

TULI

GENOMIC BREEDING VALUE REPORT

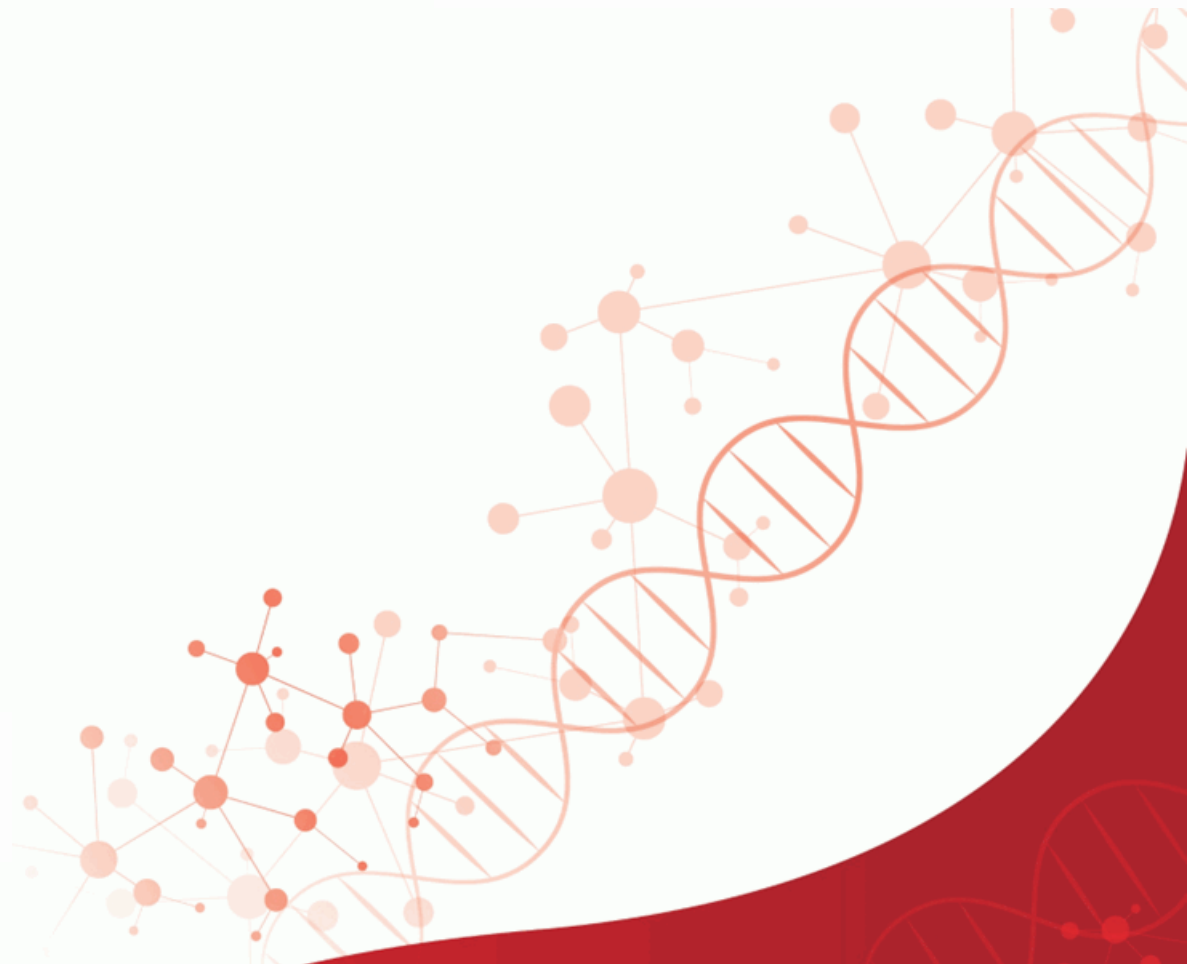
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SA Stud Book's breeding value analyses are at a very high standard and are internationally accredited. The models were adjusted to enable a more precise determination of current breeding values.

Genomic Breeding Values (GEBVs)



Genomically analyzed animals are marked with the accompanying logo. Older animals with accurate breeding values (Reference Population) are used to determine the relationship between the SNP markers and the breeding values, which are unique to each breed. Production measurements, pedigrees and genomic information are used to estimate Genomic Breeding Values (GEBVs). Genomically tested young animals therefore have extra information with which breeding values can be estimated especially for complex traits such as fertility and milk.

 Parentages can be determined very accurately with 50 000 markers, instead of the 15-30 markers with previous DNA tests, provided that the parent has also been genomically tested. Parentages are indicated as follows in this report:

- ☐ The parent has not been tested, and the parentage cannot therefore be confirmed genomically.
- ☒ Parentage is genomically correct
- ☒ Parentage conflict. If the correct parent has been genomically tested, SA Studbook will contact you. If the breeder of the animal confirms that the genomically designated parent was also on the farm at the time of mating, the parentage can be corrected. Please work extremely carefully when collecting and marking hair samples, otherwise the test must be repeated. If there are any queries, please contact Jason Reding at jason@studbook.co.za

Update to the Evaluation

Best scientific practice and technological improvements have made it possible to update the Genomic Evaluation as follows:

1. **Previous Calf:** A cow whose previous calf died or was not weaned will have its cow fertility and current calf's weaning weight penalized.
2. **The age adjustment** is within the contemporary group for weaning weight and growth traits instead of across the breed as before. This adjustment may affect some herds more than others.
3. **Mature Weight EBV/Maintenance Value** uses all of the cow's weights at weaning as a repeated measurement, not just the first 3 measurements as before. The EBV appears as Cow Weight Weaning on the report.

New breeding values

- **Cow weight at birth of the calf**
- **Cow weight at weaning of the calf**
- **Cow-Calf Ratio at birth of the calf.** The Cow-Calf ratio is calculated with breeding values.
- **Cow-Calf Ratio at weaning of the calf.** The Cow-Calf ratio is calculated with breeding values.
- **Veld growth breeding value:** The growth rate and adaptability from weaning to year or 18 months for animals in Phase B on the veld.
- **Skin thickness:** Skin thickness is an indication of adaptation, where thicker skins protect the animal more against ticks as well as heat (due to an increase in blood vessels in the skin)



EBVs, EBVi's and GEBVs

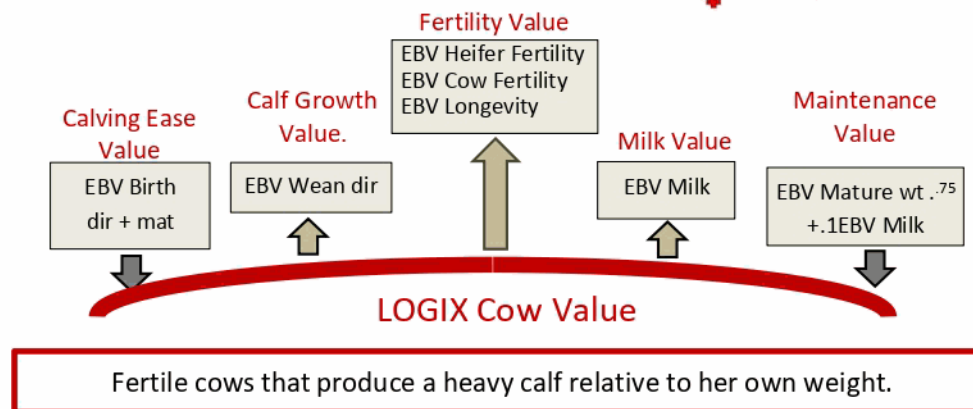
EBVi (Breeding Value Index): Genetic potential relative to the average (100) of the live animals in the breed. Roughly 50% of the animals have values between 90 and 110. Values above 100 tend to be in the more favourable direction.

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

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

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

LOGIX Cow Value



Selection Values

LOGIX Cow Value



Selecting for:

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

LOGIX Growth Value



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

LOGIX Production Value



80% LOGIX Cow Value +
20% LOGIX Growth Value

LOGIX Carcass Value



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

How to use the Cow Value

Selection values should be compatible with your selection goal.

AVERAGE ANIMALS

(NO GROWTH EXTREMES)

- Selection Values 90 to 110
- Cow Value and Fertility Value average to high

A safe choice, as animals are profitable in most

GROWERS

(GOOD ENVIRONMENT)

- Calf Growth / Growth Value > 120
- Cow Value and Fertility Value average to high

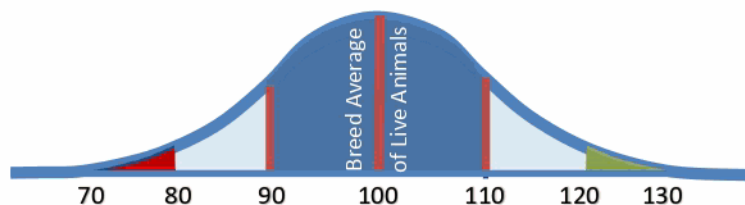
Growers are usually heavier at birth (lower Calving Ease Value), and maturity (lower Maintenance Value).

LOW- MAINTENANCE ANIMALS

(HARSH ENVIRONMENT)

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

Interpretation of EBVi and Selection Values

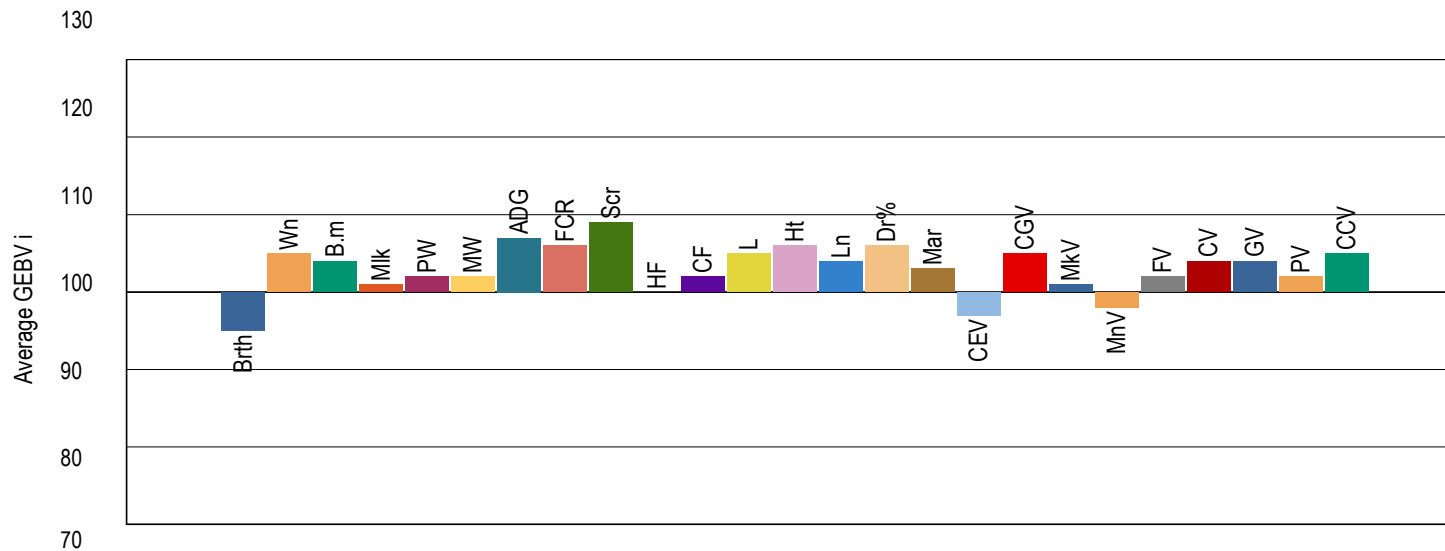


Examples

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

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

Herd and Breed Averages



Genomic Breeding Values (GEBVs):

Brth:	Birth weight	Scr:	Scrotal circumf.
Wn:	Weaning weight	HF:	Heifer Fertility
B.m:	Birth maternal	CF:	Cow Fertility
Milk:	Milk	LL:	Longevity
PW:	Post-wean weight	Ht:	Height
MW:	Mature weight	Ln:	Length
ADG:	Average Daily Gain	Dr%:	Dressing%
FCR:	Feed Conversion Ratio	Mar:	Marbling

Selection Values:

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

	Trait	EBV Herd	EBVi Herd	EBV Breed
Prewean Growth	Birth Weight	1.37	95	0.97
	Wean Weight	8.4	105	6.4
	Birth Mat.	-0.08	104	0.05
	Milk (Wn.Mat.)	2.1	101	1.9
Postwean Growth	Postwean Wt	11.1	102	10.1
	Mature Weight	21	102	18
	ADG	101	107	87
	FCR	-22	106	-17
Fertility	Scrotal Circumf.	17.0	109	12.8
	Heifer Fertility	-6.1	100	-5.9
	Cow Fertility	-2.9	102	-2.6
	Longevity	21.8	105	18.6
Frame	Height	18	106	14
	Length	25	104	23
Carcass	Dressing%	0.11	106	0.04
	Marbling	0.21	103	-0.12

Selection Value	Ave. Herd
Calving Ease	97
Calf Growth	105
Milk	101
Maintenance	98
Fertility	102
Cow Value	104
Growth Value	104
Production Value	102
Carcass Value	105

- 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?:

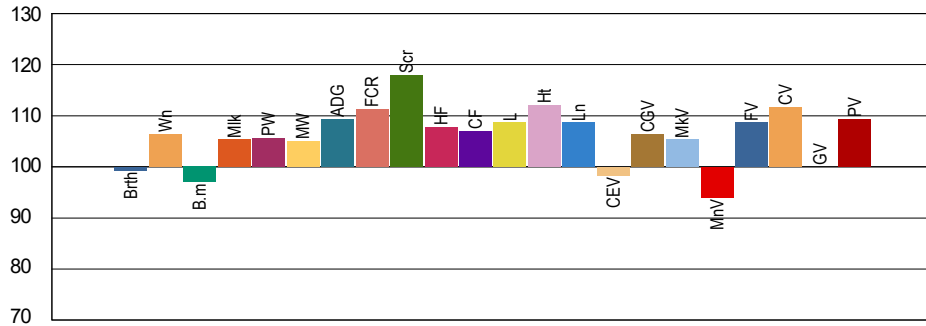
Calving ease:	Smaller calf at birth - easier calving
Calf growth:	Heavier calves at wean due to growth potential of the calf
Milk:	Cows with more milk and better mothering ability
Maintenance:	Animals with low maintenance requirements (lower mature weight).
Fertility:	Cows/daughters that calve earlier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

Genetic Windows

Bulls on the farm

Bulls born in 2023 and earlier

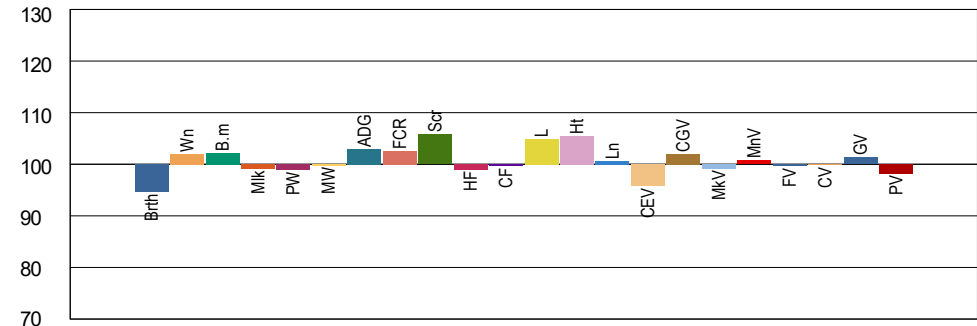
Total: 3



Cow Herd

Cows born in 2024 and earlier

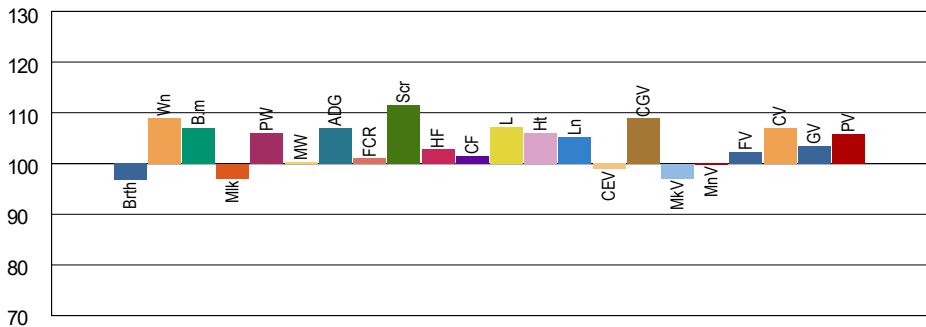
Total: 92



Sires of young animals

Sires of animals 3 years and younger

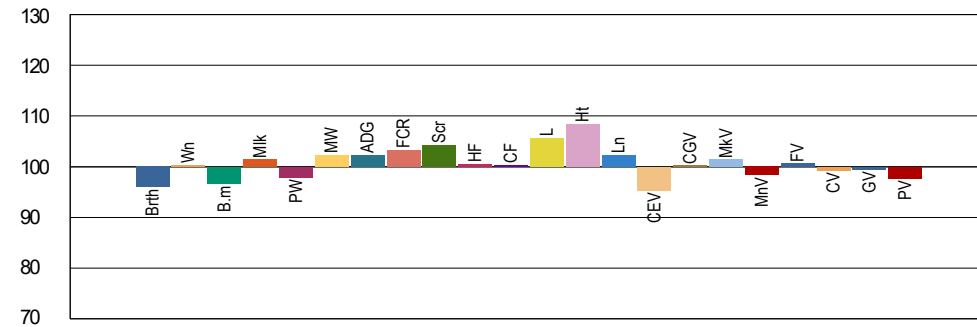
Total: 24



Cows older than 6 years

Cows born in 2020 and earlier

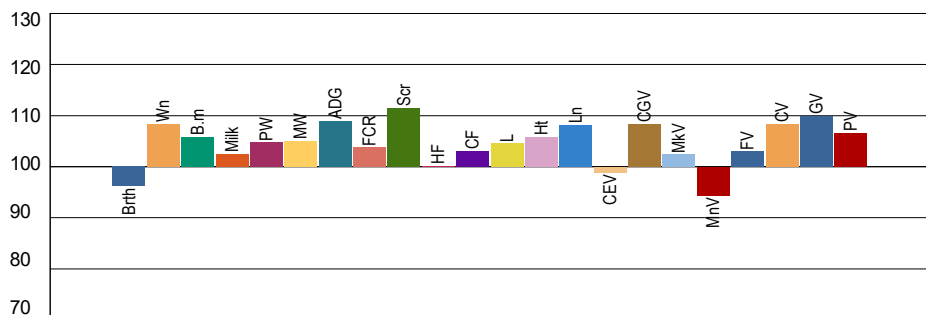
Total: 37



Bull calves

Bulls born in 2025

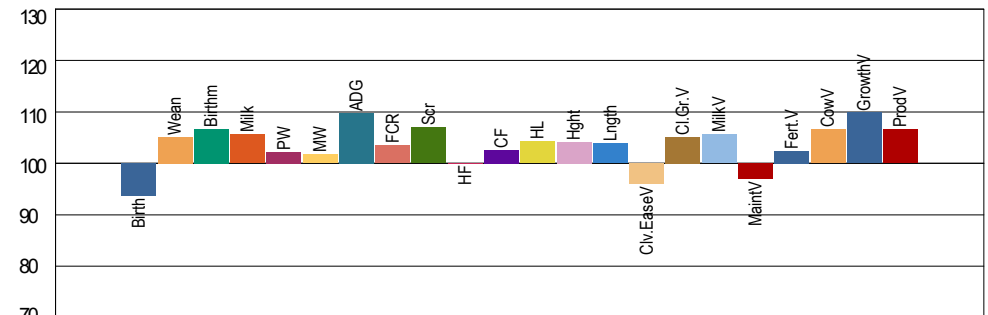
Total: 29



Heifer calves

Heifers born in 2025

Total: 26

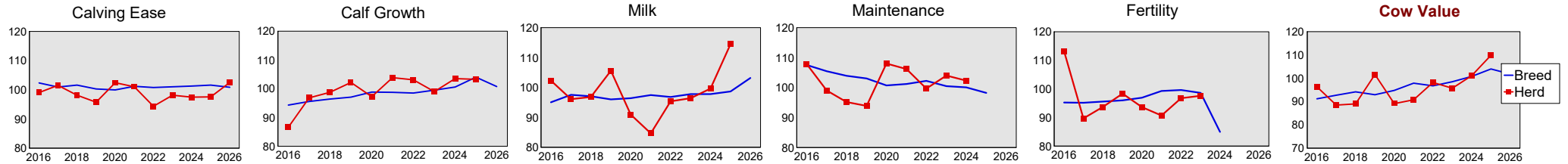


Summary of Cow Herd

			Selection Values (SV)								Calf Weight		Dam		Growth & Efficiency				Fertility				Frame		
Birth Year	No. Cows	Average Cow Value	Calving Ease	Calf Grwth	Milk	Maint.	Fertility	Cow Value	Growth Value	Prod Value	Birth Weight	Wean Weight	Birth Mat.	Milk (Wn.Mat)	Postwn Weight	Mature Weight	ADG	FCR	Scrotal Circumf.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	
Cows in Breed Average:			100	99	100	101	100	100	99	99	100	99	100	100	99	99	100	100	100	100	100	100	100	100	99
2011	2	★★★★☆	107	92	104	106	108	102	93	99	107	92	101	104	91	96	95	88	96	109	107	102	112	101	
2015	3	★★★☆☆	94	88	105	106	83	81	96	80	100	88	80	105	85	93	96	103	95	95	81	107	106	94	
2016	6	★★★★★	100	95	108	106	121	115	100	112	97	95	112	108	92	94	102	96	109	111	121	107	113	102	
2017	4	★★★★★	90	111	112	84	104	110	118	112	93	111	93	112	108	117	123	117	110	105	103	100	121	121	
2018	8	★★★★	93	100	103	95	96	95	94	93	93	100	99	103	98	105	96	103	105	95	97	101	100	98	
2019	6	★★★★	95	99	102	100	101	99	100	99	96	99	93	102	97	99	103	102	103	104	100	115	106	101	
2020	11	★★★★	95	101	97	96	97	93	101	91	96	101	95	97	100	105	108	111	105	98	98	106	112	105	
2021	8	★★★★	94	105	86	102	101	97	105	97	93	105	105	86	100	99	109	107	118	97	102	102	107	102	
2022	5	★★★★☆	94	102	104	96	107	105	98	103	94	102	102	104	100	103	103	106	113	102	107	104	103	99	
2023	13	★★★★	101	101	94	104	95	95	99	94	98	101	112	94	97	97	101	100	103	96	96	106	103	97	
2024	29	★★★★☆	95	104	101	103	99	102	104	100	92	104	105	101	101	97	103	101	104	99	99	105	103	100	
2025	26	★★★★☆	96	105	106	97	102	107	110	107	94	105	107	106	102	102	110	104	107	100	103	104	104	104	
2026	8	★★★★☆	105	109	100	91	104	109	109	106	102	109	108	100	107	110	111	109	114	104	103	110	107	111	
Cows in Herd Average:			97	101	102	99	101	101	102	99	97	101	101	102	98	101	105	108	106	101	101	105	107	103	

Genetic Trends for On-Farm Traits

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



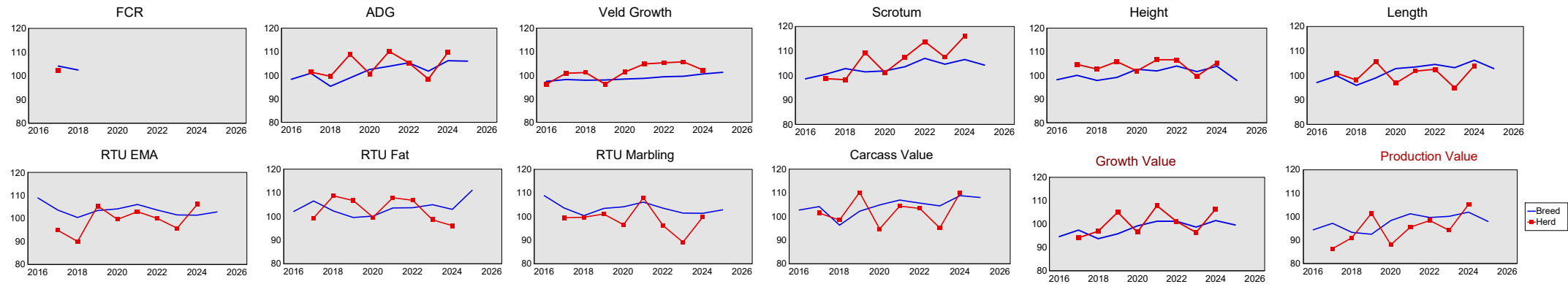
Herd

Birth Year	Calving Ease				Calf Growth			Milk			Maintenance					Fertility							Cow Value
	Birth Weight		Mat EBV	Calv. Ease	Weaning Weight		Calf Growth	Milk (Wn.Mat.)		Postwean Weight	Mature Weight		Maintenance	Heifer Fert.		Cow Fert.		Longevity		Fertility			
	Number	Dir EBV			Number	EBV		Number	EBV		Milk	Number		EBV	Number	EBV	Number	EBV	Number		EBV	Number	
2016	42	0.99	0.14	99	26	0.8	87	26	2.65	102	17	3.7	9	8	108	13	-10.3	9	-4.7	42	14.0	113	96
2017	44	0.86	0.04	101	36	5.1	97	36	0.72	96	31	6.7	4	32	99	10	-2.7	3	-2.0	39	10.6	90	89
2018	48	1.10	0.10	98	36	5.9	99	36	0.97	97	33	10.3	13	30	95	13	-2.5	4	-1.9	40	10.7	94	89
2019	43	1.29	0.13	96	33	7.3	102	33	3.70	106	23	11.5	9	18	94	9	-5.7	6	-2.3	35	16.0	98	102
2020	51	0.96	-0.27	102	42	5.3	97	42	-0.89	91	35	6.3	11	9	108	10	-3.8	9	-1.3	49	16.5	94	89
2021	55	1.00	-0.13	101	44	8.0	104	44	-2.86	85	36	10.0	7	13	106	9	-5.1	8	-0.6	41	14.6	91	91
2022	63	1.43	0.11	94	53	7.7	103	53	0.50	95	41	11.3	6	17	100	7	-5.4	7	-2.7	20	12.8	97	98
2023	69	1.25	-0.09	98	56	6.0	99	56	0.78	96	35	7.8	2	24	104	8	-4.0					98	96
2024	76	1.38	-0.17	97	60	7.9	104	60	1.82	100	49	10.4			102								101
2025	61	1.39	-0.15	98	15	7.8	103	15	6.50	114													110
2026	21	0.92	-0.16	103																			

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.)		Milk	Postwean Weight		Mature Weight		Maintenance	Heifer Fert.		Cow Fert.		Longevity		Fertility	
	Number	Dir EBV			Number	EBV		Number	EBV		Number	EBV	Number	EBV		Number	EBV	Number	EBV	Number	EBV		
2016	2171	0.78	0.07	102	1651	4.0	94	1651	0.40	95	1062	6.0	383	12	108	427	-4.7	355	-1.8	2674	10.5	95	91
2017	2227	0.89	0.08	101	2114	4.6	96	2114	1.16	98	1376	7.6	385	14	105	484	-3.3	392	-2.2	2798	11.1	95	93
2018	2263	0.84	0.10	102	1983	4.9	96	1983	1.03	97	1247	8.3	468	16	104	513	-4.1	443	-1.9	2893	11.5	96	94
2019	2067	0.93	0.11	100	1915	5.2	97	1915	0.69	96	1206	8.5	497	15	103	538	-3.4	421	-2.1	2891	12.0	96	93
2020	2001	0.98	0.08	100	1997	5.9	99	1997	0.82	96	1278	9.6	447	18	101	515	-4.2	397	-2.4	2710	12.9	97	95
2021	2357	0.90	0.01	101	2345	5.9	99	2345	1.14	97	1597	9.1	446	19	101	497	-5.2	357	-2.8	2841	14.4	99	98
2022	2348	0.93	0.03	101	2331	5.8	99	2331	0.96	97	1400	9.1	413	17	102	468	-5.4	99	-2.3	800	13.4	100	97
2023	2371	0.90	0.06	101	2438	6.2	99	2438	1.25	98	1429	10.0	51	18	100	100	-4.0	3	-4.2			99	99
2024	2359	0.89	0.02	101	2094	6.7	101	2094	1.25	98	1225	10.8			100	2	-4.8					85	101
2025	2513	0.83	0.04	102	1670	8.1	104	1670	1.52	99	181	12.0			98								104
2026	332	0.87	0.14	101	74	6.7	101	74	2.95	103													102

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	8	-19	102	15	90	101	16	28	101	15	12.2	99	15	17	105	15	23	101	15	-0.13	95	-0.57	99	-0.18	99	102	94	86		
2018				10	86	100	20	29	101	10	12.1	98	10	16	103	10	21	98	10	-0.47	90	0.11	109	-0.15	100	99	97	91		
2019				10	105	109	13	17	96	10	17.2	109	10	18	106	10	26	106	10	0.65	105	-0.02	107	-0.01	101	110	105	101		
2020				14	88	101	18	30	101	14	13.4	101	14	15	102	14	20	97	14	0.23	100	-0.55	100	-0.55	97	95	97	88		
2021				17	107	110	14	38	105	17	16.3	107	17	18	107	17	24	102	17	0.48	103	0.05	108	0.84	108	104	108	96		
2022				26	98	105	13	39	105	26	19.2	114	26	18	107	26	24	103	26	0.25	100	-0.04	107	-0.59	96	103	101	98		
2023				25	84	98	10	40	106	25	16.3	107	18	14	100	18	19	95	25	-0.05	96	-0.61	99	-1.42	89	95	96	94		
2024				18	107	110	30	31	102	10	20.3	116	10	17	105	10	25	104	10	0.70	106	-0.81	96	-0.12	100	110	107	105		
2025																														
2026																														

Breed

Birth Year	Growth												Frame						Carcass						Selection Values				
	FCR			ADG			Veld Growth			Scrotum			Height			Length			RTU Number		EMA		Fat		Marbling		Cracss Value	Growth Value	Prod Value
	Number	EBV	EBVi	Number	EBV	EBVi	Number	EBV	EBVi	Number	EBV	EBVi	Number	EBV	EBVi	Number	EBV	EBVi	EBV	EBVi	EBV	EBVi	EBV	EBVi					
2017	19	-21	104	151	89	101	1148	22	98	151	13.0	100	151	14	100	151	22	100	97	0.24	100	-0.05	107	0.32	104	104	97	97	
2018	4	-20	103	147	78	95	1070	21	98	147	14.2	103	147	13	98	147	20	96	114	0.09	98	-0.36	102	-0.07	100	96	94	93	
2019				155	85	99	987	21	98	155	13.5	101	155	14	99	155	22	99	87	0.31	101	-0.55	100	0.30	103	102	96	93	
2020				242	92	102	966	22	98	259	13.7	102	260	16	103	260	24	103	185	0.40	102	-0.52	100	0.39	104	105	99	98	
2021				213	95	104	1303	23	99	212	14.5	104	213	15	102	213	25	103	192	0.52	104	-0.27	104	0.62	106	107	101	101	
2022				233	98	105	1090	25	99	233	16.1	107	233	16	104	233	25	104	199	0.40	102	-0.26	104	0.31	104	106	101	100	
2023				205	91	102	1157	25	100	216	15.0	105	209	15	102	209	25	103	216	0.45	103	-0.16	105	0.06	101	104	99	100	
2024				187	99	106	947	27	101	179	15.8	106	198	16	104	198	27	106	172	0.50	103	-0.31	103	0.05	101	109	101	102	
2025				8	99	106	152	29	101	8	14.9	104	17	13	98	17	24	103	13	0.25	100	0.27	111	0.21	103	108	100	98	
2026																													

Bull				Selection Values							Birth			Wean				Grwth & Adaptation					Fertility				Raam		Carcass				Progeny			
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	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thickn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling	Dress %	Nr measured	
ID	Genomic	Sire ID	Dam ID																															Birth	Wean	
Comp.nr																																		Grwth Test	Dght&clv (Weaned)	
A 180005		W 140028	DKH 150304	118	120	91	82	108	118	91	113	105	119	112	128	121	120	91	98	124	86	114	87	89	120	110	105	107	82	93	115	80	130	112	63	60
				94	95	89	90	76	84	86	84	88	38	-0.01	-3.4	38	14.9	-1.0	32	22.7	59	61	-6	-0.32	22.1	-10.8	-3.5	23.1	4	18.0	1.33	-1.99	3.55	0.21	8	13
													84	96	91	90	95	89	91	94	87	83	83	91	90	86	67	89	90	88	87	89	88	88		
ADM 160003		W 070014	GH 130052	88	105	86	99	96	91	89	88	97	102	89	90	101	105	86	91	102	100	94	90	101	94	89	98	104	99	102	110	79	107	107	9	8
				79	75	68	67	39	60	28	54	43	22	1.85	0.9	17	8.4	-2.3	14	11.2	87	11	-8	0.13	10.0	-0.3	-2.3	21.3	13	23.6	0.98	-2.08	0.70	0.14	2	3
													58	83	72	67	75	68	70	71	45	23	6	57	54	49	29	69	52	46	40	46	40	43		
ADM 160042		XY 100005	XY 110060	87	105	126	90	96	108	110	108	120	107	86	98	107	105	126	125	100	113	82	85	84	105	92	98	106	115	108	125	131	97	128	8	7
				78	79	67	66	38	61	32	55	48	27	2.12	0.1	24	8.4	10.0	94	10.1	114	-17	-4	-0.54	15.3	-1.6	-2.2	22.4	23	27.5	2.07	1.69	-0.49	0.42	2	3
													51	82	71	66	79	67	71	73	50	20	9	63	60	48	28	67	58	51	44	51	45	48		
ADM 170001		TT 130024	ADM 140003	125	115	53	105	102	99	92	96	109	96	120	123	97	115	53	68	99	105	81	92	140	99	91	105	100	99	106	102	150	114	108	93	70
				95	95	89	90	75	84	88	85	89	16	-0.67	-2.8	12	12.6	-12.7	-40	9.8	97	-21	-10	1.71	12.2	-1.1	-3.5	18.6	14	26.6	0.42	3.11	1.55	0.14	13	15
													84	97	92	90	95	89	91	93	88	83	85	92	91	85	65	89	90	88	88	90	88	89		
ADM 200031		AM 130091	E 110023	84	116	113	85	84	100	111	101	124	118	84	98	116	11																			

Sires

Bull			Selection Values									Birth			Wean				Grwth & Adaptation					Fertility				Raam		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	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling	Dress %	Nr measured		
ID Comp.nr																																		Birth	Wean	Grwth Test
AM 130091		R 030012	89	110	101	102	73	87	86	84	93	99	86	98	97	110	101	110	97	105	100	105	97	118	81	73	89	106	113	116	64	93	112	37	30	
79500245		AM 080005	87	88	73	74	46	68	60	66	68	18	2.15	0.1	12	10.5	2.2	61	8.6	97	27	-22	0.00	21.3	3.5	2.1	11.4	17	31.0	1.45	-3.10	-0.98	0.20	10	6	13
AM 130144		H 050089	94	101	86	115	113	106	80	100	84	86	92	91	85	101	86	94	89	83	97	88	121	51	105	113	94	70	80	64	85	109	63	183	158	
79775532		AM 060010	97	97	93	93	82	88	89	88	92	6	1.63	0.8	0	7.0	-2.3	22	4.4	54	18	-7	0.95	-10.2	-8.5	-4.9	14.8	-3	9.9	-2.39	-1.64	0.94	-0.47	12	22	56
AM 190067		CHK 100138	83	103	91	101	113	104	109	104	103	100	73	96	98	103	91	95	102	116	90	102	132	103	100	116	105	108	106	151	88	93	151	47	47	
93299121		AM 120140	92	93	85	83	74	81	81	81	83	19	3.21	0.2	14	7.7	-0.8	24	11.3	119	1	-19	1.37	14.3	-5.7	-5.4	21.5	19	26.3	3.99	-1.40	-0.90	0.74	9	1	1
AVR 110050		ASE 010040	115	102	110	110	107	118	92	113	101	88	114	105	88	102	110	119	99	96	99	109	117	100	135	97	105	110	108	108	113	80	109	172	196	
74047721		V 050122	97	98	96	96	84	89	93	90	94	8	-0.17	-0.8	3	7.3	5.2	80	9.4	79	23	-25	0.78	12.8	-23.5	-2.0	21.5	20	27.8	0.84	0.40	-2.56	0.16	65	48	112
AVR 150034		XY 100077	106	95	107	102	97	99	103	98	102	93	103	108	95	95	107	106	90	110	87	102	106	113	90	99	98	97	106	107	67	94	104	2	1	
82172388		H 070041	65	70	61	61	35	54	32	50	41	13	0.73	-1.1	11	4.4	4.3	49	4.7	106	-5	-19	0.33	18.8	-0.7	-2.4	17.5	13	26.2	0.79	-2.89	-0.84	0.09	1	3	5
CHK 170032		CR 110107	95	95	119	111	121	120	79	113	95	92	97	85	87	95	119	121	100	84	97	78	113	105	106	124	114	83	87	78	110	86	79	45	68	
84866607		CHK 110178	90	94	85	84	72	81	78	80	78	11	1.24	1.5	2	4.2	7.8	87	9.9	56	19	2	0.63	14.9	-8.7	-6.7	27.3	5	14.4	-1.39	0.19	-1.81	-0.25	2	4	7
G 170072		R 110003	120	120	78	98	95	107	84	102	109	100	120	111	102	120	78	94	114	86	97	72	91	112	94	96	109	97	97	80	69	109	78	142	135	
85691293		G 140072	97	97	93	93	80	87	92	88	92	20	-0.68	-1.4	19	14.9	-5.1	21	17.2	58	18	7	-0.25	18.5	-3.0	-1.9	24.2	12	20.8	-1.18	-2.77	0.98	-0.26	25	21	28
GH 120013		HBH 090203	108	81	100	128	96	89	85	85	82	83	112	82	78	81	100	94	74	77	92	98	113	91	115	90	91	93	78	81	133	121	84	21	15	
75880682		GH 090026	89	89	84	84	72	79	78	79	78	3	-0.06	1.9	-8	-1.6	1.9	22	-3.5	42	6	-15	0.62	8.8	-13.3	-0.9	12.8	10	8.3	-1.15	1.86	2.46	-0.18		4	18
GH 130038		XY 100049	85	106	60	78	123	92	103	92	94	124	86	102	130	106	60	59	112	94	123	87	88	92	87	133	104	105	93	99	89	95	98	116	107	
78793304		ADM 070005	95	96	91	91	58	80	33	71	50	43	2.14	-0.4	48	8.7	-10.8	-62	16.4	75	82	-6	-0.38	8.9	0.5	-8.3	21.3	17	18.2	0.19	-1.32	-0.71	0.01		40	121
GH 140001		ASE 060103	77	131	50	98	73	77	141	86	119	105	78	86	105	131	50	74	128	149	114	147	96	145	65	80	88	150	133	111	82	100	110	163	137	
78888641		GH 080001	97	97	93	93	80	87	90	88	92	24	2.82	1.4	21	19.3	-14.0	-24	24.9	184	60	-59	-0.07	33.6	11.8	0.9	11.0	43	43.9	1.08	-1.86	-0.08	0.17	41	23	48
GH 140006		XY 100005	99	97	89	102	110	99	106	99	85	95	95	108	97	97	89	88	93	100	106	90	78	99	99	111	110	99	86	94	72	55	91	73	58	
80422959		GH 110022	95	95	92	92	80	86	90	87	92	15	1.43	-1.1	13	5.3	-1.6	8	6.4	86	41	-8	-0.79	12.2	-5.5	-4.5	24.7	14	13.7	-0.17	-2.58	-5.54	-0.09	18	13	23
GH 150004		XY 120065	120	90	59	142	71	67	103	69	97	69	116	119	66	90	59	61	82	101	105	83	112	84	106	63	96	83	78	95	140	129	99	223	195	
82505389		XY 120042	95	97	86	90	54	78	44	71	76	-11	-0.33	-2.4	-21	2.4	-10.9	-55	0.6	90	37	-3	0.59	5.2	-8.7	3.9	15.8	4	8.7	-0.13	2.38	3.36	0.02	17	40	45
GH 190009		AVR 150076	92	99	102	116	84	91	82	86	84	85	92	88	84	99	102	109	87	81	87	87	115	111	94	83	82	81	79	74	87	75	73	105	79	
89773113		GH 160063	96	96	91	90	80	86	90	87	92	5	1.66	1.2	-1	6.2	2.5	58	3.4	48	-7	-6	0.70	17.8	-2.9	0.4	7.0	3	9.3	-1.66	-1.46	-3.09	-0.34	24	1	1
GH 190057		AM 130234	83	110	126	95	107	120	128	123	126	101	76	100	102	110	126	132	106	118	111	102	90	98	99	108	94	98	104	134	110	105	135	105	71	
89773576		GH 150067	95	95	90	89	78	85	87	85	88	21	2.96	-0.2	18	10.6	10.0	111	13.4	124	54	-19	-0.31	11.9	-5.4	-4.0	15.1	13	25.3	2.74	0.23	0.47	0.51	8	6	9

Sires

Bull				Selection Values								Birth			Wean				Grwth & Adaptation					Fertility				Raam		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	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling	Dress %	Birth	Wean			
ID				Grwth Test	Dght&clv (Weaned)																																		
GH 210009		R 130166		103	109	99	94	112	115	86	109	96	105	104	103	106	109	99	104	113	100	110	95	116	96	108	112	130	99	99	95	112	100	96	49	45			
92466358		GH 180066		92	93	84	83	72	81	80	81	80	25	0.66	-0.5	22	10.3	1.5	45	16.7	87	50	-13	0.75	11.2	-9.9	-4.6	37.4	14	22.1	-0.09	0.35	-0.17	-0.01	3				
													80	94	87	83	93	84	87	90	81	79	78	81	81	81	64	85	81	81	80	80	80						
GH 220096		A 180005		102	123	94	87	117	126	98	122	113	115	98	115	115	123	94	106	120	101	97	95	94	116	124	111	110	98	105	118	100	115	118	16				
94572575		GH 170011		78	68	54	55	32	52	24	46	41	34	1.15	-1.9	32	16.0	0.2	51	20.6	88	18	-13	-0.12	20.1	-18.0	-4.6	25.1	13	26.0	1.58	-0.55	1.71	0.28					
													29	85	64	55	68	54	59	63	40	18	5	48	46	41	22	52	45	40	39	43	39	41					
GNC 080018		PT 990012		117	90	121	106	120	121	83	114	90	97	110	118	91	90	121	118	87	86	96	88	92	115	127	115	83	82	90	106	86	93	104	55	35			
68040286		J 941919		92	91	84	82	72	80	77	79	76	16	0.10	-2.2	6	2.4	8.6	79	3.4	60	17	-7	-0.20	20.0	-19.5	-5.2	7.9	4	16.3	0.70	-1.51	-0.95	0.09	1	4			
													80	94	87	82	91	84	86	86	79	75	75	81	80	78	66	90	80	78	77	76	77	76					
HBH 040858		BG 960053		82	98	89	88	88	77	100	77	103	112	85	90	113	98	89	83	97	99	99	87	78	107	86	91	89	116	92	149	122	99	150	236	209			
49514623		HBH 980330		97	98	95	95	70	85	60	80	86	31	2.22	1.0	30	5.4	-1.5	-4	8.5	85	25	-6	-0.76	15.9	1.0	-1.1	11.8	23	17.2	3.87	1.10	-0.28	0.73	58	66			
													92	98	96	95	98	95	96	96	91	93	26	96	95	84	56	96	94	92	84	89	85	86					
HBH 061018		CR 010028		106	100	104	107	90	98	96	96	100	92	103	107	91	100	104	109	87	98	87	105	87	87	112	84	86	112	98	102	125	108	104	193	111			
63656821		HBH 020686		97	96	93	93	65	82	58	77	72	12	0.73	-0.9	6	6.3	3.3	57	3.2	83	-5	-22	-0.43	7.0	-12.0	0.1	9.6	21	21.2	0.40	1.27	0.85	0.10	35	43			
													82	98	94	93	96	93	94	94	87	91	25	94	92	78	52	95	91	87	69	75	70	72					
HBH 090203		CR 010028		115	72	108	116	76	71	85	69	79	95	122	83	84	72	108	92	66	80	96	102	118	86	94	72	95	91	77	80	143	112	84	106	99			
70210646		HBH 020664		95	96	92	91	64	82	48	75	61	15	-0.88	1.8	-1	-5.2	4.4	17	-7.6	47	17	-19	0.85	6.2	-3.1	2.2	15.7	9	7.6	-1.20	2.58	1.35	-0.18					
													83	96	92	91	96	92	93	94	69	58	21	81	78	78	49	91	77	70	59	63	59	61					
HBH 140060		H 050089		77	124	140	63	110	131	132	134	146	139	75	101	143	124	140	133	133	141	116	140	79	130	102	110	105	129	143	151	140	128	151	82	73			
80248461		HBH 110067		96	96	93	93	82	87	90	88	92	58	3.03	-0.3	62	16.4	14.6	114	27.7	168	66	-52	-0.73	26.6	-6.9	-4.4	21.5	31	49.9	3.99	2.35	3.30	0.74	20	22			
													89	97	94	93	96	93	94	94	92	89	88	94	94	90	75	93	93	92	91	93	92	92					
HBH 210009		H 050089		87	122	118	83	116	131	114	130	133	117	89	98	118	122	118	125	122	116	108	100	72	97	103	118	115	116	128	130	116	117	132	24	21			
92729771		HBH 180001		89	90	83	83	74	80	81	80	84	37	1.92	0.1	35	15.7	7.5	95	21.6	120	45	-17	-1.02	11.2	-7.3	-5.8	28.2	23	40.6	2.48	0.63	1.92	0.48					
													82	91	85	83	90	83	85	86	83	80	78	87	85	81	67	84	85	83	83	84	83	84					
ST 200056		HBH 160026		101	120	87	97	91	104	120	106	132	107	100	103	103	120	87	103	120	134	98	116	95	136	99	89	111	126	123	119	79	71	117	8	7			
91123299		ST 160009		89	89	85	85	74	80	84	81	86	27	0.94	-0.5	19	14.8	-2.0	43	20.6	154	22	-31	-0.07	29.6	-5.5	-0.8	25.2	29	37.2	1.62	-2.03	-3.63	0.27	5				
													83	90	87	85	89	85	86	87	85	82	81	87	87	83	65	86	86	85	86	85	86						
T 110098		AM 060041		82	132	117	84	86	117	129	120	142	122	85	92	116	132	117	133	139	144	98	113	93	115	87	87	108	147	143	129	87	105	128	130	92			
73727935		T 050089		96	96	93	93	63	82	27	71	28	41	2.24	0.7	33	19.7	7.4	114	30.5	174	20	-29	-0.18	19.6	0.8	-0.3	23.4	41	50.1	2.40	-1.47	0.47	0.43					
													57	97	94	93	96	93	94	94	37	30	13	47	94	37	30	13	47	45	78	48	92	26	29	25	28		
TT 120B03		XY 090051		83	102	130	100	56	81	97	81	106	97	75	94	96	102	130	134	92	101	78	86	122	122	81	53	87	95	92	116	130	101	118	95	76			
76690908		XY 090084		93	94	84	85	52	75	58	72	73	17	3.06	0.5	11	7.3	11.5	116	5.9	88	-27	-5	0.99	23.1	3.6	5.5	10.6	11	17.4	1.42	1.65	-0.04	0.29	12	22			
													48	96	88	85	94	84	88	92	71	45	39	83	81	70	34	88	79	73	70	76	71	73					
TT 140032		AM 100079		106	99	76	111	99	90	85	86	84	88	102	107	89	99	76	79	90	95	101	110	85	145	91	101	79	81	87	93	93	109	92	52	44			
80170475		XY 100030		94	94	89	89	77	84	86	84	89	8	0.78	-1.0	4	5.8	-5.6	-13	5.1	78	29	-26	-0.49	33.6	-1.2	-2.8	5.7	3	13.9	-0.27	-1.05	0.98	-0.07	12	8			
													86	95	91	89	94	89	91	92	88	85	84	91	90	86	68	90	90	89	88								

Sires

Bull				Selection Values										Birth			Wean				Grwth & Adaptation					Fertility				Raam		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	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thickn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling	Dress %	Nr measured		
ID																																			Birth	Wean	
																																			Grwth Test	Dght&clv (Weaned)	
TT 210047 92461656		ADM 170001 TT 180062		127	120	87	85	98	112	105	111	135	117	123	127	117	120	87	97	118	122	108	108	139	134	89	100	110	110	129	151	133	146	151	42	13	
				92	90	85	85	74	81	84	82	86	36	-0.98	-3.2	35	14.9	-2.0	29	19.3	131	46	-25	1.66	28.6	-0.3	-2.7	25.1	20	41.4	3.99	1.84	5.44	0.74	5		
TTS 210004 91744680		HBH 160001 T 130041		83	136	95	86	115	130	111	129	134	122	75	103	116	136	95	115	123	114	72	95	77	120	112	114	107	118	128	120	96	104	120	6	5	
				74	76	57	56	32	55	22	48	33	41	3.09	-0.5	33	21.2	0.4	72	22.3	116	-42	-13	-0.80	21.9	-11.7	-5.0	22.7	25	40.6	1.73	-0.81	0.37	0.31			
V 130187 79554218		V 090073 V 100012		86	114	94	96	82	92	95	90	102	106	88	89	104	114	94	104	107	99	101	103	81	97	107	75	92	86	104	89	70	121	86	128	96	
				94	95	83	82	49	74	43	68	74	25	1.96	1.1	20	12.4	-0.1	45	13.9	86	28	-20	-0.64	11.6	-9.6	1.7	13.5	6	25.4	-0.55	-2.72	2.37	-0.15	14	18	48
W 140043 80831340		ASE 090026 W 110054		118	87	94	108	88	84	72	78	67	87	119	101	91	87	94	88	83	67	100	113	70	145	103	83	92	95	85	75	50	127	68	122	109	
				96	97	94	94	81	88	90	88	92	7	-0.65	-0.3	6	1.2	0.1	8	1.4	21	26	-29	-1.10	33.6	-7.3	0.3	13.8	11	13.0	-1.55	-4.12	3.17	-0.40	29	28	78
XY 100005 72399553		M 040002 H 980003		83	104	107	89	137	125	121	125	119	109	80	101	111	104	107	105	104	117	94	94	76	131	113	139	102	110	103	111	97	78	111	72	58	
				93	94	88	86	56	77	46	71	56	29	2.63	-0.3	28	7.9	4.2	48	12.4	120	12	-12	-0.86	27.1	-12.5	-9.4	19.9	20	24.4	1.09	-0.76	-2.77	0.19			
XY 120065 76704790		V 070123 XY 090008		123	98	58	110	78	70	106	72	109	93	118	119	91	98	58	59	100	103	99	72	112	96	88	76	91	88	91	90	132	123	94	175	161	
				97	98	95	95	83	89	88	89	90	13	-0.55	-2.3	6	5.5	-11.3	-60	10.0	94	23	7	0.60	11.0	0.2	1.5	13.2	8	16.4	-0.47	1.80	2.65	-0.05	10	56	133

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																
202301 D11 M																			
MULLINS		ADM 230005 95076428	 ADM 200031 ADM 190056	101	101	110	123	138	67	126	101	130	131	110	125	137	106	128	110
				74	82	36 81	37 80	36 82	1.08 81	24.7 83	0.42 75	146 79	-44 75	78	2.07 79	2.17 81	0.67 80	0.42 80	80
202501 D21 M																			
MULLINS		ADM 240028 97413793	 ST 200056 ADM 160039	124	124	118	116	121	86	123	78	117	100	110	121	85	76	119	125
				76	84	41 82	33 81	26 83	1.11 82	23.4 84	0.63 76	121 81	-17 76	79	1.76 80	-1.63 82	-2.96 81	0.30 81	81
		ADM 240031 97413827	 ST 200056 ADM 160028	116	109	116	115	127	73	118	81	125	111	118	107	92	108	107	131
				76	84	40 83	32 81	30 83	1.09 82	21.0 84	0.61 77	137 81	-27 77	80	0.78 81	-1.09 83	0.89 81	0.13 82	82
		ADM 240032 97897821	 ST 200056 ADM 220002	92	105	104	108	108	97	137	91	131	125	111	85	52	55	81	88
				74	83	32 82	27 81	19 83	1.13 82	30.1 84	0.51 76	149 80	-39 76	79	-0.83 80	-4.01 82	-5.54 80	-0.23 81	81
		ADM 240035 97927826	 TT 140032 HBH 200031	90	105	110	111	110	99	143	111	118	125	112	96	74	125	93	109
				76	85	36 83	30 82	20 84	1.13 83	32.8 84	0.33 77	123 81	-39 77	80	-0.06 81	-2.40 83	2.95 81	-0.05 82	82
		ADM 240037 97897847	 GH 190057 TT 180010	111	106	109	98	93	111	121	100	107	105	113	118	118	98	119	108
				76	85	36 82	21 81	10 83	1.15 82	22.5 84	0.43 76	102 81	-22 76	79	1.56 81	0.77 83	-0.36 81	0.30 82	82
		ADM 240045 97927685	 GH 190057 ADM 170035	116	111	122	116	116	97	117	83	135	123	139	115	99	112	115	113
				76	85	44 83	33 82	23 84	1.13 83	20.9 85	0.59 77	157 82	-37 77	80	1.38 82	-0.62 83	1.32 82	0.25 82	82
		PX 240084 97500425	 ST 200056 ADM 200003	123	122	109	112	104	114	123	89	105	94	91	111	124	78	114	122
				76	84	35 83	30 81	16 84	1.16 82	23.5 84	0.53 77	97 81	-12 77	80	1.07 81	1.25 83	-2.75 81	0.23 82	82
202501 D11 M																			
MULLINS		ADM 240038 97897854	 GH 150004 ADM 210048	78	95	107	102	112	78	113	91	117	110	118	104	115	106	106	98
				76	83	34 84	24 81	21 81	1.10 81	18.8 81	0.51 78	121 82	-26 78	81	0.57 81	0.57 81	0.62 81	0.11 81	81
		ADM 240048 97927834	 GH 190009 TT 210031	103	102	90	91	95	93	112	102	97	94	89	84	90	63	83	84
				76	85	23 84	17 81	11 81	1.12 81	18.2 82	0.41 78	80 82	-12 78	81	-0.92 81	-1.27 81	-4.56 81	-0.20 81	81
		ADM 240051 97897912	 TT 210047 TT 210072	105	114	115	112	103	117	130	91	112	103	107	129	119	127	130	119
				76	84	40 83	30 80	16 80	1.16 80	26.9 81	0.51 78	110 81	-20 78	80	2.38 80	0.84 80	3.10 80	0.46 80	80
		ADM 240054 97897946	 GH 190009 TT 210018	104	114	107	106	103	103	118	97	107	103	109	93	128	101	97	114
				76	85	34 84	26 81	16 81	1.14 81	21.4 81	0.46 78	102 82	-20 78	81	-0.24 80	1.47 81	-0.05 80	-0.01 80	80
		ADM 240061 97897979	 GH 210009 A 180013	100	89	80	79	81	102	75	112	85	88	83	72	96	97	72	77
				75	82	16 81	9 77	3 78	1.14 78	1.3 78	0.32 76	57 80	-7 76	78	-1.78 77	-0.79 77	-0.48 77	-0.35 77	77

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																
202501 D11	M	0485330TUL																	
MULLINS		ADM 240075	 ADM 210028 GA 220218	110	122	134	132	141	76	134	74	139	121	138	125	85	105	124	138
		98045008		75	84	53 82	43 78	37 79	1.10 78	28.4 79	0.67 76	165 80	-36 76	79	2.08 78	-1.62 79	0.46 78	0.36 78	78
		ADM 240078	 GH 190057 ADM 200011	111	116	100	95	99	94	83	94	102	94	104	116	116	104	118	116
		98872294		76	84	30 83	20 80	13 80	1.13 80	5.1 80	0.49 78	91 81	-12 78	80	1.45 79	0.60 80	0.31 79	0.28 80	80

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	Index	Sire ID	Calv. Ease V	Calv Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calv V	Growth Value	Prod. Value	Carcass V	Cow wt -brth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean wt	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling	Dress %
Animal no	%	Parentage	EBV Acc	Dam ID																																
ADM 210031	7	TT	150053	ADM 150020	105	95	114	100	107	108	102	92	104	104	98	108	95	97	95	114	111	92	97	110	108	105	112	105	106	103	100	98	103	137	112	107
92810571					70	70	58	56	32	53	66	30	48	45	18	0.28	0.4	13	4.3	6.3	61	6.1	81	52	-25	0.3	18.3	-8.2	-3.7	20.3	14	21	0.47	2.14	1.31	0.13
															48	74	62	56	70	58	61	58	45	23	13	52	51	41	24	53	49	45	43	47	43	45
GH 220096	6	A	180005	GH 170011	102	123	94	87	117	126	121	98	122	113	115	98	115	115	123	94	106	120	101	97	95	94	116	124	111	110	98	105	118	100	115	118
94572575					78	68	54	55	32	52	65	24	46	41	34	1.15	-1.9	32	16.0	0.2	51	20.6	88	18	-13	-0.1	20.1	-18.0	-4.6	25.1	13	26	1.58	-0.55	1.71	0.28
															29	85	64	55	68	54	59	63	40	18	5	48	46	41	22	52	45	40	39	43	39	41
ADM 230005	5	ADM 200031	ADM 190056		88	101	108	95	102	101	99	110	102	110	103	92	88	103	101	108	107	105	130	112	131	64	126	94	104	113	138	123	125	137	106	128
95076428					83	82	79	78	68	74	81	78	75	80	22	1.62	1.2	19	6.7	4.3	52	12.9	146	55	-44	-1.3	24.7	-3.1	-3.3	26.7	36	37	2.07	2.17	0.67	0.42
															78	84	80	78	82	79	80	80	79	75	75	84	83	76	59	78	82	80	79	81	80	80
ADM 240011	4	GH 190009	ADM 190052		94	112	93	99	98	103	107	93	100	100	102	94	96	100	112	93	103	104	101	86	101	116	112	103	95	108	96	98	92	108	89	93
97041180					85	85	81	80	70	76	84	78	76	80	21	1.46	0.3	16	11.3	-0.4	42	12.4	90	-9	-19	0.8	18.5	-7.2	-1.8	23.5	12	22	-0.34	0.02	-1.43	-0.06
															79	86	82	80	85	81	82	82	80	78	77	81	81	79	62	81	80	80	80	80	80	
ADM 240013	12	GH 140006	ADM 190041		90	104	97	96	117	110	98	117	111	101	103	88	101	103	104	97	99	104	119	111	110	91	109	104	119	119	124	110	105	80	69	103
97041206					85	85	82	82	71	77	84	80	78	80	23	2.01	-0.3	19	8.3	0.9	34	12.0	125	53	-26	-0.3	17.0	-7.8	-5.9	30.5	28	29	0.64	-1.96	-3.85	0.08
															81	86	83	82	85	82	83	82	81	79	78	82	82	80	62	82	81	80	80	81	80	80
ADM 240028	7	ST 200056	ADM 160039		93	124	97	92	114	124	123	110	123	125	111	90	104	108	124	97	112	122	117	91	100	84	123	105	115	106	121	116	121	85	76	119
97413793					84	84	80	80	70	76	83	79	77	81	30	1.78	-0.6	25	16.5	1.0	65	21.5	121	4	-17	-0.5	23.4	-8.3	-5.2	22.5	26	33	1.76	-1.63	-2.96	0.30
															79	85	82	80	84	80	81	82	81	77	76	85	84	78	62	80	83	81	80	82	81	81
ADM 240031	7	ST 200056	ADM 160028		97	109	104	94	112	116	110	118	117	131	107	99	96	105	109	104	109	111	125	103	111	75	118	110	111	116	127	115	107	92	108	107
97413827					84	84	81	80	70	76	83	80	77	82	26	1.04	0.2	21	10.3	3.3	58	15.7	137	35	-27	-0.9	21.0	-10.9	-4.6	28.5	30	32	0.78	-1.09	0.89	0.13
															79	85	82	80	84	81	82	82	81	77	77	86	84	78	62	80	83	81	81	83	81	82
ADM 240032	5	ST 200056	ADM 220002		97	105	96	99	87	92	101	111	93	88	103	97	97	100	105	96	100	108	131	107	125	74	137	100	84	109	108	108	85	52	55	81
97897821					83	83	79	79	68	74	82	79	75	81	22	1.20	0.2	16	8.5	0.6	36	14.2	149	44	-39	-0.9	30.1	-6.1	0.2	24.3	19	27	-0.83	-4.01	-5.54	-0.23
															78	84	81	79	83	79	80	81	80	77	76	85	84	77	60	79	83	81	80	82	80	81
ADM 240035	4	TT 140032	HBH 200031		100	105	88	95	90	90	96	112	92	109	104	100	102	105	105	88	90	102	118	112	125	56	143	89	91	97	110	111	96	74	125	93
97927826					85	85	81	80	70	76	84	80	77	82	24	0.95	-0.4	21	8.6	-1.9	14	11.0	123	56	-39	-1.6	32.8	-0.4	-1.1	16.7	20	30	-0.06	-2.40	2.95	-0.05
															79	86	82	80	85	81	82	83	81	77	77	86	84	78	61	81	84	82	81	83	81	82
ADM 240037	6	GH 190057	TT 180010		108	106	117	90	98	111	117	113	111	108	108	102	119	109	106	117	117	100	107	111	105	131	121	83	104	103	93	98	118	118	98	119
97897847					85	85	81	80	70	76	84	79	77	82	28	0.80	-2.3	26	8.8	7.3	75	10.1	102	53	-22	1.4	22.5	2.8	-3.2	20.5	10	21	1.56	0.77	-0.36	0.30
															79	86	82	80	85	81	82	84	81	78	76	85	84	79	62	80	83	81	81	83	81	82
ADM 240038	5	GH 150004	ADM 210048		108	95	71	114	88	78	82	118	82	98	87	105	106	87	95	71	72	89	117	110	110	104	113	94	87	98	112	102	104	115	106	106
97897854					85	83	82	82	72	76	83	81	77	81	7	0.59	-0.8	2	4.3	-7.2	-30	4.2	121	52	-26	0.3	18.8	-3.1	-0.4	17.4	21	24	0.57	0.57	0.62	0.11
															81	86	83	82	83	82	82	84	82	79	78	82	81	81	62	82	81	81	81	81	81	81
ADM 240045	5	GH 190057	ADM 170035		83	111	119	93	106	116	117	139	121	113	106	81	99	105	111	119	124	100	135	107	123	93	117	100	107	99	116	116	115	99	112	115
97927685					85	85	82	81	70	76	84	80	77	82	25	2.61	-0.1	22	10.8	7.9	92	10.3	157	43	-37	-0.2	20.9	-5.9	-3.8	18.2	23	33	1.38	-0.62	1.32	0.25
															79	86	83	81	85	82	83	84	82	79	77	86	85	79	62	81	84	82	82	83	82	82

Breeding Values and Accuracies: Bulls

Inbreeding in red is high

Value <80Value >120

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Animal		Selection Value										Birth			Wean				Growth & Adaptation					Fertility				Frame		Carcass									
ID	Animal no	% Inbreeding	Genomic Parentage	Index		Sire ID	Dam ID	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean wt	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thickn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling	Dress %
				EBV	Acc																																		
ADM 240048	97927834	5	GH	190009		TT	210031	100	102	100	110	99	103	106	89	99	84	88	94	108	88	102	100	107	86	97	82	94	93	112	95	100	100	95	91	84	90	63	83
								86	85	81	81	70	76	84	81	77	81	8	1.46	-1.1	3	7.3	1.9	54	3.0	80	-18	-12	-0.2	18.2	-3.3	-2.6	18.6	11	17	-0.92	-1.27	-4.56	-0.20
																		80	87	83	81	85	81	82	84	82	79	78	82	82	79	61	81	81	81	81			
ADM 240051	97897912	9	TT	210047		TT	210072	104	114	94	90	96	105	111	107	104	119	111	101	112	111	114	94	101	110	112	94	103	111	130	93	97	99	103	112	129	119	127	130
								85	84	80	80	70	76	83	80	77	80	30	0.87	-1.6	28	12.3	0.2	39	15.6	110	12	-20	0.5	26.9	-2.4	-2.2	18.0	16	30	2.38	0.84	3.10	0.46
																		79	86	82	80	84	80	81	82	81	78	78	81	81	78	61	80	80	80	80			
ADM 240054	97897946	5	GH	190009		TT	210018	82	114	97	98	98	104	108	109	104	114	100	84	86	101	114	97	108	109	107	98	103	128	118	99	98	88	103	106	93	128	101	97
								85	85	81	81	70	76	84	81	77	80	19	2.33	1.4	17	12.3	1.1	56	15.0	102	21	-20	1.2	21.4	-5.4	-2.3	10.9	16	26	-0.24	1.47	-0.05	-0.01
																		79	86	83	81	85	81	82	84	82	79	78	82	81	79	61	81	81	81	80			
ADM 240061	97897979	7	GH	210009		A	180013	103	89	98	111	111	100	88	83	95	77	88	105	90	88	89	98	94	83	85	92	88	129	75	102	111	113	81	79	72	96	97	72
								85	82	80	80	70	75	82	78	76	77	8	0.56	0.9	3	1.6	1.4	23	1.3	57	5	-7	1.3	1.3	-7.0	-4.6	26.8	3	9	-1.78	-0.79	-0.48	-0.35
																		78	86	82	80	82	80	81	82	80	76	76	78	78	77	62	80	78	77	77			
ADM 240075	98045008	5	ADM	210028		GA	220218	89	122	89	84	105	110	112	138	115	138	120	88	104	119	122	89	99	133	139	111	121	70	134	106	104	100	141	132	125	85	105	124
								84	84	79	79	69	75	82	79	76	78	38	1.99	-0.6	22	15.6	-1.4	34	27.6	165	54	-36	-1.1	28.4	-9.0	-3.3	18.8	37	43	2.08	-1.62	0.46	0.36
																		78	85	81	79	84	79	81	81	80	77	76	80	79	78	60	80	79	78	78	78		
ADM 240078	98872294	3	GH	190057		ADM	200011	86	116	99	94	105	111	112	104	109	116	105	83	100	106	116	99	109	112	102	93	94	98	83	103	104	110	99	95	116	116	104	118
								85	84	81	81	70	76	83	80	77	80	25	2.38	-0.2	22	13.0	1.7	58	16.7	91	10	-12	0.0	5.1	-7.1	-3.4	24.5	13	20	1.45	0.60	0.31	0.28
																		79	86	83	81	84	81	82	82	81	79	78	81	80	79	61	81	80	80	79	80		
PX 240084	97500425	6	ST	200056		ADM	200003	98	122	99	95	110	123	124	91	118	122	105	96	105	104	122	99	115	113	105	78	94	117	123	103	111	115	104	112	111	124	78	114
								84	84	80	80	70	76	83	80	77	82	25	1.28	-0.7	20	15.4	1.7	71	16.8	97	-27	-12	0.8	23.5	-7.5	-4.5	27.7	16	30	1.07	1.25	-2.75	0.23
																		78	85	82	80	84	80	81	82	81	78	77	86	84	78	61	80	84	81	81	83	81	
ADM 250001	6020363880	6	TT	150053		ADM	070005	100	98	101	111	124	118	102	78	111	89	86	97	101	88	98	101	106	94	86	103	95	102	103	107	127	101	88	89	90	125	104	93
								72	62	59	58	34	51	62	32	47	46	7	1.25	-0.3	3	5.6	2.3	49	6.8	59	34	-13	0.2	14.2	-9.2	-7.3	19.0	7	15	-0.45	1.30	0.37	-0.06
																		49	75	64	58	62	59	60	58	46	22	13	54	53	42	25	56	51	47	44	48	44	46
ADM 250008	98558380	4	GH	190057		ADM	180042	95	99	107	96	106	104	100	107	104	107	102	94	102	102	99	107	105	98	106	116	103	87	97	108	105	96	95	96	113	109	104	113
								68	70	53	50	29	50	64	26	45	40	21	1.50	-0.4	18	6.1	4.0	48	8.9	99	65	-20	-0.4	11.7	-9.8	-3.5	16.0	11	20	1.19	0.12	0.37	0.22
																		42	73	58	50	70	53	58	56	40	35	8	47	45	38	20	49	44	40	37	42	38	40
ADM 250009	98558398	6	GH	190057		ADM	170005	82	125	115	80	99	118	130	117	119	120	120	69	101	121	125	115	123	121	121	110	112	105	117	99	98	98	116	120	124	94	96	123
								68	70	53	50	28	50	64	28	46	38	39	3.61	-0.3	39	17.0	6.5	90	20.9	130	51	-28	0.3	20.7	-5.3	-2.3	17.4	23	35	2.00	-0.97	-0.58	0.35
																		41	73	58	50	70	53	58	58	39	30	13	47	45	37	20	49	44	39	36	41	36	38
ADM 250011	98558406	6	GH	190057		ADM	190056	79	106	112	96	111	112	106	109	112	113	99	79	88	102	106	112	116	104	108	105	101	87	101	102	113	103	102	100	123	128	106	126
								68	68	52	50	26	49	63	26	44	40	19	2.77	1.2	18	8.8	5.8	73	12.3	102	38	-19	-0.4	13.5	-6.6	-4.9	20.1	15	22	1.96	1.48	0.62	0.39
																		41	73	57	50	68	52	57	54	40	29	8	47	45	34	19	47	44	40	38	43	39	40
ADM 250013	98558422	3	GH	190057		ADM	190035	81	99	115	101	107	106	101	100	104	104	96	80	89	96	99	115	116	96	97	104	92	89	89	108	105	105	89	93	113	103	112	113
								68	68	51	49	26	48	62	21	43	34	16	2.66	1.1	12	5.9	6.8	74	8.0	81	35	-10	-0.3	7.7	-10.1	-3.5	21.5	8	18	1.23	-0.31	1.28	0.22
																		39	73	57	49	68	51	56	56	34	27	5	41	39	35	18	46	38	34	32	36	32	34

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	Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Sire ID	Dam ID	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -brth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean wt	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thickn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling	Dress %
ADM 250014	98558430	3	GH 190057 ADM 180044				83 68	96 69	114 53	94 49	104 28	101 49	96 63	107 26	101 44	109 40	101 21	83 2.38	94 0.6	104 20	96 4.9	114 6.5	109 58	95 7.4	103 93	110 50	97 -15	97 0.0	94 9.9	107 -9.3	102 -3.1	99 17.7	93 10	92 18	121 1.77	117 0.67	95 -0.67	122 0.34
ADM 250015	98558448	4	GH 190057 ADM 200057				78 65	111 64	131 46	81 46	108 22	120 45	119 59	125 21	122 40	127 33	118 37	67 3.71	90 1.0	119 36	111 11.0	131 11.8	128 102	112 16.4	126 139	99 23	115 -30	96 -0.1	105 15.0	104 -7.9	110 -4.3	100 18.4	113 22	118 34	117 1.48	94 -0.99	115 1.66	116 0.26
ADM 250016	98558455	4	GH 190057 ADM 190052				84 68	108 69	112 52	91 49	101 28	107 49	109 63	113 22	108 44	111 34	110 29	84 2.35	97 0.2	108 24	108 9.8	112 5.7	114 70	107 13.8	114 114	107 43	105 -22	96 0.0	99 12.2	102 -6.7	100 -2.6	106 22.0	101 15	105 26	115 1.35	104 -0.26	103 0.21	115 0.25
ADM 250019	99196172	6	TT 210047 ADM 210043				117 66	111 54	77 45	98 40	102 24	103 41	104 52	105 30	103 39	112 42	102 22	113 -0.12	117 -2.1	102 18	111 11.0	77 -5.2	86 3	107 13.7	117 121	112 55	115 -30	114 0.7	135 29.0	91 -1.1	105 -3.5	107 23.1	116 23	118 34	121 1.78	108 0.09	115 1.72	121 0.33
ADM 250022	99196206	6	TT 210047 HBH 180070				131 68	105 56	91 48	94 47	91 26	99 44	108 55	84 32	95 42	104 44	105 24	126 -1.23	128 -3.3	106 22	105 8.5	91 -0.9	93 20	99 9.4	90 67	105 38	105 -21	115 0.7	124 24.1	88 0.0	92 -1.3	107 23.0	103 16	108 28	117 1.47	111 0.28	132 3.74	117 0.27
ADM 250023	99196214	6	GH 220096 XY 110028				112 68	104 53	88 51	101 48	118 26	113 44	101 54	90 27	108 41	101 35	98 17	109 0.23	111 -1.4	98 14	104 8.0	88 -1.7	93 19	99 9.4	93 73	95 13	92 -10	87 -0.4	97 11.5	119 -15.5	114 -5.0	104 20.9	100 14	96 20	92 -0.30	139 2.27	109 0.98	96 -0.01
ADM 250025	99196230	6	GH 220096 ADM 160039				97 67	110 52	99 48	97 47	127 26	125 43	110 53	97 20	121 38	104 30	102 22	93 1.58	108 -1.1	102 18	110 10.6	99 1.7	107 51	107 13.6	99 84	97 20	92 -10	88 -0.4	111 17.8	118 -14.9	125 -7.0	110 24.8	100 14	100 23	107 0.79	97 -0.76	101 -0.01	107 0.13
ADM 250027	99196255	7	TT 210047 TT 180022				104 66	116 55	100 47	89 46	87 24	103 43	117 54	102 32	101 41	119 42	111 30	100 0.94	113 -1.6	111 28	116 13.0	100 2.0	108 55	110 15.5	114 115	101 27	101 -19	131 1.3	125 24.6	91 -1.2	87 -0.4	104 21.2	108 19	118 34	136 2.92	122 1.08	125 2.90	138 0.56
ADM 250028	99196263	5	TT 210047 ADM 230023				109 64	107 53	90 37	100 35	98 20	101 38	104 49	94 30	98 36	106 41	99 19	107 0.36	106 -0.9	100 15	107 9.3	90 -1.2	96 27	103 11.5	101 90	101 27	97 -15	117 0.8	115 19.8	92 -2.0	99 -2.5	106 22.1	98 13	102 24	112 1.17	119 0.88	109 1.03	114 0.23
ADM 250030	99649881	6	TT 210047 ADM 170035				107 68	119 56	103 50	83 47	102 25	116 44	122 55	121 32	117 42	128 44	120 39	106 0.46	113 -1.6	119 36	119 14.1	103 3.0	109 58	114 17.7	133 154	109 49	120 -35	126 1.2	133 28.1	97 -4.6	102 -3.0	110 24.8	120 26	129 41	127 2.22	124 1.22	129 3.40	129 0.44
ADM 250033	99649915	6	TT 210047 ADM 160022				127 68	104 56	91 49	93 47	116 25	114 44	105 55	105 32	113 42	121 42	106 25	123 -0.99	124 -2.9	107 24	104 8.0	91 -1.0	91 16	101 10.4	114 116	103 33	102 -20	107 0.4	121 22.5	104 -7.8	117 -5.7	108 23.8	112 21	115 32	123 1.97	129 1.55	120 2.25	126 0.40
ADM 250034	99649923	6	TT 210047 ADM 160044				124 68	100 54	88 49	103 47	107 26	106 44	101 54	88 32	101 42	104 42	98 18	120 -0.72	118 -2.2	96 12	100 6.6	88 -1.7	91 14	94 7.1	100 87	102 31	96 -14	110 0.5	123 23.7	95 -3.2	110 -4.3	108 23.8	102 15	107 27	115 1.35	110 0.17	107 0.76	116 0.25

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	Index	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean wt	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thickn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling	Dress %	
Animal no	%	Parentage	Sire ID Dam ID																																	
ADM 250035	6	TT	210047	111	111	101	88	115	120	114	114	119	126	112	108	116	113	111	101	104	110	123	112	110	100	125	105	116	112	119	122	131	112	126	132	
99649931		ADM 160028	68	57	49	47	26	44	56	31	41	42	31	0.28	-2.0	30	11.0	2.4	46	15.4	133	55	-26	0.1	24.4	-8.5	-5.4	25.8	25	37	2.52	0.35	3.04	0.48		
ADM 250036	5	GH	190057	87	107	108	93	111	113	107	102	111	104	103	86	99	106	107	108	111	104	98	110	98	97	97	107	111	96	93	95	112	122	102	114	
99653412		TT 200029	69	60	50	50	28	47	58	25	43	39	23	2.17	-0.1	22	9.4	4.5	62	12.4	83	51	-16	0.0	11.5	-9.6	-4.6	16.0	10	19	1.11	1.04	0.09	0.22		
ADM 250041	6	ADM	230042	92	109	88	103	86	90	101	111	92	99	97	93	91	96	109	88	98	106	114	104		95	119	97	84	106	107	101	82	104	93	83	
99653446		ADM 220002	63	49	39	34	20	37	47	22	34	39	16	1.58	0.8	12	10.1	-1.7	31	13.1	116	35	-0.1		21.8	-4.3	0.2	22.5	18	23	-1.09	-0.21	-0.98	-0.20		
ADM 250042	5	TT	210047	115	109	96	96	84	97	112	95	95	112	104	112	116	103	109	96	102	101	107	100	100	122	120	83	85	102	102	111	123	112	117	124	
99653438		ADM 230021	64	53	37	35	20	38	49	30	36	41	24	-0.04	-1.9	19	10.2	0.8	42	10.9	102	26	-17	1.0	22.3	2.5	-0.1	19.7	15	30	1.95	0.32	1.88	0.37		
ADM 250044	6	GH	190057	91	112	106	93	105	113	113	120	114	125	103	90	99	105	112	106	113	107	119	97	103	111	103	98	106	96	107	113	125	129	109	127	
99653479		TT 210018	68	59	49	48	28	46	57	30	43	39	22	1.79	-0.1	22	11.5	3.7	66	13.8	124	19	-20	0.5	14.0	-4.6	-3.7	15.9	18	31	2.06	1.58	1.03	0.41		
ADM 250047	7	ADM	230042	116	104	86	107	91	96	104	105	96	108	93	111	117	92	104	86	93	97	108	97	102	108	104	100	89	107	104	100	89	134	110	93	
99652562		ADM 230030	62	47	34	30	17	34	45	24	32	38	12	0.06	-2.1	8	8.1	-2.4	20	8.7	104	19	-19	0.4	14.5	-5.9	-0.6	22.8	17	22	-0.55	1.97	1.11	-0.06		
ADM 250048	5	ADM	230042	75	121	103	90	102	112	116	108	111	117	114	80	83	109	121	103	116	118	105	101	94	90	90	104	100	97	102	106	99	120	106	102	
99744385		HBH 170163	66	51	45	42	24	41	51	24	38	38	33	2.67	1.7	26	15.2	3.0	73	19.4	98	29	-12	-0.3	8.1	-7.6	-2.7	16.8	15	27	0.21	0.95	0.66	0.06		
ADM 250052	4	ADM	230006	90	116	106	81	88	100	114	109	101	122	124	91	101	121	116	106	108	116	120	111	121	78	125	93	88	115	126	126	115	89	116	114	
99744427		HBH 200031	64	48	40	36	21	37	47	23	34	38	43	1.69	-0.3	39	13.0	3.7	55	18.7	128	52	-36	-0.8	24.4	-2.2	-0.5	27.8	29	39	1.36	-1.33	1.76	0.23		
ADM 250056	7	ADM	230006	75	117	120	90	96	112	121	98	109	116	109	71	79	108	117	120	129	113	116	107	120	93	126	96	96	114	126	122	119	125	114	122	
99744468		ADM 220036	83	80	79	79	68	73	80	77	74	78	28	3.40	2.2	24	13.3	8.4	104	17.2	118	43	-35	-0.2	24.8	-3.8	-2.0	27.1	29	36	1.67	1.29	1.59	0.33		
ADM 250057	7	ADM	230006	93	114	107	88	100	110	115	107	109	119	113	91	106	113	114	107	112	112	118	101	117	89	138	94	102	108	119	121	118	102	117	118	
99744476		TT 210072	84	80	79	79	68	73	80	78	74	78	32	1.73	-0.9	29	12.0	4.3	64	16.4	122	28	-32	-0.3	30.3	-3.0	-2.9	23.3	25	36	1.55	-0.35	1.95	0.28		
ADM 250058	5	TT	210047	106	107	94	98	101	104	104	98	102	109	101	106	101	101	107	94	99	100	106	92	100	129	104	92	103	104	98	108	112	113	124	114	
99744484		A 180013	67	55	47	46	24	43	54	30	40	40	20	0.44	-0.3	17	9.2	-0.1	34	10.3	99	7	-17	1.3	14.5	-2.0	-3.2	20.9	13	28	1.17	0.40	2.78	0.22		
ADM 250061	2	GH	190057	106	97	120	101	99	107	111	108	107	110	96	101	111	95	97	120	119	92	102	98	100	98	91	104	97	102	109	103	111	104	115	111	
99987208		ADM 160016	68	59	52	49	26	46	58	24	42	38	16	0.88	-1.4	11	5.1	8.2	82	5.7	91	21	-17	0.0	8.8	-7.7	-2.2	19.6	19	25	1.06	-0.27	1.68	0.19		

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	Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Sire ID	Dam ID	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean wt	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thickn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling	Dress %
ADM 260001	6020122609	5	GH 220096 ADM 230037				111 64	109 48	92 37	88 37	106 22	107 37	105 47			106 28	114 33	105 0.51	120 -2.5 48	113 30	109 10.1	92 -0.6	94 22	108 14.2	100 87	97 20		95 -0.1 34	101 13.2	110 -10.9	103 -3.2	110 25.0	103 16	102 24	113 1.18	98 -0.66	109 0.96	112 0.20
ADM 260003	6020127442	6	TT 210047 ADM 190028				105 66	116 55	108 46	91 45	99 22	115 42	123 54	112 30	115 40	126 40	109 28	104 0.62	108 -1.1 54	109 25	116 13.1	108 4.5	116 75	112 16.3	125 136	100 25	108 -25	121 0.9 48	126 25.0	95 -3.5	99 -2.5	113 26.5	118 25	124 38	128 2.34	129 1.57	126 3.02	131 0.47
ADM 260004	6020127459	8	ADM 210028 ADM 230032				103 65	103 54	83 40	100 37	111 24	102 40	93 51	127 22	106 36	115 37	100 19	101 0.86	105 -0.8 49	100 16	103 7.5	83 -3.4	86 2	106 13.3	131 148	116 65	121 -35	67 -1.2 44	128 25.7	104 -8.0	112 -4.7	106 22.6	131 32	118 34	111 1.08	87 -1.45	104 0.34	110 0.18
ADM 260005	6020127467	4	ADM 210028 ADM 180044				88 67	103 57	91 49	90 46	106 24	97 44	90 56	120 25	100 40	113 40	108 28	91 1.74	93 0.7 55	111 27	103 7.7	91 -0.7	90 13	109 14.7	125 136	117 68	120 -35	77 -0.8 48	123 23.7	109 -10.4	105 -3.5	102 19.9	124 28	113 31	116 1.40	90 -1.23	96 -0.57	114 0.24
ADM 260006	6020127475	7	ADM 210028 ADM 190056				90 67	110 55	89 49	91 47	114 24	108 43	97 55	122 26	110 40	117 40	107 26	94 1.50	92 0.8 55	109 26	110 10.4	89 -1.7	93 19	115 17.9	129 145	112 57	124 -38	67 -1.2 48	131 27.3	104 -7.7	116 -5.3	107 22.8	132 33	120 35	118 1.56	102 -0.42	107 0.72	118 0.28
ADM 260012	6020134737	5	TT 210047 ADM 190035				115 66	99 54	95 46	96 45	102 22	101 41	98 53	88 28	97 38	108 37	103 23	114 -0.21	110 -1.3 54	103 19	99 6.1	95 0.4	94 21	97 8.5	99 84	102 31	95 -13	113 0.6 44	107 16.0	103 -7.5	101 -2.8	113 26.8	95 11	105 26	122 1.86	114 0.50	132 3.80	123 0.35
ADM 260015	6020341456	7	TT 210047 ADM 200052				119 66	109 54	88 45	94 45	103 23	107 42	108 53	100 31	105 40	114 39	105 24	115 -0.29	120 -2.4 53	106 22	109 10.2	88 -1.7	94 21	102 11.0	113 113	102 31	105 -22	119 0.9 47	123 23.3	97 -4.3	104 -3.4	109 24.1	108 18	117 33	130 2.44	109 0.15	117 1.94	130 0.45
ADM 260016	6020341464	8	GH 220096 TT 200021				93 66	123 51	92 45	88 46	103 24	113 41	116 52	111 21	112 37	115 32	111 31	91 1.75	106 -0.9 54	113 30	123 15.7	92 -0.5	105 47	119 20.1	115 116	105 38	115 -30	94 -0.1 37	122 23.0	105 -8.5	101 -2.9	106 22.5	117 24	115 32	116 1.46	100 -0.50	116 1.86	116 0.26
ADM 260017	6020341472	6	GH 220096 ADM 190041				81 65	122 50	101 45	89 45	119 24	125 41	117 51			112 28	113 32	80 2.63	98 0.1 53	112 28	122 15.5	101 2.2	113 66	121 21.0	110 107	103 34		89 -0.3 35	114 19.6	117 -14.5	117 -5.5	116 28.2	111 20	112 30	116 1.41	94 -0.97	112 1.38	115 0.24
ADM 260019	6020484595	5	GH 220096 ADM 180042				92 64	110 51	93 48	92 47	111 26	109 42	102 52	92 21	105 38	98 32	108 27	91 1.76	102 -0.4 54	108 24	110 10.6	93 -0.3	98 31	109 15.0	97 82	108 47	100 -17	89 -0.3 38	106 15.8	120 -16.1	107 -3.8	104 20.8	95 11	96 20	103 0.46	104 -0.27	109 0.98	103 0.08
ADM 260020	6020548845	7	GH 220096 ADM 170005				94 65	121 51	100 47	83 46	104 25	115 42	119 52	99 23	112 38	107 30	118 37	91 1.75	110 -1.3 54	119 37	121 15.3	100 1.9	108 55	118 19.4	108 104	105 39	108 -24	107 0.4 38	123 23.7	113 -12.3	100 -2.6	106 22.4	112 21	115 32	111 1.06	89 -1.35	101 0.01	110 0.17

Breeding Values and Accuracies: Cows & Heifers

Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass			
ID	Inbreeding	Genomic	Index	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FOR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling	Dress %
Animal no	%	Parentage	EBV Acc																																
E 110023		GNC 080018		90	100	125	88	97	103	106	104	102	116	113	90	98	111	100	125	118	106	104	99		119	112	103	96	107	121	115	118	95	94	117
73911323		DT 080008		82	77	80	73	24	59	78	28	53	50	32	1.78	0.1	28	6.3	9.7	79	13.1	96	23		0.9	18.3	-7.1	-1.9	22.7	26	32	1.57	-0.91	-0.83	0.28
														68	83	79	73	77	80	77	64	48	29		62	59	31	17	65	56	49	47	52	47	50
XY 110028	4	HBH 061018		124	83	82	124	118	101	83	82	96	89	80	123	107	81	83	82	75	76	85	93	88	80	79	114	117	97	102	87	67	150	103	75
74285040		ADM 050053		85	82	86	78	43	68	83	47	64	57	0	-0.96	-1.0	-5	-0.7	-3.6	-22	-2.7	57	8	-7	-0.7	3.0	-13.0	-5.5	16.7	15	14	-2.17	3.11	0.25	-0.30
														62	85	82	78	82	86	82	72	60	51	30	70	68	51	35	71	66	61	54	60	53	57
ADM 150020	6	HBH 090203		99	90	122	99	91	96	100	100	95	102	100	103	90	97	90	122	116	84	101	94	106	101	98	93	92	111	117	105	102	116	113	103
83313130		ADM 080061		81	79	82	79	45	67	80	32	60	44	20	0.75	0.9	13	2.4	9.0	73	1.8	89	12	-22	0.2	12.0	-2.3	-1.2	25.2	24	26	0.40	0.63	1.49	0.08
														73	82	80	79	79	82	80	76	47	33	12	58	56	57	33	67	54	48	41	46	41	44
ADM 150021	3	HBH 090203		98	89	108	96	85	82	87	101	82	89	109	103	90	102	89	108	98	89	105	111	117	107	91	106	79	112	108	98	77	113	111	79
83313148		ADM 100039		80	77	82	77	42	65	78	26	57	34	29	0.74	1.0	18	1.7	4.6	32	4.3	96	53	-33	0.4	8.7	-8.9	1.0	26.0	19	21	-1.44	0.42	1.22	-0.26
														66	81	79	77	77	82	79	74	38	29	11	46	44	54	31	64	43	39	32	35	32	34
HBH 150087	8	HBH 040858		85	86	84	123	74	64	73	87	63	83	79	94	59	81	86	84	80	82	83	87	87	88	95	87	73	98	93	80	101	110	97	101
82516592		HBH 120081		81	78	80	77	46	66	79	36	60	52	0	1.52	4.4	-4	0.6	-3.2	-12	0.9	53	-6	-6	-0.4	10.4	0.9	2.0	17.1	10	9	0.30	0.20	-0.46	0.05
														77	82	79	77	78	80	78	76	55	52	14	60	59	57	36	68	58	55	50	54	51	52
ADM 160016		GH 120013		121	89	115	109	91	98	105	89	94	94	90	115	117	89	89	115	111	82	85	85	98	106	85	108	87	109	120	102	88	97	125	88
84415496		ADM 110024		78	73	76	70	34	59	74	28	53	46	10	-0.31	-2.1	4	1.7	6.6	63	0.7	58	-12	-15	0.3	5.8	-9.9	-0.3	24.1	26	24	-0.63	-0.77	2.90	-0.13
														64	79	74	70	73	76	73	68	43	19	6	53	55	43	24	58	47	40	42	50	43	46
ADM 160022	6	XY 100005		107	97	96	102	134	121	96	106	119	107	94	104	109	97	97	96	95	93	107	98	96	74	108	119	134	106	113	100	93	125	93	96
84414945		XY 110028		81	78	80	76	41	65	79	36	59	46	14	0.66	-1.2	13	5.1	0.6	24	6.6	100	20	-14	-0.9	16.3	-15.3	-8.6	22.4	22	23	-0.26	1.26	-1.02	-0.02
														64	82	78	76	78	80	78	64	49	31	17	55	58	50	32	66	52	47	43	49	39	46
ADM 160028	6	XY 100005		91	104	115	90	132	128	108	123	129	116	108	89	103	108	104	115	114	105	124	116	112	62	116	122	132	113	128	115	108	91	106	108
85171262		XY 090100		82	79	80	76	43	66	79	33	59	47	27	1.88	-0.5	25	8.0	6.8	69	12.6	134	65	-28	-1.4	20.1	-16.7	-8.2	26.4	30	32	0.85	-1.14	0.56	0.14
														71	83	79	76	79	80	78	72	51	29	11	62	59	53	33	67	57	51	44	50	44	47
ADM 160039	7	XY 100005		97	95	104	109	136	124	98	96	120	96	90	93	102	89	95	104	105	91	97	98	88	82	106	112	139	110	103	95	97	94	87	96
85504181		ADM 070005		80	78	80	75	43	65	78	30	58	42	10	1.60	-0.5	5	4.3	3.2	47	5.3	81	21	-7	-0.6	15.5	-11.7	-9.5	24.6	16	19	0.01	-0.97	-1.74	-0.02
														70	81	78	75	78	80	78	72	47	23	10	58	56	53	33	67	54	47	40	45	40	42
ADM 160044	8	XY 100005		105	88	90	131	117	105	91	71	97	73	79	102	96	75	88	90	91	79	78	96	82	82	113	101	119	106	93	85	76	86	68	75
85504207		ADM 060046		80	72	80	75	42	63	75	34	57	49	0	0.83	0.2	-11	1.4	-1.1	15	-1.2	43	16	-2	-0.6	18.8	-6.2	-6.0	22.6	10	13	-1.49	-1.50	-4.01	-0.31
														68	81	78	75	72	80	76	66	51	20	12	64	61	51	32	66	59	52	46	52	46	49
ADM 160048	10	XY 100005		81	99	129	92	113	115	107	114	115	122	105	78	95	105	99	129	125	104	121	100	100	101	127	103	114	100	123	114	97	116	78	100
85504215		ADM 080051		81	70	77	74	41	61	73	37	56	54	25	2.82	0.4	21	5.8	11.2	94	12.1	129	25	-17	0.2	25.5	-7.6	-5.0	18.6	27	32	0.07	0.65	-2.78	0.03
														70	82	77	74	70	77	74	63	57	23	11	68	68	50	32	66	63	56	52	57	53	54
ADM 170005	8	AM 130091		91	117	105	79	92	103	116	100	101	101	122	89	108	124	117	105	107	113	116	114	120	120	131	102	89	102	126	124	104	78	87	102
86054509		ADM 070019		80	76	77	74	38	62	76	38	57	46	41	1.89	-1.1	42	13.5	3.5	53	16.8	119	60	-35	0.9	27.3	-6.7	-0.6	19.7	29	38	0.55	-2.15	-1.68	0.06
														69	81	77	74	76	77	76	72	48	31			56	48	28	64	55	49	43	48	43	46

Breeding Values and Accuracies: Cows & Heifers

Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass					
ID	% Inbreeding	Genomic Parentage	Index EBV Acc	Sire ID	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling	Dress %	
Animal no				Dam ID																																	
ADM 170027		AM	090025		102	89	115	98	106	101	94	127	105	106	101	102	101	99	89	115	106	89	124	97	127	120	105	111	105	101	122	112	75	61	105	72	
92828169					68	59	66	69	26	50	63	28	46	44	20	0.83	-0.3	15	1.7	6.8	51	4.1	135	20	-41	0.9	15.0	-11.3	-3.6	19.0	27	30	-1.56	-3.38	0.46	-0.34	
															59	68	69	69	59	66	65	50	45	26	6	57	54	34	19	50	52	46	41	46	41	44	
ADM 170035	6	AM	090025		98	112	118	81	106	117	119	136	122	121	122	100	104	120	112	118	117	106	145	110	132	114	132	106	104	109	129	129	100	116	112	102	
86123858		E	110003		81	78	81	76	40	64	79	34	58	54	41	0.98	-0.6	37	11.2	7.7	76	13.3	176	52	-45	0.7	27.6	-8.9	-3.3	24.5	31	41	0.26	0.61	1.27	0.07	
															66	82	79	76	78	81	78	74	54	28	8	68	65	50	30	64	63	55	51	57	51	54	
HBH 170163	4	AM	110165		70	124	109	78	111	120	118	107	118	120	134	80	80	126	124	109	115	124	106	107	89	80	70	102	112	89	107	119	121	109	109	122	
86618568		HBH	050886		79	76	76	74	41	63	76	32	57	46	53	2.68	2.1	43	16.4	4.8	72	22.8	99	43	-8	-0.7	-1.3	-6.8	-4.8	11.7	18	34	1.81	0.09	0.97	0.34	
															72	80	76	74	76	75	75	47	40	14	56	55	52	30	64	53	48	43	48	43	46		
A 180013	7	AM	130144		83	93	100	117	105	97	90	91	94	83	85	89	68	84	93	100	102	84	90	77	91	120	73	96	106	97	85	86	71	93	101	71	
87902755		V	100081		78	75	73	74	38	61	75	30	55	42	5	1.93	3.4	-2	3.7	1.9	41	1.5	67	-31	-9	0.9	0.4	-3.7	-3.7	16.7	6	14	-1.85	-1.05	0.04	-0.36	
															63	80	75	74	75	73	74	74	48	30	9	50	49	43	33	61	48	45	41	44	41	42	
ADM 180042	3	HBH	040858		92	92	91	99	105	90	80	86	86	82	101	94	93	100	92	91	84	93	94	120	104	85	97	117	102	97	93	87	88	107	103	88	
88212360		ASE	080032		79	76	78	75	42	64	77	34	58	49	21	1.51	0.7	16	3.1	-1.0	-1	6.7	75	76	-21	-0.5	11.4	-14.2	-3.0	16.6	10	14	-0.66	0.02	0.26	-0.13	
															72	80	76	75	76	78	76	68	52	48	13	59	57	53	31	64	54	52	47	51	47	49	
ADM 180044		HBH	040858		97	80	102	96	101	82	71	86	79	89	99	101	92	103	80	102	84	80	88	108	92	104	89	115	97	102	89	80	105	123	86	107	
88281753		ADM	130023		77	73	77	72	36	60	74	34	55	50	18	0.93	0.7	19	-2.1	2.5	-1	-0.4	63	46	-10	0.3	7.9	-13.3	-2.1	19.6	8	10	0.64	1.12	-1.83	0.13	
															70	78	74	72	73	77	74	57	52	46	13	58	57	44	28	62	55	52	49	52	49	50	
GH 180036	4	GH	130038		71	101	78	102	113	93	77	96	91	91	98	76	65	98	101	78	81	105	92	100	95	101	92	89	120	110	104	92	95	95	93	95	
87681946		GH	100056		78	75	76	75	40	62	76	20	54	28	18	3.02	3.8	14	6.9	-4.9	-10	12.9	70	27	-13	0.2	9.1	-0.5	-6.1	24.7	16	17	-0.08	-0.86	-0.95	-0.03	
															63	79	75	75	75	76	75	74	30	33	7	38	36	51	29	62	35	31	26	30	27	28	
HBH 180070	5	W	140043		120	97	96	104	84	90	102	64	82	72	93	115	121	94	97	96	96	87	57	101	100	91	115	88	84	104	95	87	79	90	117	78	
88577234		HBH	060981		79	77	77	76	43	64	77	34	58	58	12	-0.25	-2.5	9	5.1	0.7	27	3.2	2	30	-18	-0.3	19.6	0.2	0.2	20.9	12	14	-1.25	-1.28	1.96	-0.26	
															75	80	77	76	77	77	77	74	56	32	8	66	64	55	31	64	62	57	55	60	55	58	
TT 180010	7	AM	090038		115	107	109	80	93	104	114	113	105	105	123	109	127	123	107	109	104	106	111	120	118	126	129	64	103	102	107	106	87	107	111	88	
87352407		TT	150007		74	75	74	75	44	63	75	36	58	54	42	0.20	-3.3	40	9.5	4.7	46	13.5	109	74	-33	1.1	26.5	12.0	-3.1	19.6	18	26	-0.70	-0.03	1.17	-0.13	
															67	74	74	75	75	74	75	73	53	36	17	60	59	54	35	64	57	53	52	56	52	54	
TT 180022	18	TT	120B03		87	109	113	93	77	92	112	99	91	103	105	84	101	105	109	113	117	100	106	93	94	123	117	93	74	98	105	107	119	112	103	120	
87554994		TT	150034		72	75	74	73	38	61	74	36	56	48	25	2.33	-0.3	21	10.0	5.9	75	10.0	99	9	-12	1.0	20.7	-2.1	1.9	17.3	17	27	1.66	0.32	0.27	0.31	
															66	73	72	73	75	74	74	74	47	25	20	50	55	48	27	62	47	43	45	50	45	48	
TT 180051	5	HBH	140060		78	122	132	69	92	115	133	119	116	134	139	72	100	136	122	132	128	132	127	121	130	94	124	100	90	98	122	135	124	130	118	128	
87931382		TT	150001		76	74	74	74	38	61	74	42	57	48	57	3.36	-0.1	55	15.4	11.9	101	26.9	140	77	-43	-0.1	23.8	-6.0	-0.9	17.1	26	45	2.04	1.66	2.01	0.42	
															61	78	74	74	74	74	74	72	48	33	33	54	53	43	32	61	52	49	47	50	47	48	
ADM 190028	8	ADM	160042		100	104	128	96	99	115	120	119	116	117	101	101	96	100	104	128	130	98	127	91	108	103	118	102	98	115	126	120	103	125	105	106	
89196091		ADM	170035		76	73	72	70	35	59	73	26	52	42	21	0.86	0.2	16	8.2	10.7	108	9.0	141	4	-25	0.2	21.4	-6.8	-2.3	27.9	29	35	0.49	1.29	0.52	0.12	
															66	78	72	70	73	72	72	70	41	17	6	53	51	44	26	56	49	42	39	45	39	42	

Breeding Values and Accuracies: Cows & Heifers

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	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thickn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling	Dress %	
Animal no			Sire ID Dam ID																																	
ADM 190035	3	ADM 160003	ADM 160015	92	83	104	110	106	92	80			80	90	95	83	89	83	104	95	81	75	96		87	79	118	102	116	79	80	90	96	118	89	
89207427				76	70	72	71	34	58	71			29	10	1.43	1.7	4	-0.6	3.2	25	0.2	38	17	-0.4	3.3	-14.8	-2.9	28.5	2	10	-0.47	-0.84	2.08	-0.11		
														64	78	73	71	70	72	71	67	29	15		38	36	44	25	55	34	30	27	31	27	29	
ADM 190041	6	ADM 160003	ADM 160028	80	111	106	91	121	120	107	109	119	111	112	82	90	108	111	106	110	112	119	110	110	83	113	110	122	121	125	118	114	88	110	112	
89420319				76	72	72	72	36	59	73	24	52	39	31	2.46	1.0	25	10.9	3.8	61	16.3	126	50	-26	-0.6	19.0	-11.0	-6.5	31.4	28	34	1.25	-1.38	1.05	0.21	
														69	78	73	72	72	72	72	69	39	19	6	50	47	45	26	56	46	40	36	42	36	39	
ADM 190052	5	ADM 160003	ADM 150021	90	101	100	91	95	92	93	96	91	91	114	93	92	109	101	100	97	103	107	104	107	103	98	105	92	118	102	102	91	97	100	91	
90104886				76	72	73	72	36	59	73	20	51	30	33	1.55	0.7	25	6.7	1.9	29	11.6	100	35	-24	0.2	11.8	-8.5	-1.2	30.0	15	24	-0.37	-0.73	-0.07	-0.08	
														69	77	73	72	72	73	72	68	31	19	6	39	37	45	26	56	36	32	28	32	28	30	
ADM 190056	6	TT 150053	GH 140095	90	98	97	98	116	105	90	90	101	97	96	95	84	101	98	97	95	98	97	99	101	84	105	104	118	111	106	95	110	145	107	114	
90104928				78	69	75	74	32	58	72	34	53	52	16	1.38	1.6	17	5.6	0.9	24	8.9	81	23	-18	-0.5	15.0	-7.9	-5.7	25.4	18	20	0.96	2.74	0.75	0.22	
														70	79	75	74	69	75	73	61	51	29	13	60	58	39	25	60	56	51	50	54	50	52	
GH 190065	4	XY 120065	GH 130056	115	95	76	116	68	69	89	86	67	89	86	112	106	86	95	76	78	88	93	81	82	122	104	84	65	106	97	93	94	114	104	95	
89773659				78	75	72	75	44	63	75	28	56	40	6	-0.05	-0.9	0	4.5	-5.6	-16	4.0	74	-20	-2	1.0	14.6	2.2	3.4	22.1	12	18	-0.19	0.46	0.31	-0.03	
														62	79	75	75	75	72	74	76	46	25	7	50	48	57	30	62	47	43	38	41	38	40	
ADM 200011		TT 150053	ADM 110022	91	96	102	101	104	98	92	92	95	101	97	95	86	97	96	102	100	99	92	98	103	111	86	109	102	107	101	91	98	122	103	100	
90285628				73	59	66	71	24	50	64	35	47	46	17	1.42	1.5	13	4.8	2.5	36	9.8	72	20	-20	0.6	6.2	-10.2	-3.0	23.1	15	17	0.10	1.05	0.20	0.04	
														59	75	71	71	59	66	65	51	48	16	18	54	52	31	17	54	50	45	44	49	45	46	
ADM 200026	10	GH 150004	ADM 150020	106	99	84	114	76	79	94	106	81	102	89	105	97	86	99	84	89	89	109	93	98	88	91	95	72	107	109	99	104	122	117	106	
90698366				76	72	65	71	40	59	71	30	53	48	9	0.52	0.2	1	5.9	-3.1	10	4.5	105	10	-16	-0.4	8.8	-3.5	2.2	23.2	19	22	0.54	1.06	1.97	0.12	
														47	78	72	71	72	65	69	72	47	22	8	57	55	53	26	60	53	48	46	51	46	48	
ADM 200042	6	GH 140006	XY 110028	114	76	80	130	117	92	71	87	89	73	75	115	92	77	76	80	69	76	83	98	85	77	83	106	117	112	92	75	70	125	69	73	
90913773				76	75	72	73	36	60	74	34	55	47	-4	-0.28	0.7	-9	-3.4	-4.3	-38	-2.5	53	21	-4	-0.8	5.0	-9.0	-5.6	26.0	9	6	-1.92	1.28	-3.83	-0.34	
														68	78	73	73	75	72	73	70	47	33	16	55	54	47	25	58	52	47	45	49	45	47	
ADM 200052	8	AM 130091	ADM 150024	102	102	90	105	108	104	99	95	101	93	93	98	106	94	102	90	95	90	104	96	102	99	111	105	108	107	105	104	106	86	87	104	
91503201				74	72	70	72	36	59	72	34	54	39	13	1.16	-0.9	10	7.4	-1.2	24	5.0	95	17	-19	0.1	18.1	-8.3	-4.0	23.1	17	25	0.69	-1.55	-1.64	0.09	
														68	76	72	72	72	70	71	70	41	19	24	48	46	46	26	58	45	41	37	41	37	39	
ADM 200055		AVR 150034		113	77	116	107	111	104	99	95	101	93	89	107	118	90	77	116	101	78	118	96	125	100	102	115	111	111	114	111	83	77	124	81	
93919983				58	47	56	62	18					21	9	0.36	-2.2	5	-3.2	6.9	39	-1.6	124	16	-39	0.1	13.9	-13.3	-4.6	25.7	22	29	-1.01	-2.18	2.77	-0.22	
														56	58	60	62	47	56	55	38	23	13	7	28	27	21	14	45	26	24	20	22	19	21	
ADM 200057		AVR 150034		72	94	139	77	111	123	73	139	121	116	72	73	80	124	94	139	121	102	125	91	126	101	107	112	111	105	121	120	90	77	124	89	
93920015				58	47	56	62	18	41	3.27	14.3	86	21	56	58	60	41	4.1	14.3	86	11.1	138	3	-40	0.1	15.9	-11.9	-4.6	21.5	26	35	-0.46	-2.20	2.81	-0.12	
																	62	47	56	55	38	23	13	7	28	27	21	14	46	26	24	20	22	19	21	
HBH 200031	2	V 130187	HBH 130017	96	111	101	77	77	86	106	111	88	115	131	98	105	128	111	101	98	112	113	114	118	74	113	89	75	105	115	118	96	75	114	95	
91285775				76	73	65	57	36	57	70	30	52	48	49	1.17	-0.8	46	10.8	2.3	31	16.3	112	61	-33	-0.9	18.8	-0.6	1.7	21.6	23	34	0.00	-2.33	1.52	-0.04	
														66	78	68	57	73	65	65	72	47	18	8	56	54	49	22	60	53	47	46	51	46	48	

Breeding Values and Accuracies: Cows & Heifers

Animal				Selection Values											Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass			
ID Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thickn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling	Dress %
ST 200081 91123240	5	T ST	110098 140017		81 75	123 73	105 70	85 74	96 41	111 61	119 73			115 17	121 40 59	87 2.03 77	85 1.5 73	117 34 74	123 16.1 73	105 3.5 70	115 72 72	124 22.8 64	114 115 22	89 0 20	98 -15 7	98 0.0 27	103 14.1 26	88 0.0 53	99 -2.4 29	111 25.6 61	119 25 25	113 31 22	116 1.44 16	95 -0.91 18	98 -0.35 16	115 0.25 17
TT 200021 90757261	5	GH TT	140001 170058		88 76	120 75	90 72	90 73	89 38	99 61	110 74	125 34	102 56	116 50	108 27 63	87 2.03 78	100 -0.1 73	111 28 73	120 14.7 75	90 -1.2 72	101 39 73	116 18.7 74	128 144 50	113 59 43	134 -47 16	94 -0.1 56	128 25.8 55	86 1.1 48	92 -1.2 27	102 20.0 58	135 34 54	124 38 51	115 1.34 49	101 -0.44 52	118 2.01 49	115 0.24 50
TT 200023 90871997	7	GH TT	140001 170055		89 75	110 74	73 69	82 73	66 39	64 60	85 73	119 33	70 55	113 48	116 35 62	93 1.53 77	95 0.4 72	123 40 73	110 10.5 74	73 -6.7 69	74 -25 72	111 15.8 68	124 135 49	103 34 43	133 -46 15	87 -0.4 54	132 27.7 53	58 15.3 51	73 2.0 27	99 17.8 58	128 30 52	117 33 49	111 1.08 47	105 -0.14 50	111 1.26 47	112 0.20 48
TT 200029 90911736	7	TT XY	150053 090022		92 77	105 74	91 70	91 74	116 38	107 60	94 74	76 32	100 54	83 46	105 25 66	94 1.51 79	97 0.1 74	110 26 74	105 8.6 74	91 -0.9 70	91 16 73	103 11.8 72	78 43 47	109 47 28	94 -12 13	104 0.3 54	96 11.0 53	116 -13.7 49	114 -5.1 27	97 16.9 60	89 8 52	85 13 48	89 -0.51 45	133 1.85 47	99 -0.29 45	93 -0.07 46
ADM 210009 91553131	3	GH ADM	150004 180044		96 74	94 72	90 68	122 58	86 38	85 57	92 70	107 32	86 52	102 54	80 0 68	98 1.17 76	85 1.6 66	82 -4 58	94 4.1 72	90 -1.3 68	93 20 66	93 6.3 70	103 94 51	117 68 28	95 -13 8	98 0.0 58	92 8.9 60	110 -11.0 51	79 0.9 24	108 23.7 58	92 10 54	85 13 49	99 0.22 51	141 2.41 56	115 1.67 51	103 0.08 54
ADM 210022 92810522	10	TT TT	140032 180022		103 73	100 72	98 65	106 52	95 30	97 54	101 68	91 32	94 50	88 48	91 11 62	99 1.04 76	106 -0.9 64	92 8 52	100 6.3 72	98 1.4 65	102 40 63	94 6.7 70	102 90 46	118 69 22	105 -22 15	108 0.4 48	137 30.0 54	97 -4.1 37	94 -1.6 24	99 17.9 55	92 9 46	97 21 42	100 0.29 46	101 -0.42 51	98 -0.36 46	100 0.04 48
ADM 210043 92824051	5	GH ADM	140001 160044		96 75	107 72	68 69	115 57	107 37	97 57	92 70	105 30	97 52	88 49	88 8 65	92 1.62 77	98 0.0 67	86 1 57	107 9.3 72	68 -8.2 69	79 -13 66	101 10.8 70	112 111 50	115 64 40	121 -36 8	88 -0.4 56	136 29.4 55	92 -2.0 48	110 -4.4 26	104 21.0 57	122 27 54	107 27 50	88 -0.63 47	84 -1.66 51	84 -2.08 47	86 -0.15 49
ADM 210048 92824119	8	GH ADM	140001 150024		91 74	113 70	74 58	95 58	104 38	97 55	94 67	127 30	102 50	110 46	105 25 64	90 1.82 76	99 -0.1 66	106 23 58	113 11.7 70	74 -6.3 58	83 -5 62	108 14.3 70	130 147 51	110 50 41	130 -44 7	97 0.0 53	139 30.9 52	90 -0.8 49	109 -4.1 27	102 20.0 57	135 34 52	122 37 49	110 1.02 45	93 -1.02 48	90 -1.35 45	110 0.17 46
TT 210018 92271303	5	ADM TT	170001 180041		100 75	115 72	86 66	92 70	103 35	106 58	106 71	112 42	107 55	124 46	105 24 58	102 0.77 77	98 0.1 71	109 25 70	115 12.8 72	86 -2.4 66	95 25 69	108 14.6 66	119 125 48	83 -15 23	105 -21 32	132 1.4 51	107 16.2 51	96 -3.8 47	105 -3.4 23	97 16.8 53	116 23 50	121 36 46	115 1.37 44	148 2.92 48	114 1.59 44	120 0.31 46
TT 210031 92304351	6	GH TT	140006 170005		98 75	102 71	90 62	104 70	106 34	101 56	97 70	98 32	99 51	85 44	91 11 59	92 1.65 77	108 -1.1 71	95 10 70	102 7.3 71	90 -1.3 62	94 22 68	92 5.7 71	102 91 46	79 -25 22	92 -10 13	85 -0.5 50	102 13.6 49	92 -1.9 46	109 -4.2 22	111 25.4 55	101 15 47	93 18 42	90 -0.46 41	86 -1.53 46	60 -4.91 41	89 -0.12 44
TT 210070 92781525	7	GH TT	140006 160044		77 74	104 71	85 61	90 70	110 30	95 55	83 69	102 27	94 49	86 44	108 27 60	80 2.69 76	89 1.0 70	112 29 70	104 7.9 71	85 -2.6 61	85 0 67	102 11.3 66	98 83 43	116 66 28	95 -13 8	77 -0.8 50	100 13.0 49	102 -6.9 37	111 -4.5 23	108 23.5 53	103 16 47	88 15 43	92 -0.36 41	97 -0.76 46	72 -3.51 42	91 -0.09 44
TT 210072 92802743	7	TT TT	140032 180004		92 72	106 59	100 58	93 69	99 29	100 50	102 62	101 35	99 47	101 44	107 26 59	90 1.84 75	103 -0.6 68	107 23 69	106 9.0 59	100 2.0 58	102 41 62	102 10.9 54	104 95 47	94 11 26	109 -25 19	86 -0.5 50	131 27.2 48	95 -3.6 36	100 -2.5 22	85 9.5 54	97 13 47	101 23 44	106 0.72 43	107 -0.05 46	111 1.20 43	107 0.13 44

Breeding Values and Accuracies: Cows & Heifers

Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass				
ID Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling	Dress %
ADM 220002 93341527	4	GH 140001 ADM 190052			91 73	105 70	80 63	101 56	80 32	78 54	90 67	113 28	81 49	85 49	100 20	94 1.51	89 1.0	99 14	105 8.5	80 -4.3	85 1	106 13.4	124 135	112 56	131 -44	89 -0.3	128 26.1	88 -0.1	79 1.0	108 23.3	117 24	107 27	86 -0.80	76 -2.23	82 -2.32	83 -0.19
ADM 220024 94061025	7	TT 150053 E 130009			99 74	108 72	114 64	86 70	116 36	120 57	112 71	91 30	115 52	98 43	114 33	97 1.21	108 -1.1	114 31	108 9.7	114 6.2	113 66	108 14.3	92 71	106 41	96 -13	107 0.4	102 13.6	107 -9.4	116 -5.5	102 19.8	93 10	96 20	104 0.55	106 -0.07	100 -0.12	104 0.10
ADM 220036 94549896	7	TT 150053 ADM 150020			83 74	98 72	120 64	102 71	104 36	106 57	103 71	91 30	102 52	98 45	94 14	88 1.98	78 2.3	95 11	98 5.4	120 8.3	121 85	95 7.5	98 83	116 64	111 -27	106 0.3	112 18.5	103 -7.2	103 -3.2	107 22.7	103 16	100 22	99 0.19	139 2.31	111 1.26	103 0.08
ADM 220039 94549920	7	TT 150053 ADM 160028			96 73	99 70	112 57	102 56	124 36	120 54	105 66	102 31	118 49	104 46	94 13	95 1.38	96 0.3	95 11	99 5.9	112 5.8	114 68	98 9.2	106 100	122 80	111 -27	86 -0.5	119 21.8	111 -11.6	125 -6.9	103 20.1	103 16	100 23	101 0.32	125 1.27	108 0.82	103 0.08
TT 220080 94225398	6	GH 140006 TT 180063			103 73	102 69	92 53	90 54	110 31	103 51	95 65	93 28	100 46	91 44	108 27	98 1.12	121 -2.6	111 28	102 7.4	92 -0.6	90 13	95 7.7	94 75	59 -76	80 0	96 0.0	104 14.5	102 -6.8	111 -4.5	99 18.0	97 12	93 18	96 -0.03	85 -1.64	67 -4.09	94 -0.04
ADM 230016 95080271	7	TT 150053 ADM 170005			103 72	114 71	102 63	85 55	109 34	116 54	114 68	93 32	111 50	104 46	114 33	101 0.92	112 -1.6	116 33	114 12.2	102 2.4	106 49	111 15.7	107 100	119 72	116 -31	115 0.7	129 26.5	112 -11.9	106 -3.7	100 18.7	106 18	111 29	105 0.59	118 0.75	99 -0.28	106 0.12
ADM 230021 95076519	5	GH 190009 ADM 200048			101 69	99 68	106 46	109 43	70 30	83 48	105 61	85 30	80 44	89 44	92 12	98 1.14	100 -0.2	89 4	99 6.1	106 3.7	110 60	87 3.2	92 72	92 6	91 -10	106 0.3	107 16.0	78 5.2	71 2.5	93 14.4	93 10	93 18	93 -0.28	91 -1.20	86 -1.76	92 -0.08
ADM 230023 95076535	5	GH 190009 ADM 200042			98 69	90 69	92 48	122 45	98 30	91 49	88 62	84 28	86 45	78 46	81 2	100 1.01	86 1.5	82 -4	90 2.1	92 -0.7	91 15	84 1.6	80 48	93 9	86 -5	96 -0.1	96 11.0	96 -3.8	98 -2.4	101 19.1	85 6	75 7	71 -1.85	106 -0.09	72 -3.47	72 -0.35
ADM 230030 95598850	2	ADM 210010 ADM 140003			108 68	107 64	78 50	108 46	89 22	92 45	100 60	102 30	91 42	103 42	92 12	106 0.47	127 -3.2	92 7	107 9.4	78 -5.0	88 7	101 10.6	112 111	99 24	105 -22	114 0.7	97 11.4	95 -3.4	89 -0.7	108 23.8	111 20	106 26	100 0.27	137 2.13	116 1.87	104 0.09
ADM 230032 95598710	5	ADM 210010 ADM 160039			110 69	87 66	86 49	123 48	110 32	97 49	86 61	100 25	96 44	93 40	82 2	104 0.62	111 -1.4	82 -4	87 1.0	86 -2.5	83 -5	83 1.4	100 87	105 40	94 -12	85 -0.5	98 11.9	105 -8.4	110 -4.4	110 24.8	104 17	92 17	97 0.02	117 0.67	101 -0.02	98 0.01
ADM 230036 95598751	7	GH 140006 TT 180010			106 71	106 69	98 54	88 54	97 35	100 53	104 65	111 29	101 48	96 46	113 32	100 0.98	119 -2.3	113 30	106 8.8	98 1.4	97 30	103 11.8	107 100	112 56	104 -21	102 0.2	115 19.7	75 6.8	105 -3.5	109 24.1	105 17	98 21	92 -0.36	89 -1.30	74 -3.31	91 -0.09
ADM 230037 95598769	4	ADM 210010 E 130009			103 70	102 67	91 51	89 48	96 30	92 49	94 62	102 24	92 44	99 38	113 32	97 1.21	118 -2.2	112 29	102 7.3	91 -0.9	88 9	103 11.8	100 87	98 21	91 -10	96 -0.1	86 6.3	96 -3.7	96 -1.9	110 24.9	107 18	98 21	107 0.77	97 -0.76	103 0.21	106 0.13

Breeding Values and Accuracies: Cows & Heifers

Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass					
ID	% Inbreeding	Genomic Parentage	Index EBV Acc	Sire ID	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling	Dress %	
Animal no				Dam ID																																	
ADM 230041	7			ADM 210010	108	89	95	113	85	82	89	103	82	99	88	106	101	86	89	95	91	82	104	102	104	95	96	90	85	111	114	100	102	127	114	104	
95690368				ADM 150020	69	66	50	49	32	49	62	26	44	40	8	0.45	-0.2	1	1.7	0.3	16	0.7	96	32	-21	-0.1	10.9	-0.8	0.1	25.1	22	22	0.38	1.46	1.61	0.10	
															41	73	59	49	66	50	55	58	39	21	8	48	46	45	20	48	44	38	37	42	37	40	
ADM 230053	5			GH 140006	102	90	98	105	97	90	88	103	90	85	96	101	99	94	90	98	93	86	102	109	104	92	95	103	95	115	103	92	84	92	74	83	
96691787				ADM 150021	72	70	57	55	31	52	66	26	47	41	16	0.85	0.0	9	2.4	1.5	21	3.0	90	47	-20	-0.2	10.3	-7.3	-1.8	27.7	16	17	-0.93	-1.07	-3.30	-0.20	
															44	75	63	55	70	57	61	62	41	25	7	48	47	40	22	53	45	41	39	43	40	41	
ADM 230056	12			GH 140006	97	102	79	109	108	98	91	105	98	84	91	92	102	91	102	79	84	97	105	111	105	83	116	96	111	108	109	95	89	78	60	86	
96691803				ADM 210043	68	68	53	49	29	49	63	26	44	45	10	1.61	-0.4	6	7.3	-4.8	-1	8.5	96	54	-22	-0.6	20.5	-3.9	-4.5	23.9	20	19	-0.57	-2.11	-4.95	-0.15	
															43	72	57	49	68	53	57	62	44	29	6	51	50	38	20	49	48	44	43	47	43	45	
ADM 230065	6			GH 140006	80	115	110	78	100	107	113	115	109	112	126	78	103	125	115	110	110	121	117	112	111	87	113	98	101	106	114	115	111	101	77	111	
96692082				TT 180051	70	70	54	54	29	51	65	32	47	45	44	2.81	-0.5	43	12.8	5.1	59	20.9	120	54	-27	-0.4	19.0	-5.0	-2.7	22.2	22	32	1.08	-0.46	-2.89	0.19	
															41	74	60	54	70	54	59	62	44	26	17	50	49	36	22	50	48	44	43	47	43	45	
ADM 230066	5			GH 190009	92	106	89	119	82	89	104	90	87	89	84	90	91	83	106	89	102	96	93	93	91	120	100	93	80	99	87	86	82	112	99	83	
96691837				ADM 210041	68	68	45	39	24	46	60	28	42	46	4	1.82	0.9	-2	8.8	-1.4	42	8.0	73	8	-10	0.9	13.0	-2.5	0.9	18.0	7	14	-1.08	0.37	-0.22	-0.19	
															27	73	54	39	68	45	51	60	45	25	8	51	50	34	14	47	48	44	44	47	44	46	
DKH 230059	8			AVR 110050	101	107	95	99	100	103	105	96	100	98	97	99	104	100	107	95	101	105	93	105	99	122	95	108	96	105	97	97	91	112	90	92	
95950580				DKH 190147	71	72	60	60	36	55	68	31	50	52	17	1.05	-0.6	16	9.5	0.2	37	12.9	74	38	-17	1.0	10.5	-9.9	-2.0	21.8	12	21	-0.42	0.37	-1.36	-0.07	
															49	75	64	60	72	60	64	72	52	27	8	56	55	46	27	57	55	52	51	53	51	52	
ADM 240001	5			GH 140006	101	98	86	110	89	87	92	102	87	91	88	97	103	90	98	86	89	94	95	106	93	81	97	86	91	111	95	87	100	89	73	98	
96692140				ADM 210015	67	58	47	51	28	45	56	26	41	42	8	1.19	-0.5	5	5.6	-2.4	11	7.1	77	41	-12	-0.7	11.6	1.2	-1.1	25.5	11	14	0.24	-1.33	-3.35	0.02	
															41	72	57	51	58	47	52	56	42	26	7	47	47	37	20	51	45	41	40	43	40	42	
ADM 240003	6			ADM 200041	94	85	101	119	102	92	86	77	87	76	83	93	89	83	85	101	97	79	71	92		90	78	111	99	116	90	79	84	85	101	82	
96691910				ADM 190035	66	65	46	44	22	45	59	20	40	34	3	1.53	1.1	-3	0.3	2.2	28	-1.1	29	5	-0.3	2.7	-11.2	-2.4	28.7	8	9	-0.94	-1.61	0.03	-0.21		
															39	71	53	44	65	46	52	64	32	13	41	39	28	16	42	37	32	31	36	31	34		
ADM 240005	8			ADM 200041	99	99	112	104	98	104	107	103	103	98	94	97	99	94	99	112	114	91	101	95		99	100	102	97	114	117	103	93	100	95	93	
97057392				ADM 190028	66	66	47	44	22	45	60	22	40	36	14	1.22	-0.1	9	6.2	5.6	70	5.4	89	13		0.1	12.9	-6.6	-2.1	27.5	24	25	-0.29	-0.55	-0.74	-0.06	
															39	71	53	44	66	47	52	66	35	14	45	43	29	16	43	41	35	34	39	34	36		
ADM 240007	2			GH 190009	102	93	107	109	98	98	99	98	96	98	90	98	106	89	93	107	107	85	101	90		108	108	103	97	100	99	98	81	82	100	80	
97041131				ADM 200055	64	64	43	40	20	43	57	24	39	40	9	1.16	-0.8	4	3.4	4.3	52	2.4	90	0	0.4	16.4	-7.6	-2.1	18.4	14	21	-1.15	-1.83	-0.15	-0.24		
															32	70	51	40	64	43	49	64	40	24	45	44	26	13	44	43	39	39	42	39	40		
ADM 240010	3			GH 140006	79	103	113	84	110	106	98	114	107	104	115	80	93	116	103	113	107	104	116	94	108	90	105	104	111	110	114	108	95	74	80	93	
97041164				ADM 200057	66	64	49	50	24	46	60	24	42	39	34	2.63	0.6	33	7.6	5.9	53	12.4	120	11	-25	-0.3	15.1	-7.9	-4.6	24.6	22	28	-0.08	-2.40	-2.48	-0.06	
															40	70	56	50	64	49	54	64	38	21	6	44	44	31	16	48	42	38	37	41	37	39	
ADM 240014	7			GH 190009	100	98	96	115	96	98	100	88	94	87	85	97	98	85	98	96	102	85	91	97	95	107	110	100	95	98	92	90	88	87	81	87	
97041214				ADM 200052	67	68	47	44	25	47	61	29	43	44	5	1.25	0.0	-1	5.7	0.8	41	2.4	69	18	-13	0.4	17.6	-6.0	-1.8	17.0	9	16	-0.60	-1.50	-2.37	-0.14	
															38	72	54	44	68	47	53	68	43	25	12	49	48	33	17	48	47	43	42	45	42	44	

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 Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling	Dress %
			Sire ID Dam ID																																
ADM 240021 97413918	6	ST 200056 TT 180022		89 66	118 67	99 48	92 46	84 25	99 47	116 61	110 25	100 43	122 37	110 29	87 2.04 71	100 -0.2 54	107 24	118 14.1 67	99 1.7 48	111 61 54	112 16.6 66	122 131 35	84 -14 16	103 -20 11	110 0.5 43	127 25.6 43	94 -3.0 32	82 0.5 18	106 22.0 46	118 24 39	118 34 35	122 1.88 35	95 -0.86 39	87 -1.66 35	122 0.34 37
ADM 240024 97413777	4	ADM 210028 ADM 160016		117 67	102 67	96 50	96 45	101 24	103 47	103 61	122 24	106 42	115 38	104 23	116 -0.34 72	113 -1.7 54	103 19	102 7.1 67	96 0.7 50	96 27 54	104 12.1 66	124 135 38	104 36 23	123 -37 5	78 -0.8 46	121 22.8 45	105 -8.6 30	100 -2.6 17	108 23.4 46	140 37 42	124 38 36	106 0.73 36	77 -2.17 41	116 1.79 36	104 0.10 38
ADM 240026 97413785	7	GH 150004 ADM 210022		106 69	102 69	79 54	116 52	82 32	84 51	96 64	102 28	84 46	96 45	86 6	100 0.98 73	111 -1.4 59	85 0	102 7.0 69	79 -4.6 54	87 5 58	97 8.6 70	107 102 44	129 98 19	101 -18 9	111 0.5 49	114 19.3 50	100 -5.8 43	78 1.1 20	100 18.6 54	93 10 47	94 19 43	100 0.24 43	121 0.97 47	114 1.51 43	102 0.06 45
ADM 240027 97471106	4	GH 190057 XY 110028		98 71	95 71	105 57	112 52	112 30	109 52	100 66	101 31	107 48	106 42	86 6	95 1.36 75	98 0.1 60	87 2	95 4.4 71	105 3.4 57	107 53 60	87 3.2 70	98 83 43	76 -34 36	87 -6 16	84 -0.5 51	86 6.2 49	107 -9.2 38	112 -4.8 22	99 17.9 53	97 12 47	92 17 43	100 0.23 40	144 2.66 44	104 0.35 40	104 0.09 42
ADM 240033 97927735	5	AM 190067 HBH 170163		76 69	106 70	102 51	96 48	112 29	107 50	98 63	104 25	106 45	107 39	108 27	79 2.76 74	83 1.8 56	103 19	106 8.9 70	102 2.4 51	105 48 56	104 12.3 69	106 99 39	85 -10 22	91 -9 7	105 0.3 48	83 5.1 46	102 -6.8 36	114 -5.1 22	99 18.3 50	103 16 45	107 27 40	136 2.89 37	98 -0.64 41	101 0.02 37	135 0.52 39
ADM 240036 97897839	7	GH 150004 ADM 210043		119 69	94 69	64 55	134 53	89 34	82 52	87 64	104 27	83 47	89 46	76 -3	113 -0.12 73	113 -1.6 60	74 -12	94 3.8 69	64 -9.5 55	67 -42 59	89 4.3 70	105 98 45	123 82 25	105 -22 6	100 0.1 51	109 17.1 50	100 -5.9 46	86 -0.2 21	102 19.7 54	101 15 49	91 16 45	88 -0.59 44	112 0.36 47	106 0.62 44	90 -0.10 46
ADM 240043 97927644	5	GH 190057 HBH 150087		79 69	98 70	106 54	108 51	91 32	91 51	96 65	109 26	92 46	100 40	89 9	81 2.60 74	78 2.3 59	90 5	98 5.5 70	106 3.9 54	109 58 58	96 7.8 70	101 90 41	121 77 36	100 -18 8	89 -0.3 47	97 11.6 46	94 -2.8 40	91 -1.0 23	99 18.2 52	96 12 45	92 17 41	114 1.29 38	110 0.23 43	101 -0.02 39	115 0.24 40
ADM 240044 97897888	5	CHK 170032 HBH 180100		133 67	80 71	107 54	124 52	104 30	103 51	98 65			80 32	83 3	130 -1.58 73	115 -1.9 56	80 -6	80 -2.0 71	107 4.2 54	100 36 59	81 0.1 56	83 53 32	99 22 17		99 0.1 39	119 21.8 37	102 -7.1 38	103 -3.2 22	109 24.0 51	88 8 36	88 15 33	75 -1.55 30	86 -1.52 34	98 -0.40 30	74 -0.32 32
ADM 240047 97927651	5	GH 190057 E 130009		82 70	114 71	124 55	86 51	104 27	118 51	122 65	112 24	118 46	111 36	113 33	63 4.04 75	95 0.3 59	114 31	114 12.3 51	124 9.4 55	127 99 59	113 16.9 70	103 94 37	100 26 27	91 -10 6	96 0.0 46	87 7.0 44	91 -1.6 35	107 -3.9 19	105 21.5 50	99 14 43	101 23 37	121 1.80 34	83 -1.79 37	97 -0.43 35	119 0.30 36
ADM 240049 97927743	5	G 170072 TT 200021		97 70	131 71	82 55	88 54	92 30	108 52	121 66	108 29	107 47	117 44	112 32	96 1.32 74	106 -0.8 60	115 32	131 19.1 54	82 -3.6 55	101 38 60	125 23.2 72	112 110 47	116 65 41	108 -24 8	93 -0.2 52	123 23.5 52	89 -0.4 41	94 -1.6 19	107 23.1 52	120 26 51	116 33 48	101 0.29 42	85 -1.62 46	114 1.51 43	100 0.03 44
ADM 240052 97897920	5	TT 210035 GH 180036		82 68	99 70	101 50	100 46	111 25	102 48	92 63	106 23	102 43	96 35	97 17	86 2.18 74	83 1.8 55	99 15	99 6.0 70	101 2.2 50	101 38 55	103 11.7 70	97 81 33	118 71 31	98 -16 9	95 -0.1 43	93 9.6 40	97 -4.1 32	114 -5.0 18	119 30.2 46	100 14 39	91 17 35	93 -0.25 33	87 -1.49 37	79 -2.66 33	92 -0.08 35
ADM 240053 97897938	5	TTS 210004 ST 200081		78 66	144 67	99 46	78 47	105 26	129 47	141 60			130 18	132 50	65 3.89 71	92 0.8 54	127 45	144 24.6 67	99 1.6 46	120 83 53	138 30.0 58	119 124 21	78 -27 14	97 -15 5	88 -0.4 26	114 19.3 25	98 -4.9 34	106 -3.7 18	110 24.7 44	123 27 24	127 40 21	123 1.92 17	95 -0.88 19	101 0.04 17	122 0.34 18

Breeding Values and Accuracies: Cows & Heifers

Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass				
ID Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling	Dress %
ADM 240056 97897961	9	GH	190009 TT	190009 200023	92 68	102 70	88 47	100 45	75 26	77 48	91 62	101 28	77 44	95 46	97 17	94 1.50	91 0.9	100 16	102 7.4	88 -1.8	91 14	98 9.3	102 91	112 56	115 -30	101 0.2	122 22.8	77 5.7	78 1.2	93 14.4	104 16	97 21	90 -0.49	96 -0.79	93 -0.93	90 -0.10
ADM 240057 97927693	12	GH	190057 ADM	190057 160044	89 69	94 69	111 54	120 50	112 30	111 50	103 64	98 26	108 45	93 40	83 4	86 2.18	93 0.7	82 -3	94 4.1	111 5.3	116 73	90 4.7	96 78	115 63	94 -12	85 -0.5	104 14.8	102 -6.6	114 -5.0	103 20.4	93 10	91 17	100 0.26	99 -0.62	86 -1.80	100 0.03
ADM 240062 97897987	5	HBH	210009 ST	210009 200031	89 66	121 68	109 47	83 48	101 30	116 49	122 61	107 24	114 44	120 36	119 38	90 1.83	100 -0.2	118 35	121 15.2	109 4.8	117 75	124 22.9	113 114	94 10	103 -20	79 -0.7	113 18.7	97 -4.2	101 -2.8	111 25.4	114 22	120 35	121 1.78	94 -0.93	114 1.63	120 0.31
ADM 240063 97897995	4	GH	210009 GH	210009 180057	93 68	98 70	88 51	102 49	116 28	102 49	86 63			88 22	96 15	97 1.19	86 1.5	97 13	98 5.5	88 -1.8	88 8	103 11.5	95 77	112 55		104 0.3	87 6.8	106 -8.9	117 -5.6	118 29.9	100 14	92 18	89 -0.56	102 -0.41	102 0.14	89 -0.11
ADM 240065 97994271	6	GH	190009 TT	190009 200029	99 68	100 70	96 48	101 45	100 26	97 48	96 63	79 28	92 44	85 46	96 15	99 1.04	96 0.2	97 13	100 6.3	96 0.6	97 29	94 6.8	80 47	102 32	92 -10	110 0.5	104 14.7	105 -8.2	98 -2.3	93 14.2	85 6	83 12	82 -1.03	110 0.19	87 -1.68	83 -0.19
ADM 240067 98000664	8	GH	190057 TT	190057 180051	81 69	125 70	128 52	75 50	99 28	122 50	136 64	124 30	124 46	136 39	128 47	63 4.12	97 0.2	127 45	125 16.7	128 10.7	131 109	126 24.0	124 135	95 13	111 -27	92 -0.2	112 18.2	98 -4.7	99 -2.5	99 18.0	112 21	123 37	134 2.76	120 0.93	111 1.27	136 0.53
ADM 240068 98000672	6	GH	190057 ADM	190057 220036	79 67	106 68	123 49	96 49	105 28	114 48	114 62	113 24	114 43	113 38	100 20	79 2.74	90 1.0	101 17	106 9.1	123 9.3	128 101	105 12.7	111 110	126 90	111 -27	98 0.0	107 16.2	100 -6.0	106 -3.6	103 20.6	103 16	106 26	118 1.56	125 1.27	108 0.87	120 0.31
ADM 240069 98000649	4	GH	190057 ADM	190057 220048	89 66	97 68	115 47	104 41	94 26	99 47	103 60	106 23	99 42	103 38	94 14	88 1.98	92 0.7	93 8	97 5.3	115 6.7	116 75	92 6.1	102 90	90 1	97 -15	99 0.1	97 11.4	97 -4.4	93 -1.5	100 18.6	93 10	92 18	103 0.45	105 -0.14	99 -0.24	103 0.08
ADM 240071 97994289	6	G	170072 TT	170072 210006	114 67	105 69	87 52	111 54	86 29	94 50	106 64	95 28	92 46	105 43	89 9	113 -0.08	105 -0.8	89 4	105 8.7	87 -2.3	96 28	99 9.6	97 80	102 30	84 -4	104 0.3	106 15.8	97 -4.2	84 0.1	100 18.7	96 12	94 19	93 -0.24	101 -0.48	117 1.92	94 -0.05
ADM 240074 98045776	4	GH	190057 ADM	190057 140003	98 68	112 69	109 54	102 49	103 25	116 49	122 64	112 30	116 45	116 42	95 15	92 1.60	111 -1.4	96 11	112 11.6	109 4.9	122 87	108 14.1	116 118	106 40	106 -23	115 0.7	99 12.2	99 -5.5	103 -3.2	103 20.3	103 16	109 28	115 1.38	122 1.10	111 1.23	118 0.28
ADM 240077 98872211	3	GH	190057 GA	190057 220255	98 67	91 70	110 48	120 42	92 24	95 47	101 62	114 22	97 42	108 32	82 2	96 1.32	94 0.5	82 -3	91 2.6	110 5.2	112 64	91 5.6	106 99	112 54	109 -25	92 -0.2	99 12.4	101 -6.4	89 -0.8	96 15.9	99 14	96 20	112 1.12	105 -0.13	101 -0.04	112 0.21
ADM 250004 98558356	4	GH	190057 ADM	190057 200055	109 65	85 64	121 46	107 46	109 22	107 45	99 59	117 21	109 40	109 33	89 8	103 0.72	112 -1.5	90 5	85 0.0	121 8.5	113 68	84 1.6	115 117	105 39	113 -28	94 -0.1	98 12.0	108 -10.1	110 -4.3	106 22.1	102 15	103 24	103 0.51	94 -0.96	114 1.59	103 0.08

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 Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Sire ID	Dam ID	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling	Dress %
ADM 250005	8	GH	190057	ADM 190028	97	102	127	99	103	115	117	123	117	117	98	96	100	98	102	127	129	97	122	102	105	96	108	101	103	107	111	111	115	118	105	117	
98558364					68	69	51	49	27	49	63	24	44	38	18	1.34	-0.2	14	7.3	10.3	104	56	37	27	6	45	16.5	-6.3	-3.1	23.0	21	30	1.39	0.77	0.48	0.27	
ADM 250006	8	GH	190057	ADM 190041	81	111	115	92	114	120	114	119	121	117	108	80	96	106	111	115	120	110	120	110	106	87	106	104	115	110	112	112	123	99	107	122	
98558372					68	69	51	49	28	49	63	23	44	36	27	2.66	0.3	23	11.1	6.7	84	56	36	27	6	44	15.7	-8.1	-5.3	24.5	21	30	1.92	-0.57	0.75	0.35	
ADM 250012	9	GH	190057	ADM 200052	93	104	108	100	108	111	108	111	111	107	96	89	104	97	104	108	113	97	110	104	101	94	104	102	108	104	100	103	118	98	96	117	
98558414					68	69	51	49	28	49	63	26	44	37	16	1.90	-0.6	13	8.3	4.4	66	56	37	27	13	44	8.4	107	37	-19	-0.1	14.7	-7.1	-4.0	20.8	14	24
ADM 250017	7	GH	190057	ADM 200042	102	89	103	112	112	104	92	106	103	96	86	100	98	87	89	103	100	87	99	106	93	83	89	103	113	106	93	87	99	118	87	101	
98872286					68	69	51	50	28	49	63	26	44	39	6	0.93	0.1	2	1.9	2.9	37	50	69	51	57	3.5	85	40	-11	-0.6	7.9	-7.6	-4.8	22.2	10	14	0.21
ADM 250018	3	GH	190057	ADM 170027	94	96	121	98	106	109	106	126	112	112	99	92	101	99	96	121	118	95	120	105	114	104	101	106	107	100	108	106	102	86	105	100	
98872450					66	66	49	48	24	46	61	24	42	38	19	1.65	-0.3	15	5.0	8.5	79	48	66	49	54	7.4	127	39	-30	0.3	13.1	-8.6	-3.8	18.7	19	27	0.37
ADM 250021	7	GH	220096	ADM 150020	100	107	108	93	104	111	110	99	108	107	107	100	103	106	107	108	111	102	101	96	101	98	107	109	101	111	107	105	110	108	114	111	
99196198					67	52	49	48	28	44	53	20	39	30	27	0.98	-0.6	22	9.3	4.6	61	48	52	49	50	11.3	88	15	-18	0.0	16.0	-10.1	-2.9	25.2	18	26	0.99
ADM 250024	5	TT	210047	ADM 150021	108	107	98	90	91	98	105	103	97	112	113	109	107	110	107	98	99	105	113	109	113	123	113	98	90	111	109	114	115	123	129	117	
99196222					68	56	50	47	26	44	56	29	41	38	32	0.23	-1.0	26	9.1	1.4	35	47	56	50	51	12.9	114	49	-29	1.0	18.7	-4.6	-0.9	25.6	20	31	1.38
ADM 250026	6	GH	190057	TT 180010	87	114	118	87	100	114	120	121	115	115	112	82	109	112	114	118	122	112	115	116	110	108	114	82	105	98	102	105	110	109	108	111	
99196248					68	60	51	50	30	47	58	27	43	41	31	2.51	-1.2	29	12.3	7.6	88	50	60	51	54	16.3	116	64	-26	0.4	19.2	3.3	-3.6	17.4	16	26	1.02
ADM 250029	7	GH	220096	ADM 160048	89	112	112	89	115	120	115	106	118	118	110	86	104	110	112	112	116	113	111	98	98	98	121	114	112	105	110	110	108	108	97	109	
99196271					67	49	47	46	26	42	51	22	38	34	29	2.13	-0.7	27	11.3	5.7	74	46	49	47	47	16.8	109	22	-15	0.0	22.8	-12.8	-4.8	21.8	20	29	0.83
ADM 250031	6	GH	190057	ADM 210022	93	104	112	100	101	108	111	109	108	107	96	89	103	97	104	112	117	99	110	114	103	99	117	98	101	97	95	101	117	106	101	117	
99649899					67	59	48	42	26	44	56	26	40	39	16	1.92	-0.6	13	8.2	5.7	75	42	59	48	50	9.8	107	62	-20	0.1	20.9	-4.8	-2.8	16.5	11	23	1.52
ADM 250032		GH	190057	ADM 130032	94	92	110	117	107	105	100	109	105	103	83	92	92	83	92	110	112	94	105	112	105	85	93	111	105	91	89	90	102	93	95	101	
99649907					68	55	52	48	22	43	55	22	39	36	3	1.65	0.7	-2	3.2	5.1	65	48	55	52	52	7.2	97	56	-22	-0.5	9.8	-11.6	-3.5	12.9	8	16	0.41
ADM 250037	5	GH	190057	GH 190065	100	102	101	104	87	93	104	107	94	107	93	96	104	94	102	101	105	96	106	96	92	106	101	92	87	100	97	99	114	112	104	115	
99649949					69	60	51	50	30	47	58	24	42	37	13	1.29	-0.6	9	7.1	2.1	48	50	60	51	54	8.2	99	17	-11	0.3	13.2	-1.6	-0.3	18.6	13	22	1.27

Breeding Values and Accuracies: Cows & Heifers

Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass				
ID Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling	Dress %
ADM 250038 99649956	6	TT 210047 ADM 210048			117 65	113 54	80 41	90 40	101 24	103 41	105 52	116 30	105 39	123 41	111 30	114 -0.22	117 -2.1	112 29	113 11.8	80 -4.3	87 4	109 14.9	126 139	109 48	119 -34	118 0.8	137 29.8	89 -0.5	105 -3.4	106 22.6	123 27	126 39	132 2.61	113 0.41	118 2.09	133 0.49
ADM 250039 99649964	6	ADM 230042 ADM 220039			92 63	107 49	105 37	104 34	108 22	112 37	109 47	105 24	111 34	109 38	93 13	91 1.69	93 0.6	94 10	107 9.2	105 3.4	113 67	103 11.6	106 98	109 47	105 -21	93 -0.2	115 19.7	108 -10.0	106 -3.7	104 20.9	100 14	97 21	89 -0.53	129 1.54	106 0.58	93 -0.06
ADM 250040 99653420	6	ADM 230042 TT 200023			94 65	110 50	84 42	93 41	79 24	82 40	96 50	114 24	85 37	113 39	105 24	96 1.35	96 0.3	108 24	110 10.5	84 -3.0	90 12	107 13.6	115 116	99 24	116 -31	94 -0.1	121 22.6	81 3.4	81 0.7	102 19.8	113 21	105 26	94 -0.15	119 0.84	108 0.81	97 -0.01
ADM 250043 99653453	5	ADM 230042 TT 220080			108 64	103 48	94 35	97 33	101 20	101 36	101 46	101 22	100 33	102 38	100 20	104 0.62	113 -1.7	102 18	103 7.7	94 -0.1	96 25	96 7.9	99 86	77 -31	89 -8	99 0.0	107 16.0	104 -7.6	99 -2.5	102 19.9	97 13	93 18	87 -0.71	108 0.08	86 -1.87	88 -0.13
ADM 250046 99652554	5	GH 190057 ADM 200026			95 68	104 59	105 48	104 49	91 29	99 46	107 57	117 24	101 42	114 39	95 15	92 1.62	99 -0.1	94 10	104 7.9	105 3.4	111 61	97 8.6	114 114	102 32	100 -17	89 -0.3	95 10.3	97 -4.5	90 -0.9	101 19.2	103 16	102 24	119 1.64	116 0.65	111 1.22	120 0.32
ADM 250049 99744393	5	GH 190057 ADM 220024			95 67	107 59	119 48	90 49	111 27	119 45	115 57	109 24	118 41	112 38	107 27	92 1.68	106 -0.9	108 25	107 9.2	119 8.0	120 83	105 12.6	105 97	109 48	99 -16	98 0.0	100 12.8	103 -7.4	112 -4.7	98 17.4	95 11	100 22	119 1.65	108 0.08	102 0.18	120 0.31
ADM 250050 99744401	8	GH 190057 TT 210070			80 68	112 58	106 47	92 48	108 26	112 45	110 56	115 24	113 41	106 38	104 24	67 3.76	89 1.1	107 23	112 11.5	106 3.9	113 66	110 15.3	108 103	114 60	98 -16	83 -0.6	99 12.4	101 -6.2	110 -4.3	101 19.3	100 14	96 20	113 1.19	104 -0.26	88 -1.52	113 0.21
ADM 250051 99744419	4	ADM 230033 ST 200081			91 65	112 50	106 45	94 46	100 24	109 41	113 51			103 31	107 27	92 1.65	95 0.4	105 21	112 11.3	106 3.9	113 67	109 14.9	105 97	93 10		94 -0.1	98 12.0	96 -3.8	101 -2.8	117 28.9	116 23	107 27	103 0.45	89 -1.30	87 -1.72	102 0.06
ADM 250053 99744435	16	ADM 230033 TT 210031			109 65	96 49	98 41	104 44	105 22	102 39	99 49	98 24	100 36	88 36	93 12	104 0.63	113 -1.7	94 10	96 4.9	98 1.3	98 31	88 3.8	99 85	88 -3	93 -12	88 -0.4	98 11.7	98 -4.7	106 -3.7	116 28.7	107 18	96 20	90 -0.50	85 -1.61	68 -4.00	88 -0.13
ADM 250054 99744443	5	TT 210047 GH 180036			96 67	112 55	83 48	93 46	106 25	102 43	99 54	100 28	101 40	113 37	107 27	98 1.17	97 0.2	108 24	112 11.2	83 -3.4	90 12	112 16.6	107 101	104 36	102 -19	120 0.9	113 18.9	89 -0.4	110 -4.4	110 24.9	107 18	111 29	125 2.06	114 0.49	120 2.28	126 0.39
ADM 250055 99744450	5	GH 220096 HBH 150087			83 68	110 52	90 48	101 47	95 28	96 43	99 53	92 22	93 39	98 34	97 17	85 2.23	85 1.6	98 14	110 10.5	90 -1.2	99 34	106 13.5	92 70	92 6	91 -10	91 -0.2	105 15.3	105 -8.6	92 -1.3	104 21.1	95 12	92 18	109 0.94	105 -0.18	106 0.62	109 0.17
ADM 250059 99744492	6	TT 210047 ADM 200011			108 65	109 50	95 44	93 45	101 18	105 39	106 51	99 32	103 38	118 42	107 26	108 0.28	107 -1.0	107 24	109 9.9	95 0.3	99 33	109 14.8	107 102	103 33	106 -22	125 1.1	110 17.4	99 -5.2	101 -2.8	109 24.1	106 17	110 29	126 2.15	127 1.45	125 2.86	128 0.42

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 Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thicken	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling	Dress %
ADM 250060	99987190	8	GH 190057 TT 180051		81	114	128	81	99	115	123	124	117	130	120	78	102	119	114	128	128	117	123	116	116	92	111	100	99	96	110	120	129	120	111	131
					69	59	52	50	28	47	58	30	44	39	39	2.83	-0.4	37	12.2	10.8	101	19.1	132	66	-31	-0.2	17.9	-5.7	-2.5	16.1	20	35	2.39	0.95	1.24	0.46
															37	74	57	50	59	52	54	57	39	31	17	45	44	35	21	47	43	39	37	41	38	39
ADM 260002	6020127434	6	TT 210047 ADM 190052		115	108	93	88	97	101	105	100	99	113	115	114	113	113	108	93	94	107	114	106	108	121	116	97	96	114	106	115	123	115	124	124
					66	54	46	45	22	41	53	28	38	37	34	-0.22	-1.7	37	9.6	-0.2	22	13.9	116	40	-24	0.9	20.2	-4.4	-1.9	27.5	18	32	1.91	0.55	2.72	0.36
															37	72	54	45	54	46	48	52	36	26	16	44	43	29	16	40	41	37	35	39	35	37
ADM 260007	6020134695	2	TT 210047 ADM 200055		127	96	101	95	105	105	102	108	105	120	103	121	126	104	96	101	96	95	120	102	117	119	118	102	106	111	112	120	118	105	135	119
					63	47	40	41	17	36	47	27	34	36	23	-0.82	-3.1	20	4.6	2.3	27	7.3	127	31	-32	0.9	21.3	-6.8	-3.6	25.4	21	35	1.59	-0.17	4.14	0.29
															32	69	50	41	47	40	43	44	35	25	16	42	41	22	12	36	39	35	34	38	34	36
ADM 260009	6020134703	3	TT 210047 ADM 170027		115	104	101	91	102	107	107	116	108	120	109	113	115	108	104	101	101	103	123	103	118	129	119	100	103	106	116	121	114	97	126	114
					66	50	44	44	20	39	50	30	37	40	28	-0.09	-1.9	25	8.3	2.4	39	11.7	133	33	-33	1.3	21.8	-5.8	-3.1	22.0	23	36	1.32	-0.77	2.99	0.23
															33	71	53	44	50	44	46	46	40	27	16	49	47	25	14	38	45	40	38	43	39	40
ADM 260010	6020134711	5	GH 220096 ADM 230053		102	107	96	95	107	108	105			99	106	100	107	104	107	96	100	103	101	103		93	105	114	103	113	101	98	101	96	94	100
					64	49	39	39	22	38	48			30	25	1.01	-1.0	21	9.2	0.8	36	11.8	89	33	-0.2	15.2	-12.7	-3.2	26.4	15	22	0.32	-0.81	-0.80	0.04	
															26	70	49	39	49	39	42	44	29	15	34	33	29	15	37	32	29	28	31	28	30	
ADM 260011	6020134729	2	TT 210047 ADM 200057		95	108	113	81	104	110	110	110	110	125	120	97	103	121	108	113	110	110	124	99	117	120	120	100	106	108	116	125	122	105	135	122
					63	47	40	41	17	36	47	27	34	36	39	1.23	-0.5	38	9.7	6.2	59	15.5	135	25	-32	0.9	22.2	-6.1	-3.6	23.3	23	38	1.87	-0.18	4.16	0.35
															32	69	50	44	47	40	43	44	35	25	16	42	41	22	12	37	39	35	34	38	34	36
ADM 260013	6020134745	6	GH 220096 ADM 230036		105	114	96	87	107	113	112			105	114	100	118	114	114	96	101	111	104	104	100	98	115	99	108	110	101	102	105	94	94	104
					64	49	38	39	24	38	48			31	33	0.96	-2.2	31	12.2	0.7	39	15.9	94	37	-17	0.0	19.9	-5.6	-4.0	24.6	15	24	0.61	-0.93	-0.80	0.10
															26	70	49	39	49	38	42	44	30	16	6	35	34	31	16	37	33	30	30	32	30	31
ADM 260014	6020341589	6	GH 220096 ADM 230066		93	117	92	100	99	108	113			101	100	89	102	99	117	92	106	110	97	95	93	107	108	109	95	105	92	96	100	106	107	101
					63	48	35	34	20	36	46			30	19	1.85	-0.4	15	13.3	-0.5	51	15.4	80	13	-11	0.4	16.6	-10.3	-1.8	21.5	10	20	0.25	-0.09	0.74	0.04
															20	70	47	34	48	35	39	44	30	15	5	35	34	27	13	35	33	30	29	32	29	30
ADM 260018	6020484587	3	GH 220096 E 110023		87	116	110	87	107	116	117			114	114	85	102	113	116	110	116	117	102	98		106	114	113	103	109	109	110	118	97	105	118
					66	51	48	46	20	40	52			32	33	2.25	-0.4	30	13.0	5.2	74	19.3	92	21	0.4	19.2	-12.6	-3.2	23.9	19	29	1.58	-0.73	0.44	0.28	
															37	71	55	46	51	48	48	45	31	17	39	37	26	14	42	36	32	30	34	31	32	

Selection List on Cow Value

Bulls 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	Weaner Calf Value	Growth Value	Prod Value	Carcass Value										
Sorted on ID						nt821	F94L	Q204X		Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc										
										★★★★★																				
1	ADM 240028	ADM 240028	ST 200056	ADM 160039	6.6	PcH	0	0	0		93	84	124	84	97	80	92	80	114	70	124	76	123	83	110	79	123	77	125	81
2	GH 220096	GH220096	A 180005	GH 170011	6.5	PcH	0	0	0		102	78	123	68	94	54	87	55	117	32	126	52	121	65	98	24	122	46	113	41
3	PX 240084	PX 240084	ST 200056	ADM 200003	6.4	HH	0	0	0		98	84	122	84	99	80	95	80	110	70	123	76	124	83	91	80	118	77	122	82
										★★★★★																				
1	ADM 240013	ADM 240013	GH 140006	ADM 190041	11.5	PcH	0	0	0		90	85	104	85	97	82	96	82	117	71	110	77	98	84	117	80	111	78	101	80
2	ADM 240031	ADM 240031	ST 200056	ADM 160028	7.1	HH	0	0	0		97	84	109	84	104	81	94	80	112	70	116	76	110	83	118	80	117	77	131	82
3	ADM 240037	ADM 240037	GH 190057	TT 180010	6.0	PcH	0	0	0		108	85	106	85	117	81	90	80	98	70	111	76	117	84	113	79	111	77	108	82
4	ADM 240045	ADM 240045	GH 190057	ADM 170035	5.4	PcH	0	0	0		83	85	111	85	119	82	93	81	106	70	116	76	117	84	139	80	121	77	113	82
5	ADM 240075	ADM 240075	ADM 210028	GA 220218	5.0	PcH	0	0	0		89	84	122	84	89	79	84	79	105	69	110	75	112	82	138	79	115	76	138	78
6	ADM 240078	ADM 240078	GH 190057	ADM 200011	3.1	PcH	0	0	0		86	85	116	84	99	81	94	81	105	70	111	76	112	83	104	80	109	77	116	80
										★★★★★																				
1	ADM 210031	ADM 210031	TT 150053	ADM 150020	6.5						105	70	95	70	114	58	100	56	107	32	108	53	102	66	92	30	104	48	104	45
2	ADM 230005	ADM 230005	ADM 200031	ADM 190056	5.1	HH	0	0	0		88	83	101	82	108	79	95	78	102	68	101	74	99	81	110	78	102	75	110	80
3	ADM 240011	ADM 240011	GH 190009	ADM 190052	4.1	PcH	0	0	0		94	85	112	85	93	81	99	80	98	70	103	76	107	84	93	78	100	76	100	80
4	ADM 240048	ADM 240048	GH 190009	TT 210031	4.7	PcH	0	0	0		100	86	102	85	100	81	110	81	99	70	103	76	106	84	89	81	99	77	84	81
5	ADM 240051	ADM 240051	TT 210047	TT 210072	9.4	PcH	0	0	0		104	85	114	84	94	80	90	80	96	70	105	76	111	83	107	80	104	77	119	80
6	ADM 240054	ADM 240054	GH 190009	TT 210018	5.3	HH	0	0	0		82	85	114	85	97	81	98	81	98	70	104	76	108	84	109	81	104	77	114	80
7	ADM 240061	ADM 240061	GH 210009	A 180013	6.7	PcPc	0	0	0		103	85	89	82	98	80	111	80	111	70	100	75	88	82	83	78	95	76	77	77
										★★★★																				
1	ADM 240032	ADM 240032	ST 200056	ADM 220002	5.4	PcH	0	0	0		97	83	105	83	96	79	99	79	87	68	92	74	101	82	111	79	93	75	88	81
2	ADM 240035	ADM 240035	TT 140032	HBH 200031	4.5	HH	0	0	0		100	85	105	85	88	81	95	80	90	70	90	76	96	84	112	80	92	77	109	82
										★★★																				
1	ADM 240038	ADM 240038	GH 150004	ADM 210048	5.5	PcPc	0	0	0		108	85	95	83	71	82	114	82	88	72	78	76	82	83	118	81	82	77	98	81

Selection List on Cow Value

Cows 2 years and older

ID Sorted on ID	Name	Sire ID	Dam ID	% Inbreeding	Horned / Polled	Myostatin nt821 F94L Q204X	Genomic test	Calving Ease Value Acc	Calf Growth Value Acc	Milk Value Acc	Maint. Value Acc	Fertility Value Acc	Cow Value Acc	Weaner Calf Value Acc	Growth Value Acc	Prod Value Acc	Carcass Value Acc										
								★★★★★																			
1	ADM 160022	ADM 160022	XY 100005	XY 110028	5.6			107	81	97	78	96	80	102	76	134	41	121	65	96	79	106	36	119	59	107	46
2	ADM 160028	ADM 160028	XY 100005	XY 090100	6.4			91	82	104	79	115	80	90	76	132	43	128	66	108	79	123	33	129	59	116	47
3	ADM 160039	ADM 160039	XY 100005	ADM 070005	6.7			97	80	95	78	104	80	109	75	136	43	124	65	98	78	96	30	120	58	96	42
4	ADM 190041	ADM 190041	ADM 160003	ADM 160028	6.3			80	76	111	72	106	72	91	72	121	36	120	59	107	73	109	24	119	52	111	39
5	ADM 220024	ADM 220024	TT 150053	E 130009	6.8			99	74	108	72	114	64	86	70	116	36	120	57	112	71	91	30	115	52	98	43
6	ADM 220039	ADM 220039	TT 150053	ADM 160028	7.5			96	73	99	70	112	57	102	56	124	36	120	54	105	66					104	46
7	ADM 240053	ADM 240053	TTS 210004	ST 200081	5.4			78	66	144	67	99	46	78	47	105	26	129	47	141	60					130	18
8	ADM 240067	ADM 240067	GH 190057	TT 180051	7.9			81	69	125	70	128	52	75	50	99	28	122	50	136	64	124	30	124	46	136	39
9	HBH 170163	HBH170163	AM 110165	HBH 050886	3.9			70	79	124	76	109	76	78	74	111	41	120	63	118	76	107	32	118	57	120	46
								★★★★★																			
1	ADM 160048	ADM 160048	XY 100005	ADM 080051	9.6			81	81	99	70	129	77	92	74	113	41	115	61	107	73	114	37	115	56	122	54
2	ADM 170035	ADM 170035	AM 090025	E 110003	5.8			98	81	112	78	118	81	81	76	106	40	117	64	119	79	136	34	122	58	121	54
3	ADM 190028	ADM 190028	ADM 160042	ADM 170035	8.4			100	76	104	73	128	72	96	70	99	35	115	59	120	73	119	26	116	52	117	42
4	ADM 230016	ADM 230016	TT 150053	ADM 170005	7.3			103	72	114	71	102	63	85	55	109	34	116	54	114	68	93	32	111	50	104	46
5	ADM 240047	ADM 240047	GH 190057	E 130009	4.8			82	70	114	71	124	55	86	51	104	27	118	51	122	65	112	24	118	46	111	36
6	ADM 240057	ADM 240057	GH 190057	ADM 160044	11.9			89	69	94	69	111	54	120	50	112	30	111	50	103	64	98	26	108	45	93	40
7	ADM 240062	ADM 240062	HBH 210009	ST 200031	5.2			89	66	121	68	109	47	83	48	101	30	116	49	122	61	107	24	114	44	120	36
8	ADM 240068	ADM 240068	GH 190057	ADM 220036	5.8			79	67	106	68	123	49	96	49	105	28	114	48	114	62	113	24	114	43	113	38
9	ADM 240074	ADM 240074	GH 190057	ADM 140003	3.8			98	68	112	69	109	54	102	49	103	25	116	49	122	64	112	30	116	45	116	42
10	ST 200081	ST 200081	T 110098	ST 140017	5.0			81	75	123	73	105	70	85	74	96	41	111	61	119	73					115	17
11	TT 180051	TT 180051	HBH 140060	TT 150001	5.2			78	76	122	74	132	74	69	74	92	38	115	61	133	74	119	42	116	57	134	48
								★★★★★																			
1	ADM 160044	ADM 160044	XY 100005	ADM 060046	8.2			105	80	88	72	90	80	131	75	117	42	105	63	91	75	71	34	97	57	73	49
2	ADM 170005	ADM 170005	AM 130091	ADM 070019	8.4			91	80	117	76	105	77	79	74	92	38	103	62	116	76	100	38	101	57	101	46
3	ADM 170027	E 17-27	AM 090025		0.0			102	68	89	59	115	66	98	69	106	26	101	50	94	63	127	28	105	46	106	44
4	ADM 190056	ADM 190056	TT 150053	GH 140095	6.0			90	78	98	69	97	75	98	74	116	32	105	58	90	72	90	34	101	53	97	52

Selection List on Cow Value

Cows 2 years and older

ID Sorted on ID		Name	Sire ID	Dam ID	% Inbreeding	Horned / Polled	Myostatin nt821 F94L Q204X	Genomic test	Calving Ease Value Acc	Calf Growth Value Acc	Milk Value Acc	Maint. Value Acc	Fertility Value Acc	Cow Value Acc	Weaner Calf Value Acc	Growth Value Acc	Prod Value Acc	Carcass Value Acc
									★★★★☆									
5	ADM 200052	ADM 200052	AM 130091	ADM 150024	7.7				10274	10272	9070	10572	10836	10459	9972	9534	10154	9339
6	ADM 220036	ADM 220036	TT 150053	ADM 150020	6.5				8374	9872	12064	10271	10436	10657	10371	9130	10252	9845
7	ADM 230036	ADM 230036	GH 140006	TT 180010	7.3				10671	10669	9854	8854	9735	10053	10465	11129	10148	9646
8	ADM 230065	ADM 230065	GH 140006	TT 180051	5.5				8070	11570	11054	7854	10029	10751	11365	11532	10947	11245
9	ADM 240005	ADM 240005	ADM 200041	ADM 190028	7.6				9966	9966	11247	10444	9822	10445	10760	10322	10340	9836
10	ADM 240010	ADM 240010	GH 140006	ADM 200057	2.6				7966	10364	11349	8450	11024	10646	9860	11424	10742	10439
11	ADM 240024	ADM 240024	ADM 210028	ADM 160016	3.6				11767	10267	9650	9645	10124	10347	10361	12224	10642	11538
12	ADM 240027	ADM 240027	GH 190057	XY 110028	4.2				9871	9571	10557	11252	11230	10952	10066	10131	10748	10642
13	ADM 240033	ADM 240033	AM 190067	HBH 170163	5.3				7669	10670	10251	9648	11229	10750	9863	10425	10645	10739
14	ADM 240044	ADM 240044	CHK 170032	HBH 180100	4.9				13367	8071	10754	12452	10430	10351	9865			8032
15	ADM 240049	ADM 240049	G 170072	TT 200021	4.9				9770	13171	8255	8854	9230	10852	12166	10829	10747	11744
16	ADM 240052	ADM 240052	TT 210035	GH 180036	4.9				8268	9970	10150	10046	11125	10248	9263	10623	10243	9635
17	ADM 240063	ADM 240063	GH 210009	GH 180057	4.0				9368	9870	8851	10249	11628	10249	8663			8822
18	DKH 230059	DKH 230059	AVR 110050	DKH 190147	7.8				10171	10772	9560	9960	10036	10355	10568	9631	10050	9852
19	E 110023	E 110023	GNC 080018	DT 080008	0.0				9082	10077	12580	8873	9724	10359	10678	10428	10253	11650
20	TT 180010	TT 180010	AM 090038	TT 150007	6.9				11574	10775	10974	8075	9344	10463	11475	11336	10558	10554
21	TT 200029	TT 200029	TT 150053	XY 090022	6.6				9277	10574	9170	9174	11638	10760	9474	7632	10054	8346
22	TT 210018	TT 210018	ADM 170001	TT 180041	5.1				10075	11572	8666	9270	10335	10658	10671	11242	10755	12446
23	TT 210031	TT 210031	GH 140006	TT 170005	6.2				9875	10271	9062	10470	10634	10156	9770	9832	9951	8544
24	TT 210072	TT 210072	TT 140032	TT 180004	6.5				9272	10659	10058	9369	9929	10050	10262	10135	9947	10144
25	TT 220080	TT 220080	GH 140006	TT 180063	5.8				10373	10269	9253	9054	11031	10351	9565	9328	10046	9144
26	XY 110028	XY 110028	HBH 061018	ADM 050053	4.3				12485	8382	8286	12478	11843	10168	8383	8247	9664	8957
									★★★★									
1	A 180013	A180013	AM 130144	V 100081	6.9				8378	9375	10073	11774	10538	9761	9075	9130	9455	8342
2	ADM 150020	ADM 150020	HBH 090203	ADM 080061	6.0				9981	9079	12282	9979	9145	9667	10080	10032	9560	10244
3	ADM 160016	ADM 160016	GH 120013	ADM 110024	0.0				12178	8973	11576	10970	9134	9859	10574	8928	9453	9446
4	ADM 180042	ADM 180042	HBH 040858	ASE 080032	3.2				9279	9276	9178	9975	10542	9064	8077	8634	8658	8249
5	ADM 190035	ADM 190035	ADM 160003	ADM 160015	2.8				9276	8370	10472	11071	10634	9258	8071			8029

Selection List on Cow Value

Cows 2 years and older

ID Sorted on ID			Name	Sire ID	Dam ID	% Inbreeding	Horned / Polled	Myostatin nt821 F94L Q204X	Genomic test	Calving Ease Value Acc	Calf Growth Value Acc	Milk Value Acc	Maint. Value Acc	Fertility Value Acc	Cow Value Acc	Weaner Calf Value Acc	Growth Value Acc	Prod Value Acc	Carcass Value Acc						
										★★★★															
6	ADM 190052	ADM 190052	ADM 160003	ADM 150021	4.6					9076	10172	10073	9172	9536	9259	9373	9620	9151	9130						
7	ADM 200011	ADM 200011	TT 150053	ADM 110022	0.0					9173	9659	10266	10171	10424	9850	9264	9235	9547	10146						
8	ADM 200042	ADM 200042	GH 140006	XY 110028	5.8					11476	7675	8072	13073	11736	9260	7174	8734	8955	7347						
9	ADM 210022	ADM 210022	TT 140032	TT 180022	9.5					10373	10072	9865	10652	9530	9754	10168	9132	9450	8848						
10	ADM 210043	ADM 210043	GH 140001	ADM 160044	5.0					9675	10772	6869	11557	10737	9757	9270	10530	9752	8849						
11	ADM 210048	ADM 210048	GH 140001	ADM 150024	7.5					9174	11370	7458	9558	10438	9755	9467	12730	10250	11046						
12	ADM 230023	ADM 230023	GH 190009	ADM 200042	4.7					9869	9069	9248	12245	9830	9149	8862	8428	8645	7846						
13	ADM 230030	ADM 230030	ADM 210010	ADM 140003	2.3					10868	10764	7850	10846	8922	9245	10060	10230	9142	10342						
14	ADM 230032	ADM 230032	ADM 210010	ADM 160039	5.2					11069	8766	8649	12348	11032	9749	8661	10025	9644	9340						
15	ADM 230037	ADM 230037	ADM 210010	E 130009	3.9					10370	10267	9151	8948	9630	9249	9462	10224	9244	9938						
16	ADM 230053	ADM 230053	GH 140006	ADM 150021	4.5					10272	9070	9857	10555	9731	9052	8866	10326	9047	8541						
17	ADM 230056	ADM 230056	GH 140006	ADM 210043	11.8					9768	10268	7953	10949	10829	9849	9163	10526	9844	8445						
18	ADM 240003	ADM 240003	ADM 200041	ADM 190035	6.3					9466	8565	10146	11944	10222	9245	8659	7720	8740	7634						
19	ADM 240007	ADM 240007	GH 190009	ADM 200055	2.2					10264	9364	10743	10940	9820	9843	9957	9824	9639	9840						
20	ADM 240014	ADM 240014	GH 190009	ADM 200052	6.9					10067	9868	9647	11544	9625	9847	10061	8829	9443	8744						
21	ADM 240021	ADM 240021	ST 200056	TT 180022	5.8					8966	11867	9948	9246	8425	9947	11661	11025	10043	12237						
22	ADM 240043	ADM 240043	GH 190057	HBH 150087	4.9					7969	9870	10654	10851	9132	9151	9665	10926	9246	10040						
23	ADM 240065	ADM 240065	GH 190009	TT 200029	5.8					9968	10070	9648	10145	10026	9748	9663	7928	9244	8546						
24	ADM 240069	ADM 240069	GH 190057	ADM 220048	4.4					8966	9768	11547	10441	9426	9947	10360	10623	9942	10338						
25	ADM 240071	ADM 240071	G 170072	TT 210006	5.7					11467	10569	8752	11154	8629	9450	10664	9528	9246	10543						
26	ADM 240077	ADM 240077	GH 190057	GA 220255	3.2					9867	9170	11048	12042	9224	9547	10162	11422	9742	10832						
27	GH 180036	GH180036	GH 130038	GH 100056	4.0					7178	10175	7876	10275	11340	9362	7776	9620	9154	9128						
28	HBH 180070	HBH180070	W 140043	HBH 060981	5.2					12079	9777	9677	10476	8443	9064	10277	6434	8258	7258						
29	TT 180022	TT 180022	TT 120B03	TT 150034	17.8					8772	10975	11374	9373	7738	9261	11274	9936	9156	10348						
30	TT 200021	TT 200021	GH 140001	TT 170058	4.7					8876	12075	9072	9073	8938	9961	11074	12534	10256	11650						
31	TT 210070	TT 210070	GH 140006	TT 160044	6.6					7774	10471	8561	9070	11030	9555	8369	10227	9449	8644						
										★★★★☆															
1	ADM 150021	ADM 150021	HBH 090203	ADM 100039	2.5					9880	8977	10882	9677	8542	8265	8778	10126	8257	8934						

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	Weaner Calf Value	Growth Value	Prod Value	Carcass Value
Sorted on ID						nt821	F94L	Q204X									
2	ADM 180044	ADM 180044	HBH 040858	ADM 130023	0.0												
3	ADM 210009	ADM 210009	GH 150004	ADM 180044	3.5												
4	ADM 230021	ADM 230021	GH 190009	ADM 200048	5.3												
5	ADM 230041	ADM 230041	ADM 210010	ADM 150020	7.0												
6	ADM 230066	ADM 230066	GH 190009	ADM 210041	5.1												
7	ADM 240001	ADM 240001	GH 140006	ADM 210015	5.0												
8	ADM 240026	ADM 240026	GH 150004	ADM 210022	6.9												
9	ADM 240036	ADM 240036	GH 150004	ADM 210043	6.6												
10	HBH 200031	HBH200031	V 130187	HBH 130017	2.4												
1	ADM 200026	ADM 200026	GH 150004	ADM 150020	9.5												
2	ADM 220002	ADM 220002	GH 140001	ADM 190052	4.2												
3	ADM 240056	ADM 240056	GH 190009	TT 200023	8.6												
1	GH 190065	GH190065	XY 120065	GH 130056	4.1												
2	HBH 150087	HBH150087	HBH 040858	HBH 120081	7.8												
3	TT 200023	TT 200023	GH 140001	TT 170055	6.6												

Selection List on Cow Value

Bull calves younger than 2 years

ID	Name	Sire ID	Dam ID	Visual Score	Horned / Polled	Myostatin	Genomic test	Calving Ease Value	Calf Growth Value	Milk Value	Maint. Value	Fertility Value	Cow Value	Weaner Calf Value	Growth Value	Prod Value	Carcass Value										
Sorted on ID				% Inbreeding		nt821 F94L Q204X		Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc										
								★★★★★																			
1	ADM 250015	ADM 250015	GH 190057	ADM 200057	4.2			78	65	111	64	131	46	81	46	108	22	120	45	119	59	125	21	122	40	127	33
2	ADM 250025	ADM 250025	GH 220096	ADM 160039	5.7			97	67	110	52	99	48	97	47	127	26	125	43	110	53	97	20	121	38	104	30
3	ADM 250035	ADM 250035	TT 210047	ADM 160028	6.2			111	68	111	57	101	49	88	47	115	26	120	44	114	56	114	31	119	41	126	42
4	ADM 260017	ADM 260017	GH 220096	ADM 190041	6.0			81	65	122	50	101	45	89	45	119	24	125	41	117	51					112	28
								★★★★★																			
1	ADM 250001	ADM 250001	TT 150053	ADM 070005	6.3			100	72	98	62	101	59	111	58	124	34	118	51	102	62	78	32	111	47	89	46
2	ADM 250009	ADM 250009	GH 190057	ADM 170005	5.7			82	68	125	70	115	53	80	50	99	28	118	50	130	64	117	28	119	46	120	38
3	ADM 250011	ADM 250011	GH 190057	ADM 190056	5.7			79	68	106	68	112	52	96	50	111	26	112	49	106	63	109	26	112	44	113	40
4	ADM 250023	ADM 250023	GH 220096	XY 110028	6.1			112	68	104	53	88	51	101	48	118	26	113	44	101	54	90	27	108	41	101	35
5	ADM 250030	ADM 250030	TT 210047	ADM 170035	6.1			107	68	119	56	103	50	83	47	102	25	116	44	122	55	121	32	117	42	128	44
6	ADM 250033	ADM 250033	TT 210047	ADM 160022	5.8			127	68	104	56	91	49	93	47	116	25	114	44	105	55	105	32	113	42	121	42
7	ADM 250036	ADM 250036	GH 190057	TT 200029	5.1			87	69	107	60	108	50	93	50	111	28	113	47	107	58	102	25	111	43	104	39
8	ADM 250044	ADM 250044	GH 190057	TT 210018	6.3			91	68	112	59	106	49	93	48	105	28	113	46	113	57	120	30	114	43	125	39
9	ADM 250048	ADM 250048	ADM 230042	HBH 170163	4.7			75	66	121	51	103	45	90	42	102	24	112	41	116	51	108	24	111	38	117	38
10	ADM 250056	ADM 250056	ADM 230006	ADM 220036	6.6	PcPc	1 0 0	75	83	117	80	120	79	90	79	96	68	112	73	121	80	98	77	109	74	116	78
11	ADM 250057	ADM 250057	ADM 230006	TT 210072	6.6	HH	1 0 0	93	84	114	80	107	79	88	79	100	68	110	73	115	80	107	78	109	74	119	78
12	ADM 260003	ADM 260003	TT 210047	ADM 190028	5.8			105	66	116	55	108	46	91	45	99	22	115	42	123	54	112	30	115	40	126	40
13	ADM 260016	ADM 260016	GH 220096	TT 200021	7.7			93	66	123	51	92	45	88	46	103	24	113	41	116	52	111	21	112	37	115	32
14	ADM 260020	ADM 260020	GH 220096	ADM 170005	6.7			94	65	121	51	100	47	83	46	104	25	115	42	119	52	99	23	112	38	107	30
								★★★★★																			
1	ADM 250008	ADM 250008	GH 190057	ADM 180042	4.3			95	68	99	70	107	53	96	50	106	29	104	50	100	64	107	26	104	45	107	40
2	ADM 250013	ADM 250013	GH 190057	ADM 190035	3.5			81	68	99	68	115	51	101	49	107	26	106	48	101	62	100	21	104	43	104	34
3	ADM 250014	ADM 250014	GH 190057	ADM 180044	2.7			83	68	96	69	114	53	94	49	104	28	101	49	96	63	107	26	101	44	109	40
4	ADM 250016	ADM 250016	GH 190057	ADM 190052	4.3			84	68	108	69	112	52	91	49	101	28	107	49	109	63	113	22	108	44	111	34
5	ADM 250019	ADM 250019	TT 210047	ADM 210043	5.7			117	66	111	54	77	45	98	40	102	24	103	41	104	52	105	30	103	39	112	42
6	ADM 250027	ADM 250027	TT 210047	TT 180022	7.1			104	66	116	55	100	47	89	46	87	24	103	43	117	54	102	32	101	41	119	42
7	ADM 250028	ADM 250028	TT 210047	ADM 230023	5.2			109	64	107	53	90	37	100	35	98	20	101	38	104	49	94	30	98	36	106	41
8	ADM 250034	ADM 250034	TT 210047	ADM 160044	6.2			124	68	100	54	88	49	103	47	107	26	106	44	101	54	88	32	101	42	104	42

Selection List on Cow Value

Bull calves younger than 2 years

ID Sorted on ID	Name	Sire ID	Dam ID	Visual Score % Inbreeding	Horned / Polled	Myostatin nt821 F94L Q204X			Genomic test	Calving Ease Value Acc	Calf Growth Value Acc	Milk Value Acc	Maint. Value Acc	Fertility Value Acc	Cow Value Acc	Weaner Calf Value Acc	Growth Value Acc	Prod Value Acc	Carcass Value Acc
										★★★★★									
9	ADM 250052	ADM 250052	ADM 230006	HBH 200031	3.8	HH	1	0	0	90 64	116 48	106 40	81 36	88 21	100 37	114 47	109 23	101 34	122 38
10	ADM 250058	ADM 250058	TT 210047	A 180013	5.4					106 67	107 55	94 47	98 46	101 24	104 43	104 54	98 30	102 40	109 40
11	ADM 250061	ADM 250061	GH 190057	ADM 160016	2.0					106 68	97 59	120 52	101 49	99 26	107 46	111 58	108 24	107 42	110 38
12	ADM 260001	ADM 260001	GH 220096	ADM 230037	5.0					111 64	109 48	92 37	88 37	106 22	107 37	105 47			106 28
13	ADM 260004	ADM 260004	ADM 210028	ADM 230032	8.2					103 65	103 54	83 40	100 37	111 24	102 40	93 51	127 22	106 36	115 37
14	ADM 260006	ADM 260006	ADM 210028	ADM 190056	6.8					90 67	110 55	89 49	91 47	114 24	108 43	97 55	122 26	110 40	117 40
15	ADM 260012	ADM 260012	TT 210047	ADM 190035	4.7					115 66	99 54	95 46	96 45	102 22	101 41	98 53	88 28	97 38	108 37
16	ADM 260015	ADM 260015	TT 210047	ADM 200052	6.7					119 66	109 54	88 45	94 45	103 23	107 42	108 53	100 31	105 40	114 39
17	ADM 260019	ADM 260019	GH 220096	ADM 180042	4.6					92 64	110 51	93 48	92 47	111 26	109 42	102 52	92 21	105 38	98 32
										★★★★									
1	ADM 250022	ADM 250022	TT 210047	HBH 180070	6.1					131 68	105 56	91 48	94 47	91 26	99 44	108 55	84 32	95 42	104 44
2	ADM 250041	ADM 250041	ADM 230042	ADM 220002	6.1					92 63	109 49	88 39	103 34	86 20	90 37	101 47	111 22	92 34	99 39
3	ADM 250042	ADM 250042	TT 210047	ADM 230021	5.4					115 64	109 53	96 37	96 35	84 20	97 38	112 49	95 30	95 36	112 41
4	ADM 250047	ADM 250047	ADM 230042	ADM 230030	7.4					116 62	104 47	86 34	107 30	91 17	96 34	104 45	105 24	96 32	108 38
5	ADM 260005	ADM 260005	ADM 210028	ADM 180044	3.6					88 67	103 57	91 49	90 46	106 24	97 44	90 56	120 25	100 40	113 40

Selection List on Cow Value

Heifers younger than 2 years

ID	Name	Sire ID	Dam ID	Visual Score	Horned / Polled	Myostatin	Genomic test	Calving Ease Value	Calf Growth Value	Milk Value	Maint. Value	Fertility Value	Cow Value	Weaner Calf Value	Growth Value	Prod Value	Carcass Value										
Sorted on ID				% Inbreeding		nt821 F94L Q204X		Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc										
								★★★★★																			
1	ADM 250006	ADM 250006	GH 190057	ADM 190041	8.0			81	68	111	69	115	51	92	49	114	28	120	49	114	63	119	23	121	44	117	36
2	ADM 250029	ADM 250029	GH 220096	ADM 160048	6.6			89	67	112	49	112	47	89	46	115	26	120	42	115	51	106	22	118	38	118	34
								★★★★★																			
1	ADM 250005	ADM 250005	GH 190057	ADM 190028	8.4			97	68	102	69	127	51	99	49	103	27	115	49	117	63	123	24	117	44	117	38
2	ADM 250012	ADM 250012	GH 190057	ADM 200052	9.1			93	68	104	69	108	51	100	49	108	28	111	49	108	63	111	26	111	44	107	37
3	ADM 250021	ADM 250021	GH 220096	ADM 150020	6.6			100	67	107	52	108	49	93	48	104	28	111	44	110	53	99	20	108	39	107	30
4	ADM 250026	ADM 250026	GH 190057	TT 180010	6.0			87	68	114	60	118	51	87	50	100	30	114	47	120	58	121	27	115	43	115	41
5	ADM 250039	ADM 250039	ADM 230042	ADM 220039	5.9			92	63	107	49	105	37	104	34	108	22	112	37	109	47	105	24	111	34	109	38
6	ADM 250049	ADM 250049	GH 190057	ADM 220024	5.5	HH	0 0 0	95	67	107	59	119	48	90	49	111	27	119	45	115	57	109	24	118	41	112	38
7	ADM 250050	ADM 250050	GH 190057	TT 210070	7.9			80	68	112	58	106	47	92	48	108	26	112	45	110	56	115	24	113	41	106	38
8	ADM 250060	ADM 250060	GH 190057	TT 180051	7.9			81	69	114	59	128	52	81	50	99	28	115	47	123	58	124	30	117	44	130	39
9	ADM 260011	ADM 260011	TT 210047	ADM 200057	2.4			95	63	108	47	113	40	81	41	104	17	110	36	110	47	110	27	110	34	125	36
10	ADM 260013	ADM 260013	GH 220096	ADM 230036	6.1			105	64	114	49	96	38	87	39	107	24	113	38	112	48					105	31
11	ADM 260018	ADM 260018	GH 220096	E 110023	2.8			87	66	116	51	110	48	87	46	107	20	116	40	117	52					114	32
								★★★★★																			
1	ADM 250004	ADM 250004	GH 190057	ADM 200055	4.2			109	65	85	64	121	46	107	46	109	22	107	45	99	59	117	21	109	40	109	33
2	ADM 250017	ADM 250017	GH 190057	ADM 200042	7.4			102	68	89	69	103	51	112	50	112	28	104	49	92	63	106	26	103	44	96	39
3	ADM 250018	ADM 250018	GH 190057	ADM 170027	2.9			94	66	96	66	121	49	98	48	106	24	109	46	106	61	126	24	112	42	112	38
4	ADM 250031	ADM 250031	GH 190057	ADM 210022	6.3			93	67	104	59	112	48	100	42	101	26	108	44	111	56	109	26	108	40	107	39
5	ADM 250032	ADM 250032	GH 190057	ADM 130032	0.0			94	68	92	55	110	52	117	48	107	22	105	43	100	55	109	22	105	39	103	36
6	ADM 250038	ADM 250038	TT 210047	ADM 210048	6.0			117	65	113	54	80	41	90	40	101	24	103	41	105	52	116	30	105	39	123	41
7	ADM 250043	ADM 250043	ADM 230042	TT 220080	4.6			108	64	103	48	94	35	97	33	101	20	101	36	101	46	101	22	100	33	102	38
8	ADM 250051	ADM 250051	ADM 230033	ST 200081	4.3	PcH	0 0 0	91	65	112	50	106	45	94	46	100	24	109	41	113	51					103	31
9	ADM 250053	ADM 250053	ADM 230033	TT 210031	16.2	PcPc	0 0 0	109	65	96	49	98	41	104	44	105	22	102	39	99	49	98	24	100	36	88	36
10	ADM 250054	ADM 250054	TT 210047	GH 180036	4.6			96	67	112	55	83	48	93	46	106	25	102	43	99	54	100	28	101	40	113	37
11	ADM 250059	ADM 250059	TT 210047	ADM 200011	6.3			108	65	109	50	95	44	93	45	101	18	105	39	106	51	99	32	103	38	118	42
12	ADM 260002	ADM 260002	TT 210047	ADM 190052	5.6			115	66	108	54	93	46	88	45	97	22	101	41	105	53	100	28	99	38	113	37
13	ADM 260007	ADM 260007	TT 210047	ADM 200055	2.4			127	63	96	47	101	40	95	41	105	17	105	36	102	47	108	27	105	34	120	36

Selection List on Cow Value
Heifers younger than 2 years

ID Sorted on ID	Name	Sire ID	Dam ID	Visual Score % Inbreeding	Horned / Polled	Myostatin nt821 F94L Q204X	Genomic test	Calving Ease Value Acc	Calf Growth Value Acc	Milk Value Acc	Maint. Value Acc	Fertility Value Acc	Cow Value Acc	Weaner Calf Value Acc	Growth Value Acc	Prod Value Acc	Carcass Value Acc
								★★★★★									
14	ADM 260009	ADM 260009	TT 210047	ADM 170027	3.4			11566	10450	10144	9144	10220	10739	10750	11630	10837	12040
15	ADM 260010	ADM 260010	GH 220096	ADM 230053	5.2			10264	10749	9639	9539	10722	10838	10548			9930
16	ADM 260014	ADM 260014	GH 220096	ADM 230066	6.4			9363	11748	9235	10034	9920	10836	11346			10130
								★★★★									
1	ADM 250024	ADM 250024	TT 210047	ADM 150021	4.6			10868	10756	9850	9047	9126	9844	10556	10329	9741	11238
2	ADM 250037	ADM 250037	GH 190057	GH 190065	5.1			10069	10260	10151	10450	8730	9347	10458	10724	9442	10737
3	ADM 250046	ADM 250046	GH 190057	ADM 200026	5.2			9568	10459	10548	10449	9129	9946	10757	11724	10142	11439
4	ADM 250055	ADM 250055	GH 220096	HBH 150087	5.5			8368	11052	9048	10147	9528	9643	9953	9222	9339	9834
								★★★★									
1	ADM 250040	ADM 250040	ADM 230042	TT 200023	6.5			9465	11050	8442	9341	7924	8240	9650	11424	8537	11339

