4	-9.4	-2.7	39.9	0	56	3.28	4.40	2.10	0.83	
FW250068														13	73	50	38	70	48		52	47	34	26	8	40	38	26	17	44	36	32	27	32	28	30	
FW 250070		AV		190115	100	88	115	113	104	98	82	93	91	89	107	90	86	88	115	106	108	92	82	90	76	86	83	109	95	103	70	80	94	106	97	95	
Red	1	FW		180027	62	70	54	49	35	50	30	46	46	51	0.98	-0.3	43	27	11.2	17	156	57	149	48	-59	0.1	13.0	-8.4	-1.6	34.4	-2	33	2.19	2.60	0.41	0.59	
FW250070														19	72	57	49	70	54	58	53	50	41	9	56	54	37	20	48	53	48	44	48	44	46		
FW 250071		WE		190029	114	85	128	96	103	101	91	98	101	102	129	106	101	85	128	114	110	89	93	103	90	127	100	101	93	108	91	93	98	107	101	99	
Red	1	FW		200010	62	69	51	49	35	49	34	46	45	68	-1.14	-2.2	63	26	15.6	19	160	55	193	85	-82	1.6	20.6	-4.9	-1.4	36.9	-1	44	2.55	2.65	0.75	0.66	
FW250071														22	72	57	49	69	51	56	52	47	45	19	52	51	37	20	47	50	45	43	47	44	45		
FW 250072		SBF		220004	104	103	97	97	93	100	116	103	115	104	97	108	103	103	97	99	99	103	118	117	118	118	119	87	85	108	123	121	99	98	108	99	
Red		FW		220028	58	66	46	45	32	46	26	42	31	71	1.89	-2.4	66	35	5.6	15	130	68	286	125	-131	1.3	29.0	1.6	-0.2	37.2	2	66	2.69	1.57	1.37	0.67	
FW250072														27	70	52	45	66	46	52	44	40	20	9	47	45	34	18	44	44	39	29	33	30	31		
FW 250080		WE		190029	74	99	139	104	90	105	97	103	109	98	88	62	92	99	139	126	133	112	99	110	95	117	97	85	84	105	97	104	114	118	101	115	
Red	1	FW		190064	62	70	53	50	36	50	31	46	47	63	2.80	2.9	52	33	18.8	24	226	76	214	106	-91	1.2	19.1	2.5	-0.1	35.6	0	52	4.10	3.98	0.75	0.97	
FW250080														22	72	57	50	70	53	58	53	49	44	12	54	53	38	21	48	52	48	45	49	45	47		
FW 250085		FW		200004	84	93	114	100	113	97	96	96	107	99	100	80	98	93	114	107	106	99	101	80	95	85	90	104	105	113	94	104	115	102	95	114	
Red	1	FW		150031	61	69	52	44	33	48	30	44	41	65	1.64	0.8	59	30	11.1	17	151	64	221	21	-91	0.1	16.1	-6.3	-3.0	39.9	0	52	4.24	2.11	0.27	0.96	
FW250085														17	72	54	44	69	52	55	49	47	30	12	54	52	33	20	46	50	45	38	44	38	41		
FW 250087		FW		200004	98	108	104	96	92	106	90	102	105	104	94	102	103	108	104	105	108	103	96	69	89	103	87	91	79	108	95	105	115	105	81	115	
Red	3	FW		150049	61	69	51	44	33	48	29	44	44	72	2.22	-1.7	65	38	7.9	18	157	68	201	-10	-81	0.7	14.8	0.1	0.6	36.9	0	53	4.28	2.39	-0.91	0.97	
FW250087														14	72	54	44	69	51	55	49	48	29	8	55	53	32	20	46	52	47	41	47	41	44		
FW 250090		FW		230016	88	129	106	76	108	125	117	125	121	125	76	98	125	129	106	114	116	129	117	94	116	114	107	91	106	115	121	123	122	120	112	124	
Red		FW		230073	54	64	40	31	27	41	25	38	36	99	3.94	-1.3	93	48	8.6	22	177	93	282	60	-128	1.1	23.4	0.0	-3.0	40.7	2	67	4.95	4.23	1.74	1.14	
FW250090														17	68	45	31	64	40	45	41	38	27	10	46	44	28	15	39	42	37	34	39	34	36		
FW 250094		FW		230058	80	113	117	96	101	114	108	113	115	109	95	79	102	113	117	116	122	119	108	105	103	109	104	88	93	115	103	109	122	107	107	122	
Red	3	FW		230027	54	64	40	33	26	41	23	37	36	77	2.10	0.9	64	40	12.1	22	195	83	246	92	-105	0.9	22.3	1.5	-1.3	40.9	0	57	4.91	2.66	1.29	1.10	
FW250094														14	68	45	33	64	40	46	42	38	21	7	45	43	28	13	36	41	37	34	39	35	36		
FW 250095		SBF		220004	105	94	96	115	110	101	101	100	105	89	110	95	85	94	96	95	99	99	104	101	103	107	100	112	102	107	111	108	94	104	104	95	
Red		FW		220060	58	66	46	44	31	46	26	42	32	52	0.65	-0.9	43	31	5.4	14	130	64	234	80	-104	0.9	20.6	-9.9	-2.5	36.3	1	55	2.21	2.34	1.07	0.59	
FW250095														25	70	52	44	66	46	52	43	41	25	9	47	45	33	18	42	44	39	30	33	30	32		
FW 250098		FW		200004	128	84	91	106	102	91	92	89	91	97	125	122	94	84	91	89	83	87	96	95	92	84	77	99	98	105	88	88	103	101	78	102	
Red	1	FW		150039	61	69	51	44	32	48	30	44	41	62	-0.74	-4.0	54	25	3.8	11	85	52	201	63	-86	0.1	10.4	-4.0	-2.0	35.6	-1	40	3.04	1.96	-1.12	0.73	
FW250098														18	72	54	44	69	51	55	48	47	30	12	54	52	31	20	46	51	46	38	44	39	41		
FW 250100		SBF		220004	91	105	100	106	102	104	105	104	108	96	90	90	94	105	100	102	107	110	108	109	107	113	106	100	93	108	113	112	100	106	106	101	
Red		FW		220068	58	66	46	45	31	46	24	42	30	61	2.55	-0.3	54	36	6.6	17	153	75	248	105	-112	1.1	23.2	-4.3	-1.2	37.1	1	59	2.75	2.61	1.18	0.70	
FW250100														25	70	52	45	66	46	52	43	39	25	8	45	43	33	18	42	42	38	29	31	29	30		

Breeding Values and Accuracies: Bulls

Inbreeding in red is high

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

Animal				Selection Value									Birth			Wean					Growth & Adaptation					Fertility				Frame		Carcass			
ID	% Inbreeding	Genomic Parentage	Index EBV Acc	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass V	Cow wt -brth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean wt	Wean mat	Comb mat	Cow-Calf wn	12m wt	ADG	Veld growth	FCR	Skin Thickn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Frame score	Length	EMA	Fat	Marbling	Dress %
			Sire ID Dam ID																																
FW 250101		FW 200004		109	96	95	94	102	96	95	94	96	106	103	112	106	96	95	95	91	94	98	84	96	102	85	98	90	111	88	93	107	119	94	109
Red 1		FW 180037		59	69	49	44	31	47	29	43	40	74	1.34	-2.9	69	32	5.1	14	109	59	211	30	-94	0.7	13.8	-3.2	-1.0	38.7	-1	43	3.46	4.11	0.16	0.85
FW250101													16	71	53	44	69	49		54	47	44	21	12	51	49	29	19	44	48	43	37	42	37	40
FW 250102		SBF 220004		98	114	112	86	108	118	119	119	126	118	104	103	114	114	112	113	114	118	119	108	115	119	109	94	107	112	121	128	119	108	105	120
Red		FW 220093		57	66	45	44	30	45	24	41	30	90	1.23	-1.8	79	41	10.5	21	172	82	291	100	-126	1.3	24.5	-1.5	-3.2	39.3	2	71	4.67	2.85	1.16	1.06
FW250102													25	70	52	44	66	45		52	42	39	24	8	45	43	32	18	41	42	37	29	31	29	30

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	Sire ID	Dam ID	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Comb mat	Cow-Calf wn	12m wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Frame score	Length	EMA	Fat	Marbling	Dress %
			EBV Acc																																		
FW 150011			S008			92	101	96	109	122	106	107	106	105	93	94	89	90	101	96	98	102	99	109	90	111	127	119	124	119	106	126	106	94	94	104	94
Red				FW 050034		89	88	90	86	82	78	80	78	80	57	2.16	-0.2	49	34	5	15	139	64	253	50	-119	1.6	28.8	-15.4	-4.8	35.8	2	53	2.26	1.11	1.07	0.58
FW150011															79	89	88	86	88	90		88	85	83	81	78	85	84	82	79	85	84	82	80	81	80	80
FW 150031			S008			87	86	125	101	119	98	95	96	105	96	103	66	96	86	125	112	110	96	102	84	97	85	101	116	121	105	97	109	107	86	119	105
Red				FW 080029		89	89	90	87	83	79	82	80	82	61	1.31	2.5	56	26	15	19	163	61	224	32	-95	0.1	21.0	-11.7	-5.1	35.5	0	56	3.50	0.12	2.32	0.79
FW150031															80	89	88	87	89	90		89	86	84	82	79	86	85	83	80	85	85	83	81	82	81	82
FW 150039			KHC 090028			151	80	81	108	97	90	90	88	77	98	138	144	94	80	81	81	72	83	94	111	93	85	78	103	107	89	90	84	85	84	86	84
Red	2			FW 090010		88	87	89	86	81	77	80	78	80	63	-1.96	-6.6	53	23	1	8	56	49	196	108	-88	0.1	10.5	-5.6	-3.2	26.4	-1	36	1.38	-0.18	-0.44	0.38
FW150039															78	88	87	86	87	89	87	84	83	80	77	85	84	80	78	84	84	82	79	80	79	80	
FW 150049			KHC 100028			100	94	116	117	80	99	74	92	90	80	89	96	81	94	116	109	116	89	84	69	78	121	90	96	68	93	89	98	98	91	90	96
Red	1			FW 120065		89	88	89	87	82	78	82	79	82	40	2.65	-1.0	38	30	12	18	179	55	157	-11	-62	1.3	16.0	-2.6	2.1	28.8	-1	47	2.58	0.71	-0.11	0.62
FW150049															79	89	88	87	88	89	88	86	85	82	79	87	86	82	80	85	86	84	82	83	82	82	
FW 160035			FW 140020			118	82	119	123	103	102	77	96	95	83	125	101	76	82	119	107	112	82	77	93	68	112	83	97	119	95	78	83	90	119	102	92
Red	3			FW 140028		87	86	88	85	79	76	78	76	77	44	-0.74	-1.6	31	25	12	16	166	47	130	56	-44	1.0	13.1	-2.8	-4.8	29.6	-2	36	1.78	4.08	0.84	0.54
FW160035															76	87	86	85	86	88	86	83	80	77	76	81	81	79	77	82	80	79	77	77	77	77	
FW 160063			KHC 100028			92	97	89	118	68	85	82	81	85	84	86	88	83	97	89	92	96	93	88	80	88	108	93	70	64	96	99	90	86	93	108	86
Red	1			FW 100062		89	88	90	87	82	78	81	79	80	45	2.91	0.0	40	32	3	13	123	58	171	19	-78	0.9	17.4	9.9	2.6	30.2	0	41	1.44	1.00	1.37	0.42
FW160063															79	89	88	87	88	90	88	85	82	79	79	83	83	82	80	85	83	82	80	81	80	80	
FW 160073			WB 130309			72	98	116	97	94	92	111	95	99	101	81	68	101	98	116	110	110	109	112	109	107	108	105	89	94	102	97	103	126	97	104	124
Red	1			FW 120025		90	89	91	88	84	79	82	80	83	68	3.47	2.3	63	33	12	19	162	74	262	104	-111	0.9	22.6	0.8	-1.5	33.8	0	52	5.32	1.51	1.07	1.14
FW160073															81	90	89	88	89	91	89	87	84	82	80	85	85	84	82	86	85	84	83	83	83	83	
FW 170001			WB 130309			93	73	123	89	103	77	104	79	109	108	103	95	109	73	123	106	93	84	114	94	110	75	111	117	101	93	108	119	110	128	136	113
Red	4			FW 140040		88	88	89	86	81	78	81	79	82	77	1.32	-0.9	73	20	14	16	115	50	272	61	-118	-0.3	25.3	-12.2	-2.3	29.0	1	64	3.78	5.29	3.74	0.94
FW170001															79	88	87	86	88	89	88	85	83	81	78	85	85	81	79	84	84	83	82	83	82	82	
FW 170033			KHC 100028			116	106	111	76	90	108	90	104	89	126	98	126	124	106	111	109	104	96	87	123	88	136	90	86	91	100	94	100	85	86	86	84
Red	1			FW 120063		87	88	89	87	81	78	80	78	82	100	1.86	-4.5	92	37	10	19	144	62	169	145	-79	1.9	15.9	2.1	-1.0	32.8	0	49	1.32	0.07	-0.51	0.38
FW170033															78	88	87	87	88	89	88	85	83	79	78	84	84	81	79	84	84	83	81	82	81	82	
FW 170043			CP 147724			115	100	112	92	126	116	117	117	116	114	113	115	107	100	112	108	107	103	123	117	123	106	114	105	141	110	138	133	94	94	99	94
Red				FW 150030		88	88	89	86	82	78	82	79	82	85	0.37	-3.2	70	34	11	18	152	67	305	125	-140	0.8	26.8	-6.7	-7.7	38.0	3	75	2.18	1.10	0.61	0.57
FW170043															80	89	87	86	88	89	88	85	83	80	79	86	85	82	80	84	85	83	82	83	82	82	
FW 170049			KHC 100028			125	83	101	106	97	92	88	89	88	94	108	124	93	83	101	95	90	77	88	76	86	103	78	88	105	100	94	94	100	107	81	101
Red	1			FW 120025		89	89	90	88	83	79	82	80	82	58	0.93	-4.3	53	25	7	13	105	43	173	8	-75	0.7	10.8	1.3	-2.8	32.9	0	44	2.82	2.61	-0.94	0.70
FW170049															81	89	88	88	89	90	89	86	84	81	80	86	85	83	81	86	85	84	82	83	82	82	
FW 170056			CP 147724			134	80	94	115	105	94	103	94	99	92	148	132	85	80	94	89	85	87	108	116	108	89	106	99	104	105	107	103	88	105	123	90
Red	4			FW 150024		87	87	88	86	80	77	79	77	80	56	-2.92	-5.2	42	24	5	11	92	53	247	123	-114	0.2	23.1	-3.9	-2.8	35.6	1	52	1.65	2.47	2.66	0.49
FW170056															78	87	86	86	87	88	87	83	81	78	77	82	82	80	78	83	81	80	79	80	79	80	

Breeding Values and Accuracies: Cows & Heifers

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

Animal				Selection Values										Birth			Wean					Growth & Adaptability					Fertility				Frame		Carcass				
ID	% Inbreeding	Genomic Parentage	Index EBV Acc	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Comb mat	Cow-Calf wn	12m wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Frame score	Length	EMA	Fat	Marbling	Dress %	
FW 180020	Red 1	 KHC 100028  FW 090002			101	107	75	97	95	94	86	91	95	103	82	108	105	107	75	86	84	98	90	81	87	126	108	98	90	100	91	94	87	93	101	87	
Red	1				88	88	88	87	83	78	82	79	82	71	3.31	-2.4	68	37	-1	11	91	63	178	24	-78	1.5	24.1	-3.5	-0.9	32.7	-1	45	1.55	0.96	0.80	0.44	
FW180020														80	89	88	87	88	88		85	84	81	79	85	84	83	81	85	84	83	81	82	81	82		
FW 180023	Red 2	 KHC 150078  FW 150070			139	75	123	122	103	104	94	101	95	78	125	135	76	75	123	107	110	73	98	94	100	101	108	112	99	98	105	101	104	106	113	104	
Red	2				87	87	88	86	82	77	82	78	82	38	-0.74	-5.5	31	21	14	16	160	39	210	59	-100	0.6	24.0	-10.1	-2.0	31.4	0	50	3.17	2.51	1.80	0.77	
FW180023														79	88	87	86	87	88		85	83	80	79	85	85	81	80	84	84	83	81	82	81	82		
FW 180027	Red 3	 FW 160008  FW 160024			109	93	115	95	114	105	99	103	107	104	114	107	104	93	115	108	105	94	96	98	90	88	83	119	108	103	91	102	104	102	115	104	
Red	3				86	86	87	85	80	76	80	77	80	72	0.34	-2.3	66	30	11	18	147	59	204	70	-82	0.2	13.0	-13.1	-3.4	34.2	-1	50	3.15	2.12	1.97	0.76	
FW180027														77	87	86	85	86	87		83	82	78	77	85	84	79	78	82	83	82	80	81	80	80		
FW 180030	Red 1	 WB 150441  FW 120025			114	86	105	85	95	88	106	89	106	119	115	117	115	86	105	99	89	91	102	91	98	82	80	91	108	92	92	103	119	116	90	119	
Red	1				88	88	88	87	83	78	81	79	82	92	0.24	-3.5	81	27	8	14	102	56	225	51	-96	0.0	11.7	-0.1	-3.3	28.5	-1	51	4.58	3.78	-0.11	1.05	
FW180030														80	89	88	87	88	88		85	83	80	79	84	84	83	80	85	84	83	81	82	81	82		
FW 180033	Red 1	 FW 160017  FW 160010			110	96	122	105	99	110	87	87	105	93	110	115	104	92	96	122	113	118	93	92	125	90	112	120	106	92	99	80	95	107	94	116	105
Red	1				87	87	88	86	81	77	80	78	80	62	0.25	-1.9	52	32	13	20	182	59	188	148	-82	1.0	29.3	-7.2	-1.1	32.4	-2	45	3.45	1.09	2.05	0.79	
FW180033														79	88	87	86	87	88		84	82	79	78	84	83	81	79	83	83	82	80	81	80	80		
FW 180037	Red 3	 KHC 120060  FW 090010			116	100	90	86	97	97	95	95	88	113	98	124	116	100	90	93	87	94	98	89	102	120	92	100	91	101	89	91	95	119	117	97	
Red	3				87	87	88	86	82	77	80	78	80	83	1.82	-4.3	82	34	3	13	99	60	211	45	-103	1.3	17.0	-4.2	-1.1	33.1	-1	42	2.31	4.13	2.12	0.63	
FW180037														79	88	87	86	87	88		84	82	79	79	83	83	81	80	84	83	82	80	80	80	80		
FW 180057	Red 1	 KHC 100028  FW 090031			113	85	89	96	101	84	82	81	85	100	108	115	105	85	89	88	80	87	87	97	82	109	97	102	101	100	76	84	86	92	80	85	
Red	1				88	87	88	87	83	78	82	79	82	67	0.87	-3.2	68	26	3	11	77	53	169	68	-69	0.9	19.3	-5.1	-2.3	32.6	-2	36	1.41	0.80	-0.99	0.41	
FW180057														80	89	88	87	87	88		86	84	80	79	86	85	83	80	85	85	84	82	83	82	82		
FW 180067	Red 2	 KHC 150078  FW 140063			141	67	124	125	115	101	86	97	89	75	135	150	74	67	124	105	104	62	91	67	84	70	95	110	119	104	76	81	98	111	95	99	
Red	2				88	88	88	86	82	78	82	79	82	33	-1.70	-7.3	28	17	14	15	144	29	182	-18	-73	-0.5	18.1	-9.2	-4.7	35.1	-2	34	2.61	3.15	0.26	0.67	
FW180067														80	89	87	86	88	88		85	83	82	79	85	84	82	80	84	84	83	81	82	81	82		
FW 180072	Red 2	 KHC 150078  FW 150047			132	75	117	127	93	98	84	94	85	76	118	131	73	75	117	103	106	71	87	86	86	105	104	79	101	103	78	80	103	96	93	102	
Red	2				87	87	87	86	81	77	80	78	80	35	-0.08	-5.1	27	21	12	15	151	37	167	37	-75	0.8	22.5	5.7	-2.4	34.4	-2	33	3.09	1.33	0.13	0.72	
FW180072														79	88	87	86	87	87		84	82	79	79	84	83	81	79	83	83	82	80	81	80	80		
FW 180080	Red 1	 KHC 100028  FW 080037			128	68	117	129	94	89	84	86	79	73	112	119	71	68	117	101	100	69	85	81	81	126	90	99	74	108	80	77	82	95	89	83	
Red	1				89	89	89	88	84	79	82	80	82	31	0.47	-3.7	24	18	12	14	135	35	159	23	-67	1.5	16.1	-3.9	1.2	37.2	-2	31	1.11	1.22	-0.20	0.36	
FW180080														81	89	88	88	89	89		87	84	82	80	85	85	84	82	86	85	84	82	83	82	82		
FW 180084	Red 2	 WB 150441  FW 130035			80	101	115	115	90	101	93	98	101	93	95	57	83	101	115	110	121	108	90	90	85	110	90	88	95	96	90	98	101	114	96	103	
Red	2				86	86	87	85	80	76	78	76	80	57	2.15	3.6	40	34	12	19	192	73	181	48	-73	1.0	16.2	1.2	-1.5	30.3	-1	47	2.90	3.48	0.37	0.74	
FW180084														77	87	86	85	86	87		83	81	77	76	82	82	80	77	82	81	80	79	80	79	80		
FW 180088	Red 2	 KHC 150078  FW 140046			128	72	90	119	108	84	69	78	73	85	128	116	82	72	90	84	76	78	71	102	67	90	80	116	104	100	70	65	84	87	83	83	
Red	2				88	88	89	87	83	78	82	79	81	46	-1.01	-3.3	38	20	3	9	68	44	108	84	-42	0.2	11.5	-11.6	-2.7	32.7	-2	22	1.24	0.29	-0.74	0.36	
FW180088														81	89	88	87	88	89		85	83	81	80	83	83	83	81	85	83	82	81	81	81	81		

Breeding Values and Accuracies: Cows & Heifers

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

Animal				Selection Values										Birth			Wean					Growth & Adaptability					Fertility				Frame		Carcass				
ID	% Inbreeding	Genomic Parentage	Index EBV Acc	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Comb mat	Cow-Calf wn	12m wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Frame score	Length	EMA	Fat	Marbling	Dress %	
FW 180090 Red FW180090	2		KHC 150078	FW 140074	136	82	105	118	95	99	94	97	92	80	124	129	81	82	105	97	98	78	98	93	98	123	89	103	95	94	95	86	92	109	104	93	
			Red	2	FW 140074	87	87	87	86	82	77	82	78	82	40	-0.65	-4.8	37	24	8	14	127	44	209	58	-96	1.4	15.4	-5.6	-1.6	29.5	0	38	2.03	2.92	1.08	0.56
			FW180090													79	88	87	86	87	87	87	85	84	81	79	86	85	81	80	84	85	83	81	83	82	82
FW 190010 Red FW190010		4083B FW 140003			90	103	101	96	119	105	90	101	100	105	107	86	104	103	101	102	102	106	88	84	78	79	72	110	128	104	103	99	88	96	117	89	
			Red		FW 140003	73	73	73	71	43	60	33	55	46	73	0.95	0.1	66	35	7	16	138	71	172	33	-61	-0.1	8.1	-8.8	-6.1	34.7	0	48	1.65	1.33	2.11	0.47
			FW190010												12	76	72	71	73	73	72	62	54	49	10	64	61	44	27	57	59	51	43	50	44	46	
FW 190014 Red FW190014	1	FW 170025 FW 170017			128	81	93	113	107	92	99	92	85	89	125	149	87	81	93	89	85	73	97	100	97	123	77	122	93	100	95	86	90	94	92	90	
			Red		FW 170017	73	74	76	73	44	61	31	55	42	51	-0.67	-7.2	45	24	5	11	91	39	204	79	-94	1.4	10.2	-14.6	-1.3	32.9	0	38	1.83	1.13	0.07	0.49
			FW190014												19	76	73	73	74	76	74	61	50	29	10	59	56	46	28	57	54	48	39	45	40	42	
FW 190021 Red FW190021		CP 168328 FW 160028			95	110	78	99	82	93	108	95	100	104	95	146	103	110	78	89	90	95	111	114	111	132	102	82	76	100	122	111	96	87	87	95	
			Red		FW 160028	75	74	75	72	46	61	32	55	40	72	2.09	-6.8	66	39	0	13	105	60	258	119	-119	1.7	21.3	4.3	1.0	32.8	2	57	2.44	0.22	-0.40	0.59
			FW190021												17	78	74	72	74	75	74	62	49	18	12	57	55	48	30	60	53	47	37	42	38	40	
FW 190043 Red FW190043	1	WB 150441 FW 140053			81	99	103	94	91	90	105	91	107	111	91	85	106	99	103	102	100	106	105	86	98	89	90	84	100	97	88	99	93	104	93	95	
			Red		FW 140053	75	76	78	74	49	63	37	58	44	81	2.48	0.3	69	33	8	16	133	71	235	38	-97	0.2	16.0	3.2	-2.3	31.0	-1	49	2.15	2.27	0.11	0.58
			FW190043												30	78	75	74	76	78	76	67	53	29	20	56	56	52	33	61	55	51	42	47	43	44	
FW 190064 Red FW190064	1	WB 150441 FW 090051			72	107	117	93	87	99	112	101	119	110	71	66	105	107	117	114	116	118	116	117	113	103	102	77	91	102	117	121	120	129	99	122	
			Red		FW 090051	75	76	78	75	49	63	41	59	52	79	4.39	2.6	68	37	12	20	177	83	277	126	-123	0.7	21.6	6.7	-1.0	33.9	1	66	4.70	5.34	0.64	1.11
			FW190064												29	78	75	75	76	78	76	68	60	52	20	67	65	50	34	62	64	58	49	55	49	52	
FW 190068 Red FW190068	1	CP 168328 FW 160035			104	101	87	106	101	99	98	97	102	99	101	103	94	101	87	92	93	104	96	117	93	117	88	96	103	102	107	99	95	104	84	96	
			Red		FW 160035	75	74	75	71	44	61	31	55	42	65	1.57	-1.8	54	34	3	13	115	69	204	126	-88	1.2	15.1	-2.4	-2.7	33.7	1	49	2.33	2.32	-0.69	0.61
			FW190068												15	78	73	71	74	75	73	62	51	16	9	60	58	46	28	59	56	48	39	45	39	42	
FW 190070 Red FW190070	1	WB 150441 FW 090063			85	99	99	97	107	95	107	96	106	107	89	89	102	99	99	99	98	106	104	91	98	85	86	94	116	104	81	96	119	105	82	119	
			Red		FW 090063	76	77	79	76	49	64	36	58	43	76	2.67	-0.2	65	33	6	15	128	70	232	51	-96	0.1	14.3	-1.2	-4.4	35.0	-1	46	4.64	2.44	-0.85	1.04
			FW190070												31	79	76	76	77	79	77	66	53	28	19	57	56	52	33	62	55	51	41	45	41	43	
FW 190076 Red FW190076	1	CP 168328 FW 160063			112	103	77	111	83	96	98	95	98	92	92	118	90	103	77	86	89	96	105	82	106	121	101	79	77	103	124	104	95	94	90	94	
			Red		FW 160063	75	75	77	72	46	62	28	55	38	56	2.37	-3.5	49	35	0	11	102	61	237	25	-110	1.4	21.0	5.8	0.8	34.5	2	53	2.28	1.11	-0.13	0.58
			FW190076												16	78	74	72	75	77	75	60	44	16	10	49	47	48	30	59	46	42	36	40	36	38	
FW 200001 Red FW200001		1684 FW 120009			124	84	118	105	107	102	107	103	110	94	124	117	93	84	118	107	104	91	112	110	107	65	98	103	87	117	98	110	111	124	107	113	
			Red		FW 120009	72	73	74	70	43	60	31	54	40	58	-0.58	-3.5	52	25	12	17	146	57	264	106	-112	-0.6	19.8	-5.6	-0.5	42.1	0	57	3.85	4.72	1.26	0.94
			FW200001												24	75	71	70	73	74	72	62	47	49	13	55	53	48	26	56	51	45	37	42	37	40	
FW 200003 Red FW200003	2	VB 160004 FW 110056			129	61	82	120	93	65	73	62	78	80	124	119	82	61	82	75	60	63	79	85	75	119	106	112	75	99	74	69	82	95	86	82	
			Red		FW 110056	74	75	75	73	46	62	44	58	42	39	-0.64	-3.7	38	14	1	5	23	30	137	34	-57	1.3	23.1	-10.0	1.1	32.0	-2	24	1.10	1.23	-0.45	0.35
			FW200003												30	77	73	73	75	75	74	62	51	41	35	56	55	49	30	58	53	49	40	45	41	42	
FW 200009 Red FW200009	1	VB 160004 FW 160004			115	92	94	96	112	96	89	93	97	99	113	114	104	92	94	93	88	88	91	85	86	123	106	120	101	104	81	87	93	95	83	93	
			Red		FW 160004	73	74	75	72	45	61	42	57	41	65	0.38	-3.2	67	29	5	13	100	53	182	34	-75	1.4	23.1	-13.6	-2.4	35.0	-1	38	2.17	1.22	-0.72	0.56
			FW200009												30	77	72	72	74	75	74	61	49	34	35	54	53	48	30	57	51	47	39	43	39	41	

Breeding Values and Accuracies: Cows & Heifers

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Animal				Selection Values										Birth			Wean					Growth & Adaptability					Fertility				Frame		Carcass				
ID	% Inbreeding	Genomic Parentage	Index EBV Acc	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Comb mat	Cow-Calf wn	12m wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Frame score	Length	EMA	Fat	Marbling	Dress %	
FW 200010		VB	160004		114	99	109	78	112	106	100	104	104	118	110	120	123	99	109	106	98	97	105	101	104	125	110	108	110	107	106	102	88	107	99	90	
Red	1	FW	140003		74	73	72	73	46	61	44	58	46	90	0.71	-3.8	90	33	9	17	128	62	237	82	-107	1.5	24.9	-7.9	-3.6	36.4	0	50	1.64	2.68	0.65	0.50	
FW200010														29	78	73	73	73	72		73	63	52	55	35	59	57	49	30	59	55	50	44	49	44	46	
FW 200018		1684		FW	120047	107	102	132	104	107	121	116	121	120	99	109	102	93	102	132	122	129	101	124	104	120	101	122	102	93	114	121	126	122	122	104	123
Red	1	FW	120047		72	73	73	70	42	59	30	53	44	65	0.78	-1.7	53	34	17	23	214	66	309	90	-134	0.6	30.3	-5.4	-1.4	40.7	2	70	4.90	4.44	1.06	1.13	
FW200018														19	76	71	70	73	73	72		62	49	52	10	57	54	46	25	56	53	47	41	47	41	44	
FW 200027		RK	160079		112	94	109	103	108	105	87	101	84	97	113	108	96	94	109	104	104	90	87	101	85	123	74	96	108	110	99	96	89	77	95	86	
Red	1	FW	170033		72	74	74	72	43	60	46	57	52	62	0.37	-2.4	56	31	9	17	146	56	169	81	-74	1.4	8.8	-2.2	-3.3	38.2	0	45	1.70	-0.95	0.26	0.43	
FW200027														24	76	72	72	74	74	73		64	57	48	33	64	62	46	26	57	61	55	49	56	50	52	
FW 200060		FW	180043		130	75	102	125	116	96	108	98	106	79	133	114	76	75	102	93	91	82	101	108	93	121	75	117	116	103	87	93	94	115	113	97	
Red	2	FW	180058		71	71	72	70	37	57	28	51	33	39	-1.47	-3.1	31	21	7	12	110	48	221	100	-88	1.3	9.3	-12.1	-4.4	34.4	-1	43	2.26	3.67	1.84	0.63	
FW200060														17	74	70	70	71	72	71		50	42	21	11	49	47	35	23	52	46	41	31	35	31	33	
FW 200074		AV	170020		88	100	103	109	98	98	95	96	97	91	86	86	90	100	103	102	107	99	93	78	92	116	96	89	96	106	102	99	125	100	88	123	
Red		FW	090015		74	76	75	72	47	62	38	57	49	54	2.93	0.2	49	33	8	16	152	64	190	15	-86	1.2	18.7	0.7	-1.7	36.1	0	48	5.24	1.81	-0.28	1.13	
FW200074														29	78	73	72	76	75	74		65	57	57	18	63	61	51	30	60	60	55	47	51	47	49	
FW 210004		FW	190004		86	99	112	105	126	108	108	108	105	98	95	83	94	99	112	108	111	106	108	94	104	82	98	121	118	115	99	103	113	95	92	112	
Red	1	FW	190070		69	72	71	70	41	58	30	52	44	64	2.08	0.5	53	33	11	18	165	70	249	60	-106	0.0	19.5	-14.3	-4.6	40.7	0	51	4.05	1.16	-0.01	0.91	
FW210004														17	73	69	70	72	71	71		61	47	21	11	55	52	47	24	51	51	45	41	47	41	44	
FW 210008		FW	190004		79	95	111	111	109	98	102	98	102	93	94	69	88	95	111	106	110	106	104	117	102	94	101	113	94	110	106	106	115	101	89	114	
Red	3	FW	190064		69	71	70	70	40	57	32	52	50	57	2.19	2.2	46	31	10	17	162	71	234	126	-104	0.4	21.1	-10.5	-1.4	38.0	0	54	4.25	1.88	-0.26	0.95	
FW210008														17	74	69	70	71	70	70		62	52	30	11	62	59	45	24	51	57	50	46	53	47	50	
FW 210019		DKFE8E			98	91	99	91	105	88	97	88	91	105	87	107	109	91	99	96	89	98	101	128	106	114	112	108	102	101	112	95	92	103	89	92	
Red		FW	130003		73	74	72	72	45	60	32	54	44	73	2.91	-2.3	73	29	6	14	104	63	222	159	-110	1.1	25.9	-8.1	-2.4	33.1	1	45	1.99	2.20	-0.24	0.54	
FW210019														30	77	72	72	74	72	73		65	54	21	10	60	58	51	26	58	57	53	41	46	41	44	
FW 210024		RK	160079		101	92	73	123	100	86	80	82	83	79	100	92	80	92	73	79	79	87	85	71	80	105	82	95	101	103	86	84	87	80	97	85	
Red	2	FW	180020		68	72	67	69	43	58	42	55	42	38	1.62	-0.5	36	30	-2	9	76	53	160	-5	-66	0.8	12.6	-1.9	-2.4	34.1	-1	36	1.53	-0.67	0.44	0.40	
FW210024														25	74	68	69	72	67	69		61	50	27	33	55	53	47	26	56	52	48	40	45	41	42	
FW 210026		DKFE8E			103	98	96	92	99	95	86	91	90	109	101	107	108	98	96	97	93	99	92	112	94	112	107	109	94	97	98	89	81	113	97	84	
Red		FW	140069		73	73	69	70	45	59	34	54	44	78	1.55	-2.2	72	33	5	14	114	64	186	113	-90	1.0	23.6	-8.4	-1.4	30.9	0	41	0.95	3.38	0.48	0.37	
FW210026														32	77	71	70	73	69	71		64	53	21	14	59	57	51	26	58	56	52	41	46	41	44	
FW 210049		RK	170060		94	100	118	95	102	105	105	105	108	107	103	95	103	100	118	112	113	105	101	106	95	106	93	87	106	108	89	98	102	101	101	102	
Red	1	FW	160004		70	72	71	71	43	59	35	54	49	76	1.37	-0.9	65	34	12	19	169	70	220	94	-92	0.8	17.4	1.8	-3.0	36.8	-1	47	2.94	1.89	0.81	0.72	
FW210049														29	75	70	71	72	71	71		64	55	17	14	63	61	47	26	55	59	52	46	52	46	49	
FW 210054		RK	160079		132	71	112	123	116	96	88	93	80	76	128	119	76	71	112	98	96	70	91	93	87	105	80	96	113	119	91	86	88	81	89	86	
Red	1	FW	180080		71	73	72	72	43	59	42	56	44	35	-0.98	-3.7	31	19	11	13	123	36	182	58	-78	0.8	11.6	-2.2	-3.9	43.2	-1	38	1.61	-0.54	-0.25	0.42	
FW210054														25	76	71	72	73	72	72		63	50	27	33	55	53	48	26	56	52	48	41	46	41	44	

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ID	% Inbreeding	Genomic Parentage	Index EBV Acc	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Comb mat	Cow-Calf wn	12m wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Frame score	Length	EMA	Fat	Marbling	Dress %	
FW 220009		DUA 17G		FW 120009	95	115	101	99	112	118	95	114	110	106	86	100	101	115	101	106	112	110	92	123	82	96	91	116	93	112	81	93	117	125	87	119	
Red		FW 120009			72	73	67	57	46	57	36	53	50	74	2.95	-1.5	63	41	7	18	167	75	188	145	-69	0.5	16.3	-12.0	-1.3	39.3	-1	44	4.44	4.89	-0.43	1.05	
FW220009														34	76	67	57	73	67		66	67	59	37	13	64	63	54	25	58	62	57	47	52	48	50	
FW 220012		055 JLG		FW 160024	108	101	115	101	95	110	98	107	102	100	98	110	97	101	115	110	114	98	107	113	110	85	119	100	82	104	118	119	98	103	115	98	
Red	1	FW 160024			69	73	68	69	42	58	30	52	48	66	1.79	-2.6	58	34	11	19	172	63	243	113	-117	0.1	29.2	-4.5	0.1	34.9	1	64	2.57	2.15	1.97	0.66	
FW220012														27	75	69	69	73	68		70	64	52	27	7	59	57	47	22	57	55	50	45	50	45	48	
FW 220018		J53		FW 120059	91	94	140	103	109	111	102	110	99	97	91	89	93	94	140	125	130	101	103	132	104	87	114	93	109	113	98	106	108	98	102	107	
Red		FW 120059			66	69	65	38	37	51	24	46	28	62	2.45	-0.2	52	31	19	23	217	66	230	169	-107	0.1	26.9	-0.9	-3.5	40.0	0	54	3.58	1.56	0.91	0.82	
FW220018														14	72	56	38	69	65		57	54	37	28	9	43	41	41	19	50	39	35	25	30	25	28	
FW 220022		DUA 17G		FW 110078	95	106	99	108	119	111	97	108	103	99	86	96	92	106	99	101	108	105	96	120	89	119	100	126	110	105	94	89	110	121	80	112	
Red		FW 110078			72	74	70	71	45	60	34	55	47	65	2.98	-1.0	51	37	6	16	155	70	200	135	-81	1.3	20.7	-16.5	-3.6	35.2	0	40	3.74	4.44	-0.96	0.91	
FW220022														29	76	71	71	74	70		72	66	56	37	10	60	59	53	23	58	58	55	45	49	45	47	
FW 220028		055 JLG		FW 160028	98	111	109	98	64	104	105	103	100	101	75	99	101	111	109	110	115	106	104	117	106	109	119	61	55	102	102	103	89	85	98	88	
Red	1	FW 160028			70	73	69	70	44	59	33	54	48	67	3.95	-1.4	62	39	10	19	176	71	232	128	-111	0.9	28.8	14.0	3.9	33.5	0	52	1.77	-0.05	0.52	0.47	
FW220028														28	75	69	70	73	69		71	65	53	28	12	59	58	49	25	59	56	51	45	50	45	48	
FW 220035		DUA 17G		FW 130032	104	101	77	119	116	102	84	98	92	92	92	101	83	101	77	85	89	96	84	111	77	113	93	122	107	106	75	72	97	121	88	100	
Red		FW 130032			72	74	71	71	45	60	34	55	48	56	2.41	-1.6	40	34	-1	11	104	61	158	110	-59	1.1	17.6	-14.4	-3.2	36.2	-2	27	2.53	4.35	-0.32	0.68	
FW220035														32	76	71	71	74	71		72	66	55	37	13	58	57	54	24	58	57	54	46	50	46	48	
FW 220055		AV 190115		FW 160073	90	83	115	113	93	86	91	84	85	88	105	79	86	83	115	104	104	94	92	118	89	101	92	87	90	104	77	84	108	102	87	107	
Red	1	FW 160073			69	73	68	68	42	58	32	53	50	51	1.15	1.0	43	25	11	16	146	59	186	129	-81	0.6	17.1	1.6	-0.8	35.0	-2	36	3.54	2.02	-0.36	0.82	
FW220055														24	75	68	68	73	68		70	64	53	43	10	59	58	49	24	53	56	51	48	53	48	50	
FW 220062		WE 190029		FW 180080	118	79	135	118	98	104	85	99	92	84	125	104	79	79	135	116	122	83	86	88	80	128	92	100	78	111	81	86	97	101	96	97	
Red	1	FW 180080			68	73	66	68	42	57	30	52	45	45	-0.70	-1.9	35	23	18	19	193	49	163	44	-65	1.6	17.1	-4.4	0.7	38.9	-1	38	2.49	1.92	0.34	0.63	
FW220062														21	75	68	68	73	66		69	62	49	40	10	54	52	48	24	53	51	48	43	47	43	45	
FW 220064		FW 200005		FW 200006	102	111	117	90	103	118	104	116	108	109	100	107	109	111	117	115	117	109	106	122	105	106	101	100	92	110	108	109	99	105	99	100	
Red	1	FW 200006			64	68	62	64	35	53	33	49	44	78	1.61	-2.2	73	39	12	21	181	74	240	141	-109	0.8	21.0	-4.1	-1.1	38.4	1	56	2.73	2.47	0.65	0.69	
FW220064														17	71	63	64	68	62		65	57	46	40	18	54	52	41	19	44	50	44	42	47	42	44	
FW 220078		WE 190029		FW 190043	99	87	129	104	97	98	97	97	101	99	118	80	93	87	129	115	116	102	96	135	93	111	93	94	91	105	85	97	99	105	97	99	
Red	1	FW 190043			68	72	66	68	39	57	30	52	45	65	-0.04	0.9	53	27	16	20	177	67	204	179	-87	1.0	17.4	-1.5	-1.1	35.5	-1	46	2.66	2.45	0.47	0.68	
FW220078														22	75	68	68	72	66		69	60	47	39	12	51	50	46	22	50	49	46	43	47	43	45	
FW 230009		6305		FW 180020	112	103	95	102	106	108	98	105	101	100	108	110	98	103	95	98	100	109	96	114	93	100	105	103	82	119	86	92	102	108	107	103	
Red		FW 180020			85	85	83	82	80	75	80	76	80	67	0.84	-2.6	59	35	5	15	133	74	202	117	-87	0.6	22.6	-5.9	0.2	43.3	-1	43	2.97	2.85	1.34	0.74	
FW230009														79	87	84	82	85	83		83	84	81	79	78	82	82	81	78	82	82	81	80	81	80	80	
FW 230017		6305		FW 120045	97	95	116	115	103	105	102	104	102	92	107	85	83	95	116	109	117	107	97	113	92	72	88	105	82	113	82	88	96	119	120	98	
Red		FW 120045			86	87	85	83	81	76	80	77	81	55	0.95	0.3	40	31	12	18	179	72	206	114	-85	-0.4	15.1	-6.8	0.2	40.1	-1	39	2.38	4.08	2.39	0.66	
FW230017														80	87	85	83	87	85		85	84	82	79	79	83	83	82	79	83	82	82	81	81	81	81	

Breeding Values and Accuracies: Cows & Heifers

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Animal				Selection Values										Birth			Wean					Growth & Adaptability					Fertility				Frame		Carcass			
ID	% Inbreeding	Genomic Parentage	Index EBV Acc	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Comb mat	Cow-Calf wn	12m wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Frame score	Length	EMA	Fat	Marbling	Dress %
FW 230027	Red 4	 FW 210059  FW 210004			80	116	104	93	108	112	123	114	116	111	89	86	107	116	104	108	112	121	122	100	118	88	103	88	100	120	108	111	124	100	99	123
					83	84	81	79	79	73	78	74	79	81	2.68	0.2	70	42	8	19	166	85	301	77	-131	0.2	21.7	1.3	-2.3	44.0	1	58	5.09	1.81	0.66	1.12
														77	85	81	79	84	81		81	79	77	77	80	80	79	77	80	80	79	79	79	79		
FW 230032	Red 1	 AV 190115  FW 200018			108	87	121	119	104	104	90	100	95	85	112	95	80	87	121	110	116	91	93	101	89	101	102	103	93	108	84	92	102	120	88	104
					84	85	82	81	80	74	80	75	80	47	0.47	-0.9	36	27	13	18	177	57	192	82	-81	0.7	21.5	-5.9	-1.3	37.2	-1	43	2.99	4.30	-0.28	0.77
														78	86	83	81	85	82		83	81	81	78	82	82	80	78	81	81	81	80	81	80	80	
FW 230048	Red	 AV 170020  FW 150031			88	105	120	92	119	114	108	113	110	102	94	92	106	105	120	115	117	106	107	96	106	106	108	110	119	110	111	118	125	96	105	123
					86	87	85	83	82	76	81	77	82	69	2.25	-0.6	69	36	13	21	181	71	246	67	-110	0.8	24.1	-9.0	-4.7	38.0	1	64	5.20	1.35	1.10	1.12
														80	87	85	83	87	85		85	83	82	79	84	83	82	80	83	83	82	81	82	81	82	
FW 230052	Red 1	 WE 190029  FW 180088			112	84	120	111	97	98	78	92	90	92	124	99	86	84	120	108	109	91	80	102	75	117	89	101	90	103	74	80	97	94	89	96
					86	87	84	83	82	76	82	77	82	56	-0.66	-1.3	44	25	13	17	158	56	142	84	-56	1.2	15.7	-4.5	-0.9	34.1	-2	33	2.48	1.11	-0.24	0.61
														81	87	85	83	87	84		85	83	82	80	83	83	82	81	84	83	83	82	83	82	82	
FW 230056	Red 1	 AV 190115  FW 190043			80	91	110	99	85	84	90	82	93	103	89	82	100	91	110	104	101	102	92	78	86	88	81	90	86	94	72	81	90	98	79	90
					84	85	82	82	80	75	80	76	81	71	2.72	0.6	62	29	10	16	137	67	187	13	-76	0.2	12.2	0.4	-0.4	29.1	-2	34	1.85	1.60	-1.11	0.51
														79	86	83	82	85	82		83	81	80	78	82	82	80	78	82	82	81	81	81	81	81	
FW 230074	Red	 AV 170020  FW 120047			99	105	105	105	106	110	112	111	110	95	104	95	94	105	105	105	111	106	116	102	118	110	126	90	111	108	122	125	127	104	97	126
					87	87	85	83	82	77	82	78	82	59	1.26	-0.9	54	36	8	18	163	71	278	83	-131	1.0	32.2	0.2	-3.8	37.1	2	68	5.41	2.35	0.45	1.18
														80	88	85	83	87	85		85	83	82	80	84	84	83	80	84	84	83	82	83	82	82	
FW 230079	Red	 AV 170020  FW 120059			94	104	92	111	99	101	102	101	98	89	83	94	90	104	92	96	102	98	103	91	103	107	115	79	109	107	101	104	125	88	67	121
					86	87	85	83	82	76	81	77	82	52	3.19	-0.7	48	36	4	15	139	63	227	52	-105	0.9	27.1	5.8	-3.4	36.5	0	52	5.16	0.37	-2.13	1.09
														80	87	85	83	87	85		85	84	83	81	79	83	83	82	80	83	83	82	81	82	81	82
FW 230105	Red 1	 FW 210022  FW 210054			106	86	107	103	116	96	96	95	89	92	100	106	96	86	107	100	97	88	98	106	99	101	96	101	106	120	100	89	95	94	83	95
					83	84	82	80	79	74	78	75	78	55	1.61	-2.2	56	27	9	15	124	54	211	94	-98	0.6	18.6	-4.6	-3.1	43.6	0	40	2.33	1.14	-0.72	0.58
														77	85	82	80	84	82		82	81	79	77	77	80	80	79	77	80	80	79	78	78	78	78
FW 230107	Red	 AV 170020  FW 120009			108	110	103	95	105	114	109	114	111	104	97	113	105	110	103	105	108	105	104	102	101	99	101	107	94	108	100	111	123	104	96	122
					86	86	85	82	81	76	81	77	81	72	1.94	-3.0	68	38	8	18	155	70	234	83	-102	0.6	20.8	-7.4	-1.4	37.0	0	58	5.05	2.26	0.34	1.11
														80	87	84	82	86	85		84	84	82	81	79	83	83	82	79	83	83	82	81	81	81	
FW 240005	Red 1	FW 220031 FW 220062			102	98	115	106	109	109	97	106	109	100	104	98	92	98	115	109	114	97	96	76	90	124	105	106	96	112	90	93	106	123	92	109
					56	65	46	44	31	45	26	41	38	66	1.27	-1.2	51	33	11	18	171	62	203	9	-82	1.5	22.8	-7.1	-1.6	39.5	-1	44	3.37	4.68	0.00	0.85
														19	67	51	44	65	46		52	45	41	49	9	47	45	34	16	43	44	40	36	41	37	38
FW 240006	Red 1	FW 220013 FW 220049			84	100	110	118	111	107	91	103	100	87	90	74	81	100	110	107	117	104	94	116	91	102	108	114	102	106	91	94	104	110	91	105
					56	65	45	38	31	44	26	40	41	49	2.62	1.6	37	34	10	18	181	69	194	124	-84	0.7	24.0	-11.1	-2.5	36.2	-1	44	3.15	3.08	-0.05	0.78
														18	67	49	38	65	45		49	47	44	49	7	49	48	34	16	44	47	43	39	43	39	41
FW 240012	Red	018A FW 180067			135	97	109	101	107	115	109	114	115	104	124	132	98	97	109	105	105	101	109	97	104	93	103	99	106	107	110	111	103	119	119	105
					62	69	51	45	36	49	28	45	40	71	-0.65	-5.2	59	32	9	17	148	66	252	70	-106	0.3	21.6	-4.0	-3.0	36.5	1	58	3.05	4.08	2.29	0.79
														27	72	56	45	69	51		55	52	47	31	8	53	51	37	19	52	50	45	37	42	38	40

Breeding Values and Accuracies: Cows & Heifers

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Animal				Selection Values										Birth			Wean					Growth & Adaptability					Fertility				Frame		Carcass				
ID	% Inbreeding	Genomic Parentage	Index	Sire ID	Dam ID	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Comb mat	Cow-Calf wn	12m wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Frame score	Length	EMA	Fat	Marbling	Dress %
			EBV Acc																																		
FW 240014		AV	190115			120	72	105	130	104	89	86	86	90	75	129	100	71	72	105	94	93	79	84	89	77	102	78	108	99	102	68	74	88	113	96	90
Red	1					61	69	52	49	33	49	28	45	43	34	-1.07	-1.5	25	19	8	12	115	45	155	46	-60	0.7	10.9	-7.9	-2.1	33.9	-2	29	1.64	3.38	0.34	0.50
FW240014		FW	200060												20	71	56	49	69	52		57	49	45	41	9	50	49	35	18	47	48	44	41	45	42	43
FW 240021		9341				116	78	97	108	107	85	103	86	100	93	133	104	92	78	97	91	83	85	110	82	106	110	111	104	103	106	84	97	109	101	97	108
Red						57	67	45	40	31	45	26	41	40	57	-1.51	-1.9	51	22	6	11	88	51	256	26	-110	0.9	25.4	-6.0	-2.6	36.0	-1	46	3.64	1.95	0.48	0.84
FW240021		FW	160073												17	70	50	40	67	45		51	48	44	28	7	50	49	29	18	47	47	42	38	43	39	40
FW 240023		AV	190115			114	78	114	119	99	93	87	90	91	83	120	101	80	78	114	102	103	84	90	95	86	75	91	101	85	109	74	85	96	117	92	98
Red	1					62	69	53	49	35	50	28	46	44	44	-0.29	-1.5	36	23	11	15	141	50	180	64	-75	-0.3	16.4	-4.5	-0.2	37.5	-2	37	2.39	3.91	0.05	0.65
FW240023		FW	200001												21	72	56	49	69	53		57	52	46	46	10	52	50	38	19	48	49	45	43	46	43	44
FW 240024		AV	190115			91	86	107	116	100	90	88	87	89	88	99	81	83	86	107	100	102	96	87	109	83	85	86	97	99	103	67	78	100	108	80	100
Red	1					62	70	55	51	37	51	30	47	46	50	1.78	0.8	40	27	9	15	140	61	167	103	-71	0.1	14.1	-2.7	-2.1	34.3	-3	32	2.78	2.77	-1.00	0.70
FW240024		FW	190070												23	72	58	51	70	55		59	53	48	42	12	52	51	40	22	50	50	47	44	47	44	46
FW 240030		FW	220006			93	109	121	92	98	113	102	111	115	110	89	99	106	109	121	117	120	108	103	91	99	111	114	88	97	106	96	107	117	119	107	119
Red	1					54	65	40	28	26	41	26	38	38	79	2.66	-1.4	69	38	13	21	188	72	230	52	-99	1.0	26.6	1.5	-1.9	36.2	0	55	4.45	4.14	1.31	1.04
FW240030		FW	220018												11	68	44	28	65	40		44	43	40	46	10	47	45	25	13	40	43	39	36	41	36	38
FW 240031		9341				133	74	96	105	108	86	102	87	101	98	141	123	95	74	96	89	79	81	106	98	103	97	100	106	110	102	82	96	103	110	90	104
Red						57	67	42	38	30	44	28	41	40	63	-2.27	-4.1	55	20	5	10	75	47	240	71	-106	0.5	20.3	-7.2	-3.5	33.7	-1	46	3.05	3.09	-0.12	0.76
FW240031		FW	180030												17	70	49	38	67	42		49	47	43	26	10	49	48	27	17	46	47	42	38	42	38	40
FW 240035		018A				128	100	96	101	102	109	113	110	118	107	129	122	99	100	96	97	97	111	114	107	111	101	106	96	99	108	121	117	95	116	133	98
Red						62	69	52	46	36	49	28	45	40	75	-1.13	-4.1	60	33	5	15	127	75	271	97	-119	0.6	23.0	-2.3	-2.0	36.9	2	62	2.36	3.75	3.48	0.66
FW240035		FW	170056												29	72	56	46	69	52		56	52	45	23	9	51	49	37	19	52	48	43	38	43	38	40
FW 240037		WE	190029			97	93	122	106	88	99	81	94	88	98	115	77	92	93	122	112	116	99	82	108	78	117	85	97	79	98	79	85	92	106	101	93
Red	1					64	71	56	50	38	52	32	48	44	63	0.21	1.2	51	30	14	19	177	64	148	101	-62	1.2	13.7	-2.7	0.6	31.7	-2	37	2.06	2.50	0.82	0.56
FW240037		FW	140069												23	73	59	50	71	56		59	53	48	40	14	52	51	40	22	52	50	46	42	45	42	44
FW 240040		WE	190029			123	81	112	108	95	94	82	89	86	96	145	116	91	81	112	102	98	86	85	115	81	119	83	104	91	96	82	85	91	99	102	91
Red	1					64	71	56	50	37	51	32	47	44	61	-2.64	-3.3	50	24	10	15	129	52	162	120	-67	1.3	13.0	-6.3	-1.0	30.4	-1	37	1.96	1.69	0.87	0.52
FW240040		FW	120006												23	73	59	50	71	56		59	54	49	40	13	54	53	38	21	52	52	48	42	45	42	44
FW 240043		WE	190029			133	85	111	107	87	99	91	96	97	95	131	125	92	85	111	102	100	83	94	92	90	130	94	89	76	104	95	94	99	97	94	99
Red	1					62	69	52	49	35	49	28	45	44	60	-1.25	-4.4	51	26	10	15	134	49	194	53	-83	1.7	18.0	0.8	0.9	35.0	0	45	2.73	1.42	0.22	0.67
FW240043		FW	190021												19	72	57	49	69	52		57	51	46	37	8	51	50	37	19	49	49	45	42	46	42	44
FW 240048		AV	190115			116	76	101	117	103	86	77	81	84	83	124	103	83	76	101	93	88	79	78	94	74	104	94	110	92	103	64	71	86	103	81	87
Red	1					62	69	53	50	35	50	34	47	45	44	-0.58	-1.8	40	21	7	12	101	45	136	61	-55	0.7	17.9	-9.2	-1.1	34.2	-3	26	1.46	2.16	-0.94	0.44
FW240048		FW	200009												23	72	57	50	69	53		57	52	47	43	19	51	50	38	20	48	49	45	43	47	43	45
FW 240057		FW	200004			125	74	106	118	110	91	88	89	91	84	132	110	82	74	106	95	91	75	92	88	85	91	81	103	104	111	83	89	107	99	90	106
Red	1					57	67	44	41	30	45	31	42	42	45	-1.40	-2.7	38	20	9	12	109	41	185	42	-75	0.3	12.0	-5.9	-2.7	38.8	-1	40	3.44	1.72	-0.17	0.80
FW240057		FW	210044												15	70	50	41	67	44		51	46	44	19	17	51	49	29	16	44	47	42	39	44	40	42

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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 %
FW 240061	Red	1	WE 190029 FW 140003	112 64	88 71	136 56	97 50	105 37	108 51	92 30	104 47	104 44	104 71	132 -1.38	102 -1.7	100 61	88 27	136 18	120 21	118 184	92 58	93 191	77 11	85 -74	117 1.2	85 13.8	99 -4.0	105 -2.9	106 35.7	96 0	98 48	98 2.64	108 2.77	109 1.50	100 0.68	
FW240061														20	73	59	50	71	56		59	54	49	45	11	55	53	39	21	52	52	47	42	46	42	44
FW 240068	Red	1	WE 190029 FW 180080	117 63	74 70	133 54	119 51	93 38	96 51	83 30	92 47	88 45	83 43	126 -0.78	102 -1.6	78 34	74 21	133 17	113 18	116 178	80 46	83 155	92 55	78 -62	128 1.6	91 16.3	97 -2.7	76 1.0	108 36.9	78 -2	82 35	94 2.19	101 1.92	95 0.32	94 0.57	
FW240068														21	73	58	51	70	54		58	54	49	40	10	54	52	40	22	51	51	48	43	47	43	45
FW 240071	Red		FW 200004 FW 210019	106 58	85 68	98 46	99 43	105 31	87 46	93 26	85 42	95 40	100 66	105 1.14	106 -2.2	101 63	85 26	98 6	94 13	87 97	89 54	98 209	84 32	96 -92	99 0.6	93 17.5	102 -5.4	96 -1.6	110 38.1	98 0	92 43	103 3.10	111 3.16	79 -1.03	104 0.77	
FW240071														17	71	52	43	68	46		52	47	44	18	7	51	49	31	17	44	48	43	38	43	39	40
FW 240078	Red	1	WE 190029 FW 130032	109 64	83 71	131 56	128 51	91 38	103 52	78 32	97 48	86 46	79 39	118 -0.06	88 -0.1	71 24	83 25	131 16	115 19	127 209	87 52	80 142	103 86	75 -57	120 1.3	89 15.8	99 -4.0	80 0.4	100 32.6	80 -2	81 34	88 1.62	105 2.47	103 0.97	89 0.48	
FW240078														24	73	59	51	71	56		59	55	50	40	13	55	53	41	22	52	52	48	44	48	44	46
FW 240101	Red	1	FW 200004 FW 210054	121 57	78 67	106 46	114 43	114 30	95 46	92 30	92 43	89 40	86 48	124 -0.60	111 -2.7	85 42	78 22	106 8	97 13	93 114	80 45	95 198	102 84	91 -84	95 0.4	79 11.3	97 -2.6	101 -2.4	124 45.9	89 -1	90 41	101 2.88	100 1.79	79 -1.04	100 0.69	
FW240101														15	70	51	43	67	46		52	46	43	20	17	49	47	30	16	44	46	41	38	43	39	40
FW 250003	Red		SBF 220004 FW 220005	130 56	82 65	91 44	108 44	121 29	96 44	109 26	98 40	111 30	93 57	130 -1.17	122 -4.0	92 52	82 25	91 4	88 11	82 84	85 51	110 257	105 93	108 -113	125 1.5	99 19.9	121 -14.1	114 -4.1	109 37.9	115 1	111 57	96 2.37	115 3.66	118 2.24	98 0.65	
FW250003														24	69	51	44	65	44		51	41	38	24	11	46	43	30	17	40	42	37	28	31	28	30
FW 250005	Red		SBF 220004 FW 220012	117 58	97 66	98 46	97 45	107 31	103 46	113 24	104 42	113 31	105 73	113 0.37	116 -3.4	103 65	97 32	98 6	98 15	95 120	97 62	119 291	114 118	120 -134	106 0.8	119 29.1	107 -7.7	99 -2.1	107 36.7	131 2	129 72	101 2.90	107 2.68	116 2.07	102 0.73	
FW250005														26	70	52	45	66	46		52	44	40	19	7	47	45	33	18	43	43	38	29	33	30	31
FW 250009	Red	4	FW 230016 FW 230075	92 54	130 64	112 40	77 32	113 27	131 41	117 24	130 38	121 36	124 98	80 3.53	104 -1.9	124 92	130 48	112 10	118 23	120 189	126 90	115 276	95 62	115 -125	116 1.2	108 24.2	104 -6.1	109 -3.5	111 38.9	116 1	122 66	124 5.13	123 4.59	121 2.50	126 1.18	
FW250009														16	68	45	32	64	40		45	41	38	25	10	46	43	28	15	39	42	36	33	38	33	36
FW 250010	Red	1	FW 230058 FW 230014	100 54	100 64	112 39	102 32	101 26	107 41	103 23	106 37	108 36	104 71	118 -0.06	93 -0.6	96 56	100 34	112 10	108 18	111 165	104 69	105 235	106 94	102 -103	110 1.0	113 26.3	94 -1.4	94 -1.5	109 37.7	97 0	105 53	115 4.19	102 2.02	109 1.44	114 0.95	
FW250010														14	68	45	32	64	39		45	42	38	21	7	45	43	28	13	36	41	36	34	39	34	36
FW 250018	Red	1	AV 190115 FW 180067	131 62	75 70	114 55	122 50	102 35	98 50	78 30	92 46	84 44	80 40	126 -0.86	119 -3.7	77 32	75 21	114 11	101 14	102 138	75 41	81 144	73 0	75 -56	77 -0.2	90 16.0	103 -5.6	100 -2.3	101 33.4	65 -3	73 27	92 2.00	111 3.12	87 -0.43	93 0.56	
FW250018														21	72	57	50	70	55		58	53	49	46	11	54	53	38	20	48	52	47	42	46	43	44
FW 250020	Red	1	WE 190029 FW 200018	110 62	95 69	137 52	102 48	98 33	114 49	101 28	111 45	112 45	101 67	127 -0.91	99 -1.4	94 54	95 31	137 18	123 22	127 209	99 64	105 237	102 83	101 -101	116 1.2	108 24.1	96 -2.5	85 -0.2	109 37.7	102 0	110 57	117 4.39	114 3.53	103 0.97	117 1.02	
FW250020														19	72	56	48	69	52		56	52	46	45	8	51	50	36	18	46	49	45	43	47	43	45
FW 250022	Red		SBF 220004 FW 220018	100 56	111 65	109 45	91 34	113 29	116 43	118 22	117 39	117 24	111 80	98 1.79	104 -2.0	108 71	111 39	109 9	110 19	111 165	113 77	120 293	121 139	119 -132	108 0.9	119 28.7	101 -4.5	112 -3.9	112 39.2	124 2	127 70	111 3.89	105 2.37	110 1.58	112 0.91	
FW250022														24	68	48	34	65	45		48	40	36	20	8	42	40	31	16	41	39	34	23	26	23	24

Breeding Values and Accuracies: Cows & Heifers

												Value <80		Value >120		Breeding values with an accuracy < 5% are not printed																							
Animal				Selection Values								Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass									
ID	% Inbreeding	Genomic Parentage	Index EBV Acc	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Comb mat	Cow-Calf wn	12m wt	ADG	Veld growth	FCR	Skin Thickn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Frame score	Length	EMA	Fat	Marbling	Dress %				
			Sire ID Dam ID																																				
FW 250023		SBF 220004		96	95	102	102	106	96	110	98	107	99	102	94	97	95	102	100	99	103	112	116	110	114	106	100	103	107	111	113	108	106	103	108				
Red		FW 220055		58	66	46	45	31	46	25	42	32	65	1.46	-0.7	58	31	7	15	131	68	264	125	-118	1.1	23.3	-4.3	-2.6	36.8	1	59	3.54	2.61	0.92	0.84				
FW250023													26	70	52	45	66	46			44	40	26	8	47	45	33	18	41	44	39	31	34	31	32				
FW 250027		WE 190029		91	99	123	97	97	104	97	102	106	106	107	88	100	99	123	115	117	106	95	95	89	108	90	91	96	104	81	95	116	106	92	116				
Red	1	FW 190070		62	70	54	50	36	50	30	46	44	75	0.94	0.0	62	33	14	20	180	71	199	63	-80	0.9	16.1	-0.2	-1.8	34.9	-1	45	4.33	2.52	0.02	0.98				
FW250027													23	72	57	50	70	54	58		53	47	39	11	51	50	38	21	48	49	46	43	46	43	44				
FW 250029		SBF 220004		110	97	81	107	118	100	104	100	108	99	105	109	94	97	81	86	86	98	107	115	103	120	106	119	111	108	108	103	101	116	103	103				
Red	1	FW 220035		59	66	47	46	32	46	26	42	32	65	1.21	-2.5	54	32	1	11	94	63	244	120	-105	1.3	23.0	-13.1	-3.7	37.4	1	52	2.87	3.77	0.93	0.74				
FW250029													28	70	53	46	66	47	53		44	41	23	9	47	45	35	18	43	44	40	30	33	30	32				
FW 250031		731C		117	114	104	78	101	117	100	114	107	124	105	125	123	114	104	107	105	105	102	106	102	125	123	88	100	109	97	113	99	99	97	100				
Red		FW 170033		60	71	50	39	32	48	30	44	42	98	1.16	-4.4	90	40	8	19	147	70	226	95	-103	1.5	30.9	1.1	-2.3	37.7	0	59	2.73	1.70	0.44	0.68				
FW250031													15	73	51	39	71	50	53		54	49	19	11	54	53	31	18	48	52	47	39	44	39	42				
FW 250035		SBF 220004		101	100	95	104	120	105	110	106	112	100	97	102	96	100	95	97	98	104	113	119	109	123	109	122	113	107	117	112	106	116	99	107				
Red		FW 220022		58	66	47	46	32	46	26	42	31	66	1.96	-1.6	56	34	5	15	128	69	265	132	-115	1.4	24.5	-14.4	-3.9	36.7	1	58	3.33	3.82	0.60	0.83				
FW250035													27	70	53	46	66	47	53		44	41	23	8	47	45	35	18	43	44	40	30	32	30	31				
FW 250036		AV 190115		102	83	98	125	79	82	74	77	80	79	107	88	76	83	98	93	94	84	77	81	75	96	88	84	73	97	74	73	84	102	93	85				
Red	1	FW 160063		64	71	57	52	38	52	30	48	44	39	0.97	-0.1	31	25	6	12	118	50	132	23	-56	0.5	15.1	3.1	1.4	31.0	-2	28	1.28	2.04	0.11	0.40				
FW250036													21	73	59	52	71	57	60		55	49	42	11	53	52	41	23	51	51	48	43	46	43	44				
FW 250037		AV 190115		83	95	133	123	101	109	84	104	93	82	93	67	75	95	133	120	136	100	91	91	90	98	112	104	95	103	85	92	97	106	88	98				
Red	1	FW 120047		65	71	58	52	38	52	33	48	48	43	2.27	2.4	30	31	17	22	234	65	184	53	-83	0.5	25.9	-6.2	-1.6	34.1	-1	43	2.49	2.50	-0.31	0.64				
FW250037													23	74	60	52	71	58	60		57	54	48	11	59	57	41	22	52	56	52	46	51	47	48				
FW 250038				113	63	94	123	84	65	67	60	73	69	120	99	78	63	94	84	73	65	73	100	83	95	92	111	99	68	86	77	74	99	86	75				
Red		FW 180057		53	59	39	37	27	40	20	36	26	25	-0.25	-1.3	34	15	5	8	59	32	115	77	-70	0.4	17.0	-9.3	-2.1	15.2	-1	31	0.33	1.67	-0.48	0.22				
FW250038													12	64	46	37	59	39	45		35	31	14	7	34	33	27	18	36	33	30	24	28	24	26				
FW 250039		SBF 220004		96	102	108	95	107	105	115	106	118	108	107	95	104	102	108	106	106	111	116	124	113	120	108	102	103	108	117	122	106	108	108	107				
Red		FW 220078		57	66	45	44	30	45	24	41	30	77	0.94	-0.9	67	35	9	18	149	75	279	145	-123	1.3	23.9	-5.1	-2.7	36.9	1	66	3.33	2.82	1.35	0.82				
FW250039													25	70	52	44	66	45	52		42	39	24	9	45	43	32	18	40	41	37	29	31	29	30				
FW 250041		SBF 220004		105	111	106	89	97	112	118	114	121	113	104	110	110	111	106	108	108	111	119	126	118	118	114	92	98	102	132	131	104	115	113	106				
Red		FW 220021		58	66	46	45	31	46	24	42	30	83	1.27	-2.6	75	39	8	19	156	75	290	151	-131	1.2	26.6	-0.3	-2.0	33.9	2	73	3.16	3.67	1.82	0.80				
FW250041													26	70	52	45	66	46	52		44	40	19	7	47	44	33	17	43	43	38	28	31	29	30				
FW 250044		127K		108	87	109	113	123	103	104	103	106	88	109	100	85	87	109	102	103	91	108	103	108	107	109	111	123	112	114	108	93	104	101	94				
Red		FW 170043		57	69	47	36	27	45	20	40	28	50	0.81	-1.4	43	27	10	15	143	56	248	86	-113	0.9	24.6	-9.3	-5.4	39.4	1	55	2.14	2.28	0.77	0.58				
FW250044													12	72	49	36	69	47	51		46	32	11	8	38	36	24	15	42	35	30	26	31	26	28				
FW 250050		FW 200004		119	81	105	111	109	94	92	92	92	90	121	111	88	81	105	97	94	81	95	85	90	94	79	95	101	117	90	91	103	100	80	103				
Red	1	FW 210054		57	67	46	43	29	45	30	42	40	53	-0.31	-2.7	47	24	8	14	117	47	198	35	-82	0.4	11.3	-1.9	-2.4	42.1	-1	42	3.12	1.78	-1.02	0.74				
FW250050													15	70	51	43	67	46	52		46	43	20	17	49	47	30	16	42	46	41	38	43	39	40				

Breeding Values and Accuracies: Cows & Heifers

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

Animal				Selection Values										Birth			Wean					Growth & Adaptability					Fertility				Frame		Carcass				
ID	% Inbreeding	Genomic Parentage	Index EBV Acc	Sire ID	Dam ID	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Comb mat	Cow-Calf wn	12m wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Frame score	Length	EMA	Fat	Marbling	Dress %
FW 250053						107	89	97	112	90	90	71	84	83	84	110	100	88	89	97	94	94	83	75	99	84	92	94	110	113	69	92	89	87	97	91	87
Red		FW	140025			54	61	43	37	27	42	20	38	14	45	0.71	-1.4	47	28	6	13	118	49	121	76	-72	0.3	17.9	-9.1	-3.9	15.6	-1	40	1.54	1.43	-0.10	0.44
FW250053															15	64	47	37	61	43		47	35	31	19	9	34	33	27	17	36	32	30	13	14	13	14
FW 250056		AV	190115	FW	180078	116	84	121	120	88	99	85	95	92	86	121	101	78	84	121	109	114	85	89	89	85	96	107	94	85	96	71	83	93	112	100	94
Red	1					62	69	53	49	35	50	28	46	42	48	-0.35	-1.6	34	25	13	17	172	51	175	45	-74	0.5	23.7	-1.5	-0.2	30.3	-2	36	2.09	3.27	0.69	0.58
FW250056															22	72	57	49	69	53		57	53	47	41	9	52	50	38	20	48	49	45	40	44	41	42
FW 250060		127K		FW	170001	95	91	109	92	109	93	106	94	114	106	101	99	107	91	109	103	97	95	110	86	107	94	112	109	104	105	108	114	112	121	120	114
Red						58	70	47	37	28	45	20	40	32	74	1.58	-1.3	70	29	9	16	126	60	257	36	-111	0.4	26.0	-8.6	-2.7	35.3	1	60	3.92	4.36	2.40	0.95
FW250060															15	73	49	37	70	47		51	46	34	26	6	39	38	25	16	43	37	33	30	34	30	32
FW 250065		127K		FW	190043	84	102	103	99	103	98	104	98	111	103	88	87	100	102	103	103	104	105	104	83	99	100	100	95	103	106	95	100	101	108	98	103
Red						56	70	46	37	28	45	20	40	26	70	2.78	0.1	62	35	8	17	144	70	231	30	-98	0.6	20.6	-1.7	-2.7	36.2	0	49	2.92	2.85	0.57	0.74
FW250065															15	72	48	37	70	46		51	46	29	14	10	33	32	26	16	42	31	28	24	27	24	26
FW 250066		WE	190029	FW	190014	132	76	121	113	98	99	90	95	90	88	135	119	85	76	121	106	105	78	89	102	86	126	84	108	85	102	85	85	97	100	97	97
Red	1					62	69	53	49	33	49	28	45	44	51	-1.70	-3.7	42	22	13	16	146	44	176	84	-75	1.5	13.2	-8.2	-0.2	33.8	-1	37	2.49	1.88	0.45	0.63
FW250066															19	72	57	49	69	53		57	51	46	39	7	52	50	36	18	46	49	45	42	46	42	44
FW 250067		731C		FW	160035	115	96	112	107	108	110	91	106	107	95	116	109	92	96	112	107	110	94	95	93	90	112	119	96	114	106	86	100	99	116	105	101
Red						60	70	50	38	31	47	28	43	36	60	0.15	-2.5	51	31	10	17	160	59	198	57	-83	1.1	28.7	-2.5	-4.2	36.0	-1	49	2.65	3.71	1.10	0.70
FW250067															13	73	51	38	70	50		53	53	46	15	10	52	50	29	16	47	49	44	34	38	34	36
FW 250073		WE	190029	FW	210004	100	84	132	112	108	102	94	100	99	90	120	82	85	84	132	116	119	94	95	99	89	105	94	109	97	109	86	93	107	101	96	106
Red	1					61	69	51	48	33	49	28	45	45	53	-0.20	0.6	42	25	17	20	188	59	197	76	-81	0.8	17.8	-8.5	-1.9	37.4	-1	43	3.47	1.89	0.40	0.81
FW250073															19	71	55	48	69	51		56	51	45	37	8	51	49	37	17	45	48	44	43	47	43	45
FW 250074		AV	190115	FW	140054	83	108	122	107	71	104	87	100	91	94	73	74	91	108	122	117	127	111	89	101	88	111	100	73	67	96	80	89	95	106	88	96
Red						64	70	56	51	38	51	31	47	47	58	4.18	1.6	50	37	13	21	209	76	176	80	-79	1.0	20.4	8.2	2.2	30.4	-2	40	2.33	2.53	-0.34	0.61
FW250074															20	73	59	51	70	56		59	55	51	42	10	55	54	40	22	51	53	49	45	49	45	47
FW 250076		SBF	220004	FW	220062	118	89	109	105	108	103	107	103	110	96	121	111	93	89	109	102	101	93	110	101	107	128	106	106	97	111	114	114	103	106	107	104
Red						58	66	45	44	31	46	24	42	30	61	-0.37	-2.7	53	28	9	16	138	59	254	81	-111	1.6	23.3	-7.2	-1.8	38.6	1	60	3.06	2.56	1.27	0.76
FW250076															25	70	52	44	66	45		52	43	39	24	8	45	43	33	18	41	42	38	29	31	29	30
FW 250077		FW	230058	FW	230098	83	103	121	105	84	103	95	101	103	100	93	80	93	103	121	115	122	107	95	104	92	118	107	78	77	106	95	98	100	107	113	101
Red	2					54	64	40	33	27	41	24	38	36	66	2.32	0.9	52	35	13	20	195	71	200	89	-87	1.2	23.6	5.9	0.8	35.8	0	48	2.83	2.62	1.83	0.71
FW250077															15	68	45	33	64	40		46	42	38	21	8	45	43	29	14	37	41	36	34	38	34	36
FW 250078		WE	190029	FW	190010	100	92	126	104	104	106	85	101	98	97	120	83	93	92	126	115	117	100	85	94	76	104	82	102	103	104	89	92	96	101	109	96
Red	1					62	69	51	48	33	49	28	45	46	62	-0.24	0.5	53	30	15	20	181	65	161	60	-59	0.8	12.3	-5.1	-2.6	34.6	-1	43	2.38	1.98	1.47	0.61
FW250078															18	72	56	48	69	51		56	52	47	43	8	54	52	36	18	46	51	46	43	48	43	46
FW 250081		FW	200004	FW	140003	121	88	108	94	111	100	101	99	108	107	132	116	105	88	108	101	95	89	103	91	96	95	80	100	111	110	105	106	105	114	94	106
Red	1					62	69	52	45	33	49	28	45	40	76	-1.34	-3.3	68	27	9	15	119	55	229	52	-94	0.4	11.7	-4.2	-3.7	38.2	0	54	3.25	3.52	0.17	0.81
FW250081															14	72	55	45	69	52		55	48	46	30	10	53	51	33	20	47	49	43	38	43	38	40

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ID	% Inbreeding	Genomic Parentage	Index EBV Acc	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Comb mat	Cow-Calf wn	12m wt	ADG	Veld growth	FCR	Skin Thickn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Frame score	Length	EMA	Fat	Marbling	Dress %
FW 250089		FW 230016		103	102	122	97	106	114	100	111	106	103	106	102	100	102	122	115	118	103	102	82	100	103	101	96	100	112	97	102	109	128	129	112
Red 1		FW 230003		53	64	39	31	25	41	22	37	34	70	1.07	-1.7	62	35	13	21	184	68	225	26	-99	0.7	20.9	-2.5	-2.2	39.4	0	51	3.68	5.25	3.19	0.92
FW250089													12	68	44	31	64	39		45	40	37	25	7	45	42	26	12	36	41	35	32	37	32	34
FW 250099		AV 190115		101	84	102	124	106	93	86	89	88	80	109	85	77	84	102	96	99	87	88	87	87	105	100	112	101	101	87	81	87	102	91	88
Red		FW 150011		64	71	57	51	38	52	32	48	46	40	0.76	0.2	32	26	7	13	132	52	171	40	-77	0.8	20.6	-9.8	-2.3	33.5	-1	34	1.55	2.10	-0.05	0.46
FW250099													23	73	59	51	71	57	60		55	51	47	12	56	55	41	22	52	53	49	43	48	44	46
FW 250103		WE 190029		93	92	131	109	99	104	93	101	101	93	111	74	87	92	131	118	124	102	94	109	90	112	97	102	85	106	92	98	111	104	95	111
Red 1		FW 210008		60	69	50	48	33	48	28	44	46	57	0.62	1.5	45	30	16	21	200	67	195	104	-82	1.0	19.1	-5.4	-0.3	36.1	-1	47	3.88	2.25	0.30	0.89
FW250103													19	71	55	48	69	50	56		51	47	39	8	53	51	36	17	45	50	45	44	48	44	46
FW 250104		FW 200004		106	87	105	98	100	90	99	90	102	104	109	105	101	87	105	99	94	91	99	86	93	83	78	95	99	105	88	96	116	117	80	117
Red 4		FW 180030		60	68	49	44	32	47	28	43	41	71	0.79	-2.0	63	27	8	14	116	57	213	37	-88	0.0	10.7	-1.7	-2.1	35.3	-1	46	4.33	3.95	-0.98	1.01
FW250104													18	71	53	44	68	49	54		47	45	21	11	51	49	32	20	45	48	43	39	43	39	41
FW 250105		FW 200004		99	95	109	99	102	99	101	98	105	103	107	97	100	95	109	104	103	99	100	92	94	95	86	90	98	111	89	98	110	110	86	110
Red 2		FW 210049		57	67	46	42	29	45	28	42	42	70	0.96	-1.2	61	31	9	17	143	64	217	53	-89	0.4	14.2	0.2	-1.9	38.9	-1	47	3.74	3.00	-0.50	0.89
FW250105													17	70	51	42	67	46	52		46	44	17	9	52	50	30	16	42	48	43	40	45	40	42

Selection List on Cow Value

Bulls 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	FW 240002	FW240002	FW 220013	FW 220060	3.8			93	57	102	66	104	47	117	45	115	31	110	46	90	36	106	44	104	60	
2	FW 240015	FW240015	FW 220006	FW 220021	1.3			114	55	109	65	109	42	89	40	81	28	110	43	103	36	109	42	123	60	
3	FW 240033	FW240033	018A	FW 180072	0.1			125	62	110	69	103	50	95	45	95	35	117	49	110	36	117	46	119	58	
4	FW 240051	FW240051	018A	FW 170049	0.0			118	64	110	70	96	53	87	47	97	38	111	50	114	36	112	47	123	60	
5	FW 240084	FW240084	AV 170020	FW 170001	0.1			87	65	118	70	110	57	82	51	101	40	114	52	118	42	116	50	122	64	
6	FW 240085	FW240085	AV 170020	FW 180023	0.3			112	63	104	70	109	56	98	50	102	40	112	52	122	42	115	50	114	62	
								★★★★☆																		
1	FW 240073	FW240073	WE 190029	FW 140054	0.5			85	64	101	70	138	55	101	50	72	37	104	51	93	38	101	48	102	62	
2	FW 240097	FW240097	FW 200004	FW 210049	1.6			99	57	98	67	108	46	98	42	102	29	101	45	101	36	100	43	107	60	
3	SBF 220004	SBF 220004	DKF 55C	KDL 180051	0.0	PcPc	0 0	107	85	107	88	87	80	92	80	118	78	107	75	128	78	111	76	129	77	
4	WE 190029	WE190029	195D	WE 160007	0.0	PcPc	0 0	113	95	79	96	151	93	113	92	89	91	104	84	81	92	99	86	97	92	
								★★★★																		
1	FW 200004	FW200004	1684	FW 110061	0.1	PcPc	0 0	105	87	86	90	101	82	105	80	103	79	90	76	94	80	89	77	102	84	
2	FW 240067	FW240067	AV 190115	FW 190083	0.5			86	62	90	70	111	55	120	50	89	37	91	51	78	38	86	48	88	63	
								★★★★☆																		
1	AV 190115	AV190115	195D	AV 140051	0.0	PcPc	0 0	105	93	72	96	110	91	135	90	90	90	83	83	65	90	76	84	74	92	
2	FW 240013	FW240013	9341	FW 180057	0.0			134	57	78	66	86	41	104	38	109	30	86	44	92	36	85	42	91	60	

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						ni821	F94L	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc		
1	FW 200018	FW200018	1684	FW 120047	0.6												
1	FW 170043	FW170043	CP 147724	FW 150030	0.5	PcPc	0 0										
2	FW 180033	FW180033	FW 160017	FW 160010	1.4	PcPc	0 0										
3	FW 220009	FW220009	DUA 17G	FW 120009	0.0												
4	FW 220012	FW220012	055 JLG	FW 160024	0.6												
5	FW 220018	FW220018	J53	FW 120059	0.0												
6	FW 220022	FW220022	DUA 17G	FW 110078	0.0												
7	FW 220064	FW220064	FW 200005	FW 200006	0.9												
8	FW 230027	FW230027	FW 210059	FW 210004	4.2	PcPc	0 0										
9	FW 230048	FW230048	AV 170020	FW 150031	0.3	PcPc	0 0										
10	FW 230074	FW230074	AV 170020	FW 120047	0.1	PcPc	0 0										
11	FW 230107	FW230107	AV 170020	FW 120009	0.1	PcPc	0 0										
12	FW 240012	FW240012	018A	FW 180067	0.0												
13	FW 240030	FW240030	FW 220006	FW 220018	1.4												
1	FW 150011	FW150011	S008	FW 050034	0.1	PcPc	0 0										
2	FW 160035	FW160035	FW 140020	FW 140028	2.6	PcPc	0 0										
3	FW 170033	FW170033	KHC 100028	FW 120063	0.9	PcPc	0 0										
4	FW 180023	FW180023	KHC 150078	FW 150070	1.8	PcPc	0 0										
5	FW 180027	FW180027	FW 160008	FW 160024	2.8	PcPc	0 0										
6	FW 180067	FW180067	KHC 150078	FW 140063	1.5	PcPc	0 0										
7	FW 180084	FW180084	WB 150441	FW 130035	1.7	PcPc	0 0										
8	FW 190010	FW190010	4083B	FW 140003	0.1												
9	FW 200001	FW200001	1684	FW 120009	0.3												
10	FW 200010	FW200010	VB 160004	FW 140003	1.4												

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						ni821	F94L	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc												
												★★★★☆															
11	FW 200027	FW200027	RK 160079	FW 170033	1.1			112	72	94	74	109	74	103	72	108	43	105	60	87	46	101	57	84	52		
12	FW 210004	FW210004	FW 190004	FW 190070	0.8			86	69	99	72	112	71	105	70	126	41	108	58	108	30	108	52	105	44		
13	FW 210049	FW210049	RK 170060	FW 160004	0.9			94	70	100	72	118	71	95	71	102	43	105	59	105	35	105	54	108	49		
14	FW 220028	FW220028	055 JLG	FW 160028	0.8			98	70	111	73	109	69	98	70	64	44	104	59	105	33	103	54	100	48		
15	FW 220035	FW220035	DUA 17G	FW 130032	0.0			104	72	101	74	77	71	119	71	116	45	102	60	84	34	98	55	92	48		
16	FW 220062	FW220062	WE 190029	FW 180080	0.7			118	68	79	73	135	66	118	68	98	42	104	57	85	30	99	52	92	45		
17	FW 230009	FW230009	6305	FW 180020	0.3	PcPc	0 0		112	85	103	85	95	83	102	82	106	80	108	75	98	80	105	76	101	80	
18	FW 230017	FW230017	6305	FW 120045	0.5	PcPc	0 0		97	86	95	87	116	85	115	83	103	81	105	76	102	80	104	77	102	81	
19	FW 230032	FW230032	AV 190115	FW 200018	0.5	PcPc	0 0		108	84	87	85	121	82	119	81	104	80	104	74	90	80	100	75	95	80	
20	FW 230079	FW230079	AV 170020	FW 120059	0.2	PcPc	0 0		94	86	104	87	92	85	111	83	99	82	101	76	102	81	101	77	98	82	
21	FW 240005	FW240005	FW 220031	FW 220062	1.3			102	56	98	65	115	46	106	44	109	31	109	45	97	26	106	41	109	38		
22	FW 240006	FW240006	FW 220013	FW 220049	1.0			84	56	100	65	110	45	118	38	111	31	107	44	91	26	103	40	100	41		
23	FW 240035	FW240035	018A	FW 170056	0.2			128	62	100	69	96	52	101	46	102	36	109	49	113	28	110	45	118	40		
24	FW 240061	FW240061	WE 190029	FW 140003	0.8			112	64	88	71	136	56	97	50	105	37	108	51	92	30	104	47	104	44		
25	FW 240078	FW240078	WE 190029	FW 130032	1.4			109	64	83	71	131	56	128	51	91	38	103	52	78	32	97	48	86	46		
																		★★★★									
1	FW 150031	FW150031	S008	FW 080029	0.4	PcPc	0 0		87	89	86	89	125	90	101	87	119	83	98	79	95	82	96	80	105	82	
2	FW 150039	FW150039	KHC 090028	FW 090010	1.5	PcPc	0 0		151	88	80	87	81	89	108	86	97	81	90	77	90	80	88	78	77	80	
3	FW 150049	FW150049	KHC 100028	FW 120065	1.4	PcPc	0 0		100	89	94	88	116	89	117	87	80	82	99	78	74	82	92	79	90	82	
4	FW 160073	FW160073	WB 130309	FW 120025	0.9	PcPc	0 0		72	90	98	89	116	91	97	88	94	84	92	79	111	82	95	80	99	83	
5	FW 170049	FW170049	KHC 100028	FW 120025	0.9	PcPc	0 0		125	89	83	89	101	90	106	88	97	83	92	79	88	82	89	80	88	82	
6	FW 170056	FW170056	CP 147724	FW 150024	4.0	PcPc	0 0		134	87	80	87	94	88	115	86	105	80	94	77	103	79	94	77	99	80	
7	FW 180020	FW180020	KHC 100028	FW 090002	1.3	PcPc	0 0		101	88	107	88	75	88	97	87	95	83	94	78	86	82	91	79	95	82	
8	FW 180037	FW180037	KHC 120060	FW 090010	2.9	PcPc	0 0		116	87	100	87	90	88	86	86	97	82	97	77	95	80	95	78	88	80	
9	FW 180072	FW180072	KHC 150078	FW 150047	2.0	PcPc	0 0		132	87	75	87	117	87	127	86	93	81	98	77	84	80	94	78	85	80	
10	FW 180090	FW180090	KHC 150078	FW 140074	1.8	PcPc	0 0		136	87	82	87	105	87	118	86	95	82	99	77	94	82	97	78	92	82	
11	FW 190014	FW190014	FW 170025	FW 170017	0.8			128	73	81	74	93	76	113	73	107	44	92	61	99	31	92	55	85	42		
12	FW 190021	FW190021	CP 168328	FW 160028	0.5			95	75	110	74	78	75	99	72	82	46	93	61	108	32	95	55	100	40		

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												
								★★★★																			
13	FW 190043	FW190043	WB 150441	FW 140053	1.5			81	75	99	76	103	78	94	74	91	49	90	63	105	37	91	58	107	44		
14	FW 190064	FW190064	WB 150441	FW 090051	0.5			72	75	107	76	117	78	93	75	87	49	99	63	112	41	101	59	119	52		
15	FW 190068	FW190068	CP 168328	FW 160035	0.6			104	75	101	74	87	75	106	71	101	44	99	61	98	31	97	55	102	42		
16	FW 190070	FW190070	WB 150441	FW 090063	0.7			85	76	99	77	99	79	97	76	107	49	95	64	107	36	96	58	106	43		
17	FW 190076	FW190076	CP 168328	FW 160063	0.6			112	75	103	75	77	77	111	72	83	46	96	62	98	28	95	55	98	38		
18	FW 200009	FW200009	VB 160004	FW 160004	1.1			115	73	92	74	94	75	96	72	112	45	96	61	89	42	93	57	97	41		
19	FW 200060	FW200060	FW 180043	FW 180058	1.6			130	71	75	71	102	72	125	70	116	37	96	57	108	28	98	51	106	33		
20	FW 200074	FW200074	AV 170020	FW 090015	0.2			88	74	100	76	103	75	109	72	98	47	98	62	95	38	96	57	97	49		
21	FW 210008	FW210008	FW 190004	FW 190064	2.7			79	69	95	71	111	70	111	70	109	40	98	57	102	32	98	52	102	50		
22	FW 210026	FW210026	DKFE8E	FW 140069	0.0			103	73	98	73	96	69	92	70	99	45	95	59	86	34	91	54	90	44		
23	FW 210054	FW210054	RK 160079	FW 180080	0.8			132	71	71	73	112	72	123	72	116	43	96	59	88	42	93	56	80	44		
24	FW 220078	FW220078	WE 190029	FW 190043	1.0			99	68	87	72	129	66	104	68	97	39	98	57	97	30	97	52	101	45		
25	FW 230052	FW230052	WE 190029	FW 180088	1.2	PcPc	0 0		112	86	84	87	120	84	111	83	97	82	98	76	78	82	92	77	90	82	
26	FW 230105	FW230105	FW 210022	FW 210054	0.7	PcPc	0 0		106	83	86	84	107	82	103	80	116	79	96	74	96	78	95	75	89	78	
27	FW 240023	FW240023	AV 190115	FW 200001	0.5			114	62	78	69	114	53	119	49	99	35	93	50	87	28	90	46	91	44		
28	FW 240024	FW240024	AV 190115	FW 190070	0.9			91	62	86	70	107	55	116	51	100	37	90	51	88	30	87	47	89	46		
29	FW 240037	FW240037	WE 190029	FW 140069	1.3			97	64	93	71	122	56	106	50	88	38	99	52	81	32	94	48	88	44		
30	FW 240040	FW240040	WE 190029	FW 120006	1.2			123	64	81	71	112	56	108	50	95	37	94	51	82	32	89	47	86	44		
31	FW 240043	FW240043	WE 190029	FW 190021	0.8			133	62	85	69	111	52	107	49	87	35	99	49	91	28	96	45	97	44		
32	FW 240057	FW240057	FW 200004	FW 210044	1.0			125	57	74	67	106	44	118	41	110	30	91	45	88	31	89	42	91	42		
33	FW 240068	FW240068	WE 190029	FW 180080	0.7			117	63	74	70	133	54	119	51	93	38	96	51	83	30	92	47	88	45		
34	FW 240101	FW240101	FW 200004	FW 210054	0.9			121	57	78	67	106	46	114	43	114	30	95	46	92	30	92	43	89	40		
								★★★★☆																			
1	FW 160063	FW160063	KHC 100028	FW 100062	0.8	PcPc	0 0		92	89	97	88	89	90	118	87	68	82	85	78	82	81	81	79	85	80	
2	FW 180030	FW180030	WB 150441	FW 120025	0.5	PcPc	0 0		114	88	86	88	105	88	85	87	95	83	88	78	106	81	89	79	106	82	
3	FW 180057	FW180057	KHC 100028	FW 090031	1.2	PcPc	0 0		113	88	85	87	89	88	96	87	101	83	84	78	82	82	81	79	85	82	
4	FW 180080	FW180080	KHC 100028	FW 080037	0.6	PcPc	0 0		128	89	68	89	117	89	129	88	94	84	89	79	84	82	86	80	79	82	
5	FW 180088	FW180088	KHC 150078	FW 140046	2.0	PcPc	0 0		128	88	72	88	90	89	119	87	108	83	84	78	69	82	78	79	73	81	

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												
								★★★★																			
6	FW 210019	FW210019	DKFE8E	FW 130003	0.0			98	73	91	74	99	72	91	72	105	45	88	60	97	32	88	54	91	44		
7	FW 210024	FW210024	RK 160079	FW 180020	1.5			101	68	92	72	73	67	123	69	100	43	86	58	80	42	82	55	83	42		
8	FW 220055	FW220055	AV 190115	FW 160073	1.3			90	69	83	73	115	68	113	68	93	42	86	58	91	32	84	53	85	50		
9	FW 230056	FW230056	AV 190115	FW 190043	1.0	PcPc	0 0		80	84	91	85	110	82	99	82	85	80	84	75	90	80	82	76	93	81	
10	FW 240014	FW240014	AV 190115	FW 200060	1.2			120	61	72	69	105	52	130	49	104	33	89	49	86	28	86	45	90	43		
11	FW 240021	FW240021	9341	FW 160073	0.0			116	57	78	67	97	45	108	40	107	31	85	45	103	26	86	41	100	40		
12	FW 240031	FW240031	9341	FW 180030	0.1			133	57	74	67	96	42	105	38	108	30	86	44	102	28	87	41	101	40		
13	FW 240048	FW240048	AV 190115	FW 200009	0.8			116	62	76	69	101	53	117	50	103	35	86	50	77	34	81	47	84	45		
14	FW 240071	FW240071	FW 200004	FW 210019	0.5			106	58	85	68	98	46	99	43	105	31	87	46	93	26	85	42	95	40		
								★★★★																			
1	FW 170001	FW170001	WB 130309	FW 140040	4.1	PcPc	0 0		93	88	73	88	123	89	89	86	103	81	77	78	104	81	79	79	109	82	
								★★★★																			
1	FW 200003	FW200003	VB 160004	FW 110056	1.7			129	74	61	75	82	75	120	73	93	46	65	62	73	44	62	58	78	42		

Selection List on Cow Value

Bull calves younger than 2 years

ID Sorted on ID	Name	Sire ID	Dam ID	% Inbreeding	Horned / Polled	Myostatin n1821 F94L	Genomic test	Calving Ease Value Acc	Calf Growth Value Acc	Milk Value Acc	Maint. Value Acc	Fertility Value Acc	Cow Value Acc		Growth Value Acc	Prod Value Acc	Carcass Value Acc
														★★★★★			
1	FW 250090	FW250090	FW 230016	FW 230073	0.5			88 54	129 64	106 40	76 31	108 27	125 41		117 25	125 38	121 36
														★★★★★			
1	FW 250001	FW250001	FW 230016	FW 230020	1.3			87 55	129 65	94 42	79 35	93 30	115 43		104 28	114 40	108 36
2	FW 250002	FW250002	FW 230058	FW 230049	1.3			94 54	108 64	114 39	98 31	102 26	112 41		92 25	108 38	106 34
3	FW 250008	FW250008	FW 230016	FW 230107	0.9			104 54	109 65	100 41	92 32	108 28	111 42		106 26	110 39	111 36
4	FW 250013	FW250013	FW 230058	FW 230017	2.1			87 56	103 65	124 43	107 37	97 29	110 43		97 26	107 40	108 38
5	FW 250014	FW250014	FW 230058	FW 230021	3.6			89 56	109 65	126 42	96 37	98 28	115 43		102 25	113 39	115 38
6	FW 250034	FW250034	SBF 220004	FW 220064	0.3			103 56	115 65	100 44	86 43	111 29	117 44		119 26	118 40	123 30
7	FW 250040	FW250040	WE 190029	FW 210010	0.6			99 60	101 68	130 50	103 48	111 32	118 48		96 26	114 44	102 44
8	FW 250048	FW250048	FW 230016	FW 230048	0.9			91 54	108 64	110 40	91 32	117 28	113 42		105 26	111 39	111 36
9	FW 250059	FW250059	127K	FW 140012	0.0			125 59	92 71	106 49	108 37	117 29	110 46		98 22	108 41	109 29
10	FW 250094	FW250094	FW 230058	FW 230027	2.5			80 54	113 64	117 40	96 33	101 26	114 41		108 23	113 37	115 36
11	FW 250102	FW250102	SBF 220004	FW 220093	0.3			98 57	114 66	112 45	86 44	108 30	118 45		119 24	119 41	126 30
														★★★★★			
1	FW 250004	FW250004	WE 190029	FW 190076	0.7			107 62	97 70	113 53	106 49	85 34	102 50		91 27	99 45	101 43
2	FW 250006	FW250006	FW 230058	FW 230105	0.9			97 54	95 64	117 40	102 33	103 26	102 41		94 25	100 38	101 35
3	FW 250030	FW250030	FW 230058	FW 230096	1.8			76 54	108 64	130 40	101 33	88 27	109 41		96 24	106 38	108 36
4	FW 250033	FW250033	WE 190029	FW 190083	0.5			84 62	97 70	130 53	107 50	89 36	103 50		87 30	99 46	97 46
5	FW 250043	FW250043	FW 230016	FW 230028	1.2			118 54	94 64	110 40	103 31	107 26	107 41		94 24	104 38	103 36
6	FW 250045	FW250045	127K	FW 170043	0.0			106 57	102 69	104 47	86 36	120 27	109 45		115 20	110 40	124 28
7	FW 250054	FW250054	731C	FW 190008	0.1			89 58	122 70	86 47	77 37	109 29	109 46		100 27	107 42	112 38
8	FW 250055	FW250055	127K	FW 180033	0.0			102 57	97 70	112 46	106 37	109 27	106 45				103 26
9	FW 250064	FW250064	127K	FW 130032	0.0			114 60	92 71	100 50	119 39	103 31	103 47		90 23	99 42	101 28
10	FW 250068	FW250068	127K	FW 140040	0.0			87 59	99 70	119 48	98 38	115 29	106 46		98 22	104 41	112 30
11	FW 250071	FW250071	WE 190029	FW 200010	0.7			114 62	85 69	128 51	96 49	103 35	101 49		91 34	98 46	101 45
12	FW 250072	FW250072	SBF 220004	FW 220028	0.3			104 58	103 66	97 46	97 45	93 32	100 46		116 26	103 42	115 31
13	FW 250080	FW250080	WE 190029	FW 190064	0.7			74 62	99 70	139 53	104 50	90 36	105 50		97 31	103 46	109 47
14	FW 250087	FW250087	FW 200004	FW 150049	3.0			98 61	108 69	104 51	96 44	92 33	106 48		90 29	102 44	105 44

Selection List on Cow Value
Bull calves younger than 2 years

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	Carcass Value Acc
								★★★★☆									
15	FW 250095	FW250095	SBF 220004	FW 220060	0.3			10558	9466	9646	11544	11031	10146		10126	10042	10532
16	FW 250100	FW250100	SBF 220004	FW 220068	0.3			9158	10566	10046	10645	10231	10446		10524	10442	10830
								★★★★									
1	FW 250024	FW250024	SBF 220004	FW 220083	0.2			9757	9766	9946	10944	10631	9946		10724	10042	10730
2	FW 250061	FW250061	127K	FW 180088	0.0			11457	8870	9346	11036	11327	9545				9620
3	FW 250070	FW250070	AV 190115	FW 180027	0.9			10062	8870	11554	11349	10435	9850		8230	9346	9146
4	FW 250085	FW250085	FW 200004	FW 150031	0.5			8461	9369	11452	10044	11333	9748		9630	9644	10741
5	FW 250098	FW250098	FW 200004	FW 150039	1.5			12861	8469	9151	10644	10232	9148		9230	8944	9141
6	FW 250101	FW250101	FW 200004	FW 180037	1.3			10959	9669	9549	9444	10231	9647		9529	9443	9640
								★★★★☆									
1	FW 250017	FW250017	AV 190115	FW 170049	0.5			11864	7770	10356	11751	9338	8651		7730	8147	8347
								★★★									
1	FW 250046	FW250046	9341	FW 170056	1.0			10957	6667	8443	11837	11327	6944		10026	7140	10040

Selection List on Cow Value
Heifers younger than 2 years

ID Sorted on ID	Name	Sire ID	Dam ID	% Inbreeding	Horned / Polled	Myostatin n1821 F94L	Genomic test	Calving Ease Value Acc	Calf Growth Value Acc	Milk Value Acc	Maint. Value Acc	Fertility Value Acc	Cow Value Acc		Growth Value Acc	Prod Value Acc	Carcass Value Acc
														★★★★★			
1	FW 250009	FW250009	FW 230016	FW 230075	3.9			9254	13064	11240	7732	11327	13141		11724	13038	12136
														★★★★★			
1	FW 250020	FW250020	WE 190029	FW 200018	0.6			11062	9569	13752	10248	9833	11449		10128	11145	11245
2	FW 250022	FW250022	SBF 220004	FW 220018	0.4			10056	11165	10945	9134	11329	11643		11822	11739	11724
3	FW 250031	FW250031	731C	FW 170033	0.0			11760	11471	10450	7839	10132	11748		10030	11444	10742
4	FW 250041	FW250041	SBF 220004	FW 220021	0.4			10558	11166	10646	8945	9731	11246		11824	11442	12130
5	FW 250067	FW250067	731C	FW 160035	0.0			11560	9670	11250	10738	10831	11047		9128	10643	10736
6	FW 250089	FW250089	FW 230016	FW 230003	0.9			10353	10264	12239	9731	10625	11441		10022	11137	10634
														★★★★☆			
1	FW 250005	FW250005	SBF 220004	FW 220012	0.3			11758	9766	9846	9745	10731	10346		11324	10442	11331
2	FW 250010	FW250010	FW 230058	FW 230014	1.1			10054	10064	11239	10232	10126	10741		10323	10637	10836
3	FW 250027	FW250027	WE 190029	FW 190070	0.8			9162	9970	12354	9750	9736	10450		9730	10246	10644
4	FW 250029	FW250029	SBF 220004	FW 220035	0.5			11059	9766	8147	10746	11832	10046		10426	10042	10832
5	FW 250035	FW250035	SBF 220004	FW 220022	0.5			10158	10066	9547	10446	12032	10546		11026	10642	11231
6	FW 250037	FW250037	AV 190115	FW 120047	0.7			8365	9571	13358	12352	10138	10952		8433	10448	9348
7	FW 250039	FW250039	SBF 220004	FW 220078	0.3			9657	10266	10845	9544	10730	10545		11524	10641	11830
8	FW 250044	FW250044	127K	FW 170043	0.0			10857	8769	10947	11336	12327	10345		10420	10340	10628
9	FW 250073	FW250073	WE 190029	FW 210004	0.7			10061	8469	13251	11248	10833	10249		9428	10045	9945
10	FW 250074	FW250074	AV 190115	FW 140054	0.5			8364	10870	12256	10751	7138	10451		8731	10047	9147
11	FW 250076	FW250076	SBF 220004	FW 220062	0.3			11858	8966	10945	10544	10831	10346		10724	10342	11030
12	FW 250077	FW250077	FW 230058	FW 230098	2.0			8354	10364	12140	10533	8427	10341		9524	10138	10336
13	FW 250078	FW250078	WE 190029	FW 190010	0.6			10062	9269	12651	10448	10433	10649		8528	10145	9846
14	FW 250081	FW250081	FW 200004	FW 140003	0.9			12162	8869	10852	9445	11133	10049		10128	9945	10840
15	FW 250103	FW250103	WE 190029	FW 210008	0.6			9360	9269	13150	10948	9933	10448		9328	10144	10146
														★★★★			
1	FW 250003	FW250003	SBF 220004	FW 220005	0.4			13056	8265	9144	10844	12129	9644		10926	9840	11130

Selection List on Cow Value
Heifers younger than 2 years

ID Sorted on ID	Name	Sire ID	Dam ID	Inbreeding %	Horned / Polled	Myostatin n1821 F94L	Genomic test	Calving Ease Value Acc	Calf Growth Value Acc	Milk Value Acc	Maint. Value Acc	Fertility Value Acc	Cow Value Acc		Growth Value Acc	Prod Value Acc	Carcass Value Acc
								★★★★									
2	FW 250018	FW250018	AV 190115	FW 180067	0.9			13162	7570	11455	12250	10235	9850		7830	9246	8444
3	FW 250023	FW250023	SBF 220004	FW 220055	0.2			9658	9566	10246	10245	10631	9646		11025	9842	10732
4	FW 250050	FW250050	FW 200004	FW 210054	0.9			11957	8167	10546	11143	10929	9445		9230	9242	9240
5	FW 250053	FW250053		FW 140025	0.0			10754	8961	9743	11237	9027	9042		7120	8438	8314
6	FW 250056	FW250056	AV 190115	FW 180078	1.3			11662	8469	12153	12049	8835	9950		8528	9546	9242
7	FW 250060	FW250060	127K	FW 170001	0.0			9558	9170	10947	9237	10928	9345		10620	9440	11432
8	FW 250065	FW250065	127K	FW 190043	0.0			8456	10270	10346	9937	10328	9845		10420	9840	11126
9	FW 250066	FW250066	WE 190029	FW 190014	0.7			13262	7669	12153	11349	9833	9949		9028	9545	9044
10	FW 250099	FW250099	AV 190115	FW 150011	0.3			10164	8471	10257	12451	10638	9352		8632	8948	8846
11	FW 250104	FW250104	FW 200004	FW 180030	3.9			10660	8768	10549	9844	10032	9047		9928	9043	10241
12	FW 250105	FW250105	FW 200004	FW 210049	1.6			9957	9567	10946	9942	10229	9945		10128	9842	10542
								★★★★☆									
1	FW 250036	FW250036	AV 190115	FW 160063	0.9			10264	8371	9857	12552	7938	8252		7430	7748	8044
								★★★☆☆									
1	FW 250038	FW250038		FW 180057	0.0			11353	6359	9439	12337	8427	6540		6720	6036	7326

