

BONSMARA

GENOMIC BREEDING VALUE REPORT

September 2026



BOTSWANA BONSMARA STUD

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EBVs, EBVi's and GEBVs

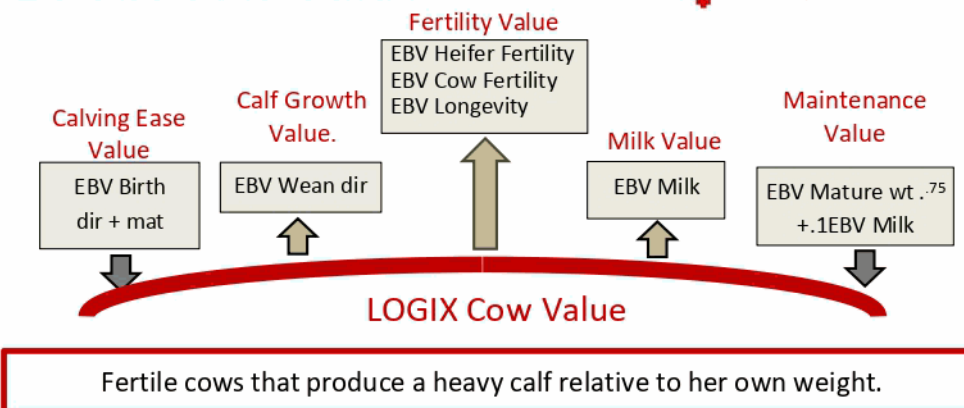
EBVi (Breeding Value Index): Genetic potential relative to the average (100) of the live (active) animals in the breed. Roughly 50% of the animals have values between 90 and 110. Values above 100, depending on the trait, tend to be in the more favourable direction.

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

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

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

LOGIX Cow Value



Selection Values

LOGIX Cow Value



Selecting for:

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

LOGIX Growth Value



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

How to use the Cow Value

Selection values should be compatible with your selection goal.

AVERAGE ANIMALS

(NO GROWTH EXTREMES)

- Selection Values 90 to 110
 - Cow Value and Fertility Value average to high
- A safe choice, as animals are profitable in most environments.

GROWERS

(GOOD ENVIRONMENT)

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

LOW- MAINTENANCE ANIMALS

(HARSH ENVIRONMENT)

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

LOGIX Weaner Calf Value



Select for:

- heavy weaners
- more milk and
- lower birth and
- cow weights

LOGIX Carcass Value



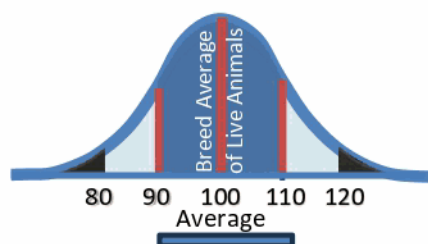
Select for more meat on the carcass as measured from end weight in Phase C and D Growth Tests and RTU scanning.

LOGIX Production Value



80% LOGIX Cow Value + 20% LOGIX Growth Value

Interpretation of EBVi and Selection Values

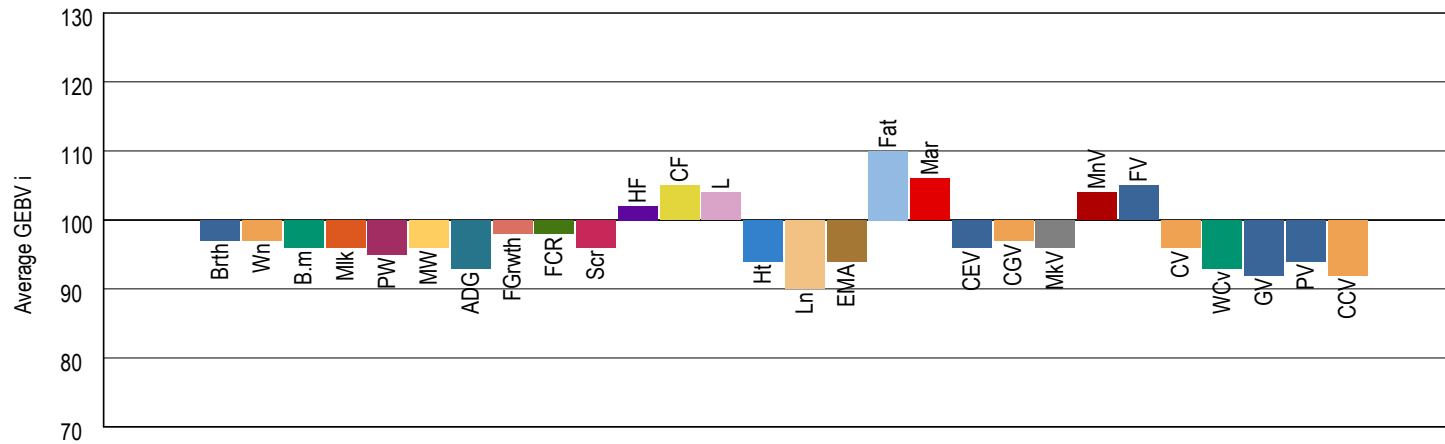


Examples

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

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

Herd and Breed Averages



Genomic Breeding Values (GEBVs):

Brth:	Birth weight	Scr:	Scrotal circumf.
Wn:	Weaning weight	HF:	Heifer Fertility
B.m:	Birth maternal	CF:	Cow Fertility
MLk:	Milk	LL:	Longevity
PW:	Post-wean weight	Ht:	Height
MW:	Mature weight	Ln:	Length
ADG:	Average Daily Gain	EMA:	Eye Muscle
FGwth	Veldgrowth	Fat:	Fat
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
WCv:	Weaner Calf Value
GV:	Growth Value
PV:	Production Value
CCV:	Carcass Value

	Trait	EBV Herd	EBVi Herd	EBV Breed
Prewrite Growth	Birth Weight	1.33	97	0.98
	Wean Weight	13.3	97	14.9
	Birth Mat.	-0.09	96	-0.28
	Milk (Wn.Mat.)	2.5	96	3.7
Postwean Growth	Postwean Wt	21	95	25
	Mature Weight	16	96	22
	ADG	51	93	79
	VeldGrowth	32	98	35
	FCR	-34	98	-37
Fertility	Scrotal Circumf.	11	96	13
	Heifer Fertility	-10.4	102	-9.1
	Cow Fertility	-1.42	105	-0.56
	Longevity	34.4	104	31.8
Frame	Height	-7.7	94	-3.1
	Length	4.7	90	13.6
Carcass	EMA	0.094	94	0.683
	Fat	1.578	110	0.055
	Marbling	0.436	106	-0.056

Selection Value	Ave. Herd
Calving Ease	96
Calf Growth	97
Milk	96
Maintenance	104
Fertility	105
Cow Value	96
Weaner Calf Value	93
Growth Value	92
Production Value	94
Carcass Value	92

- 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?:

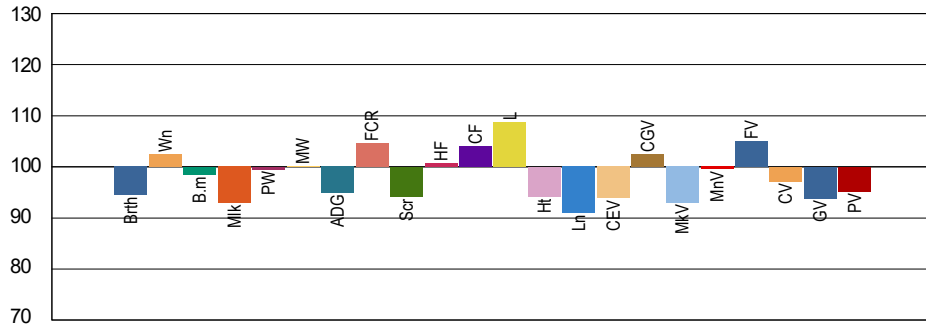
Calving ease:	Smaller calf at birth - easier calving
Calf growth:	Heavier calves at wean due to growth potential of the calf
Milk:	Cows with more milk and better mothering ability
Maintenance:	Animals with low maintenance requirements (lower mature weight).
Fertility:	Cows/daughters that calve earlier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

Genetic Windows

Bulls on the farm

Bulls born in 2023 and earlier

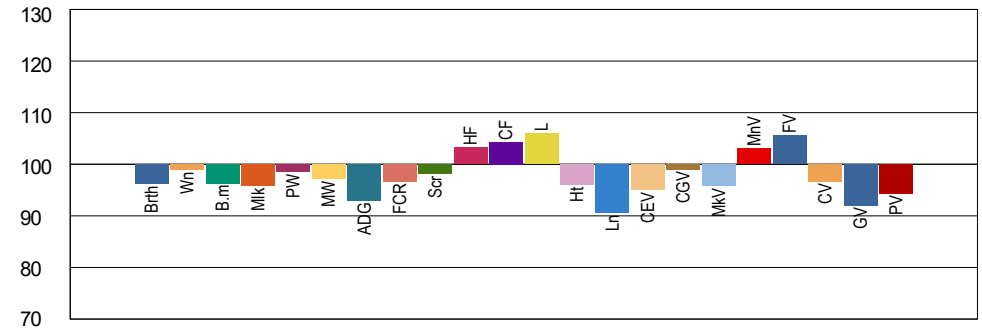
Total: 20



Cow Herd

Cows born in 2024 and earlier

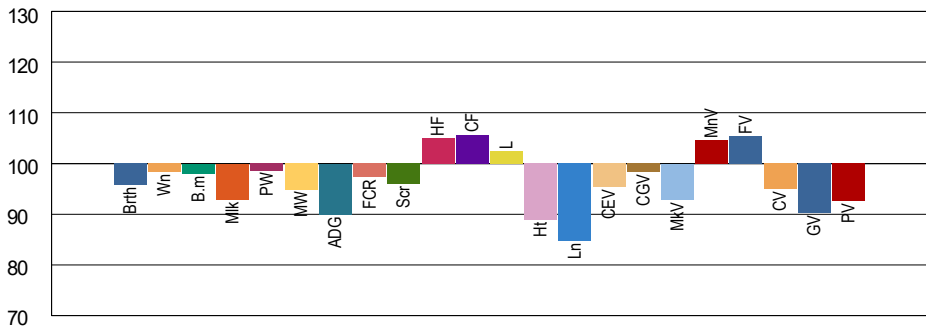
Total: 164



Sires of young animals

Sires of animals 3 years and younger

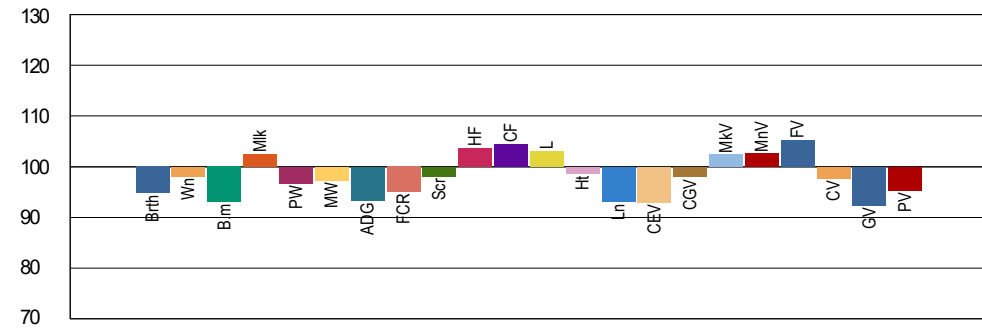
Total: 13



Cows older than 6 years

Cows born in 2020 and earlier

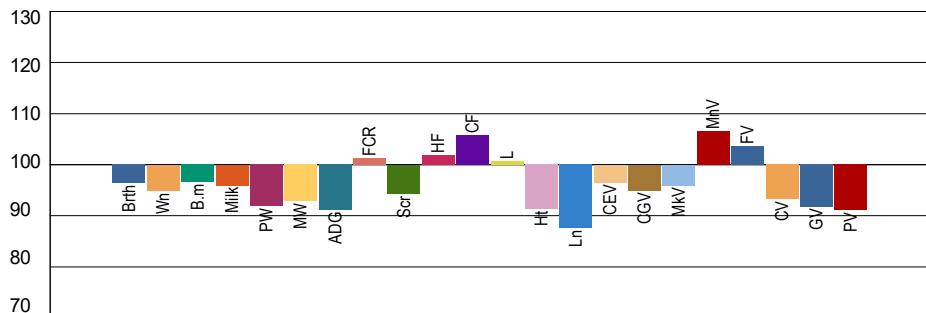
Total: 51



Bull calves

Bulls born in 2025

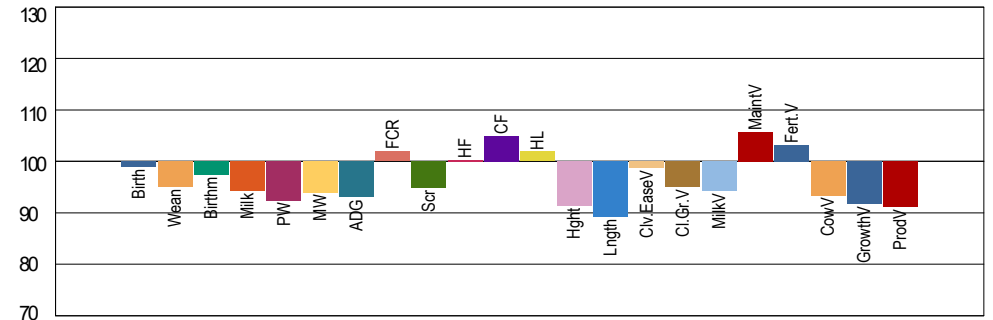
Total: 50



Heifer calves

Heifers born in 2025

Total: 59

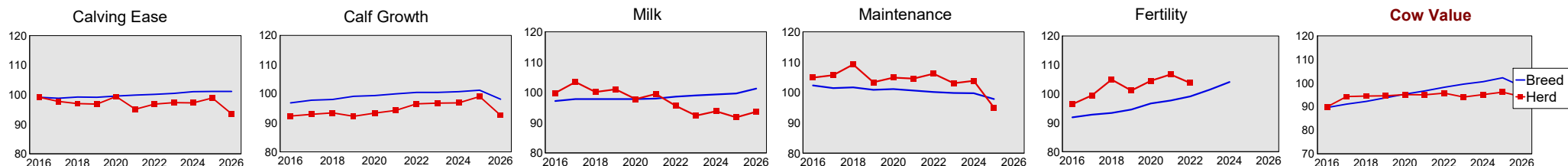


Summary of Cow Herd

			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	100	100	100	99	100	100	99	100	100	99	100	100	100	100	100	100	100	101	100
2011	1	★★★★☆	88	113	110	92	92	105	90	101	90	113	91	110	107	107	93	104	111	104	83	106	112	109
2012	3	★★★★☆	92	91	104	89	104	82	85	80	96	91	86	104	92	112	89	97	94	101	110	95	100	84
2013	1	★★★	105	79	87	99	110	76	80	73	105	79	100	87	87	101	81	86	92	111	119	85	97	86
2014	2		110	71	90	129					110	71	100	90	73	77						100		
2015	6	★★★★	83	100	109	99	106	97	93	95	88	100	84	109	97	99	95	101	96	105	106	103	102	92
2016	15	★★★★	103	83	99	112	100	90	85	83	104	83	99	99	79	89	86	92	93	100	105	96	101	89
2017	12	★★★★	90	96	110	103	99	95	90	93	93	96	86	110	93	97	93	98	100	101	99	99	104	96
2018	10	★★★★	93	99	96	110	108	99	91	95	94	99	97	96	96	90	91	89	95	106	107	103	89	88
2019	16	★★★★☆	93	97	112	100	105	104	100	103	95	97	92	112	95	100	99	98	98	100	104	106	105	101
2020	18	★★★★	100	92	99	107	109	98	90	95	102	92	96	99	92	94	90	91	98	108	106	104	93	88
2021	18	★★★★	92	96	102	103	106	97	93	95	94	96	94	102	97	98	94	96	104	106	105	102	97	92
2022	24	★★★★	96	100	93	103	106	98	93	95	97	100	98	93	101	99	93	94	104	104	104	108	96	90
2023	42	★★★★	95	102	91	102	106	97	94	95	96	102	93	91	101	98	94	100	97	102	104	108	98	92
2024	41	★★★★	97	100	92	102	104	96	92	93	97	100	101	92	99	98	93	99	94	101	103	109	93	88
2025	59	★★★★	99	95	94	106	103	93	92	91	99	95	97	94	92	94	93	102	95	100	105	102	91	89
2026	5	★★★★	97	95	87	108	118	96	93	99	97	95	98	87	94	93	87	88	89	108	118	107	83	81
Cows in Herd Average:			96	94	98	104	105	95	91	92	97	94	95	98	93	97	91	94	97	104	105	102	97	91

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.



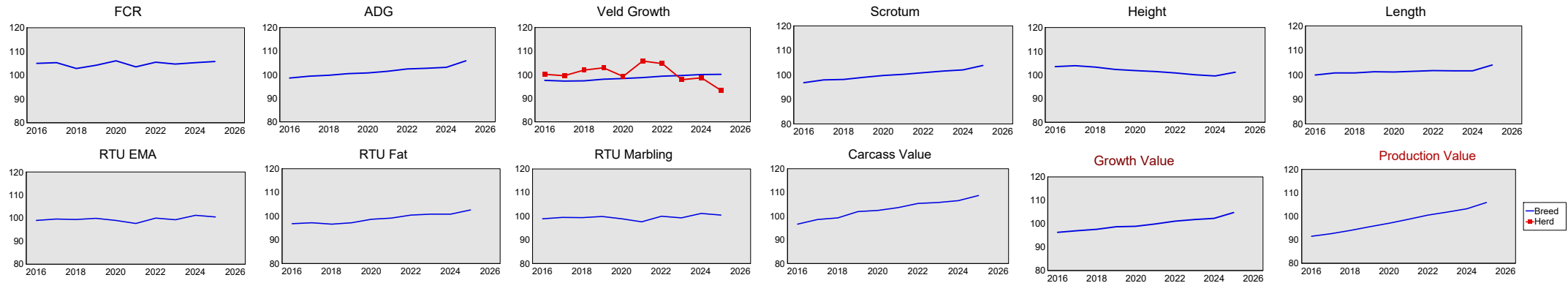
Herd

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	Number	EBV	Number	EBV		Number	EBV	Number	EBV	Number	EBV		Number	EBV	
2016	55	0.85	0.03	99	36	10.8	92	36	3.63	100	18	19.5	9	10	105	5	-8.1	5	-0.2	56	20.4	96	90	
2017	71	1.05	0.02	98	48	11.2	93	48	4.73	103	35	19.2	17	22	106	6	-11.4	8	-1.0	71	21.5	99	94	
2018	93	1.20	-0.21	97	73	11.4	93	73	3.76	100	65	19.0	9	2	109	10	-11.7	9	-1.0	90	25.7	105	95	
2019	96	1.19	-0.07	97	70	10.8	92	70	4.02	101	52	20.3	11	23	103	7	-12.3	5	-0.9	94	24.6	101	95	
2020	66	0.97	-0.17	99	45	11.4	93	45	3.04	98	38	18.5	14	7	105	5	-9.6	7	-1.4	66	26.6	105	95	
2021	102	1.27	0.04	95	77	11.8	94	77	3.57	100	75	18.7	14	22	105	21	-11.8	15	-1.8	92	26.5	107	95	
2022	70	1.25	-0.22	97	58	13.1	96	58	2.34	96	42	22.8	16	18	106	15	-9.9	4	-2.4	6	34.9	104	96	
2023	113	1.16	-0.11	97	84	13.2	97	84	1.35	92	66	22.6			103								94	
2024	115	1.14	-0.17	97	82	13.3	97	82	1.80	94	57	22.8			104								95	
2025	130	1.10	-0.16	99	36	14.4	99	36	1.17	92	3	27.8			95								96	
2026	18	1.47	0.01	94	17	11.0	93	17	1.75	94													94	

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		Mainte-nance	Heifer Fert.		Cow Fert.		Longevity			Ferti-lity
	Number	Dir EBV			Number	EBV		Number	EBV		Number	EBV	Number	EBV		Number	EBV	Number	EBV	Number	EBV		
2016	43617	1.05	-0.23	99	35930	13.3	97	35930	2.85	97	25541	22.8	6538	22	102	8135	-6.1	6285	-0.1	45540	22.9	92	90
2017	45336	1.08	-0.23	99	37532	13.8	98	37532	3.03	98	26133	23.7	6680	22	101	8519	-6.4	6592	-0.1	46660	23.8	93	91
2018	43028	1.06	-0.27	99	35840	13.9	98	35840	3.04	98	24987	23.8	6623	22	102	7937	-6.4	6328	-0.1	44031	24.5	93	92
2019	43014	1.07	-0.28	99	35189	14.5	99	35189	3.04	98	24710	24.8	6812	23	101	8176	-6.8	6640	-0.1	43352	25.5	95	94
2020	43065	1.04	-0.30	100	35848	14.6	99	35848	3.04	98	26199	24.9	7381	23	101	8576	-7.8	6880	-0.3	43333	26.4	97	95
2021	43188	1.01	-0.32	100	35942	14.9	100	35942	3.09	98	26572	25.7	6849	23	101	8460	-7.8	5964	-0.3	40244	27.4	98	97
2022	43262	0.99	-0.31	100	36541	15.2	100	36541	3.28	99	26872	26.2	5981	24	100	8283	-8.2	2919	-0.6	15061	27.5	99	98
2023	44407	0.96	-0.32	100	37320	15.2	100	37320	3.39	99	26594	26.3	1929	23	100	4872	-9.2	139	-1.0			102	100
2024	42942	0.89	-0.31	101	35829	15.3	101	35829	3.50	99	25736	26.4	7	26	100	297	-10.2					104	101
2025	44477	0.89	-0.31	101	33314	15.6	101	33314	3.60	100	7717	28.2			98								102
2026	15472	0.86	-0.27	101	1023	13.9	98	1023	4.09	101													99

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							29	35	100																			
2018							58	41	102																			
2019							39	43	103																			
2020							33	34	99																			
2021							57	50	106																			
2022							33	47	105																			
2023							64	31	98																			
2024							56	32	99																			
2025							3	20	93																			
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	EBV	EBVi	EBV	EBVi	EBV	EBVi				
2017	659	-45	105	8459	77	99	16297	29	97	9041	11.6	98	8541	0	104	8457	14	101	3129	0.61	99	-0.38	97	-0.09	100	99	97	93	
2018	628	-41	103	8227	78	100	15438	30	97	8717	11.7	98	7978	-1	103	7980	14	101	2986	0.81	101	-0.47	97	-0.11	99	99	98	94	
2019	628	-44	104	8521	81	100	14895	31	98	8900	12.2	99	8361	-1	102	8364	15	101	3151	1.17	105	-0.38	97	-0.07	100	102	99	96	
2020	636	-47	106	8817	82	101	15919	32	98	9374	12.6	100	8824	-2	102	8827	15	101	4040	0.98	103	-0.15	99	-0.14	99	102	99	97	
2021	664	-43	104	8962	85	101	16263	33	99	9619	12.9	100	9225	-2	101	9224	15	101	3802	1.05	104	-0.07	99	-0.26	98	104	100	99	
2022	728	-46	105	8922	88	102	16338	34	99	9812	13.3	101	9649	-2	101	9652	15	102	4279	1.15	105	0.13	100	-0.06	100	105	101	101	
2023	763	-44	105	8756	90	103	16158	35	100	9664	13.7	102	9747	-3	100	9738	15	102	4124	1.23	106	0.19	101	-0.11	99	106	102	102	
2024	819	-45	105	8610	91	103	15494	36	100	9152	14.0	102	9273	-3	100	9184	15	102	4523	1.21	105	0.20	101	0.04	101	107	102	103	
2025	363	-46	106	2908	102	106	4501	36	100	2815	15.1	104	3087	-2	101	3050	17	104	1816	1.24	106	0.47	103	-0.01	101	109	105	106	
2026																													

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	Weaner 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 Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling	Nr measured	
ID																																		Comp.nr	Birth
BBM 070013 64688146	JRB 000116 JRB 980021	96	117	80	81	84	90	104	112	93	112	115	99	102	124	117	80	88	113	106	111	106	86	105	72	100	95	110	112	117	90	97	38	34	
		89	89	79	77	57	73	86	49	68	39	43	1.05	-1.8	57	24.0	-2.5	44	36.8	101	63	-46	-0.45	16.0	6.8	-0.6	28.7	5	24.6	2.34	-1.52	-0.34	8	29	
BBM 070043 64687932	JRB 000116 BBM 030082	91	103	109	125	103	112	112	82	105	85	84	94	74	79	103	109	125	97	84	74	91	95	93	115	96	102	103	95	97	83	89	74	52	
		93	92	86	86	65	78	90	50	72	42	2	1.65	1.9	-9	16.5	6.4	134	22.5	20	-27	-22	0.05	8.4	-17.8	0.2	33.2	-1	9.3	0.39	-2.56	-0.95	18	63	
BBM 090009 68480284	JRB 000116 JRB 030026	84	106	105	108	114	110	105	98	107	96	85	88	76	91	106	105	116	96	103	88	127	98	117	111	119	95	102	98	101	111	100	133	108	
		95	95	87	88	70	81	93	59	77	53	3	2.27	1.7	8	18.3	5.1	112	22.7	-15.4	-3.9	28.9	-2	11.7	0.81	1.84	-0.04	-2	11.7	0.81	1.84	-0.04	10	28	
BBM 120122 76071307	 FCT 080118  BBM 100027	110	96	64	125	117	98	88	93	96	80	73	108	98	81	96	64	73	94	94	95	104	105	110	112	119	103	75	69	96	75	89	290	247	
		98	98	96	96	94	89	97	94	90	96	-13	0.10	-1.4	-6	12.8	-7.2	8	19.3	57	24	-44	0.61	18.5	-15.8	-3.9	33.6	-23	-13.4	0.24	-3.92	-0.96	84	60	
BBM 130214 79034195	FCT 090175 BBM 070080	91	124	74	80	105	103	109	116	105	124	121	90	106	125	124	74	88	125	109	104	126	74	89	113	100	104	123	118	120	102	121	38	38	
		88	91	77	70	62	74	85	52	70	44	52	1.98	-2.4	59	27.8	-4.4	45	47.7	115	45	-80	-1.09	6.3	-16.3	-0.6	34.5	15	29.2	2.72	0.44	1.68	11	8	
BBM 150051 81629297	 FCT 090175  JRB 020119	108	92	95	110	81	85	91	89	83	84	79	109	97	89	92	95	94	84	94	81	135	104	88	84	94	92	89	84	81	113	127	224	166	
		97	98	94	94	92	88	97	92	89	90	-5	0.05	-1.1	5	10.5	2.3	59	10.6	58	-10	-94	0.52	5.3	0.1	0.5	27.3	-12	-0.2	-1.20	2.05	2.25	63	20	
BBM 160080 84621754	BBM 120304 SJP 120336	100	116	99	85	106	115	115	97	112	111	114	98	110	117	116	99	105	110	96	91	109	119	98	107	93	123	99	102	117	105	109	37	36	
		87	89	69	71	50	70	83	49	66	25	42	1.14	-3.0	47	23.8	3.5	86	34.1	62	15	-51	1.40	11.6	-13.4	0.7	45.7	-4	15.4	2.41	0.84	0.69	18	6	
BBM 170091 85514933	 BBM 130212  BBM 050051	92	100	90	95	107	92	88	97	92	107	105	96	90	104	100	90	90	100	92	93	92	84	90	114	105	96	93	94	122	104	92	27	22	
		93	92	88	88	86	83	91	87	84	84	31	1.39	-0.2	28	15.1	0.8	49	25.2	49	19	-24	-0.54	6.6	-17.3	-1.5	29.3	-9	8.3	2.85	0.66	-0.72	12	2	
BBM 170165 86221785	 BBM 130214  BBM 120149	101	110	88	93	89	95	103	103	96	98	109	100	107	108	110	88	95	108	103	93	134	75	78	88	90	110	122	103	113	91	110	76	64	
		96	97	95	95	94	88	96	94	89	93	35	1.02	-2.5	33	20.1	-0.1	60	32.0	92	19	-93	-1.07	-0.1	-2.1	1.2	38.1	14	16.2	2.00	-1.35	0.80	13	12	
FCT 090175 69616597	 FCT 070079  FCT 050109	93	108	78	105	92	89	97	103	90	92	93	90	111	95	108	78	91	103	103	90	143	91	88	91	96	107	85	89	94	104	107	201	196	
		99	98	97	97	94	89	98	93	90	91	14	2.07	-3.0	14	19.0	-3.1	51	27.5	89	12	-108	-0.17	5.7	-4.1	0.1	36.2	-15	3.5	0.06	0.65	0.52	80	65	
GHS 170059 86284536	BBM 070043 GHS 090051	91	119	91	108	95	111	120	97	108	95	91	87	100	9	119	91	116	116	94	152	106	115	113	95	96	109	116	110	96	93	89	9	8	
		78	77	61	62	44	61	72	28	54	23	60	82	69	9	25.4	0.9	112	38.8	56	161	-47	1.15	20.5	-6.0	0.2	37.4	10	22.6	0.30	-1.00	-0.98	2	2	
GHS 190047 90070764	OLI 130254 GHS 160101	92	102	112	98	103	103	103	94	101	95	103	91	96	100	102	112	112	107	96	100	104	84	101	99	111	96	104	97	105	89	88	11	7	
		75	76	51	51	38	57	68	26	51	20	28	1.89	-1.0	22	15.8	7.4	102	31.6	65	36	-43	-0.55	13.5	-8.3	-2.5	29.2	0	11.4	1.15	-1.76	-1.04			
GHS 190107 90071010	WWP 140129 GHS 120134	86	106	79	102	104	90	92	86	87	94	87	82	98	98	106	79	89	104	83	102	78	127	87	99	100	116	72	72	95	125	111	12	11	
		78	80	59	57	42	61	73	28	54	34	6	2.83	-1.3	18	18.1	-2.7	46	28.6	15	40	-1	1.83	4.8	-8.2	-0.5	41.7	-25	-11.4	0.22	4.03	0.84			
GHS 190138 90071200	 BBM 090009  GHS 110047	83	97	113	102	103	96	95	88	93	85	89	91	71	95	97	113	111	94	90	111	97	109	105	92	106	111	96	84	76	101	84	4	4	
		90	90	88	88	87	82	89	86	83	86	8	1.96	2.3	15	13.5	7.7	101	20.0	40	63	-32	0.81	15.7	-4.7	-1.7	38.3	-6	-0.1	-1.68	0.18	-1.37			

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	Weaner 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 Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling	Nr measured	
ID Comp.nr																																		Birth	Wean
GHS 200034 91203158		OLI 130254 GHS 160093	113	97	105	105	100	106	104	91	102	86	92	108	118	93	97	105	105	102	89	131	104	77	118	101	99	104	98	95	95	97	99	5	5
			90	90	87	87	86	81	89	86	82	85	13	0.13	-4.0	11	13.2	5.1	86	27.0	36	110	-43	-0.95	23.4	-9.9	-0.4	34.2	-5	9.0	0.20	-0.41	-0.15		
GHS 200071 91399204		LFR 140104 GHS 150140	109	90	85	128	125	108	92	108	108	94	72	105	103	77	90	85	89	91	105	89	104	106	92	108	120	119	83	89	86	131	108	18	15
			91	90	85	85	84	81	89	83	81	83	-14	0.47	-2.0	-12	9.8	-0.9	47	17.4	97	10	-43	0.66	8.2	-13.9	-4.1	43.1	-17	3.8	-0.69	4.99	0.64		
GHS 210113 93826295		WWP 140129 GHS 150148	77	106	75	104	120	93	87	86	89	95	88	76	80	96	106	75	86	101	86	97	91	122	88	112	117	110	76	84	111	127	109	25	12
			92	91	87	87	86	82	90	85	83	85	8	3.48	1.1	16	18.4	-4.0	40	25.5	27	29	-22	1.55	5.4	-15.9	-3.5	37.8	-22	-0.8	1.79	4.36	0.72		
JRB 060046 63095285		JRB 010075 JRB 950086	103	90	95	95	116	93	81	79	89	86	93	102	104	104	90	95	85	96	82	109	83	111	99	112	130	83	95	88	96	93	96	44	39
			87	89	71	69	59	71	83	40	65	34	13	0.77	-2.1	28	9.6	2.2	36	21.6	10	59	-9	0.94	12.1	-15.8	-5.8	21.5	-7	3.0	0.27	-1.11	-0.38	3	8
JRB 060096 63575872		JRB 010025 JRB 950042	88	94	117	97	106	97	93	91	95	90	92	96	78	100	94	117	109	96	90	98	93	101	96	103	110	105	101	81	83	97	102	72	64
			92	93	83	82	65	78	90	48	72	36	12	1.43	1.3	22	11.8	8.9	95	21.7	40	31	-25	0.39	10.2	-10.6	-2.3	34.9	-2	-3.0	-1.02	-0.41	0.14	11	46
KBS 130133 78579992		CEF 100304 WJK 090010	89	105	92	115	77	86	102	91	85	88	87	89	86	86	105	92	105	99	90	95	86	135	76	89	87	81	73	78	94	93	87	22	15
			84	83	71	70	59	69	79	58	67	68	5	2.15	0.3	1	17.5	1.1	86	24.0	42	24	-14	2.28	-1.5	-2.7	1.8	20.1	-25	-5.5	0.07	-1.03	-1.16	3	9
LFR 140104 80543176		HJL 070124 LFR 110015	106	98	99	123	107	111	106	115	113	111	73	109	86	81	98	99	109	99	113	94	101	104	103	109	97	111	88	97	105	120	114	20	15
			86	85	76	77	57	71	82	56	68	54	-13	0.07	0.4	-6	14.1	3.4	95	24.4	130	21	-39	0.53	14.4	-14.2	0.0	38.6	-12	10.5	1.20	3.24	1.14	9	16
OLI 120135 75722561		BBN 060139 BBN 040034	89	91	113	111	124	106	92	91	102	85	88	91	81	87	91	113	110	99	89	102	83	82	106	147	118	79	104	79	100	82	104	54	42
			88	90	73	71	54	72	84	47	67	36	7	1.93	1.0	3	9.9	7.7	98	24.1	38	40	-9	-0.68	16.5	-35.7	-3.7	19.0	0	-5.0	0.72	-2.74	0.25	6	13
OLI 120411 76398585		JRB 070013 BBN 050133	115	88	98	126	81	92	96	82	88	86	78	116	94	78	88	98	99	89	83	112	86	122	90	82	96	86	83	83	93	121	104	9	7
			80	79	69	68	50	65	76	44	61	58	-6	-0.70	-0.8	-10	8.7	3.2	72	15.0	14	65	-13	1.54	6.9	1.1	0.1	23.2	-17	-1.1	-0.05	3.38	0.31	3	7
OLI 130254 78707270		JRB 100004 BBN 080112	105	92	107	102	112	104	94	103	103	92	99	105	129	95	92	107	101	104	101	128	111	65	120	106	122	93	103	97	94	96	105	31	27
			87	87	72	71	51	70	82	42	64	32	22	0.46	-5.5	15	10.7	5.9	76	28.7	84	104	-55	-1.63	24.8	-12.7	-4.4	27.9	-1	11.4	0.05	-0.57	0.33	8	14
OLI 130264 78707361		BBN 090294 BBN 050063	74	121	114	87	97	108	117	114	110	113	117	82	76	113	121	114	122	118	109	119	104	101	95	103	107	77	110	118	110	104	97	30	23
			86	86	74	76	53	70	83	44	65	34	47	2.83	1.7	41	26.0	8.0	127	41.0	113	59	-43	0.36	10.0	-10.8	-1.8	18.2	5	29.6	1.72	0.66	-0.32	8	14
OUH 160021 83512988		OUH 130042 OUH 130103	94	98	104	102	90	90	94	76	85	85	90	99	83	96	98	104	103	100	74	103	75	111	105	101	85	101	69	74	108	100	109	27	19
			84	83	64	63	48	65	77	35	59	41	10	1.08	0.8	16	13.7	4.9	81	24.7	-17	43	5	0.93	15.6	-9.9	2.1	32.7	-28	-9.4	1.48	-0.01	0.68	4	6
WWP 140129 79332300		BBM 100026 JMP 110197	96	97	79	107	105	87	85	84	84	98	91	93	101	93	97	79	82	102	83	98	77	137	95	102	111	96	68	70	99	143	118	160	110
			98	98	96	96	95	89	97	94	90	95	11	1.69	-1.8	11	13.2	-2.8	30	26.7	15	30	2	2.39	9.5	-10.0	-2.5	29.4	-29	-12.9	0.59	6.91	1.51	22	37
WWP 150106 81367963		BBM 100026 WWP 130100	99	92	69	103	119	84	71	80	81	89	97	104	90	97	92	69	66	90	85	98	91	133	95	118	118	101	81	77	84	122	111	102	86
			97	97	95	96	95	88	97	94	89	95	19	0.61	-0.2	17	10.5	-5.9	-8	16.4	23	30	-21	2.14	9.7	-19.3	-3.8	32.2	-18	-6.6	-0.92	3.55	0.88	11	13

Growth Tests

Animal					Weight		Conformation				Growth & Efficiency					Carcass			
Test Code	Sex	Test number	Sire ID	Cow	Wean	End-	Length	Height	Length/	Scrotum	Intake	ADG	FCR	Veld	Growth	EMA	Fat	Marbling	Carcass
Test Station		ID	Dam ID	Value	dir	wt			Height					Growth	Value	Eye muscle			Value
201801 D11 M POGGENPOEL MOLOPO BONSMARAS		0671160BON BBM 170165 86221785	BBM 130214 BBM 120149	95	110	98	103	122	70	78	137	103	134	93	103	113	91	110	98
				88	97	24	16	14	1.07	-0.1	-0.24	92	-93	19	94	2.00	-1.35	0.80	93
202301 D11 M POGGENPOEL MOLOPO BONSMARAS		0671160BON BBM 220243 94550373	BBM 160080 BBM 190303	122	117	95	97	91	111	93	141	97	129	93	99	108	111	117	104
				78	87	22	11	-10	1.19	8.6	-0.32	68	-84	18	84	1.46	1.79	1.42	81
202301 D11 M SAUNDERS BONSMARAS 2		0696159BON CJS 220027 93687648	BBM 120122 WWP 140160	99	104	100	86	88	99	120	106	101	105	105	106	109	91	99	101
				59	72	26	1	-12	1.15	24.6	0.31	83	-46	47	43	1.60	-1.43	-0.11	53
							64	70	67	72	18	63	18	22		52	54	52	

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	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	
				EBV Acc																																
				Sire ID Dam ID																																
BBM 150051	81629297			FCT 090175 JRB 020119	108	92	95	110	81	85	91	89	83	84	79	109	97	89	92	95	94	84	94	81	135	104	88	84	94	92	89	84	81	113	127	
					97	98	94	94	92	88	97	92	89	90	-5	0.05	-1.1	5	10.5	2.3	59	10.6	58	-10	-94	0.5	5.3	0.1	0.5	27.3	-12	0	-1.20	2.05	2.25	
															94	98	95	94	98	94	95	96	95	90	89	97	97	91	89	95	96	95	90	90	90	
BBM 170165	86221785	2		BBM 130214 BBM 120149	101	110	88	93	89	95	103	103	96	98	109	100	107	108	110	88	95	108	103	93	134	75	78	88	90	110	122	103	113	91	110	
					96	97	95	95	94	88	96	94	89	93	35	1.02	-2.5	33	20.1	-0.1	60	32.0	92	19	-93	-1.1	-0.1	-2.1	1.2	38.1	14	16	2.00	-1.35	0.80	
															95	97	95	95	97	95	96	96	94	93	93	96	95	94	93	95	95	93	93	93		
GHS 200071	91399204	2		LFR 140104 GHS 150140	109	90	85	128	125	108	92	108	108	94	72	105	103	77	90	85	89	91	105	89	104	106	92	108	120	119	83	89	86	131	108	
					91	90	85	85	84	81	89	83	81	83	-14	0.47	-2.0	-12	9.8	-0.9	47	17.4	97	10	-43	0.7	8.2	-13.9	-4.1	43.1	-17	4	-0.69	4.99	0.64	
															85	92	87	85	90	85	87	87	84	83	82	84	84	83	82	86	84	84	83	83	83	
GHS 210113	93826295	4		WWP 140129 GHS 150148	77	106	75	104	120	93	87	86	89	95	88	76	80	96	106	75	86	101	86	97	91	122	88	112	117	110	76	84	111	127	109	
					92	91	87	87	86	82	90	85	83	85	8	3.48	1.1	16	18.4	-4.0	40	25.5	27	29	-22	1.5	5.4	-15.9	-3.5	37.8	-22	-1	1.79	4.36	0.72	
															87	93	89	87	91	87	88	89	86	85	84	86	86	85	84	88	86	86	85	85	85	
BBM 220243	94550373	5		BBM 160080 BBM 190303	99	117	99	93	115	122	117	99	118	104	107	98	106	106	117	99	111	110	97	93	129	101	93	111	105	120	91	97	108	111	117	
					87	87	84	84	82	78	86	84	79	81	33	1.23	-2.3	31	23.9	3.3	99	34.3	68	18	-84	0.4	8.6	-15.1	-1.5	43.7	-10	11	1.46	1.79	1.42	
															84	88	85	84	87	84	85	86	85	81	81	88	87	82	81	84	87	85	81	81	81	
CJS 220027	93687648	1		BBM 120122 WWP 140160	102	104	79	100	110	99	93	106	100	101	93	104	96	100	104	79	86	108	101	105	105	89	120	105	112	105	88	86	109	91	99	
					72	72	61	60	47	59	68	43	56	53	14	0.52	-1.1	22	17.2	-2.7	39	31.8	83	47	-46	-0.3	24.6	-12.0	-2.8	34.9	-12	1	1.60	-1.43	-0.11	
															60	75	65	60	72	61	64	66	63	22	18	76	72	49	32	59	70	64	52	54	52	
GHS 220003	93826469			WWP 140129 GHS 120134	79	114	98	93	103	101	107	101	101	109	101	75	116	106	114	98	108	108	97	106	89	145	102	94	98	118	93	94	112	121	110	
					89	89	87	87	85	81	88	84	82	85	25	3.55	-3.8	31	22.6	3.2	93	32.4	69	50	-19	2.8	14.1	-5.9	-0.1	43.0	-9	8	1.91	3.33	0.75	
															87	90	88	87	89	87	88	89	85	84	84	86	86	85	84	87	86	85	85	85	85	
GHS 230003	95819926	2		BBM 170165 GHS 150117	81	110	110	92	106	106	107	99	104	97	104	82	91	107	110	110	114	106	101	89	123	87	93	102	103	112	116	102	104	97	105	
					69	68	53	53	37	53	63	30	48	30	28	2.90	-0.4	32	20.5	6.8	107	30.6	85	10	-74	-0.4	8.7	-10.3	-1.0	39.1	10	16	1.13	-0.41	0.39	
															52	73	59	53	68	53	58	68	44	25	14	50	49	37	22	52	48	44	28	31	28	
GHS 230021	95820031	3		WWP 140129 GHS 160105	93	98	111	96	118	107	97	90	103	98	100	92	100	102	98	111	106	105	87	94	80	123	92	97	123	117	82	80	101	123	101	
					89	89	87	87	85	81	88	84	82	85	23	1.82	-1.5	25	13.8	7.0	88	29.7	30	20	-3	1.6	7.9	-7.3	-4.6	41.9	-17	-4	0.75	3.66	-0.01	
															86	89	88	87	89	87	88	89	85	84	84	86	86	85	84	87	86	85	85	85	85	
GHS 230025	97465025	1		OUH 160021 GHS 160103	91	108	101	98	91	98	106	82	93	89	97	91	93	100	108	101	109	104	84	98	86	104	100	97	83	114	92	90	100	96	103	
					66	67	52	48	35	52	62	23	46	24	19	1.90	-0.7	23	19.5	4.0	94	29.0	19	32	-13	0.6	12.8	-7.5	2.5	40.1	-9	4	0.66	-0.51	0.21	
															48	70	56	48	67	52	56	68	29	20	15	33	32	32	20	52	32	29	23	25	23	
GHS 230045	95820064	1		BBM 170165 GHS 200078	104	98	98	99	104	99	96	94	97	89	101	100	109	100	98	98	96	106	93	152	115	101	88	100	103	109	106	92	99	114	111	
					67	68	51	52	34	52	63	28	47	30	25	0.98	-2.8	22	13.9	3.0	64	30.0	54	161	-61	0.4	5.7	-9.3	-1.1	37.5	1	6	0.56	2.28	0.91	
															50	72	58	52	68	51	57	69	41	13	12	48	46	34	18	50	45	42	29	32	29	
GHS 230060	97481212	1		WWP 150106 GHS 180084	101	96	80	106	112	93	84	85	89	89	95	103	94	93	96	80	81	92	88	88	89	129	89	109	113	104	83	80	87	110	100	
					68	68	50	52	36	53	63	26	48	36	16	0.69	-0.8	12	12.5	-2.4	29	17.6	32	8	-18	1.9	6.2	-14.0	-2.8	34.4	-17	-4	-0.64	1.58	-0.02	
															50	73	58	52	68	50	57	65	36	17	15	43	41	35	21	52	40	36	34	38	34	

Breeding Values and Accuracies: Bulls

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Animal				Selection Value										Birth			Wean				Growth & Adaptation					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 -brth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean wt	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
GHS 230061	96437280	1	BBM 170165 GHS 200056		94 67	108 67	88 48	99 51	103 32	99 51	100 61	101 28	99 46	99 30	100 23	94 1.65	98 -1.3	100 22	108 19.1	88 0.0	97 66	101 25.8	103 90	132 113	121 -70	97 0.2	92 7.8	99 -8.3	99 -0.3	112 39.2	113 8	103 16	104 1.08	101 0.22	109 0.69
GHS 230073	97465090		WWP 150106 GHS 190070		89 68	97 68	86 52	102 52	108 33	88 52	83 63	88 26	86 47	92 36	95 16	94 1.56	81 1.0	97 17	97 13.5	86 -0.5	87 42	93 18.5	91 47	119 81	94 -27	128 1.9	91 7.4	106 -12.6	105 -1.4	107 36.0	89 -12	88 3	90 -0.29	109 1.46	99 -0.13
GHS 230096	97465298		WWP 150106 GHS 190094		87 66	103 67	88 48	93 50	118 30	96 50	88 61	83 22	92 44	93 32	108 35	90 2.05	91 -0.3	107 32	103 16.5	88 0.0	89 48	96 21.8	89 37	91 15	90 -19	113 1.1	101 13.5	112 -16.1	116 -3.3	106 35.6	94 -8	90 5	96 0.31	105 0.84	111 0.85
GHS 230112	96436860		BBM 150051 GHS 190061		109 66	94 66	96 54	101 53	96 36	93 52	92 62	92 28	91 47	101 28	97 19	109 0.06	105 -2.3	98 19	94 11.8	96 2.4	92 54	86 12.5	97 66	49 -87	105 -44	110 0.9	91 7.1	92 -4.8	96 0.1	108 36.9	94 -8	93 8	90 -0.27	117 2.77	118 1.46
GHS 230115	96795109	1	BBM 150051 GHS 210008		103 91	99 91	90 89	111 89	87 87	91 83	97 90	92 88	89 84	88 87	85 4	100 0.98	102 -1.9	88 5	99 14.2	90 0.5	96 63	91 17.0	95 59	79 -16	113 -58	129 2.0	88 5.3	91 -3.9	91 1.1	103 33.7	84 -16	81 -3	84 -0.95	111 1.83	110 0.81
GHS 230125	96437595		BBM 170091 GHS 190058		90 63	90 63	96 44	99 44	109 27	85 47	78 57	84 24	82 42	91 12	101 25	94 1.60	86 0.3	99 21	90 9.5	96 2.5	88 43	87 13.7	85 22	91 -13	86 0.3	99 0.3	94 9.5	109 -14.0	103 -1.1	106 35.7	93 -9	87 2	101 0.80	100 0.00	88 -1.06
GHS 230127	96437611	1	WWP 150106 GHS 170113		84 88	107 89	96 86	91 86	101 85	93 80	96 88	102 84	94 81	104 84	111 39	88 2.20	86 0.2	110 36	107 18.9	96 2.5	98 70	108 32.0	103 90	98 31	98 -33	118 1.3	97 11.1	98 -8.2	104 -1.3	101 32.2	93 -9	97 11	96 0.32	123 3.69	84 -1.42
GHS 230130	96795125	7	WWP 150106 GHS 170058		77 69	108 69	99 54	83 53	105 38	91 54	93 64	92 27	89 49	100 35	120 50	85 2.51	82 0.9	120 51	108 19.0	99 3.3	96 63	104 28.4	99 74	86 2	106 -47	120 1.4	106 16.1	100 -9.3	107 -1.9	101 32.7	103 -1	99 13	97 0.38	109 1.51	104 0.30
GHS 240005	97465207		WWP 140129 GHS 190111		85 68	93 67	98 51	107 54	109 36	89 53	84 63	94 27	88 48	98 34	89 9	88 2.23	80 1.0	91 9	93 11.0	98 3.1	96 63	99 24.2	92 48	110 60	88 -17	120 1.4	99 12.0	104 -11.4	106 -1.6	109 37.1	83 -17	84 0	95 0.21	129 4.71	110 0.81
GHS 240035	97605562	1	BBM 170165 GHS 200024		83 88	117 88	90 86	89 86	106 84	102 80	105 87	98 84	101 81	101 84	105 31	85 2.53	92 -0.5	112 40	117 24.0	90 0.5	100 74	115 38.6	96 64	103 42	106 -47	77 -0.9	86 4.4	96 -6.9	103 -1.1	120 43.6	110 5	102 16	122 2.85	91 -1.35	130 2.50
GHS 240047	97605570	1	WWP 150106 GHS 210001		91 67	96 68	91 51	106 52	116 33	95 52	86 63	92 26	93 47	99 34	90 11	94 1.56	83 0.7	93 11	96 12.7	91 0.9	92 52	92 18.1	96 65	97 29	92 -23	122 1.5	99 12.4	115 -17.7	109 -2.2	109 37.3	94 -8	92 6	94 0.06	117 2.76	108 0.59
GHS 240053	98255243	2	WWP 150106 GHS 210007		91 67	95 68	93 50	105 52	123 35	99 52	86 63	91 26	96 47	96 33	90 10	92 1.77	89 -0.1	94 13	95 12.1	93 1.7	92 55	94 19.3	93 52	84 -3	89 -19	117 1.3	99 12.4	123 -22.1	118 -3.7	106 35.6	97 -5	87 2	89 -0.42	110 1.70	112 0.93

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Animal				Selection Value										Birth			Wean				Growth & Adaptation					Fertility				Frame		Carcass				
ID	Animal no	% Inbreeding	Genomic Parentage	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 -brth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean wt	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
				Sire ID	Dam ID																															
GHS 240058	98942832	2	WWP 150106	150106		82	104	93	95	115	97	92	100	97	100	104	87	83	104	104	93	96	104	100	103	101	121	102	111	112	108	99	95	88	111	114
						67	67	49	51	33	51	62	25	46	33	29	2.33	0.7	28	17.2	1.7	64	28.5	79	43	-39	1.5	13.8	-15.4	-2.7	36.8	-4	9	-0.51	1.81	1.09
						48	72			57						51	67	49	51	67	49	56	70	36	16	11	44	42	31	18	51	40	36	31	35	32
GHS 240080	98241854	2	WWP 140129	140129		77	102	90	89	99	80	84	87	79	101	107	82	84	111	102	90	89	106	90	89	83	122	110	96	103	105	94	83	92	136	116
						88	88	86	87	85	80	88	84	81	85	33	2.85	0.5	39	16.3	0.7	46	30.4	41	9	-8	1.6	18.6	-6.6	-1.1	35.1	-8	-2	-0.14	5.79	1.27
						86	89			87						86	88	86	87	88	86	87	89	85	84	84	86	86	85	84	86	85	85	85	85	85
GHS 240086	98844087	1	WWP 150106	150106		124	80	87	112	109	91	77	72	85	84	86	126	104	88	80	87	74	81	76	54	72	120	92	109	103	110	75	73	90	104	105
						67	68	49	52	33	52	62	24	46	34	4	-1.75	-2.1	4	4.3	-0.4	12	8.0	-10	-74	9	1.4	8.1	-14.0	-1.0	37.6	-23	-10	-0.28	0.75	0.38
						50				57						52	68	49	52	68	49	56	70	33	16	11	40	39	31	18	50	37	34	32	35	32
GHS 240100	98241987	5	WWP 140129	140129		78	113	94	105	111	106	107	90	102	95	89	66	75	93	113	94	111	111	90	107	93	124	102	104	111	109	80	82	98	129	109
						69	59	50	51	39	50	58	28	46	35	9	4.58	1.8	12	21.9	1.8	100	34.8	41	53	-26	1.7	14.0	-11.2	-2.5	37.0	-19	-3	0.44	4.69	0.67
						54										54	73	59	51	59	50	53	58	37	26	17	45	43	40	22	55	42	38	33	37	33
GHS 240102	98242001	15	GHS 190107	190107		80	110	95	105	114	106	105	89	102	97	85	74	85	93	110	95	109	101	89	60	87	120	89	107	106	120	82	83	100	115	105
						67	67	50	48	33	51	61	22	45	22	4	3.73	0.4	12	20.4	2.1	95	25.9	39	-62	-15	1.4	6.3	-12.9	-1.7	43.9	-17	-1	0.70	2.47	0.36
						47										47	72	56	48	67	50	55	69	27	25	14	32	31	30	20	49	30	28	22	23	22
GHS 240117	98242118	5	GHS 190107	190107		94	92	100	108	112	95	88	86	92	91	83	93	93	91	92	100	97	94	84	88	80	115	86	100	110	119	82	74	90	110	103
						66	67	48	46	32	50	61	20	44	20	0	1.66	-0.6	8	10.6	3.6	66	19.8	18	7	-3	1.2	4.5	-8.9	-2.3	43.3	-17	-9	-0.34	1.67	0.21
						45	71			54						45	71	54	46	67	48	54	68	25	16	12	29	28	31	18	48	28	25	19	21	19
GHS 240119	98242134	1	WWP 140129	140129		104	101	93	104	107	104	100	93	101	102	94	101	107	94	101	93	98	102	93	99	91	111	100	100	109	107	91	90	103	127	111
						69	69	55	56	36	54	65	26	48	32	16	0.86	-2.5	13	15.6	1.6	69	27.0	52	34	-22	0.9	13.0	-8.9	-2.2	36.2	-10	5	0.98	4.37	0.91
						55	73			61						55	73	61	56	69	55	60	72	35	16	15	44	41	35	19	54	40	36	31	34	31
GHS 240136	98242860		OUH 160021	160021		93	103	105	107	94	101	104	91	98	93	86	98	79	91	103	105	113	101	88	110	91	109	102	90	87	120	78	85	108	108	103
						88	88	85	85	84	79	87	84	80	83	5	1.18	1.3	8	16.7	5.2	105	25.7	35	60	-21	0.8	14.3	-3.4	1.8	44.0	-21	0	1.49	1.29	0.23
																85	89	86	85	88	85	86	88	84	83	83	85	84	84	83	85	84	84	83	83	83
GHS 240137	98242878	2	WWP 150106	150106		91	111	86	89	115	103	99	96	101	105	113	90	103	112	111	86	92	106	99	72	96	107	108	103	116	110	100	98	100	111	113
						68	69	52	52	34	53	64	25	47	33	41	1.97	-1.9	40	20.9	-0.5	55	30.7	77	-31	-30	0.7	17.4	-10.8	-3.5	37.9	-3	12	0.70	1.79	1.01
						50	73			58						50	73	58	52	69	52	58	70	36	15	11	44	42	32	18	51	40	36	31	35	32
GHS 240138	98242886	7	WWP 150106	150106		92	97	86	97	117	92	82	91	90	97	100	95	89	103	97	86	84	94	95	94	101	117	103	111	115	107	98	94	92	113	107
						69	69	54	53	36	54	64	26	48	34	24	1.48	-0.1	26	13.4	-0.5	36	19.9	60	22	-39	1.3	14.6	-15.3	-3.3	36.2	-5	8	-0.08	2.07	0.52
						51	73			59						51	73	59	53	69	54	59	70	37	25	13	44	42	33	20	54	41	37	33	36	33
GHS 250012	99223661	14	GHS 210113	210113		88	96	68	108	119	84	75			85	84	86	91	92	96	68	72	96	76	112	79	113	80	109	120	107	71	73	94	123	100
						64	64	43	45	27	47	58			23	2	2.39	-0.4	10	12.8	-6.2	5	21.7	-10	66	-2	1.1	0.6	-14.4	-4.1	35.9	-26	-10	0.12	3.66	-0.05
						44	70			52						44	70	52	45	64	43	51	48	24	15	11	29	28	25	14	42	27	24	22	24	22
GHS 250016	99694044	14	GHS 210113	210113		76	105	89	98	105	88	90			97	95	75	78	101	105	89	95	105	90	92	88	130	89	96	104	113	89	83	104	121	110
						62	62	40	43	26	45	56			23	17	3.61	1.3	24	17.8	0.3	61	29.0	43	17	-17	2.0	6.2	-7.0	-1.2	39.5	-12	-1	1.09	3.35	0.83
						42										42	68	50	43	62	40	48	43	24	15	11	29	28	25	14	40	27	24	22	24	22

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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
GHS 250017	99287153	14		GHS 210113	GHS 220042		95	101	82	102	118	98	90	86	94	92	93	92	102	97	101	82	87	98	84	119	88	129	96	107	118	108	76	81	98	127	102
							65	53	40	40	30	43	51	20	38	24	13	1.77	-1.8	18	15.3	-1.7	41	23.5	20	82	-17	1.9	10.3	-13.0	-3.7	36.5	-22	-3	0.46	4.35	0.13
																	40	71	51	40	53	40	44	50	26	16	13	31	30	31	16	42	29	26	23	26	24
GHS 250019	99287161	3		GHS 200071	GHS 220029		101	95	85	106	127	103	88	102	102	94	89	99	102	93	95	85	86	96	104	98	106	108	107	116	123	111	93	90	81	124	112
							64	53	38	37	28	42	50	20	38	22	9	1.12	-1.9	11	12.5	-0.9	40	21.0	95	31	-46	0.8	16.8	-18.5	-4.6	38.6	-9	4	-1.24	3.80	0.95
																	36	70	49	37	53	38	43	48	26	17	13	32	30	28	16	39	29	27	22	23	22
GHS 250020	99287179	3		GHS 200071	GHS 220077		103	91	95	128	103	99	95	96	97	85	73	101	91	77	91	95	100	88	97	86	113	104	98	98	99	113	90	89	86	111	106
							64	65	43	44	30	48	58	23	43	22	-13	0.83	-0.4	-12	10.0	2.3	74	14.3	67	2	-58	0.6	11.8	-8.1	-0.3	39.6	-11	4	-0.75	1.78	0.46
																	42	70	52	44	65	43	51	49	31	20	13	35	34	31	18	42	33	32	21	22	21
GHS 250021	99287187	15		GHS 210113	GHS 220037		86	102	89	100	105	90	90	95	90	101	95	87	90	99	102	89	93	103	94	109	91	127	94	100	100	114	81	86	103	137	118
							65	65	43	44	30	48	58	20	42	24	17	2.34	-0.2	20	16.0	0.2	56	28.0	55	58	-22	1.8	9.4	-8.8	-0.6	40.3	-19	1	1.00	5.88	1.46
																	44	71	52	44	65	43	51	50	26	16	12	31	30	31	16	43	29	26	23	26	23
GHS 250026	99287211	2		GHS 200071	GHS 220066		90	113	82	98	119	108	102	113	109	112	99	88	99	102	113	82	96	115	112	108	108	114	115	113	113	112	92	101	101	132	111
							64	65	43	44	29	48	58	20	42	22	22	2.26	-1.4	25	21.9	-1.8	63	38.3	123	56	-49	1.1	21.9	-16.3	-2.9	39.1	-9	14	0.82	5.09	0.90
																	43	70	52	44	65	43	51	48	25	17	14	30	29	30	16	42	28	26	21	23	21
GHS 250027	99287229	2		GHS 210113	GHS 220017		79	105	87	110	110	95	95			84	86	75	79	90	105	87	99	100	82	102	88	125	100	105	108	109	88	86	98	109	96
							64	50	36	36	26	41	48			18	5	3.57	1.3	7	17.9	-0.4	71	24.7	12	42	-17	1.7	12.6	-11.9	-2.0	37.5	-13	1	0.47	1.53	-0.35
																	36	70	49	36	50	36	41	47	21	15	10	24	24	25	14	38	23	21	17	19	17
GHS 250034	99391534	2		BBM 150051	GHS 210036		120	86	95	112	95	93	90	90	90	86	85	114	118	88	86	95	89	87	93	98	116	97	96	94	102	97	90	85	86	111	115
							68	58	50	49	39	50	57	31	46	30	3	-0.53	-4.0	4	7.6	2.2	46	13.4	51	30	-63	0.2	10.6	-5.7	-1.0	30.2	-11	0	-0.76	1.78	1.23
																	49	73	58	49	58	50	52	58	49	25	12	53	52	41	24	51	51	49	29	31	29
GHS 250036	99391542	1		BBM 150051	GHS 170128		118	85	100	111	90	91	89	86	88	86	85	117	105	88	85	100	92	79	91	86	110	110	96	90	96	99	88	85	86	111	117
							69	56	54	55	37	50	57	31	46	32	3	-0.85	-2.3	5	7.2	3.7	54	6.2	46	1	-54	0.9	10.1	-3.2	0.1	31.2	-13	1	-0.70	1.73	1.39
																	54	73	60	55	56	54	55	54	48	25	12	52	51	38	22	51	50	48	30	33	30
GHS 250037	99391559	1		BBM 150051	GHS 180024		99	100	99	115	91	97	102	96	96	93	78	101	88	86	100	99	107	93	99	92	118	102	94	95	93	101	98	95	91	110	115
							69	60	54	55	40	52	60	33	48	32	-6	0.91	0.1	1	14.7	3.4	91	18.4	77	16	-67	0.5	9.1	-6.4	0.7	32.3	-4	9	-0.21	1.68	1.25
																	55	73	60	55	60	54	56	59	49	27	15	53	52	42	25	52	51	49	30	33	30
GHS 250039	99391567	2		BBM 150051	GHS 210093		106	91	105	102	97	94	91	93	92	91	89	108	96	96	91	105	98	85	98	93	122	102	99	96	101	97	98	94	90	108	114
							69	59	53	50	39	51	58	32	47	31	8	0.11	-1.1	16	10.2	5.2	69	11.6	70	18	-74	0.4	12.1	-6.9	-0.8	30.0	-5	8	-0.30	1.28	1.11
																	50	73	58	50	59	53	54	58	50	33	14	53	52	40	24	52	52	50	30	32	30
GHS 250043	99391583	1		BBM 150051	GHS 180139		102	92	95	110	96	90	90	88	88	90	83	102	96	89	92	95	94	86	91	79	108	111	93	97	101	95	87	85	90	119	119
							69	60	55	55	38	52	60	31	48	32	1	0.77	-1.1	6	10.7	2.3	60	12.1	47	-15	-50	0.9	8.6	-7.3	-0.8	28.8	-13	0	-0.31	3.03	1.58
																	55	73	61	55	60	55	57	58	48	26	12	51	51	39	23	52	50	48	31	33	31
GHS 250045	99940892	7		GHS 210113	GHS 220022		83	103	86	104	125	100	90			93	92	84	84	95	103	86	93	100	90	99	93	110	87	118	120	110	84	86	99	120	100
							65	53	39	39	27	43	51			24	12	2.63	0.5	15	16.7	-0.7	57	25.4	43	32	-25	0.9	5.0	-19.2	-4.1	37.9	-16	1	0.62	3.17	-0.04
																	38	71	51	39	53	39	44	50	26	15	10	31	30	25	15	40	29	26	23	25	23

Breeding Values and Accuracies: Bulls

Inbreeding in red is high

Value <80

Value >120

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Animal				Selection Value									Birth			Wean				Growth & Adaptation					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 -brth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean wt	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
GHS 250055	99455529	1	BBM 150051	GHS 210059	94	98	101	98	89	88	93	90	86	87	94	98	90	101	98	101	99	96	93	93	116	107	100	97	89	101	92	88	88	100	114
					68	59	52	48	39	50	58	30	46	30	15	1.18	-0.2	23	14.1	4.0	71	21.3	54	19	-62	0.7	12.8	-7.4	1.3	32.7	-9	3	-0.56	0.05	1.16
															48	73	57	48	59	52	53	58	48	26	12	51	50	41	24	51	50	48	29	31	29
GHS 250056	6020078223	1	BBM 150051	GHS 210086	93	105	107	94	93	98	103	96	97	97	100	97	89	104	105	107	108	99	97	87	115	96	92	92	102	92	101	99	97	106	110
					69	60	53	54	38	51	59	31	47	30	23	1.25	-0.2	29	17.7	5.8	93	24.3	69	5	-61	0.1	8.3	-4.6	-1.0	27.2	-3	12	0.37	0.98	0.75
															48	73	60	54	60	53	56	59	49	26	12	52	51	38	24	52	51	49	28	31	29
GHS 250060	99455537	3	BBM 150051	GHS 210107	88	101	99	107	100	95	97	90	93	90	84	90	83	91	101	99	105	93	95	82	120	106	98	101	107	93	91	88	91	115	117
					69	59	52	51	40	51	58	33	47	32	2	2.06	0.7	9	15.3	3.5	86	18.5	61	-9	-69	0.6	11.3	-9.8	-1.8	27.5	-10	3	-0.25	2.49	1.34
															51	73	59	51	59	52	54	57	50	33	14	53	53	42	25	52	52	50	31	33	31
GHS 250062	99455545	3	BBM 150051	GHS 150117	96	95	114	102	99	99	98	92	96	89	87	98	91	96	95	114	110	90	96	93	124	101	97	101	105	96	98	91	87	108	114
					70	61	57	56	41	53	61	33	49	31	5	1.20	-0.4	15	12.4	7.9	97	16.1	66	20	-77	0.4	11.2	-9.5	-1.4	29.3	-4	6	-0.59	1.30	1.11
															56	74	62	56	61	57	58	58	50	33	14	54	53	42	27	54	52	51	30	32	30
GHS 250063	99455552	3	GHS 200071	GHS 220023	102	98	80	107	110	94	88	95	93	91	90	102	97	93	98	80	84	97	95	96	99	102	100	102	107	114	89	87	91	116	108
					63	65	41	44	29	47	58	20	42	23	10	0.77	-1.2	11	13.9	-2.5	35	22.0	62	27	-35	0.4	12.5	-10.1	-1.7	40.1	-12	2	-0.19	2.57	0.63
															42	70	51	44	65	41	50	48	26	17	13	32	30	29	16	41	29	27	22	24	22
GHS 250067	99462004	2	BBM 150051	GHS 150118	97	97	91	103	85	82	89	88	80	85	89	98	93	95	97	91	91	94	91	94	114	101	88	88	94	98	97	84	79	106	118
					70	61	58	57	41	53	61	32	49	30	9	1.13	-0.7	15	13.1	0.9	52	19.3	45	20	-59	0.4	5.3	-2.3	0.6	30.9	-6	0	-1.41	1.05	1.46
															57	74	62	57	61	58	59	60	49	27	13	52	52	42	26	54	51	49	29	31	29
GHS 250068	99462012		WWP 140129	GHS 190028	86	96	102	103	111	95	90	81	90	94	94	86	89	95	96	102	100	94	84	96	76	122	93	105	111	104	82	82	90	132	108
					65	50	49	53	32	46	52	23	41	31	16	2.47	-0.2	15	12.6	4.5	74	19.3	17	27	2	1.6	8.8	-11.8	-2.5	34.2	-18	-2	-0.30	5.14	0.60
															51	69	57	53	50	49	51	49	30	14	13	38	36	32	17	48	35	31	29	33	29
GHS 250069	99462020	2	BBM 150051	GHS 210124	82	102	99	107	98	92	96	93	90	91	85	85	78	91	102	99	106	95	97	95	123	102	100	95	105	98	97	94	93	108	114
					69	59	52	51	39	51	58	32	47	31	3	2.56	1.4	9	16.1	3.3	88	20.8	68	24	-75	0.4	12.8	-6.3	-1.4	30.4	-6	8	-0.04	1.32	1.11
															50	73	59	51	59	52	54	58	50	33	14	53	52	42	25	51	52	50	30	32	30
GHS 250070	99462038	1	BBM 150051	GHS 200078	130	77	98	118	98	94	85	83	90	83	80	127	118	84	77	98	84	80	86	104	105	114	89	98	105	96	86	79	83	125	120
					69	60	55	56	38	52	60	31	48	32	-3	-1.84	-4.0	-1	2.9	3.1	35	7.3	25	46	-46	1.1	6.4	-7.7	-1.5	29.5	-14	-5	-0.98	3.98	1.64
															54	73	61	56	60	55	57	60	48	26	12	51	51	39	24	52	50	48	31	33	31
GHS 250071	99462046	2	WWP 140129	GHS 170024	97	94	94	96	108	90	84	85	87	90	100	97	98	103	94	94	88	99	88	106	87	116	94	111	110	93	89	80	97	120	105
					70	60	55	56	38	52	60	27	47	33	23	1.30	-1.4	26	11.7	1.9	44	24.0	35	50	-16	1.2	9.5	-15.5	-2.3	27.6	-12	-4	0.38	3.20	0.36
															55	74	62	56	60	55	57	60	36	16	15	44	42	38	21	54	40	36	31	35	31
GHS 250076	99462087	1	WWP 140129	GHS 210011	108	89	89	111	107	92	85	89	90	92	89	104	107	88	89	89	85	97	88	114	89	110	102	100	112	101	83	82	96	126	110
					68	58	50	54	35	49	57	26	44	32	8	0.53	-2.5	5	8.8	0.4	38	22.1	35	70	-18	0.9	14.0	-9.2	-2.7	32.3	-17	-2	0.27	4.22	0.80
															53	72	59	54	58	50	54	57	34	15	14	42	40	36	18	50	39	35	30	34	30
GHS 250083	99694036		BBM 150051	GHS 200040	87	90	108	106	95	84	86	89	83	89	86	90	80	92	90	108	102	82	93	89	111	102	93	96	97	96	96	92	87	104	114
					62	49	43	42	34	43	49	28	40	28	5	1.98	1.1	10	9.9	6.2	79	8.8	54	9	-54	0.4	8.4	-6.8	0.1	29.6	-6	7	-0.65	0.62	1.10
															42	67	51	42	49	43	45	47	45	25	10	48	47	35	21	46	47	46	27	29	27

Breeding Values and Accuracies: Bulls

Inbreeding in red is high

Value <80 Value >120

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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
GHS 250089	99462160	3	BBM 150051 GHS 150148	92	102	103	107	101	101	102	94	99	91	84	93	89	92	102	103	109	93	98	92	123	109	93	100	104	104	94	92	92	109	113			
GHS 250096	99554826		BBM 150051 GHS 200030	97	85	107	106	95	84	82	89	83	89	86	102	85	92	85	107	96	78	93	89	111	102	93	96	97	98	96	92	87	104	114			
GHS 250100	99550899	2	BBM 150051 GHS 200039	112	80	83	114	98	78	72	84	76	84	78	115	94	87	80	83	72	75	88	84	109	110	88	100	101	98	86	81	81	111	115			
GHS 250101	99550907	2	GHS 210113 GHS 200021	96	94	86	111	110	92	86			83	84	95	93	88	94	86	88	93	86	105	90	107	84	109	108	103	90	85	89	110	102			
GHS 250102	6020029325	3	BBM 150051 GHS 210083	99	103	98	118	94	103	107	92	100	92	77	100	89	84	103	98	110	90	97	58	119	100	96	94	98	101	92	89	90	110	112			
GHS 250103	99550915		BBM 150051 GHS 210038	104	88	96	114	98	89	87	87	87	82	82	104	96	86	88	96	92	85	90	107	111	96	92	106	103	89	95	83	84	100	113			
GHS 250104	99550923	3	WWP 140129 GHS 150119	98	93	87	106	99	84	83	83	81	88	89	99	92	93	93	87	85	96	82	96	79	119	89	96	106	99	81	74	90	121	108			
GHS 250106	6020029259		GHS 210028	109	88	95	103	112	95	83			82	95	111	100	95	88	95	86	81	78	95	77	106	93	112	123	79	91	85	78	98	99			
GHS 250108	99550949	2	BBM 150051 GHS 170100	106	92	99	110	92	92	92	85	88	86	86	108	93	89	92	99	98	87	89	75	114	100	94	97	94	102	95	87	87	103	113			
GHS 250113	99567547		GHS 170079	95	87	103	104	112	91	82			83	92	97	88	93	87	103	94	85	85	97	88	96	95	111	125	77	99	91	82	95	101			
GHS 250114	99567554	1	BBM 150051 GHS 210100	98	94	104	102	94	91	92	87	88	85	87	102	88	95	94	104	101	93	89	104	111	106	94	93	99	102	88	83	89	105	115			
GHS 250115	99567562	3	GHS 200071 GHS 220073	117	84	101	133	131	118	95	95	114	87	72	116	98	71	84	101	101	86	93	86	92	98	101	128	120	111	85	81	90	108	101			

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Animal				Selection Value										Birth			Wean				Growth & Adaptation					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 -brth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean wt	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				
																																				Sire ID	Dam ID		
GHS 250117	99567588	25	WWP 140129	140129	99	93	84	104	104	85	82	84	83	95	95	97	103	95	93	84	81	81	93	84	91	77	123	89	102	107	98	78	77	94	142	111			
			GHS 180068		69	59	55	56	36	51	59	26	46	35	17	1.34	-2.0	15	11.1	-1.3	28	56	59	55	57	59	34	16	1	1.6	6.2	-10.4	-1.7	30.5	-21	-7	0.05	6.71	0.91
															56	73	61	56	59	55	57	59	34	16	15	42	40	36	19	52	39	35	33	37	33				
GHS 250126	99707200		BBM 150051	150051	104	91	100	105	95	90	90	93	89	96	92	103	100	93	91	100	95	87	96	76	108	110	91	94	97	104	93	92	86	117	118				
			GHS 190061		66	53	53	53	35	48	55	28	44	28	13	0.64	-1.6	12	10.4	3.6	62	53	53	53	53	52	45	25	10	48	7.2	-5.7	0.0	34.0	-9	7	-0.70	2.79	1.42
															53	70	58	53	53	53	53	52	45	25	10	48	47	36	21	47	47	46	27	29	27				
GHS 250128	99707226		WWP 140129	140129	112	81	95	105	107	87	77	87	85	96	92	110	109	94	81	95	80	81	88	97	81	118	96	105	105	100	85	85	96	126	109				
			GHS 200082		64	47	41	42	32	42	48	23	38	31	13	-0.03	-2.8	13	4.9	2.0	26	42	47	41	43	47	30	14	13	38	10.5	-11.9	-1.4	31.6	-15	0	0.24	4.11	0.73
															42	68	52	42	47	41	43	47	30	14	13	38	36	32	17	46	35	31	29	33	29				
GHS 250133	99707275		GHS 210113	120150	80	98	98	102	108	91	89			95	92	80	86	96	98	98	99	96	89	96	93	114	94	105	108	101	98	94	96	113	104				
			GHS 120150		63	44	39	28	23	37	44			17	12	3.08	0.3	16	14.1	3.1	71	28	44	39	37	21.0	37	26	-26	1.1	9.5	-11.9	-2.1	32.4	-5	9	0.28	2.15	0.27
															28	69	46	28	44	39	37	41	19	13	9	22	22	19	12	38	21	19	16	18	16				
GHS 250136	99712226	1	GHS 200071	230047	88	94	97	119	111	97	92	103	97	94	84	88	83	84	94	97	100	96	100	97	110	103	80	108	104	114	100	92	99	117	109				
			GHS 230047		60	62	38	33	25	43	54	20	38	20	2	2.21	0.7	-2	11.8	2.7	74	32	62	38	44	21.6	80	28	-53	0.5	1.0	-13.8	-1.3	40.4	-3	7	0.57	2.76	0.73
																		33	62	38	44	40	27	16	12	32	31	24	14	38	30	28	19	21	19				
GHS 250139	99707309		BBM 150051	200038	115	80	103	106	95	85	80	89	84	89	86	115	104	92	80	103	88	73	93	89	111	102	93	96	97	97	96	92	87	104	114				
			GHS 200038		62	49	43	42	34	43	49	28	40	28	5	-0.61	-2.1	10	4.1	4.8	44	42	49	43	45	0.6	54	9	-54	0.4	8.4	-6.8	0.1	29.9	-6	7	-0.65	0.62	1.10
															42	67	51	42	49	43	45	47	45	25	10	48	47	35	21	46	47	46	27	29	27				
GHS 250143	99807760		GHS 160103		91	98	100	104	103	95	94			83	95	91	93	94	98	100	102	93	81	85	78	94	88	104	109	92	101	91	82	90	99				
			GHS 160103		59	60	41	37	24	43	54			12	16	1.92	-0.6	13	13.8	3.8	77	37	60	41	46	18.8	7	0	-1	0.0	5.8	-11.3	-2.1	27.3	-2	6	-1.08	-1.57	-0.11
															37	65	47	37	60	41	46	38	18	13	10	21	21	22	15	35	20	18	12	13	12				
GHS 250151	99807844		BBM 150051	210002	69	105	114	86	96	88	94	92	87	95	108	50	59	114	105	114	108	95	96	86	112	102	95	94	96	102	100	98	91	103	114				
			GHS 210002		62	63	48	52	35	49	59	28	45	28	34	6.23	3.9	42	17.6	7.9	93	52	63	48	54	20.4	65	1	-56	0.4	10.0	-5.7	0.1	32.8	-3	12	-0.17	0.60	1.14
															50	67	55	52	63	48	54	47	45	25	10	48	47	35	21	48	47	46	27	29	27				
GHS 250153	99899411		GHS 180017		110	87	101	128	113	107	95			84	76	112	87	77	87	101	102	85	85	93	80	94	91	110	115	97	90	85	83	94	98				
			GHS 180017		59	59	38	36	23	42	52			14	-9	-0.30	0.1	-12	7.9	4.2	78	36	59	38	44	11.3	22	18	-4	0.0	7.2	-15.1	-3.2	30.1	-11	1	-1.02	-0.83	-0.23
															37	65	45	37	60	39	45	36	19	12	11	22	21	23	14	32	21	19	14	15	14				
GHS 250156	99899437		GHS 170058		72	103	118	91	103	95	97			90	108	71	72	107	103	118	113	98	90	70	91	99	98	99	117	85	105	99	90	91	99				
			GHS 170058		59	60	39	37	25	43	53			14	34	4.03	2.2	33	16.5	9.2	106	37	60	39	45	23.3	41	-36	-22	0.3	11.8	-8.4	-3.5	22.6	1	12	-0.32	-1.33	-0.14
															37	65	46	37	60	39	45	38	22	22	11	24	24	24	16	36	23	22	14	15	14				
GHS 250159	99899452	3	GHS 210113	120111	75	113	93	92	108	98	100	86	94	94	100	79	83	107	113	93	102	106	90	105	97	118	94	102	108	106	97	93	104	109	99				
			GHS 120111		68	67	50	47	32	51	62	21	45	21	23	3.22	0.7	33	22.0	1.6	79	47	67	50	55	30.6	43	49	-31	1.3	9.2	-10.4	-2.0	35.4	-5	7	1.09	1.42	-0.13
															46	73	56	47	67	50	55	52	27	19	13	32	31	30	19	47	30	27	20	22	20				
GHS 250162	99899460	2	WWP 150106	190041	80	106	94	99	111	96	95	88	93	93	102	83	81	100	106	94	100	103	92	97	95	109	104	112	106	107	102	94	96	100	104				
			GHS 190041		68	69	52	53	35	53	64	26	48	34	27	2.72	1.0	22	18.2	1.8	74	59	48	28	-29	0.8	15.0	-16.0	-1.6	36.0	-2	8	0.29	0.04	0.25				
															51	73	58	53	69	52	58	59	36	15	12	44	42	35	19	51	41	37	32	35	32				

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	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	
Animal no	%	Parentage	EBV Acc																																		
GHS 260003	2	GHS 200071				83	114	101	95	112	111	109	110	111	103	100	86	88	104	114	101	111	110	107	103	108	103	97	95	114	113	103	108	99	111	98	
99899528		GHS 190103					65	66	45	45	28	48	59	21	43	18	24	2.46	0.1	28	22.5	4.0	101	34.2	106	44	-49	0.5	11.0	-6.3	-3.0	39.5	-1	21	0.60	1.76	-0.20
GHS 260012		GHS 210079				86	90	101	104	102	84	82			77	93	90	80	94	90	101	94	92	75	100	73	98	91	105	110	88	88	77	78	95	105	
99983694						57	58	34	35	21	41	50			12	14	1.98	1.1	13	9.8	3.9	60	17.6	-15	35	8	0.2	7.1	-11.7	-2.4	24.7	-13	-7	-1.47	-0.79	0.37	
GHS 260014		GHS 200024				95	101	101	98	117	106	97			89	97	98	90	100	101	101	102	98	85	107	78	95	91	112	124	90	95	92	90	96	111	
99983710						57	57	34	35	18	40	50			14	19	1.20	-0.3	22	15.3	4.2	78	23.1	24	52	-1	0.1	7.5	-16.1	-4.8	26.0	-7	6	-0.34	-0.63	0.84	
GHS 260015		GHS 190070				77	101	101	100	105	91	92			85	97	81	78	98	101	101	103	92	83	89	76	107	84	104	113	86	91	89	85	91	94	
99983728						58	58	36	36	18	41	51			17	19	2.95	1.3	19	15.4	4.1	81	18.2	14	9	3	0.7	3.0	-11.2	-2.9	23.5	-10	3	-0.80	-1.38	-0.54	
GHS 260016	14	GHS 210113				79	99	85	107	118	90	84			92	87	80	81	92	99	85	89	99	84	109	89	117	95	112	115	109	76	78	102	126	105	
99983736		GHS 200083				65	66	46	46	28	49	60			24	6	3.05	1.0	11	14.2	-0.9	47	23.9	18	57	-18	1.2	9.9	-15.9	-3.2	37.5	-22	-6	0.93	4.12	0.39	

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	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
GHS 110135 74684051	2	BBM 070043 GHS 080087		88 81	113 77	110 81	92 77	92 49	105 67	113 78	90 28	101 59	89 24	105 31	90 2.03	92 -0.5	107 32	113 21.8	110 6.9	116 113	107 31.0	93 53	92 16	104 -44	94 0.0	111 19.3	104 -11.3	83 2.4	106 35.7	112 7	109 22	100 0.71	82 -2.86	93 -0.62
GHS 120111 76228204		JRB 060096 GHS 070003		92 81	97 76	117 79	95 74	95 48	95 66	96 77	80 30	90 59	79 23	94 15	99 1.12	83 0.7	102 25	97 13.1	117 8.8	110 96	96 21.8	87 30	121 88	98 -33	113 1.0	94 9.1	98 -7.8	100 -0.6	96 29.3	108 3	88 3	85 -0.81	90 -1.48	88 -1.07
GHS 120138 76513670		JRB 060096 GHS 040062		87 77	90 75	76 80	83 74	113 45	69 65	62 76	90 24	70 57	84 18	108 35	94 1.64	90 -0.3	121 53	90 9.6	76 -3.6	64 -14	94 19.4	91 43	101 38	95 -28	97 0.2	94 9.2	104 -11.6	120 -4.2	96 29.4	91 -10	79 -5	69 -2.43	107 1.13	104 0.29
GHS 120150 93572006				96 58	85 37	120 53								95 1.55			85 7.0	120 9.9			87 13.1							92 27.0						
GHS 130002 77388767		JRB 060046 GHS 060058		105 78	79 72	87 76	99 72	110 37	76 62	64 74	80 20	73 54	78 18	92 13	105 0.50	103 -1.9	101 23	79 3.6	87 -0.3	69 -2	87 13.3	81 9	139 130	86 -13	104 0.5	92 8.2	111 -15.2	119 -3.9	85 22.8	97 -5	86 1	84 -0.94	93 -1.07	95 -0.47
GHS 140006 84014729				100 62	67 56	87 75	126 67							80 -3	101 0.91	86 0.3	79 -9	67 -2.6	87 -0.3	65 -12	69 -2.5							89 25.2						
GHS 140093 84014786				120 64	75 56	92 75	131 66							72 -14	119 -1.00	101 -1.7	75 -16	75 1.8	92 1.3	81 28	76 3.7							111 38.4						
GHS 150117 82986134	2	BBM 090009 GHS 120107		77 79	102 73	132 74	95 75	117 48	113 64	107 74	95 32	109 58	93 28	95 16	80 3.04	83 0.7	102 25	102 16.0	132 13.6	128 140	98 23.6	98 73	106 50	114 -59	99 0.3	107 17.1	118 -19.1	116 -3.3	99 31.3	108 3	99 12	93 0.02	103 0.54	100 -0.04
GHS 150118 82986142	3	JRB 060096 GHS 090104		91 79	99 76	85 78	97 76	90 47	79 65	85 77	87 28	78 58	86 22	99 23	93 1.69	93 -0.6	102 25	99 14.5	85 -0.7	86 39	101 26.3	88 32	106 51	92 -23	99 0.2	88 5.3	92 -4.7	93 0.7	105 34.6	105 0	84 -1	77 -1.63	100 0.05	109 0.67
GHS 150119 84976547	3	JRB 060096 GHS 090008		90 72	93 68	95 56	105 54	94 41	82 55	84 65	82 28	79 50	78 22	88 7	96 1.36	78 1.4	93 12	93 11.1	95 2.3	93 56	93 18.8	81 7	94 22	81 -5	101 0.4	83 2.7	90 -3.2	102 -0.9	102 33.2	95 -7	77 -7	82 -1.16	84 -2.44	98 -0.26
GHS 150132 87399309				76 66	97 54	127 71	89 68							110 38	80 3.06	84 0.6	109 35	97 13.4	127 11.9	115 108	92 17.7							98 30.8						
GHS 150134 82986217	8	BBM 090009 GHS 120101		87 78	96 74	106 77	102 75	107 45	95 64	90 75	101 32	95 58	97 28	94 16	98 1.18	64 3.2	96 16	96 12.8	106 5.7	104 83	96 21.3	107 106	80 -13	109 -52	108 0.8	103 14.4	111 -15.2	104 -1.3	98 30.6	106 2	98 12	94 0.09	110 1.71	109 0.73

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 Thickn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling	
			Sire ID Dam ID																																
GHS 150148 82999897		BBM 090009 GHS 120134		79 81	111 76	111 78	103 76	122 48	117 66	112 77	99 33	114 59	97 30	89 8	80 3.09	83 0.7	94 14	111 20.6	111 6.9	123 128	102 26.6	101 83	103 43	111 -54	115 1.1	98 11.4	115 -17.8	113 -2.9	116 41.4	98 -4	101 14	103 0.96	106 0.93	99 -0.14	
GHS 160011 87399127				105 62	78 42	115 61	108 65							94 16	105 0.45	99 -1.4	89 6	78 3.0	115 8.2	97 67	68 -3.4							97 30.0							
GHS 160019 83833889		BBM 070043 GHS 060303		112 76	85 70	78 75	144 73	113 39	99 61	87 72	74 25	92 54	73 21	60 -30	113 -0.35	126 -5.1	60 -37	85 6.7	78 -2.9	86 39	77 4.1	75 -15	126 98	81 -5	101 0.4	90 6.5	121 -21.0	113 -2.9	91 26.6	101 -2	89 3	75 -1.84	91 -1.38	91 -0.83	
GHS 160021 87399150				84 61	81 47	122 66	105 65							96 19	91 1.93	71 2.3	92 10	81 5.0	122 10.5	106 89	74 1.9							90 25.9							
GHS 160032 87399184				111 64	69 43	98 60	104 63							95 16	111 -0.21	101 -1.8	94 13	69 -1.6	98 3.0	71 4								85 22.6							
GHS 160048 90181454		BBM 070013		110 65	89 62	59 73	94 69	84 34	60 55	62 65	78 24	58 49	77 20	97 20	113 -0.35	104 -2.2	108 34	89 8.8	59 -8.9	52 -42	87 13.6	77 -9	113 67	81 -6	96 0.1	82 2.0	82 1.4	98 -0.3	88 24.6	87 -13	77 -7	90 -0.36	86 -2.14	102 0.09	
GHS 160053 87399218				109 63	78 49	84 66	137 65							69 -18	110 -0.09	82 0.9	69 -24	78 3.1	84 -1.2	79 22	73 0.7							92 26.8							
GHS 160055 90181553		BBM 090009		92 68	85 60	94 70	113 70	99 40	79 55	77 64	74 30	75 50	68 26	80 -4	97 1.29	76 1.7	86 2	85 7.1	94 2.0	88 44	79 6.6	82 10	121 87	106 -47	89 -0.3	100 12.9	103 -10.7	106 -1.7	88 24.4	96 -7	81 -3	85 -0.82	96 -0.52	107 0.57	
GHS 160056 87399226				107 61	76 47	96 66	132 65							76 -9	107 0.24	88 0.0	73 -18	76 2.2	96 2.5	87 43	65 -5.8							91 26.6							
GHS 160063 87399234				113 60	77 55	103 74	112 68							86 5	108 0.10	111 -3.1	87 3	77 2.7	103 4.7	87 43	69 -2.5							107 36.0							
GHS 160083 87399275				99 54	74 44	113 65	99 65							98 21	103 0.65	90 -0.3	98 19	74 1.2	113 7.7	88 45	70 -1.3							103 33.6							
GHS 160088 87399341				104 62	87 51	133 68	118 68	100 19	110 47	107 58				83 1	101 0.90	101 -1.8	83 -2	87 8.2	133 13.7	128 142	78 5.7						103 -10.7		100 32.0						

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	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
GHS 160103 85027761		BBM 070043 GHS 090022		87 79	103 75	105 79	103 74	88 46	92 65	102 76	81 30	88 58	83 25	94 15	85 2.55	93 -0.6	95 14	103 16.7	105 5.1	110 98	99 24.5	86 27	85 0	90 -20	95 0.1	89 6.1	98 -7.7	82 2.7	111 38.5	106 2	92 7	83 -0.98	93 -0.98	97 -0.32
GHS 160105 85027613	2	JRB 060096 GHS 090074		88 78	96 74	118 75	98 73	115 47	105 64	97 75	91 28	101 57	91 22	93 15	90 2.06	89 -0.1	99 21	96 12.9	118 9.1	112 102	100 24.6	90 42	94 22	88 -17	105 0.6	91 7.3	98 -8.0	119 -4.0	114 40.0	100 -3	87 2	87 -0.60	95 -0.70	96 -0.40
GHS 160119 85055820		BBM 070013 GHS 060315		91 75	101 71	87 75	83 72	101 35	83 60	84 72	109 24	86 53	105 20	114 42	94 1.62	99 -1.4	121 53	101 15.4	87 -0.2	81 28	104 28.6	104 94	120 83	103 -42	85 -0.5	108 17.3	95 -6.0	110 -2.4	92 27.2	113 7	110 22	106 1.28	92 -1.19	100 -0.03
GHS 160125 87399374				128 57	63 37	77 53	128 63							71 -16	127 -1.87	107 -2.6	78 -11	63 -5.1	77 -3.3	50 -47	57 -13.3							90 26.1						
GHS 170012 84968064	8	BBM 070043 GHS 130122		78 77	109 75	109 76	100 74	92 42	97 63	106 75	91 28	95 56	92 24	99 22	82 2.90	79 1.3	97 18	109 19.7	109 6.4	118 116	101 25.6	91 46	85 1	96 -29	93 -0.1	96 10.3	96 -6.5	90 1.3	104 34.0	109 4	103 16	99 0.60	87 -1.93	93 -0.62
GHS 170015 90181488				92 59	89 40	125 60	94 65							102 27	97 1.31	88 0.1	103 26	89 9.0	125 11.5	110 96	84 10.8							96 29.2						
GHS 170024 85527547	1	OLI 120135 GHS 120111		82 78	98 74	111 73	87 72	110 43	94 63	89 74	87 28	91 56	81 21	108 35	86 2.45	89 -0.1	113 41	98 13.9	111 6.9	100 74	101 26.0	93 54	114 69	97 -32	94 0.0	94 9.4	121 -21.0	108 -2.1	90 25.9	111 6	90 4	95 0.17	83 -2.62	91 -0.78
GHS 170031 85527588	2	BBM 090009 GHS 080087		93 78	102 76	105 78	84 75	94 49	91 66	95 76	97 32	90 59	90 28	106 32	95 1.54	100 -1.5	117 47	102 15.9	105 5.4	98 67	102 26.6	103 90	120 85	125 -78	95 0.0	114 21.4	91 -4.2	95 0.3	108 36.5	106 1	102 16	101 0.75	105 0.78	101 0.06
GHS 170044 90142548		GHS 130126		94 61	90 49	93 62	130 67	101 28	92 47	89 55			87 10	75 -10	100 0.95	65 3.1	75 -14	90 9.6	93 1.7	98 69	88 14.1	79 0	100 37	86 -13	114 1.1	100 12.6	111 -15.1	104 -1.3	86 23.6	93 -9	84 0	80 -1.28	103 0.51	97 -0.30
GHS 170058 86284528		BBM 090009 GHS 070032		68 78	112 75	132 77	75 74	89 48	97 65	112 76	97 33	96 59	99 29	128 62	69 4.22	71 2.3	128 64	112 21.6	132 13.5	121 123	107 31.6	105 99	54 -74	114 -60	105 0.6	110 49	87 48	97 31	94 66	116 46	109 22	101 0.75	96 -0.50	96 -0.36
GHS 170079 86284601		BBM 090009 GHS 060068		84 77	93 73	108 75	100 74	112 41	94 62	87 74	97 30	93 56	94 26	93 14	88 2.25	83 0.7	98 19	93 11.3	108 6.0	101 77	91 17.2	100 79	103 43	110 -53	101 0.4	107 17.0	108 -13.7	113 -2.9	102 32.8	109 4	101 15	91 -0.17	104 0.63	102 0.09
GHS 170093 90181496		BBM 070043		92 63	85 58	112 67	129 68	88 36	88 53	92 62	68 25	81 47	68 21	70 -17	96 1.39	68 2.7	75 -15	85 7.0	112 7.3	112 102	80 7.0	74 -19	88 8	73 7	96 0.1	80 0.9	98 -7.9	93 0.7	90 25.6	97 -6	81 -3	87 -0.60	80 -3.07	101 0.03

Breeding Values and Accuracies: Cows & Heifers

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass		
ID	Inbreeding	Genomic	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	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
Animal no	%	Parentage	EBV Acc																															
GHS 170100	2	BBM 070043	GHS 110091	93	97	104	110	103	99	97	81	94	88	94	96	83	89	97	104	107	95	85	68	92	97	101	109	94	111	102	90	92	93	99
86290731		GHS 110091		77	74	75	74	42	63	75	29	56	24	15	1.34	0.7	5	13.4	4.9	91	20.4	21	-40	-23	0.1	13.2	-14.3	0.6	38.2	-2	4	-0.12	-1.00	-0.12
GHS 170108		GHS 150003		97	85	91	113	111	87	77				87	99	84	87	85	91	85	89					104		110						
88352828		GHS 150003		71	54	71	70	23	51	62				6	1.06	0.5	3	7.1	1.1	37	14.8					-11.1		37.9						
GHS 170113		OLI 130264	GHS 060005	91	106	120	98	92	106	111	108	106	105	103	96	83	99	106	120	123	104	109	98	105	114	96	92	98	94	109	112	105	102	87
86284726		GHS 060005		78	74	76	75	42	63	75	26	56	20	28	1.40	0.7	20	18.1	9.9	130	28.2	113	31	-44	1.1	10.4	-4.2	-0.3	28.0	4	24	1.18	0.45	-1.19
GHS 170128		OLI 120411	GHS 150024	115	85	106	111	99	97	91	83	92	88	91	114	107	88	85	106	97	79	88	90	85	117	103	95	98	105	87	86	91	109	107
88352810		GHS 150024		73	55	65	71	33	53	62	22	47	29	11	-0.45	-2.6	4	7.0	5.4	67	5.8	34	12	-12	1.2	14.9	-6.4	-0.2	35.1	-14	1	-0.21	1.42	0.53
GHS 180017	2	LFR 140104	GHS 150124	102	98	106	134	108	117	112	98	114	91	66	105	74	70	98	106	124	95	97	96	95	95	97	108	94	121	88	87	90	103	94
88236096		GHS 150124		76	72	73	73	44	62	73	31	56	29	-22	0.41	1.9	-21	13.9	5.5	132	20.2	70	26	-28	0.1	10.8	-13.5	0.5	44.4	-12	2	-0.35	0.49	-0.52
GHS 180024	2	LFR 140104	GHS 150147	97	104	102	121	101	110	111	104	109	102	77	99	82	83	104	102	117	99	104	103	102	101	100	107	92	109	108	105	101	108	104
88236112		GHS 150147		73	70	66	71	43	60	70	30	54	28	-7	1.05	0.8	-4	17.2	4.3	114	24.0	96	43	-41	0.4	12.8	-13.0	0.9	37.4	3	18	0.79	1.31	0.26
GHS 180031		GHS 150148		83	105	105	114	119	112	105			84	82	88	70	86	105	105	118	98	89	104	91	104	93	114	125	92	97	95	88	96	100
88236146		GHS 150148		72	66	65	68	29	55	67			15	-1	2.25	2.4	1	17.4	5.2	116	22.8	36	45	-22	0.5	8.6	-16.8	-4.9	26.8	-5	9	-0.56	-0.60	-0.05
GHS 180033		WWP 140129	GHS 150112	90	87	102	101	108	84	77	83	81	94	92	95	82	98	87	102	90	89	85	67	75	118	93	105	105	102	82	81	94	126	109
88298518		GHS 150112		72	63	47	52	35	51	60	23	45	31	13	1.48	0.9	18	7.9	4.2	50	15.3	22	-44	4	1.3	8.9	-12.0	-1.4	33.0	-17	-3	0.08	4.11	0.72
GHS 180068		WWP 140129	GHS 160025	94	93	89	101	104	84	82	84	81	92	99	92	100	98	93	89	85	88	85	84	77	108	83	103	102	100	88	84	88	127	104
88298716		GHS 160025		75	70	72	73	37	60	71	23	53	31	23	1.84	-1.6	19	11.0	0.4	37	14.0	22	-4	1	0.7	2.9	-10.7	-1.0	31.6	-13	0	-0.50	4.40	0.31
GHS 180077	4	WWP 140129	GHS 150140	88	103	72	109	116	92	87	91	90	95	86	85	93	91	103	72	83	103	92	105	95	114	99	99	125	101	85	86	98	134	114
88236344		GHS 150140		78	72	67	73	46	62	72	28	55	34	5	2.53	-0.6	9	16.4	-4.7	32	27.3	48	48	-28	1.1	12.0	-8.5	-5.0	32.2	-15	1	0.44	5.50	1.09
GHS 180084		KBS 130133	GHS 070013	93	105	93	106	102	100	102	92	98	89	95	92	95	92	105	93	103	99	92	93	90	126	85	99	107	99	87	85	89	97	90
88236351		GHS 070013		75	70	66	71	44	60	70	30	54	34	16	1.83	-0.9	10	17.7	1.5	81	24.3	48	20	-20	1.8	3.8	-8.4	-1.8	31.5	-13	0	-0.41	-0.39	-0.92
GHS 180097	1	KBS 130133	GHS 100014	96	103	98	102	103	101	101	91	98	85	92	94	99	96	103	98	103	103	88	127	87	123	100	97	102	108	81	84	89	93	97
88236419		GHS 100014		76	73	73	72	45	63	73	32	57	36	12	1.56	-1.4	17	16.5	3.1	80	27.7	33	100	-15	1.6	12.7	-7.6	-0.8	37.0	-18	-1	-0.39	-1.11	-0.30

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	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
			Sire ID Dam ID																															
GHS 180113 88236484	6	WWP 140129 GHS 150117		89 75	101 71	101 63	98 56	110 45	99 59	95 68	91 28	96 53	96 34	95 17	90 2.07	94 -0.7	100 22	101 15.2	101 3.9	101 76	103 27.3	93 51	115 71	99 -34	119 1.3	103 14.4	114 -16.9	107 -1.8	101 32.6	90 -11	87 2	96 0.31	130 4.78	109 0.74
GHS 180139 88298922		WWP 140129 GHS 160022		102 75	90 69	95 68	110 72	111 37	95 59	87 70	87 23	92 52	96 31	88 7	101 0.89	99 -1.4	89 6	90 9.5	95 2.1	91 53	85 11.7	89 36	77 -20	81 -5	118 1.3	98 11.9	110 -14.7	108 -2.0	97 30.3	86 -14	86 1	99 0.57	125 4.02	111 0.91
GHS 190028 93571891				88 45	88 33	125 52	99 63							98 20	92 1.85	85 0.4	98 19	88 8.6	125 11.2	111 100	80 7.6							112 39.1						
GHS 190034 93571917				86 45	96 32	122 50	78 62							119 50	88 2.25	99 -1.4	124 58	96 12.6	122 10.4	102 77	85 11.4							110 38.0						
GHS 190037 90070608		OLI 130264 GHS 090236		116 73	91 67	109 59	126 68	103 35	112 56	106 67	93 26	108 50	85 21	78 -6	113 -0.37	107 -2.5	78 -10	91 10.0	109 6.5	113 104	90 15.9	92 50	96 27	90 -20	110 0.8	83 2.7	105 -11.8	108 -2.0	92 27.2	98 -5	91 5	88 -0.48	98 -0.22	99 -0.14
GHS 190041 90070632	2	OLI 120135 GHS 120074		78 74	109 73	118 70	97 73	102 43	106 62	110 72	93 27	103 55	91 21	105 31	82 2.85	80 1.1	101 23	109 19.8	118 9.2	123 129	108 32.0	95 60	100 35	98 -33	84 -0.5	110 18.5	108 -13.9	94 0.5	109 37.0	117 11	104 17	102 0.89	78 -3.44	96 -0.43
GHS 190051 90070780		OLI 130264 GHS 110098		72 73	117 68	117 59	77 68	102 35	105 56	114 67	107 26	105 50	104 21	126 58	66 4.51	81 1.0	126 60	117 24.1	117 9.0	115 109	116 39.5	104 96	116 75	98 -34	105 0.6	96 10.3	100 -8.8	107 -1.8	94 28.4	110 5	111 24	99 0.58	101 0.19	97 -0.27
GHS 190058 93571925				107 54	76 42	98 58	109 62	105 18						93 14	109 0.05	94 -0.8	90 7	76 2.3	98 3.0	80 25	69 -2.6							103 -10.5						
GHS 190061 93571933				108 54	87 44	103 62	100 65							105 31	106 0.37	108 -2.7	98 19	87 8.2	103 4.7	92 54	86 12.8							104 -11.6						
GHS 190070 90070723		KBS 130133 GHS 150154		72 73	98 69	107 69	105 71	94 35	84 58	90 70	90 29	82 52	90 34	89 8	79 3.13	64 3.3	93 12	98 13.7	107 5.9	108 93	90 16.2	91 47	90 12	86 -14	122 1.6	81 1.4	96 -6.6	91 1.1	105 34.6	89 -12	90 5	91 -0.18	96 -0.61	87 -1.17
GHS 190082 99477515				94 30																									106 35.3					
GHS 190090 90070913	1	LFR 140104 GHS 160013		111 73	87 68	99 60	112 69	102 42	96 58	89 67	103 30	96 52	97 28	82 -1	112 -0.28	98 -1.4	87 3	87 8.1	99 3.5	94 58	93 18.3	101 83	105 49	94 -27	103 0.5	95 9.8	99 -8.4	102 -1.0	104 34.4	94 -8	91 6	92 -0.15	109 1.50	106 0.46

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 Thickn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling		
			Sire ID Dam ID																																	
GHS 190094 90070939		GHS 160022		94 65	91 60	111 57	108 66	116 16	103 48	92 61				94 15 64	94 1.56 68	91 -0.4 63	90 8 66	91 10.0 60	111 7.2 57	107 89 61	83 9.7 64							102 32.9 43								
GHS 190095 90070947	1	OLI 130254 GHS 120092		106 75	99 72	112 70	102 72	107 35	111 60	105 72	98 25	108 53	95 20	98 20 71	106 0.39 77	101 -1.8 72	96 16 72	99 14.2 72	112 7.5 70	112 102 71	103 27.2 72	98 72 35	106 51 16	102 -41 12	83 -0.6 43	102 14.2 41	101 -9.5 30	108 -2.0 18	106 35.7 57	108 3 40	102 16 36	98 0.50 19	98 -0.26 21	104 0.26 19		
GHS 190103 90070988	1	OLI 130264 GHS 140076		72 75	131 72	115 70	74 72	97 38	116 60	131 72	111 26	116 53	110 20	128 62 71	81 2.98 77	84 0.6 72	131 68 72	131 31.8 72	115 8.4 70	122 127 71	124 46.7 72	109 112 37	119 81 16	111 -55 13	99 0.3 45	101 13.3 43	82 1.4 32	108 -2.0 23	102 33.0 59	123 15 41	125 36 37	111 1.76 20	90 -1.47 21	88 -1.04 20		
GHS 190111 90071044		LFR 140104 GHS 150132		86 71	90 66	113 60	117 67	110 33	97 55	91 66	103 28	98 50	96 26	83 1 65	92 1.84 73	67 2.8 67	85 0 67	90 9.5 66	113 7.5 60	111 99 64	92 18.1 67	100 80 33	112 64 20	97 -32 20	103 0.5 39	103 14.3 38	106 -12.4 28	101 -0.8 18	113 39.5 53	98 -5 37	98 12 33	91 -0.23 26	102 0.39 27	102 0.11 26		
GHS 190135 90200866		OLI 130254 GHS 130115		100 75	101 72	112 70	94 71	112 36	110 60	104 72	105 25	109 53	97 20	105 30 70	95 1.46 77	111 -3.0 72	105 29 71	101 15.2 72	112 7.5 70	108 93 71	104 28.8 72	104 96 35	98 31 14	102 -40 12	78 -0.9 44	113 20.5 42	97 -7.3 32	116 -3.4 18	109 37.4 57	106 2 40	100 13 36	97 0.41 19	100 0.09 21	113 1.00 19		
GHS 190145 99477531				105 41											106 0.32 40													109 37.1 29								
GHS 200006 90271875		OUH 160021 GHS 170043		125 70	78 66	110 62	126 70	93 33	99 55	93 66				74 -12 67	122 -1.27 72	113 -3.3 67	78 -10 70	78 3.4 66	110 6.7 62	100 74 66	80 7.0 68	74 -20 24	74 -27 17	67 18 12	109 0.8 28	96 10.3 27	98 -8.2 29	87 1.8 19	107 35.8 52	77 -21 26	77 -7 25	97 0.38 20	87 -2.05 22	99 -0.12 20		
GHS 200021 91203059		GHS 160103		116 70	83 65	96 66	124 67	99 28	94 54	88 66				79 -4 65	113 -0.35 72	107 -2.6 67	81 -6 67	83 5.8 65	96 2.6 66	90 50 66	86 12.8 62	85 22 18	113 68 13	88 -17 10	92 -0.1 21	81 1.4 21	107 -12.8 22	99 -0.3 15	97 29.8 46	104 0 20	86 1 18	67 -2.56 12	93 -1.02 13	95 -0.46 12		
GHS 200024 91203034		LFR 140104 GHS 170083		85 73	110 67	109 65	95 71	117 34	114 57	107 68	102 29	112 51	103 27	94 16 66	90 1.98 75	81 0.9 70	103 26 71	110 20.1 67	109 6.5 65	115 109 68	110 34.0 67	98 73 34	125 95 20	91 -21 21	98 0.2 41	98 11.3 39	111 -15.6 30	112 -2.6 19	113 39.6 54	98 -5 38	99 13 35	105 1.20 26	105 0.88 28	120 1.63 27		
GHS 200028 99477549				92 30	80 26	125 40	92 59							101 25 54	96 1.41 29	90 -0.2 40	106 30 59	80 4.3 26	125 11.3 40	100 72 42								103 33.9 28								
GHS 200030 99477556				84 41											91 1.92 40															104 34.3 29						
GHS 200038 99477564				109 30											109 0.03 29															101 32.4 28						

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	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	
			Sire ID Dam ID																																
GHS 200039 91203166		WWP 150106 GHS 150154		107 74	74 70	71 66	119 71	115 32	72 58	57 70	78 22	70 51	84 32	78 -6 65	111 -0.19 76	85 0.4 70	85 -1 71	74 0.8 70	71 -5.1 66	54 -37 69	70 -2.0 70	82 13 31	87 3 13	83 -8 9	116 1.2 38	89 5.9 36	115 -17.9 28	108 -2.1 15	103 33.9 53	84 -16 35	78 -6 32	81 -1.18 30	109 1.49 34	103 0.18 30	
GHS 200040 99477572				86 30											93 1.72 29													100 32.0 28							
GHS 200041 91203174		LFR 140104 GHS 160063		112 72	93 68	95 66	110 71	110 33	104 57	95 68	105 28	104 51	107 26	82 -1 65	108 0.14 74	119 -4.1 69	89 5 71	93 11.3 68	95 2.3 66	96 63 68	86 12.9 68	104 96 33	86 2 20	91 -22 20	95 0.1 39	96 10.3 38	98 -8.1 28	105 -1.5 18	117 42.1 52	97 -5 37	99 13 33	109 1.60 26	113 2.15 27	115 1.23 26	
GHS 200044 91203190	1	WWP 140129 GHS 170131		105 74	95 71	88 66	100 72	110 42	95 60	87 71	85 26	91 53	83 32	100 24 67	103 0.70 76	109 -2.7 71	99 21 72	95 12.2 71	88 0.0 66	85 37 70	100 24.7 72	89 39 35	109 57 16	94 -27 15	108 0.8 44	97 11.1 41	111 -15.6 44	108 -1.9 23	104 34.1 58	84 -15 40	84 -1 36	102 0.88 31	118 2.91 34	99 -0.17 31	
GHS 200052 91202416	4	WWP 150106 GHS 150095		96 71	97 69	89 60	89 69	115 37	92 57	82 68	85 26	89 51	90 34	128 66	101 0.89 74	93 -0.6 68	112 40 69	97 13.5 69	89 0.5 60	83 33 66	95 20.8 70	88 36 36	87 5 18	92 -23 13	118 1.3 43	100 12.5 42	117 -18.5 34	112 -2.8 20	101 32.6 57	91 -10 40	88 3 36	90 -0.34 32	105 0.90 36	98 -0.23 32	
GHS 200056 91202465		WWP 150106 GHS 150128		100 72	86 67	92 59	122 68	114 32	94 55	83 66	90 22	92 48	93 32	81 -2 65	102 0.73 74	83 0.7 68	82 -4 68	86 7.7 67	92 1.1 59	89 46 65	80 7.3 69	94 56 31	105 48 13	92 -24 9	117 1.3 38	96 10.6 36	112 -15.7 28	107 -1.9 15	106 35.4 52	94 -8 35	90 5 32	88 -0.47 30	111 1.80 34	107 0.52 30	
GHS 200057 91202473	8	BBM 090009 GHS 140076		91 75	110 73	93 69	104 73	102 46	104 62	105 73	99 33	102 56	96 28	89 9 72	97 1.31 77	80 1.1 73	95 14 73	110 20.2 73	93 1.5 69	106 88 72	101 25.6 74	99 77 43	102 42 44	111 -55 20	104 0.5 49	102 14.1 49	85 -0.7 48	106 -1.6 30	115 40.9 61	103 -1 47	100 14 44	99 0.63 28	102 0.33 29	96 -0.42 28	
GHS 200060 91202515		BBM 090009 GHS 120134		76 74	110 71	118 65	94 71	107 47	108 61	110 70	96 33	105 55	95 30	90 11 68	75 3.63 76	81 1.0 71	103 27 71	110 20.3 71	118 9.3 65	122 128 69	101 25.6 73	101 83 42	94 21 45	114 -59 22	98 0.2 47	111 19.6 48	105 -12.1 49	105 -1.5 31	103 33.9 62	103 -1 46	99 13 43	101 0.78 29	107 1.11 30	101 0.02 29	
GHS 200063 91202549	2	OLI 120135 GHS 110135		94 74	95 71	106 66	102 71	112 39	100 59	93 70	88 27	97 53	82 22	96 18 67	96 1.42 76	89 -0.1 70	95 15 71	95 12.3 71	106 5.4 66	103 80 69	98 23.6 63	89 37 37	99 34 15	93 -25 15	87 -0.4 44	107 16.7 42	128 -24.8 35	102 -1.0 22	97 30.2 59	105 1 41	90 5 37	96 0.25 21	82 -2.79 22	98 -0.22 21	
GHS 200078 91399261		WWP 140129 GHS 100150		112 75	80 72	104 68	124 72	115 37	102 60	88 72	78 23	96 53	82 31	82 -1 67	109 0.00 77	119 -4.1 72	80 -7 72	80 4.3 72	104 5.1 68	96 62 71	89 15.5 72	77 -7 30	127 102 14	74 5 13	125 1.7 38	91 7.4 36	111 -15.6 33	116 -3.5 21	100 31.6 58	83 -17 35	74 -10 31	86 -0.76 29	137 5.91 33	113 1.03 29	
GHS 200082 99477580				114 41											112 -0.30 40													103 33.8 29							
GHS 200083 91399253	1	WWP 140129 GHS 110044		99 74	99 73	86 69	97 73	111 38	95 60	88 72	89 24	92 53	99 32	99 22 71	99 1.06 76	100 -1.6 72	102 25 73	99 14.4 73	86 -0.5 69	86 40 72	101 25.9 67	88 35 33	113 67 17	90 -20 14	113 1.0 40	109 18.1 38	107 -13.0 34	112 -2.7 19	103 33.7 60	86 -14 37	85 1 33	102 0.91 30	124 3.84 34	102 0.12 30	

Breeding Values and Accuracies: Cows & Heifers

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass			
ID 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 Thickn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling	
			Sire ID Dam ID																																
GHS 210001 91399345		LFR 140104 GHS 060089		89 73	89 70	115 67	122 70	111 34	102 58	94 70	99 28	100 52	100 26	77 -8 65	93 1.70 75	71 2.3 70	81 -6 70	89 8.9 70	115 8.5 67	115 109 69	88 14.5 69	103 89 33	89 9 20	89 -19 20	110 0.9 39	99 12.4 38	115 -17.8 28	100 -0.6 18	106 35.6 55	100 -3 37	98 12 33	96 0.24 26	112 2.01 27	103 0.23 26	
GHS 210002 99477598				68 30	87 27	122 40	71 59							132 67 54	67 4.43 29	66 3.0 40	135 73 59	87 8.2 27	122 10.4 40	91 51 42							102 33.1 28								
GHS 210007 91497073		OLI 120135 GHS 140011		107 73	90 71	115 65	100 71	124 40	112 59	95 70	102 26	110 52	98 20	89 9 63	107 0.26 75	102 -1.9 70	97 18 71	90 9.5 71	115 8.4 65	105 86 69	95 20.4 70	100 79 36	97 29 14	91 -22 14	102 0.4 43	104 15.0 41	129 -25.7 39	117 -3.6 22	100 32.0 58	113 7 40	94 8 36	89 -0.38 19	99 -0.13 21	112 0.94 19	
GHS 210008 91497081	1	OLI 130254 GHS 170128		100 73	96 68	98 64	114 70	105 37	100 57	97 68	88 24	97 50	85 22	91 12 68	100 0.99 75	122 -4.6 69	86 1 70	96 12.5 68	98 3.0 64	102 77 67	94 19.8 69	90 41 34	98 30 11	103 -26 10	103 0.5 43	108 17.8 41	99 -8.6 38	107 -1.9 20	105 34.6 54	92 -9 39	88 3 35	87 -0.64 20	102 0.32 23	99 -0.13 20	
GHS 210011 91497107		OLI 130254 GHS 170108		104 69	87 66	101 58	119 67	109 34	99 54	91 65	95 20	97 47	86 16	87 6 63	100 0.93 72	103 -2.0 66	84 -2 67	87 8.2 66	101 4.0 58	98 67 64	97 22.3 65	93 55 30	130 109 9	101 -38 8	82 -0.7 38	110 18.5 36	99 -8.5 37	113 -2.9 14	106 35.2 52	99 -4 35	94 8 31	93 -0.04 15	96 -0.59 17	102 0.09 15	
GHS 210031 93826543	26	BBM 090009 GHS 180093		89 72	102 67	90 60	105 70	108 44	96 58	94 67	90 33	94 53	93 30	90 10 54	89 2.10 75	88 0.0 69	93 12 70	102 16.2 67	90 0.8 60	97 67 66	94 19.4 70	97 68 44	74 -27 48	113 -59 20	104 0.5 49	114 20.9 50	102 -10.2 46	114 -3.0 28	97 30.3 59	101 -3 47	98 12 44	94 0.10 29	103 0.48 30	105 0.36 29	
GHS 210036 93826568	1	OLI 130254 GHS 180062		109 71	85 65	96 50	113 51	108 39	94 53	84 62	92 24	92 47	87 23	91 11 50	110 -0.09 74	134 -6.2 61	87 2 51	85 7.2 65	96 2.4 50	89 47 55	94 19.2 66	91 44 35	115 71 13	97 -31 11	91 -0.2 44	105 15.8 42	104 -11.5 41	111 -2.5 20	102 33.2 55	91 -11 40	86 1 36	90 -0.33 22	109 1.51 24	103 0.21 22	
GHS 210038 92887223		OLI 120135 GHS 140006		102 70	83 66	96 53	120 49	115 32	94 52	82 62	86 23	91 46	79 18	84 3 46	101 0.90 73	96 -1.1 60	83 -2 49	83 5.8 66	96 2.6 53	89 46 56	85 11.4 66	85 23 32	134 118 9	86 -13 12	89 -0.3 39	96 10.4 37	128 -25.0 25	112 -2.8 16	87 23.8 54	102 -2 36	81 -3 32	87 -0.62 17	88 -1.89 19	99 -0.15 17	
GHS 210059 93631299		OUH 160021 GHS 150136		84 71	104 67	106 57	87 47	98 38	92 54	95 63	92 22	90 48	89 22	109 35 47	90 2.03 74	86 0.3 60	113 41 47	104 17.0 67	106 5.6 57	102 78 57	107 31.1 70	92 49 28	105 49 19	96 -31 13	111 0.9 32	112 20.2 31	110 -15.0 41	85 2.1 19	111 38.2 54	95 -7 30	91 5 28	94 0.09 21	87 -1.96 23	102 0.07 21	
GHS 210079 92886969		OUH 160021 GHS 150118		84 71	97 70	99 65	97 70	87 40	78 58	85 69	82 22	75 51	84 23	99 22 69	90 1.99 74	78 1.4 68	102 25 70	97 13.1 70	99 3.5 65	95 61 68	102 26.4 71	82 11 29	105 49 20	84 -10 14	105 0.6 33	100 12.8 32	93 -5.2 42	84 2.2 22	110 38.1 55	90 -11 31	78 -5 29	87 -0.58 22	103 0.53 24	109 0.72 22	
GHS 210083 92886985	6	BBM 090009 GHS 180017		94 72	112 70	99 57	124 57	107 46	120 57	121 66	96 34	116 52	99 30	75 -10 57	94 1.57 75	82 0.8 64	80 -7 57	112 21.3 70	99 3.6 57	125 133 61	95 20.3 72	100 78 43	34 -123 45	103 -41 21	96 0.1 49	105 16.0 49	104 -11.4 50	102 -1.0 29	109 37.5 59	95 -7 47	93 8 44	100 0.65 30	107 1.15 31	98 -0.25 30	
GHS 210093 92887033		BBM 090009 GHS 160012		99 72	93 67	115 62	95 55	112 39	103 55	94 65	97 30	101 50	98 26	99 22 54	103 0.68 74	93 -0.7 64	102 26 55	93 11.2 67	115 8.3 62	105 85 61	88 14.1 68	101 82 39	104 46 43	110 -53 18	100 0.3 44	110 18.8 44	108 -13.8 36	109 -2.1 24	102 32.8 56	106 2 42	104 17 39	99 0.59 26	103 0.50 27	100 -0.03 26	

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
			Sire ID Dam ID																															
GHS 210101 93826220	1	WWP 150106 GHS 170113		92 73	92 71	111 61	110 68	102 40	96 58	94 69	94 26	94 52	93 33	89 9	96 1.40	78 1.3	88 5	92 10.9	111 7.0	109 95	96 21.1	96 62	109 59	100 -36	132 2.1	92 8.0	102 -10.2	103 -1.1	102 33.3	92 -10	91 6	96 0.30	113 2.07	98 -0.25
GHS 210112 96794953	1	WWP 140129 GHS 080087		85 74	115 71	93 65	87 71	93 44	95 60	104 70	94 27	93 53	103 33	109 35	85 2.51	97 -1.1	114 43	115 23.0	93 1.6	101 75	117 40.1	95 59	103 42	96 -30	125 1.7	111 19.5	92 -4.5	92 0.8	106 35.6	93 -9	97 11	107 1.42	122 3.47	102 0.08
GHS 210115 93826212		OLI 130264 GHS 140024		82 71	103 67	87 60	98 67	109 31	90 55	87 66	105 22	91 48	102 17	101 25	89 2.09	76 1.7	101 24	103 16.3	87 -0.2	91 51	106 30.5	103 90	130 108	98 -34	102 0.4	97 11.2	111 -15.1	110 -2.3	94 28.3	107 2	106 19	100 0.64	102 0.40	98 -0.26
GHS 210121 93826352	3	WWP 140129 GHS 120111		94 70	97 61	98 57	101 56	101 40	91 53	91 61	82 28	87 48	88 33	92 13	96 1.40	92 -0.5	98 18	97 13.2	98 3.0	96 64	99 24.2	85 23	110 59	87 -16	125 1.7	94 9.3	100 -8.9	106 -1.5	98 30.4	88 -13	79 -5	92 -0.11	124 3.77	103 0.22
GHS 210124 93826378		BBM 090009 GHS 170108		79 73	102 67	100 57	105 56	114 43	98 56	94 65	97 30	97 51	97 26	91 11	84 2.67	73 2.0	94 12	102 15.9	100 3.6	105 85	98 23.6	100 78	109 58	112 -56	100 0.3	112 20.2	106 -12.8	115 -3.3	103 33.6	105 1	103 16	104 1.12	103 0.58	100 -0.04
GHS 210125 93826386		WWP 140129 GHS 130307		98 70	97 67	92 60	79 69	107 34	86 55	84 66	86 23	84 49	100 31	127 59	98 1.20	108 -2.7	126 60	97 13.3	92 1.2	80 25	102 26.4	87 31	91 15	75 5	121 1.5	103 14.7	100 -9.0	110 -2.3	100 32.0	86 -14	89 4	101 0.74	120 3.29	113 1.07
GHS 220004 93826477		OLI 130264 GHS 140011		82 87	99 86	120 85	94 86	108 82	101 78	98 86	115 82	104 79	100 81	104 29	89 2.10	77 1.5	104 28	99 14.6	120 9.9	114 108	107 31.4	110 117	124 94	110 -53	108 0.8	104 15.4	108 -13.5	107 -1.7	104 34.0	111 6	103 17	83 -0.97	100 0.10	115 1.23
GHS 220006 93826485		WWP 150106 GHS 120131		108 90	95 90	73 89	98 89	122 87	95 82	80 90	84 86	91 83	86 86	99 22	106 0.39	126 -5.1	102 25	95 12.4	73 -4.4	72 6	92 17.9	97 68	80 -13	97 -32	117 1.2	87 5.0	115 -17.8	117 -3.6	112 39.1	90 -11	88 3	90 -0.31	119 3.05	90 -0.94
GHS 220011 99477606				77 83	120 83	102 83	75 82	108 81	105 76	113 83	130 81	111 77	121 81	126 59	80 3.11	96 -1.1	130 67	120 25.8	102 4.2	104 82	122 44.5	130 193	97 30	117 -65	86 -0.4	123 26.3	104 -11.3	105 -1.4	107 36.3	131 22	122 33	101 0.76	90 -1.50	101 0.02
GHS 220017 94730579		GHS 170059 GHS 190058		98 87	94 86	96 84	120 84	100 82	96 78	95 85	75 82	90 79	74 82	84 2	97 1.28	92 -0.5	83 -3	94 11.6	96 2.4	100 73	91 16.7	78 -2	108 55	85 -11	127 1.8	112 19.7	98 -7.9	100 -0.5	109 37.2	99 -4	88 3	85 -0.85	91 -1.30	84 -1.43
GHS 220021 94730561		WWP 150106 GHS 190061		111 89	83 89	84 87	112 88	113 85	88 81	75 88	87 84	85 82	91 85	95 16	111 -0.19	99 -1.4	88 4	83 5.7	84 -1.2	75 12	90 15.8	88 32	96 26	85 -13	129 1.9	92 7.7	109 -14.2	107 -1.8	113 40.0	72 -25	77 -7	84 -0.92	138 6.00	116 1.32
GHS 220022 94730603	2	WWP 150106 GHS 190095		100 89	96 88	95 86	104 86	129 85	109 80	91 87	92 84	105 81	92 84	95 17	102 0.78	94 -0.8	95 14	96 12.6	95 2.3	95 60	97 22.2	95 59	100 36	95 -29	97 0.2	86 4.6	124 -22.5	124 -4.8	110 38.1	92 -10	87 2	88 -0.54	112 1.99	91 -0.80

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	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
GHS 220023 94730611	2	 WWP 150106  GHS 190041		80	111	77	91	92	81	91	83	79	87	111	84	87	111	111	77	86	106	88	102	94	98	108	94	93	105	96	88	96	101	108
GHS 220029 96795018	2	 WWP 150106  GHS 190135		102	96	84	92	129	100	83	95	98	93	107	102	106	109	96	84	79	96	104	107	108	110	121	124	125	104	103	90	75	116	116
GHS 220037 94730793	2	 WWP 140129  GHS 180029		90	105	102	93	88	90	99	105	92	108	107	89	98	107	105	102	102	111	102	120	91	132	102	86	84	114	86	90	95	143	127
GHS 220039 99477614		WWP 150106 		70	123	92	77	103	98	108	116	101	106	129	73	80	128	123	92	100	119	120	103	115	104	100	104	99	108	119	114	95	90	89
GHS 220040 94730702	1	 WWP 140129  GHS 180017		114	88	88	134	127	113	94	92	109	92	69	113	127	71	88	88	94	92	87	106	86	104	101	125	114	115	77	74	88	138	112
GHS 220047 94730694		GHS 170059  GHS 150132		77	117	92	96	99	99	107	107	100	105	103	74	83	103	117	92	107	114	103	130	107	111	100	91	108	100	123	121	98	97	100
GHS 220060 94896537	3	 WWP 140129  GHS 150136		109	90	91	104	110	95	86	68	87	80	87	108	106	94	90	91	86	91	69	96	79	125	99	101	109	112	87	71	76	119	107
GHS 220062 94896552	4	 GHS 170059  GHS 130115		97	114	91	97	81	96	110	106	97	101	102	96	101	102	114	91	104	110	101	128	107	106	118	71	86	114	116	110	102	102	96
GHS 220063 99477622		WWP 140129 		86	100	100	92	87	81	89	93	81	97	103	91	86	107	100	100	96	104	94	88	85	138	90	81	91	111	100	82	95	115	112
GHS 220064 94896560	3	 WWP 140129  GHS 150118		81	99	93	91	91	76	82	82	74	93	105	83	89	109	99	93	89	105	83	100	83	111	88	95	97	97	89	78	96	124	112
GHS 220066 94896586	1	 WWP 140129  GHS 090050		95	115	81	89	113	105	101	114	107	120	112	96	100	113	115	81	91	124	114	132	109	121	134	120	108	101	96	104	109	133	114
GHS 220073 94896610	2	 OLI 120135  GHS 150095		112	81	119	137	134	125	100	81	117	78	72	113	82	65	81	119	123	83	82	83	78	90	110	147	121	97	88	72	92	85	94

Breeding Values and Accuracies: Cows & Heifers

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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	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
Animal no	%	Parentage	Sire ID Dam ID																															
GHS 220075 94896628		WWP 140129 GHS 160050		112 88	84 88	58 87	109 88	115 84	77 80	63 88	74 84	72 81	77 84	83 87	108 0.15	112 -3.1	92 88	84 6.4	58 -9.2	51 -45	90 16.4	68 -41	126 99	67 18	105 0.6	73 -3.2	105 -12.2	123 -4.6	98 30.8	69 -28	66 -17	79 -1.44	118 2.96	91 -0.82
GHS 220077 94896263		BBM 150051 GHS 110135		103 89	97 89	101 88	121 88	78 85	93 81	104 89	85 84	89 82	76 84	80 -4	104 0.57	89 -0.1	83 88	97 13.4	101 4.0	109 94	88 14.1	91 46	81 -11	124 -76	103 0.5	106 16.5	87 -1.5	78 3.4	103 33.5	100 -3	94 8	86 -0.70	91 -1.43	104 0.29
GHS 220078 94896636		WWP 140129 GHS 140093		109 89	95 88	95 87	123 86	104 85	106 80	101 88	84 84	100 81	94 84	80 -4	106 0.32	102 -1.9	82 86	95 12.3	95 2.3	102 77	92 18.2	81 7	86 3	80 -3	129 1.9	102 14.0	96 -6.6	104 -1.2	115 41.1	86 -14	80 -4	102 0.91	121 3.42	106 0.47
GHS 220084 94896297		BBM 170165 GHS 170004		95 88	101 88	98 86	91 87	98 84	93 80	93 88	83 84	89 81	87 84	103 27	100 0.94	90 -0.3	109 87	101 15.6	98 3.2	95 62	104 28.9	83 16	97 28	111 -55	98 0.2	103 14.3	93 -4.9	95 0.3	114 40.3	103 -1	91 6	81 -1.25	99 -0.08	80 -1.73
GHS 220085 94896305		WWP 140129 GHS 110044		91 88	110 88	93 86	99 86	119 84	111 80	105 87	92 84	107 81	110 84	98 21	91 1.88	95 -0.8	100 21	110 20.4	93 1.6	104 82	109 32.7	89 39	90 11	79 -2	127 1.8	125 27.6	115 -17.7	117 -3.6	104 34.1	90 -11	91 6	103 0.94	131 4.93	101 0.07
GHS 220093 94896354		GHS 170059 GHS 200006		110 87	96 86	103 85	128 86	97 83	110 79	109 86	77 82	102 80	84 82	75 -10	109 0.06	97 -1.2	77 -12	96 12.9	103 4.6	114 107	96 21.2	79 -2	64 -51	69 14	118 1.3	101 13.3	96 -7.0	89 1.4	117 42.0	87 -14	87 2	99 0.58	82 -2.79	88 -1.07
GHS 230015 99477630		WWP 140129		104 87	100 87	71 86	131 86	116 85	104 79	96 87	82 84	98 80	85 85	73 -14	100 0.95	97 -1.1	76 -14	100 14.7	71 -5.3	86 38	97 22.5	79 -2	90 11	68 16	145 2.8	94 9.0	118 -19.3	111 -2.5	105 34.8	68 -28	70 -13	98 0.53	115 2.38	90 -0.86
GHS 230031 99477648				107 82	101 81	128 81	96 81	99 80	117 75	115 81	101 80	114 76	103 80	101 25	109 0.05	101 -1.7	101 23	101 15.7	128 12.4	125 134	104 28.9	93 53	112 64	93 -25	114 1.1	103 14.6	95 -6.4	93 0.7	118 42.8	109 4	100 14	102 0.88	85 -2.24	102 0.12
GHS 230032 99477655				87 82	111 82	102 81	92 81	103 81	103 75	106 82	97 80	101 76	103 81	104 29	86 2.43	97 -1.2	107 33	111 20.7	102 4.3	107 91	105 29.4	98 71	93 19	103 -42	112 1.0	96 10.5	86 -1.2	111 -2.4	106 35.2	111 6	103 16	110 1.66	104 0.69	91 -0.80
GHS 230036 97472732		WWP 140129 GHS 180093		86 88	99 87	65 86	104 86	103 85	76 80	76 87	90 84	75 81	96 84	92 13	87 2.34	88 0.0	96 15	99 14.5	65 -6.9	71 3	103 27.4	94 57	100 35	99 -35	110 0.9	97 10.7	92 -4.6	114 -3.0	99 31.3	86 -14	85 0	87 -0.61	134 5.36	123 1.85
GHS 230040 95819884		BBM 170165 GHS 200088		99 88	100 89	84 86	100 87	94 85	86 80	89 88	98 85	87 81	95 85	98 21	99 1.05	98 -1.3	99 21	100 14.9	84 -1.3	86 39	102 26.6	100 78	77 -19	112 -56	71 -1.3	81 1.3	86 -1.3	97 0.1	110 37.6	112 6	95 9	110 1.73	114 2.32	111 0.85
GHS 230042 95819892		OLI 120135 GHS 180161		89 87	105 87	107 85	101 85	104 83	104 79	105 86	103 83	104 80	93 83	100 24	88 2.19	93 -0.6	97 18	105 17.4	107 6.0	112 103	111 34.6	98 71	106 51	84 -10	105 0.6	115 21.7	113 -16.7	94 0.4	107 36.0	99 -4	85 0	110 1.66	87 -1.99	91 -0.80

Breeding Values and Accuracies: Cows & Heifers

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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	FCR	Skin Thickn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
Animal no	%	Parentage	Sire ID Dam ID																															
GHS 230047 99477663		BBM 170165		94 87	99 87	99 86	98 85	94 85	91 79	94 87	101 84	92 80	98 84	106 32	98 1.19	89 -0.1	100 22	99 14.7	99 3.4	99 70	100 25.1	100 86	99 34	119 -67	100 0.3	72 -4.0	105 86	88 84	106 35.4	122 15	104 17	116 2.24	103 0.52	111 0.84
GHS 230054 95819918	1	OLI 120135 GHS 170031		81 87	104 87	100 85	91 85	119 83	101 79	94 86	100 83	100 80	100 82	103 27	84 2.60	86 0.3	108 34	104 17.3	100 3.8	100 73	107 31.5	102 87	88 6	107 -48	77 -1.0	105 84	120 83	117 82	101 32.4	109 4	97 11	111 1.75	99 -0.11	115 1.22
GHS 230056 99477671		BBM 170165		76 86	123 86	99 85	80 85	85 84	96 79	115 86	112 84	99 80	111 84	118 47	70 4.09	88 0.0	123 57	123 27.5	99 3.5	108 92	119 41.7	109 115	106 51	125 -78	85 -0.5	95 10.1	69 8.5	92 0.8	116 41.4	124 16	121 32	131 3.80	73 -4.17	105 0.34
GHS 230057 99477689		BBM 170165		102 86	115 86	94 84	89 84	93 83	105 78	111 85	111 84	107 79	113 83	110 37	103 0.70	105 -2.2	111 39	115 22.8	94 1.9	102 79	115 38.3	110 116	112 65	120 -70	96 0.1	107 16.7	85 -0.2	99 -0.3	104 34.0	120 13	118 30	112 1.89	98 -0.28	117 1.41
GHS 230058 96436985	4	WWP 140129 GHS 200060		99 89	99 89	105 87	105 87	104 85	103 81	101 88	88 85	99 82	99 85	84 2	99 1.09	97 -1.1	93 11	99 14.2	105 5.3	107 91	95 20.2	94 58	78 -18	101 -38	96 0.1	114 21.1	103 -10.7	107 -1.8	96 29.4	88 -12	89 4	106 1.26	139 6.19	110 0.76
GHS 230059 96437009	1	WWP 150106 GHS 170083		106 88	101 88	94 86	88 86	132 85	112 80	92 87	91 84	108 81	97 84	106 31	113 -0.38	95 -0.8	112 40	101 15.4	94 1.8	90 48	102 26.8	88 34	97 28	84 -10	119 1.4	88 5.5	128 -24.9	119 -3.9	121 44.6	95 -7	88 3	91 -0.23	119 3.03	110 0.80
GHS 230065 96436829	2	WWP 150106 GHS 180024		88 88	103 88	86 86	102 86	113 84	96 80	91 87	99 84	96 81	100 84	94 15	93 1.67	79 1.3	97 17	103 16.7	86 -0.7	92 55	100 25.4	102 88	120 84	107 -48	119 1.4	102 13.9	123 -22.4	102 -1.0	104 34.5	110 5	104 17	95 0.23	119 3.00	106 0.46
GHS 230066 96436993	1	BBM 170165 GHS 210001		111 88	88 88	118 85	122 85	106 84	112 79	103 87	97 84	109 80	94 84	82 -1	112 -0.32	93 -0.6	81 -6	88 8.6	118 9.1	116 113	90 16.2	104 93	89 10	107 -48	104 0.5	91 7.3	116 -18.2	94 0.5	108 36.7	110 5	97 11	99 0.63	110 1.57	105 0.33
GHS 230068 96437025	1	BBM 170165 GHS 200041		106 88	106 88	81 86	105 86	108 85	105 80	101 87	106 85	105 81	102 84	90 11	102 0.74	109 -2.8	94 13	106 18.1	81 -2.0	92 55	102 26.5	103 91	98 30	112 -56	82 -0.7	92 8.0	93 -5.3	108 -2.0	119 43.4	111 6	100 14	112 1.85	104 0.69	117 1.41
GHS 230072 96436837	2	WWP 140129 GHS 190103		79 89	115 89	91 87	90 87	97 85	95 81	102 88	97 85	94 82	105 85	108 34	82 2.86	88 0.0	110 37	115 23.1	91 0.9	101 75	112 36.1	97 68	96 27	96 -31	119 1.4	96 10.4	82 1.0	112 -2.7	98 30.4	98 -5	103 16	114 2.08	118 2.90	96 -0.43
GHS 230078 96795075		WWP 140129 GHS 170029		88 87	101 87	86 85	120 85	125 84	106 79	97 86	85 84	101 80	87 84	84 2	83 2.72	93 -0.6	84 -2	101 15.5	86 -0.5	98 68	97 22.7	85 24	93 20	89 -19	117 1.3	102 13.8	112 -16.1	121 -4.2	113 40.0	86 -14	83 -1	81 -1.23	139 6.24	103 0.17
GHS 230079 96437041		WWP 140129 GHS 120150		94 88	107 88	102 86	94 86	100 85	102 80	104 87	95 84	100 81	109 84	104 29	92 1.86	103 -2.0	104 29	107 18.6	102 4.2	105 86	108 32.0	95 61	108 56	103 -42	132 2.1	112 20.2	93 -4.9	99 -0.4	113 39.5	110 5	103 16	88 -0.50	134 5.50	112 0.96

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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
			Sire ID Dam ID																															
GHS 230082 96437066	1			97 88	96 89	74 87	106 86	109 85	86 80	81 88	89 85	84 81	86 85	93 13 86	99 1.03 89	90 -0.2 87	94 13 86	96 13.1 89	74 -4.4 87	77 17 87	97 22.3 89	89 37 85	104 46 84	88 -17 84	123 1.6 86	118 23.2 86	103 -10.6 85	108 -2.0 84	108 36.9 86	73 -24 86	78 -5 85	96 0.25 85	97 -0.45 85	115 1.23 85
GHS 230083 96437074				109 85	100 85	80 82	125 82	111 81	107 77	100 84	88 80	103 78	92 81	77 -7 82	109 0.00 86	93 -0.6 83	80 -7 82	100 14.9 85	80 -2.5 82	92 55 83	96 21.4 85	90 41 81	82 -8 81	85 -12 80	114 1.1 82	89 6.2 82	108 -13.6 81	101 -0.7 80	119 43.3 82	89 -12 81	90 5 81	93 -0.01 81	109 1.54 81	96 -0.41 81
GHS 230084 97496715	2			108 88	87 89	100 86	105 86	94 85	87 80	86 88	102 85	89 81	92 85	91 11 86	108 0.17 89	102 -1.9 87	93 11 86	87 8.0 89	100 3.7 86	91 52 87	95 20.8 89	100 80 86	98 32 84	110 -53 84	89 -0.3 86	79 0.3 86	91 -4.2 85	96 0.2 84	106 35.6 86	99 -4 86	90 4 86	96 0.25 85	98 -0.22 85	104 0.32 85
GHS 230085 97480313	2			114 87	96 87	95 85	95 85	107 83	102 79	93 86	110 83	103 80	107 82	100 24 84	117 -0.82 88	104 -2.1 86	104 29 85	96 13.1 87	95 2.3 85	91 50 86	101 26.1 87	108 111 84	85 -1 82	111 -55 82	101 0.4 85	88 5.6 84	110 -14.7 83	104 -1.3 82	103 33.5 85	121 14 84	104 17 84	95 0.20 82	111 1.76 83	119 1.59 82
GHS 230087 96437090	3			95 88	106 89	71 86	99 86	91 85	83 80	90 88	96 84	83 81	90 84	99 22 86	92 1.79 89	102 -1.9 87	101 24 86	106 18.3 86	71 -5.1 86	81 27 87	106 30.6 88	97 69 85	114 71 84	121 -71 83	81 -0.7 86	72 -4.2 86	93 -5.3 85	92 0.8 84	108 36.6 86	118 11 86	94 8 85	88 -0.47 84	99 -0.05 84	124 1.97 84
GHS 230088 96437124	1			75 88	109 88	83 85	95 85	99 84	84 79	90 87	87 84	82 80	99 84	99 22 85	77 3.37 89	81 1.0 87	105 29 85	109 19.6 88	83 -1.6 85	91 51 86	110 34.0 88	86 27 84	100 35 83	86 -13 83	105 0.6 85	105 15.9 84	91 -3.8 84	105 -1.5 83	101 32.4 86	84 -16 84	88 3 84	116 2.31 83	114 2.30 84	120 1.63 83
GHS 230094 96437132				86 88	101 88	77 86	101 86	112 84	87 80	82 87	82 84	83 81	93 84	101 25 85	90 2.03 89	82 0.8 87	98 19 86	101 15.3 88	77 -3.3 86	82 29 87	100 24.6 88	85 21 84	112 64 83	87 -15 83	130 2.0 85	104 15.4 85	101 -9.5 84	114 -3.0 83	113 39.9 85	89 -12 84	90 5 84	100 0.73 84	106 0.94 84	91 -0.78 84
GHS 230095 96437140				103 88	81 88	81 86	130 86	105 84	82 80	74 87	87 84	80 81	85 84	77 -8 86	109 0.04 89	72 2.2 87	76 -13 86	81 4.8 88	81 -2.1 86	75 13 87	82 9.2 88	87 31 85	101 38 84	92 -23 83	114 1.1 85	90 7.0 85	108 -13.6 84	103 -1.2 83	101 32.2 86	82 -18 85	78 -6 85	81 -1.23 84	108 1.32 84	101 0.07 84
GHS 230099 96437165	2			87 89	121 89	72 87	88 87	95 85	94 81	104 88	102 85	94 82	96 85	110 37 86	85 2.58 90	103 -2.0 88	115 44 87	121 26.4 89	72 -4.9 87	89 47 88	111 35.1 89	102 85 86	110 60 85	124 -77 84	100 0.3 87	83 2.5 87	81 1.9 85	98 -0.3 84	115 41.2 86	119 12 86	106 19 86	104 1.12 85	92 -1.14 85	102 0.08 85
GHS 230100 96437157				95 88	85 88	76 87	124 86	113 85	83 80	73 88	70 84	77 81	78 85	83 1 86	100 1.00 89	75 1.8 87	82 -5 86	85 7.1 89	76 -3.6 87	73 8 87	82 9.4 88	68 -40 85	85 0 84	84 -10 84	109 0.8 86	90 7.0 86	118 -19.3 85	102 -1.0 84	113 39.9 86	73 -24 85	63 -19 85	77 -1.63 85	125 4.00 85	111 0.85 85
GHS 230101 96437173	5			93 87	100 85	113 84	124 84	101 83	111 78	111 85	94 82	107 79	92 82	78 -7 83	96 1.44 88	76 1.7 85	79 -8 84	100 15.0 85	113 7.7 84	126 137 84	99 24.3 85	95 59 82	101 37 82	100 -37 81	92 -0.1 83	88 5.8 83	95 -5.9 82	101 -0.7 82	109 37.4 84	97 -6 83	91 6 82	102 0.85 82	97 -0.46 82	82 -1.57 82
GHS 230103 97472708	1			90 88	103 89	104 87	97 86	91 84	93 80	98 88	79 84	88 81	80 84	95 17 86	95 1.50 89	84 0.5 87	101 23 86	103 16.3 89	104 5.0 87	105 87 87	93 18.8 87	82 10 86	89 8 84	105 -45 83	94 0.0 86	92 8.3 86	81 1.8 84	104 -1.3 83	100 32.0 86	84 -16 86	79 -5 86	78 -1.56 84	103 0.49 84	115 1.24 84

Breeding Values and Accuracies: Cows & Heifers

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass		
ID	Inbreeding	Genomic	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	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
Animal no	%	Parentage	EBV Acc																															
GHS 230104 96436845	1	WWP 140129 GHS 190041		84 89	113 89	109 87	91 87	107 85	110 81	111 88	97 85	108 82	100 85	114 42	85 2.52	93 -0.6	108 34	113 21.9	109 6.6	115 110	117 39.7	100 79	122 89	106 -46	112 1.0	110 18.5	107 -13.2	102 -0.9	111 38.7	114 8	110 22	104 1.13	105 0.91	103 0.16
GHS 230105 96437199	2	WWP 140129 GHS 210059		86 88	110 89	93 87	89 86	89 85	89 80	99 88	109 85	92 81	105 85	113 40	86 2.40	96 -1.1	112 40	110 20.5	93 1.5	97 66	115 38.4	111 121	84 -2	106 -47	131 2.0	122 25.8	92 -4.4	87 1.8	108 36.6	95 -7	99 13	103 0.96	109 1.50	107 0.56
GHS 230108 99477697		WWP 150106		100 86	101 86	91 84	92 84	122 83	104 78	90 85	103 83	104 79	96 84	105 31	106 0.31	92 -0.5	109 35	101 15.6	91 0.9	89 47	103 27.3	102 87	109 58	101 -38	132 2.1	102 14.2	119 -20.1	115 -3.2	110 37.6	94 -8	93 7	84 -0.92	111 1.86	91 -0.81
GHS 230109 98296502	3	WWP 150106 GHS 120111		96 89	90 89	92 87	111 87	112 85	92 81	83 88	63 85	83 82	69 85	84 2	99 1.13	87 0.2	89 5	90 9.7	92 1.3	89 48	85 12.0	70 -33	107 54	82 -8	134 2.2	88 5.6	109 -14.0	116 -3.3	100 31.7	88 -13	70 -13	79 -1.43	104 0.72	86 -1.23
GHS 230113 96437215	2	BBM 170091 GHS 120138		93 87	95 87	83 84	95 84	108 82	83 78	77 86	88 82	81 79	89 81	103 28	100 1.00	86 0.3	105 30	95 12.1	83 -1.5	78 21	95 20.9	86 26	102 42	94 -27	105 0.6	90 6.9	106 -12.6	107 -1.8	106 35.4	85 -15	79 -5	82 -1.07	115 2.42	94 -0.58
GHS 230123 96437231		WWP 140129 GHS 140093		102 88	97 88	75 87	107 86	95 85	84 80	85 88	98 84	84 81	96 84	91 11	103 0.64	96 -1.0	92 10	97 13.3	75 -3.8	79 23	99 24.2	97 67	103 43	92 -23	124 1.7	97 11.2	96 -7.0	91 1.0	108 36.8	83 -16	89 4	116 2.29	111 1.86	97 -0.32
GHS 230128 97465009	1	WWP 140129 GHS 190135		102 88	94 88	101 86	107 86	115 85	104 80	95 87	98 84	102 81	97 84	91 11	98 1.17	106 -2.4	91 9	116 9.6	101 4.0	100 73	101 25.9	92 49	96 27	82 -8	100 0.3	91 7.6	102 -10.0	120 -4.1	105 34.7	81 -18	84 -1	107 1.39	126 4.21	130 2.49
GHS 230131 96437249	2	WWP 150106 GHS 160119		82 88	115 88	83 86	77 85	123 84	101 80	98 87	113 84	103 81	112 84	124 56	86 2.47	96 -1.0	129 65	115 23.0	83 -1.4	87 42	118 41.1	110 116	139 130	113 -58	100 0.3	119 24.1	112 -16.1	123 -4.7	107 35.8	110 5	110 22	107 1.41	108 1.30	112 0.95
GHS 230132 96437256	8	WWP 150106 GHS 150134		99 89	92 89	83 87	101 87	122 85	93 81	76 88	92 85	91 82	93 85	95 17	110 -0.10	72 2.1	98 19	92 10.5	83 -1.4	79 22	91 17.0	99 76	89 9	102 -40	134 2.2	100 12.5	121 -21.0	116 -3.4	106 35.2	93 -9	87 2	80 -1.29	118 2.84	120 1.65
GHS 230134 96437629	1	OUH 160021 GHS 150148		89 88	113 88	104 85	97 85	124 83	121 79	112 87	84 83	114 80	100 83	97 19	89 2.11	94 -0.7	101 24	113 21.7	104 4.9	114 108	104 28.7	82 12	75 -24	86 -14	128 1.9	96 10.3	121 -21.2	107 -1.9	124 46.6	76 -22	86 1	106 1.32	114 2.30	101 0.01
GHS 230136 96437264		WWP 150106 GHS 140024		112 87	89 87	80 85	112 85	127 83	102 79	81 86	83 83	97 80	86 83	85 3	117 -0.80	90 -0.2	88 4	89 9.2	80 -2.4	78 20	88 14.5	85 23	105 48	84 -11	116 1.2	105 15.6	125 -23.4	119 -4.0	111 38.3	85 -15	77 -7	81 -1.20	111 1.81	102 0.13
GHS 230143 97465108	1	BBM 170165 GHS 160103		90 88	100 89	86 87	107 86	79 85	78 80	91 88	79 85	74 81	78 84	92 13	87 2.31	97 -1.2	92 11	100 15.0	86 -0.5	92 54	93 18.9	86 28	100 36	112 -56	74 -1.1	79 0.1	85 -0.4	78 3.4	109 37.4	111 5	90 5	86 -0.74	96 -0.63	105 0.33

Breeding Values and Accuracies: Cows & Heifers

Value <80 Value >120

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Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass					
ID 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	
GHS 240003 99477705	3	 WWP 140129  GHS 150119				88 88	93 87	88 86	111 86	90 85	77 80	83 87	79 84	74 81	83 85	85 3	89 2.15	84 0.6	88 5	93 11.2	88 0.1	89 46	93 19.1	77 -10	95 24	70 12	116 1.2	74 -2.9	88 85	98 84	101 32.2	101 86	78 -20	67 -16	96 0.31	105 0.81	110 0.77
GHS 240006 96660709	1	 BBM 170165  GHS 170044				108 88	95 88	99 86	109 86	101 85	101 80	97 87	91 84	98 81	94 84	88 7	111 -0.15	94 -0.7	90 7	95 12.5	99 3.3	100 74	96 21.5	93 51	102 41	125 -77	101 0.4	104 15.3	108 -13.4	98 -0.2	105 34.7	107 2	95 10	93 -0.04	101 0.18	97 -0.34	
GHS 240007 99477713	1	 GHS 190047  GHS 180053				91 85	99 84	107 83	104 83	114 82	105 77	100 84	90 82	102 78	95 82	95 17	88 2.21	97 -1.2	94 13	99 14.5	107 5.9	109 95	100 25.3	92 48	83 -6	90 -20	97 0.2	96 10.5	103 -11.0	115 -3.1	111 38.3	89 -12	87 2	103 1.01	98 -0.34	94 -0.60	
GHS 240009 97465124	1	 GHS 190138  GHS 120131				83 87	99 87	113 85	100 85	107 83	100 79	98 86	93 82	97 80	89 82	95 16	87 2.34	82 0.9	98 18	99 14.6	113 7.8	112 103	98 23.6	93 52	99 33	93 -25	93 -0.1	98 11.8	97 -7.4	106 -1.6	113 39.7	102 -2	93 7	79 -1.41	106 0.98	93 -0.61	
GHS 240027 97636989	1	 WWP 150106  GHS 210086				75 88	125 88	88 86	79 86	116 84	108 80	111 87	98 84	106 81	111 84	125 57	81 2.92	88 0.1	126 61	125 28.4	88 0.1	100 73	117 40.3	98 72	111 62	100 -37	88 -0.4	93 8.8	103 -11.0	120 -4.2	104 34.2	109 4	108 21	113 2.02	111 1.85	101 0.04	
GHS 240029 6020026396		BBM 170165 GHS 200030				78 63	102 46	105 37	97 38	101 29	91 40	94 46	96 25	90 37	96 26	101 25	81 2.95	83 0.7	101 24	102 15.8	105 5.2	105 85	96 21.0	98 71	95 23	110 -54	87 -0.4	88 5.7	98 -7.9	94 0.4	111 38.7	112 7	101 15	103 0.95	93 -1.08	105 0.38	
GHS 240030 98844046	1	BBM 170165 GHS 200044				97 67	109 68	87 50	94 52	101 36	98 52	101 62	95 28	97 47	93 30	107 32	94 1.61	106 -2.4	106 30	109 19.6	87 -0.2	94 60	108 32.1	98 72	103 43	116 -63	92 -0.1	89 6.5	99 -8.3	99 -0.3	110 38.0	106 1	97 11	109 1.61	105 0.78	105 0.33	
GHS 240041 97637037	10	 WWP 150106  GHS 210031				100 89	89 89	89 87	121 87	121 85	100 81	86 88	78 86	94 82	86 86	83 1	103 0.70	85 0.4	83 -3	89 9.2	89 0.4	89 46	86 12.3	85 24	88 7	99 -34	129 1.9	109 18.4	115 -17.8	122 -4.5	102 32.8	85 -15	85 0	85 -0.81	105 0.92	110 0.83	
GHS 240042 97637045	1	 BBM 170165  GHS 210101				103 88	98 88	105 86	101 86	93 85	98 80	101 87	98 84	97 81	98 84	94 16	101 0.86	103 -2.0	97 17	98 14.1	105 5.3	105 86	100 25.2	98 72	89 8	117 -64	120 1.4	79 0.4	91 -4.0	96 0.1	107 35.8	103 -1	95 9	117 2.40	103 0.46	103 0.16	
GHS 240043 97637052	1	 BBM 170165  GHS 220006				117 91	103 91	67 89	107 90	106 88	100 83	95 91	91 88	97 84	83 88	92 13	114 -0.52	126 -5.1	93 12	103 16.7	67 -6.6	77 18	100 25.2	97 68	97 27	119 -69	83 -0.6	80 0.6	109 -14.3	99 -0.4	113 39.5	100 -3	95 9	122 2.90	96 -0.61	87 -1.15	
GHS 240048 98241771	7	 WWP 150106  GHS 210125				95 88	104 88	75 86	90 86	119 84	94 80	85 87	79 84	89 81	92 84	113 40	97 1.33	99 -1.4	112 39	104 16.9	75 -3.8	78 19	104 28.6	82 11	105 49	75 5	129 1.9	107 17.0	111 -15.4	117 -3.5	106 35.6	71 -26	77 -7	93 -0.05	116 2.56	120 1.61	
GHS 240049 98844020	1	 BBM 170165  GHS 200041				96 88	116 88	86 86	91 86	94 84	100 80	108 87	109 84	101 81	112 84	106 31	93 1.68	119 -4.2	109 36	116 23.3	86 -0.7	97 67	109 33.1	111 120	94 20	115 -61	81 -0.8	80 1.0	78 3.6	96 0.1	119 43.2	115 9	110 22	127 3.36	108 1.34	119 1.54	

Breeding Values and Accuracies: Cows & Heifers

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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 -brth	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
			Sire ID Dam ID																															
GHS 240050 98844038	1		BBM 170165 GHS 200078	113 88	91 88	92 86	116 86	117 85	106 80	94 87	77 85	99 81	83 84	88 7	110 -0.03	121 -4.3	85 0	91 10.4	92 1.3	93 56	93 19.2	76 -13	79 -15	84 -10	108 0.8	78 -0.1	110 -14.8	115 -3.2	110 37.6	91 -10	70 -13	94 0.10	127 4.37	117 1.37
GHS 240051 6020026578			BBM 150051 GHS 190145	103 64	85 49	105 43	106 42	98 35	87 44	84 49	89 28	85 41	89 28	86 5	104 0.58	96 -1.0	92 10	85 6.8	105 5.2	94 59	77 4.3	93 54	89 9	111 -54	102 0.4	93 8.4	96 -6.8	97 0.1	105 35.0	96 -6	92 7	87 -0.65	104 0.62	114 1.10
GHS 240056 6020026404	1		BBM 170165 GHS 210028	103 67	104 57	90 45	95 45	102 32	99 47	97 55	93 28	96 43	95 30	104 29	103 0.65	103 -2.0	105 29	104 17.0	90 0.6	93 55	97 22.5	95 60	96 26	113 -58	98 0.2	91 7.5	99 -8.3	99 -0.4	111 38.3	107 3	96 11	98 0.51	101 0.17	104 0.27
GHS 240059 98255276	1		GHS 200034 GHS 180161	102 87	105 87	105 85	99 84	96 83	105 79	108 86	93 82	102 80	97 83	97 20	99 1.04	121 -4.4	99 21	105 17.5	105 5.2	109 95	107 30.8	88 33	128 103	90 -21	95 0.0	97 10.8	94 -5.6	91 1.0	116 41.2	94 -8	93 7	113 2.00	115 2.39	116 1.27
GHS 240063 98255300	2		BBM 150051 GHS 170100	106 88	102 89	111 86	104 86	103 84	113 80	110 88	90 84	109 81	97 84	94 16	106 0.31	100 -1.5	93 12	102 16.1	111 7.0	116 111	100 24.7	94 55	112 64	125 -77	96 0.1	110 18.7	105 -11.8	97 0.1	112 38.9	101 -2	95 9	92 -0.09	112 1.98	118 1.48
GHS 240077 98844061	1		WWP 140129 GHS 200021	103 88	92 88	94 86	104 86	95 84	88 80	89 87	98 84	88 81	89 84	93 14	99 1.07	109 -2.7	95 14	92 10.9	94 2.0	91 51	101 25.6	99 75	131 111	99 -35	113 1.1	86 4.6	100 -9.3	90 1.2	108 36.5	103 -1	88 3	80 -1.28	129 4.68	103 0.19
GHS 240081 98844079	1		WWP 140129 GHS 210008	110 88	92 88	93 86	108 86	96 84	92 80	90 87	73 84	85 81	80 84	96 18	107 0.29	120 -4.2	91 8	92 10.5	93 1.5	90 50	95 20.2	75 -14	106 50	79 -3	118 1.3	106 16.5	88 -2.2	104 -1.2	101 32.7	82 -18	77 -6	83 -1.02	124 3.83	99 -0.17
GHS 240085 98241870	2		BBM 170091 GHS 110135	86 88	112 88	107 85	94 85	112 83	113 79	111 87	96 83	110 80	103 82	108 34	88 2.25	91 -0.4	104 28	112 21.5	107 5.9	115 109	107 31.4	94 57	92 17	103 -41	72 -1.2	103 14.6	116 -17.9	103 -1.0	109 37.1	105 1	106 19	115 2.22	91 -1.42	106 0.43
GHS 240095 98241953			GHS 200034 GHS 160056	116 87	86 87	105 85	129 85	93 83	100 79	99 86	90 82	97 80	77 83	79 -5	113 -0.38	106 -2.4	76 -13	86 7.3	105 5.2	105 85	87 13.2	90 42	124 94	108 -50	83 -0.6	88 5.4	99 -8.3	90 1.2	105 34.6	105 0	89 4	75 -1.86	99 -0.13	105 0.34
GHS 240097 99697385			BBM 170165 GHS 200082	110 63	90 46	99 37	97 38	101 29	92 40	87 46	96 25	91 37	96 26	101 25	108 0.09	109 -2.8	101 24	90 9.5	99 3.5	89 47	85 11.9	98 71	95 23	110 -54	87 -0.4	88 5.7	98 -7.9	94 0.4	111 38.5	112 7	101 15	103 0.95	93 -1.08	105 0.38
GHS 240098 98241961			GHS 200034 GHS 140024	98 86	93 86	112 84	118 83	118 82	112 78	101 85	107 82	112 79	97 81	81 -2	98 1.18	88 0.0	84 -2	93 11.2	112 7.4	114 108	102 26.5	104 96	140 132	101 -38	96 0.1	105 16.0	117 -18.7	109 -2.2	113 39.6	100 -4	96 10	100 0.71	107 1.13	104 0.29
GHS 240101 98241995	1		WWP 140129 GHS 180017	95 88	105 89	82 87	112 87	89 85	90 80	99 88	85 84	87 81	91 85	85 3	94 1.59	92 -0.5	88 4	105 17.5	82 -1.8	95 62	101 26.2	87 30	89 10	81 -5	120 1.4	102 14.1	90 -3.2	87 1.7	108 36.6	67 -29	73 -10	89 -0.42	122 3.60	96 -0.39

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
			Sire ID Dam ID																															
GHS 240104 98242274	4	 GHS 190138  GHS 160048		97 86	98 86	84 84	93 84	105 82	87 78	82 85	91 82	85 79	83 82	96 18	101 0.87	94 -0.7	107 32	98 13.8	84 -1.3	81 27	99 24.3	85 24	135 121	92 -24	104 0.6	89 6.3	95 -6.1	106 -1.6	113 39.4	84 -16	78 -6	91 -0.23	94 -0.84	84 -1.42
GHS 240107 98242035	3	 WWP 150106  GHS 130115		78 88	111 88	94 86	90 86	102 84	93 80	96 87	107 84	95 81	105 84	108 35	85 2.55	80 1.1	111 38	111 20.6	94 1.8	99 70	111 35.1	106 100	148 151	99 -34	117 1.3	95 9.9	90 -3.2	101 -0.7	117 42.3	92 -9	95 9	108 1.52	122 3.59	95 -0.46
GHS 240108 98242043	2	 GHS 190107  GHS 170113		87 87	115 87	91 85	93 85	109 83	105 79	106 86	100 82	104 80	104 82	102 26	85 2.52	98 -1.4	107 33	115 22.9	91 0.8	102 78	109 32.8	101 82	94 21	93 -25	132 2.1	91 7.3	98 -7.9	106 -1.6	115 41.1	93 -9	96 10	102 0.87	110 1.62	106 0.45
GHS 240109 98242050	2	 WWP 140129  GHS 170024		86 89	105 89	100 87	91 87	103 85	96 81	98 88	85 85	92 82	89 85	106 32	82 2.85	104 -2.2	109 36	105 17.8	100 3.8	100 74	105 29.3	96 65	93 20	97 -31	109 0.8	81 1.4	100 -9.0	108 -2.0	97 29.8	96 -6	88 3	102 0.93	113 2.17	96 -0.37
GHS 240115 98242092	1	 BBM 150051  GHS 180084		102 91	100 91	89 89	112 89	86 88	90 83	98 90	93 88	89 84	88 87	85 3	99 1.06	101 -1.8	88 4	100 14.9	89 0.3	97 65	92 17.4	95 61	86 2	115 -61	130 2.0	87 5.0	89 -3.0	90 1.2	102 32.9	84 -15	82 -3	84 -0.93	111 1.84	110 0.81
GHS 240116 98242100	26	 WWP 140129  GHS 200083		99 88	108 88	84 86	96 86	117 84	106 80	99 87	90 84	102 81	107 84	99 23	96 1.35	106 -2.4	104 28	108 19.4	84 -1.3	92 53	109 32.7	91 45	102 40	96 -30	115 1.2	120 24.6	111 -15.1	116 -3.4	106 35.5	76 -22	83 -2	112 1.83	138 6.04	109 0.73
GHS 240118 98242126	13	 GHS 190107  GHS 180068		91 87	115 87	70 85	93 85	97 83	91 79	98 86	86 82	88 80	93 83	103 28	86 2.40	113 -3.3	108 34	115 22.9	70 -5.3	85 37	108 32.0	85 23	95 24	78 -1	104 0.6	72 -3.7	97 -7.6	98 -0.2	101 32.4	89 -12	85 0	87 -0.59	129 4.59	101 0.06
GHS 240121 98242753		 WWP 150106  GHS 170108		104 88	85 88	72 86	107 86	118 84	81 80	67 87	94 84	81 81	88 84	92 12	107 0.27	92 -0.5	93 12	85 6.9	72 -4.8	64 -13	94 20.1	93 53	107 52	102 -41	107 0.7	100 12.5	119 -19.9	104 -1.4	118 42.7	89 -12	82 -2	98 0.50	117 2.78	118 1.47
GHS 240125 99697393	3	WWP 140129 GHS 150119		87 68	98 58	88 50	106 50	101 38	86 49	87 57	83 27	82 45	88 33	89 9	89 2.17	86 0.3	93 12	98 13.7	88 0.0	91 51	100 24.7	82 11	96 26	79 -2	119 1.4	89 6.1	96 -6.6	106 -1.7	103 33.6	81 -18	74 -10	90 -0.29	121 3.29	108 0.62
GHS 240127 98242787	3	 WWP 140129  GHS 120138		80 88	104 88	64 86	85 85	124 84	81 80	74 87	108 83	84 81	105 83	105 30	80 3.08	99 -1.4	120 51	104 17.2	64 -7.4	67 -7	112 35.6	106 103	119 82	98 -33	105 0.6	108 17.4	105 -12.2	127 -5.3	113 39.7	78 -21	86 1	87 -0.58	138 6.04	122 1.81
GHS 240129 98242803		 GHS 190138  GHS 170015		85 86	103 86	117 84	98 84	107 82	105 78	103 85	99 82	103 79	100 82	96 18	91 1.96	79 1.3	100 22	103 16.3	117 8.8	117 114	99 24.1	103 89	108 54	95 -29	108 0.8	113 20.5	101 -9.5	105 -1.5	113 39.5	105 1	98 12	82 -1.09	117 2.72	102 0.10
GHS 240132 98242837	8	 WWP 150106  GHS 150134		86 91	95 91	94 89	99 89	100 88	82 83	80 90	111 88	86 84	102 88	98 21	96 1.43	72 2.2	100 22	95 12.1	94 1.8	90 48	98 23.2	116 140	125 96	109 -52	123 1.6	101 13.3	103 -10.8	101 -0.7	100 32.0	104 0	97 11	93 -0.05	128 4.52	116 1.33

Breeding Values and Accuracies: Cows & Heifers

Value <80 Value >120

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Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass		
ID 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 Thickn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
			Sire ID Dam ID																															
GHS 240133 98242845	16		GHS 190107 GHS 210112	94 87	112 86	83 84	91 84	100 83	97 78	101 86	92 82	95 79	105 82	101 25	92 1.78	105 -2.3	110 36	112 21.4	83 -1.4	92 55	113 36.5	90 40	105 47	91 -22	130 2.0	108 17.8	98 -8.0	94 0.4	113 39.5	81 -18	87 2	112 1.87	121 3.30	99 -0.17
GHS 240140 98242902		GHS 190107 GHS 160125		108 86	74 86	72 84	132 84	98 83	69 78	63 85	74 82	66 79	68 82	65 -24	111 -0.20	83 0.7	75 -15	74 0.9	72 -5.0	58 -28	77 4.3	66 -51	119 81	58 33	107 0.7	80 1.0	98 -7.7	95 0.4	110 37.9	50 -43	44 -36	72 -2.15	114 2.33	116 1.31
GHS 240148 98242977	7		WWP 150106 GHS 170031	104 89	87 89	91 87	98 87	106 85	85 81	76 88	84 85	82 82	82 85	97 19	107 0.23	96 -1.0	101 24	87 8.2	91 1.0	80 25	92 17.5	94 55	128 104	118 -66	114 1.1	112 19.7	104 -11.6	107 -1.8	105 34.6	85 -15	81 -3	92 -0.07	116 2.60	106 0.45
GHS 240152 98844103		WWP 150106 GHS 190070		78 89	95 89	93 87	107 87	104 85	82 81	82 88	85 85	80 82	84 85	92 13	86 2.49	66 3.0	92 10	95 12.4	93 1.6	94 58	92 18.2	89 37	98 31	90 -20	134 2.2	80 0.9	104 -11.6	102 -0.9	106 35.7	87 -13	85 0	82 -1.14	112 1.90	90 -0.92
GHS 240154 98243017	1		BBM 170165 GHS 190037	118 88	99 88	88 86	111 86	110 84	111 80	102 87	100 84	109 81	88 84	89 9	114 -0.51	115 -3.5	88 5	99 14.5	88 0.0	95 61	94 19.9	99 76	84 -4	114 -60	97 0.2	75 -2.4	110 -15.1	106 -1.6	109 37.3	109 4	91 6	104 1.04	95 -0.71	98 -0.21
GHS 250001 98661341	1		BBM 170165 GHS 170044	83 87	112 86	88 86	104 86	86 84	91 79	104 86	90 84	89 80	101 84	98 21	84 2.62	83 0.7	94 14	112 21.6	88 0.0	105 84	104 28.6	91 45	81 -11	102 -41	107 0.7	86 4.4	92 -4.3	81 2.8	109 37.6	106 1	96 10	106 1.27	104 0.68	107 0.52
GHS 250003 98661358	3		WWP 150106 GHS 190103	87 88	125 88	90 86	79 86	103 85	108 80	116 87	97 84	106 81	103 85	123 54	92 1.77	95 -1.0	126 60	125 28.2	90 0.5	100 74	116 39.2	100 80	113 67	111 -55	114 1.1	100 13.0	97 -7.1	105 -1.5	103 33.8	117 10	114 26	96 0.31	100 0.04	95 -0.44
GHS 250005 98661374	1		BBM 170165 GHS 160055	93 88	93 88	96 86	111 86	105 85	92 80	88 87	92 85	90 81	78 84	86 5	96 1.39	84 0.6	88 5	93 11.3	96 2.4	96 64	92 17.5	94 58	136 123	132 -90	66 -1.6	94 9.2	109 -14.4	101 -0.7	107 36.2	106 2	90 5	107 1.36	94 -0.87	104 0.30
GHS 250014 99223679	2		GHS 200071 GHS 220021	121 63	79 64	84 41	128 43	120 27	99 47	80 57	96 20	97 42	89 22	78 -6	120 -1.11	105 -2.3	78 -11	79 3.6	84 -1.1	75 14	85 11.6	94 58	94 22	94 -27	117 1.3	91 7.1	110 -14.7	113 -3.0	117 42.3	75 -23	80 -4	82 -1.11	135 5.51	112 0.96
GHS 250022 99694051			GHS 210113 GHS 220011	77 59	114 59	90 36	89 28	115 22	101 41	99 51			107 17	106 32	73 3.85	86 0.3	112 40	114 22.6	90 0.5	98 68	112 35.8	108 110	97 29	105 -45	104 0.6	105 15.8	108 -13.6	111 -2.5	111 38.2	104 0	103 16	105 1.16	109 1.43	105 0.37
GHS 250028 99287237	3		GHS 210113 GHS 220062	87 64	114 64	81 42	97 44	101 26	96 47	101 57			99 23	87 2.31	94 -0.8	103 26	114 22.3	81 -2.2	95 61	108 31.7	95 61	111 63	100 -36	114 1.1	104 15.2	90 -3.6	101 -0.8	113 39.9	98 -5	100 13	107 1.43	115 2.39	103 0.16	
GHS 250029 99287245	1		GHS 200071 GHS 220078	119 64	88 52	89 39	126 38	115 26	107 42	93 50	96 20	104 38	94 22	76 -9	116 -0.71	109 -2.8	79 -8	88 8.4	89 0.4	89 47	88 14.4	93 52	88 6	92 -24	118 1.3	97 11.1	102 -10.2	112 -2.7	117 42.1	84 -16	84 0	94 0.11	126 4.21	107 0.56

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	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
GHS 250030 99287252	1	GHS 210113 GHS 220084		77 64	108 64	87 42	96 44	110 26	93 47	92 57	85 20	89 42	90 22	96 19	80 3.03	82 0.9	103 26	108 19.1	87 -0.2	95 61	106 29.9	85 24	96 27	102 -39	110 0.9	96 10.2	102 -10.2	106 -1.6	114 40.1	90 -11	88 3	96 0.23	113 2.14	95 -0.50
GHS 250032 99694069	2	GHS 200071 GHS 220039		85 61	114 62	86 39	92 42	114 25	103 45	101 55	114 20	105 40	103 22	107 32	87 2.31	92 -0.5	109 35	114 22.2	86 -0.6	96 64	110 33.9	115 134	94 21	110 -54	106 0.6	98 11.7	105 -11.8	109 -2.2	115 40.8	104 0	106 19	92 -0.07	110 1.71	99 -0.17
GHS 250033 99326951	2	GHS 200071 GHS 220093		110 63	92 64	94 40	128 43	112 27	109 46	100 57			88 18	73 -12	108 0.16	100 -1.6	77 -12	92 10.8	94 1.9	101 75	93 18.6	91 46	77 -20	87 -15	112 1.0	96 10.6	103 -10.5	104 -1.3	119 43.5	84 -16	87 2	92 -0.16	107 1.10	98 -0.22
GHS 250040 99391575		BBM 150051 GHS 160053		114 67	82 54	89 54	126 53	91 35	85 48	83 56	89 28	83 44	87 28	74 -12	115 -0.63	94 -0.7	79 -9	82 5.4	89 0.4	83 33	76 3.8	93 52	88 8	112 -57	102 0.4	92 7.9	94 -5.7	97 0.0	92 27.0	90 -11	88 3	86 -0.75	101 0.20	110 0.79
GHS 250044 99391591	25	WWP 140129 GHS 180033		87 69	95 57	91 47	103 50	106 35	86 48	83 56	83 26	83 44	96 35	91 12	88 2.23	88 0.0	95 15	95 12.1	91 0.9	90 48	98 23.0	84 19	82 -7	76 3	127 1.8	94 9.2	103 -11.0	108 -2.0	99 31.2	75 -23	76 -8	97 0.33	141 6.57	114 1.11
GHS 250046 99694077		BBM 150051 GHS 190145		114 64	80 49	104 43	106 42	96 34	86 43	80 49	89 28	84 40	89 28	86 5	115 -0.56	102 -1.8	92 10	80 4.1	104 4.9	88 45	73 0.8	93 54	89 9	111 -54	102 0.4	93 8.4	96 -6.8	97 0.1	101 32.2	96 -6	92 7	87 -0.65	104 0.62	114 1.10
GHS 250047 99694085		WWP 150106 GHS 200028		89 61	92 62	96 43	95 48	114 29	88 47	79 57	87 22	86 42	93 32	102 26	93 1.69	89 -0.1	104 28	92 10.7	96 2.5	87 42	86 12.2	91 46	94 22	90 -20	117 1.2	98 11.9	111 -15.5	108 -2.1	105 35.1	95 -7	93 7	90 -0.35	108 1.36	106 0.43
GHS 250048 99391609	1	WWP 140129 GHS 170083		101 69	98 58	90 54	96 55	115 34	99 50	89 59	84 24	94 45	93 32	100 23	102 0.74	100 -1.6	104 28	98 13.8	90 0.7	88 44	102 27.0	83 13	109 57	76 2	119 1.4	92 7.8	110 -15.1	118 -3.7	101 32.7	84 -16	81 -3	94 0.09	127 4.34	114 1.16
GHS 250049 99391617	1	BBM 150051 GHS 210125		102 68	94 59	94 53	93 55	94 38	85 51	85 59	87 31	83 47	92 32	103 27	103 0.66	103 -2.0	107 33	94 12.0	94 1.8	86 40	93 18.6	91 45	86 2	105 -45	112 1.0	95 10.0	92 -4.4	102 -0.9	96 29.6	87 -13	87 2	91 -0.23	117 2.67	120 1.66
GHS 250052 99455503	1	BBM 150051 GHS 170113		104 70	97 61	107 58	104 56	87 39	95 53	99 61	98 32	94 49	95 30	91 11	107 0.26	92 -0.5	94 13	97 13.2	107 5.9	107 90	92 18.0	102 86	90 10	119 -68	109 0.8	92 7.9	88 -2.1	96 0.1	93 27.6	99 -4	98 12	93 -0.01	108 1.25	107 0.53
GHS 250054 99455511	3	BBM 150051 GHS 200060		77 69	110 60	109 54	102 55	94 41	99 52	108 60	92 34	97 48	90 32	85 3	73 3.79	78 1.3	96 16	110 20.1	109 6.4	119 119	99 24.1	98 71	88 6	124 -76	101 0.4	99 12.5	95 -6.0	100 -0.5	98 30.6	96 -6	92 6	91 -0.21	110 1.58	114 1.14
GHS 250057 99673279	1	BBM 150051 GHS 210007		127 69	81 60	103 54	105 55	103 39	97 52	86 60	95 32	96 48	91 30	84 2	128 -1.99	111 -3.0	93 12	81 4.9	103 4.7	88 45	82 8.9	97 69	89 9	113 -58	103 0.5	96 10.2	107 -12.8	106 -1.5	96 29.6	101 -2	89 4	85 -0.79	106 0.96	120 1.59

Breeding Values and Accuracies: Cows & Heifers

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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
			Sire ID Dam ID																															
GHS 250059 99694093		BBM 150051 GHS 190086		113 62	80 49	104 43	106 42	95 34	86 43	80 49	89 28	84 40	89 28	86 5	113 -0.42	102 -1.9	92 10	80 4.5	104 4.9	89 46	73 1.2	93 54	89 9	111 -54	102 0.4	93 8.4	96 -6.8	97 0.1	98 30.7	96 -6	92 7	87 -0.65	104 0.62	114 1.10
GHS 250064 99455560	1	BBM 150051 GHS 180084		101 69	98 60	94 54	108 55	92 40	93 52	96 60	90 33	90 48	87 33	87 6	101 0.90	96 -1.0	90 8	98 14.0	94 1.9	98 69	91 17.4	93 53	87 5	113 -57	115 1.1	86 4.6	91 -4.1	101 -0.7	96 29.4	88 -13	85 0	85 -0.80	105 0.83	109 0.67
GHS 250065 99455578		BBM 150051 GHS 150132		92 68	95 55	111 56	99 54	94 35	90 49	93 57	94 28	89 45	93 28	95 16	94 1.60	89 -0.2	99 20	95 12.0	111 7.1	105 85	88 14.3	97 68	94 22	115 -62	103 0.5	93 8.9	92 -4.3	100 -0.5	95 29.0	102 -1	99 13	88 -0.50	103 0.52	114 1.13
GHS 250066 99461998		BBM 150051 GHS 190034		88 65	98 51	109 50	92 52	95 34	90 46	93 53	91 28	88 42	95 28	99 22	89 2.08	94 -0.7	106 32	98 13.8	109 6.6	102 79	88 13.8	95 60	86 2	113 -59	101 0.4	100 13.0	92 -4.7	98 -0.3	101 32.6	97 -5	94 8	91 -0.21	111 1.80	119 1.52
GHS 250072 99462053	1	WWP 140129 GHS 190095		102 69	97 60	96 54	104 56	106 35	99 51	95 60	91 26	96 46	97 32	94 16	100 0.95	102 -1.8	94 14	97 13.5	96 2.4	97 65	102 26.7	91 44	102 41	90 -20	110 0.9	98 11.9	101 -9.7	109 -2.2	101 32.5	88 -13	86 1	99 0.54	127 4.38	111 0.88
GHS 250074 99462079	1	BBM 150051 GHS 210115		96 68	97 59	91 53	103 54	95 37	87 50	88 59	97 30	87 46	93 29	90 10	100 0.95	86 0.3	95 15	97 13.1	91 1.0	92 53	95 20.2	99 74	105 49	116 -63	103 0.5	92 8.3	97 -7.5	102 -0.9	93 27.8	98 -5	95 9	90 -0.28	107 1.23	112 0.99
GHS 250079 99462095	1	BBM 150051 GHS 210008		110 69	93 59	96 54	112 55	93 38	95 51	96 59	88 31	92 47	85 30	85 3	106 0.38	110 -2.9	87 3	93 11.2	96 2.6	97 66	89 14.8	92 50	89 10	114 -60	103 0.5	98 11.6	92 -4.3	101 -0.7	99 31.0	90 -11	86 1	84 -0.92	107 1.19	113 1.06
GHS 250080 99462103	1	BBM 150051 GHS 190051		75 69	111 59	108 52	92 54	92 38	94 51	104 59	98 32	93 47	94 30	102 26	74 3.67	81 1.0	107 33	111 20.6	108 6.0	112 102	105 29.3	99 77	99 32	116 -63	104 0.6	92 7.8	92 -4.4	100 -0.6	93 27.8	99 -4	98 12	90 -0.31	107 1.12	112 0.99
GHS 250081 99462111		WWP 140129 GHS 150154		92 68	84 56	89 56	107 55	106 33	76 49	70 58	83 23	74 44	92 31	83 1	94 1.58	85 0.5	92 10	84 6.4	89 0.3	79 22	83 9.8	85 21	92 17	79 -2	119 1.4	91 7.6	106 -12.3	104 -1.3	98 30.4	82 -18	80 -4	92 -0.14	126 4.22	107 0.51
GHS 250084 99462137	3	BBM 150051 GHS 220096		125 69	86 60	95 54	116 51	94 40	96 51	92 59	96 32	95 47	90 32	80 -4	121 -1.25	117 -3.9	85 0	86 7.4	95 2.2	90 48	85 11.4	98 74	93 19	116 -63	114 1.1	89 6.0	98 -7.9	96 0.1	99 31.4	88 -13	87 2	90 -0.36	120 3.28	117 1.41
GHS 250086 99462145	1	GHS 210113 GHS 190111		75 65	101 52	94 42	108 44	115 26	94 43	90 51	95 20	93 38	95 22	86 4	79 3.21	71 2.3	90 8	101 15.3	94 1.9	101 76	98 23.5	93 54	104 46	94 -27	113 1.0	95 9.9	109 -14.2	109 -2.2	111 38.6	87 -13	91 6	101 0.78	115 2.37	106 0.42
GHS 250091 99462178	5	GHS 210113 GHS 200056		96 65	92 52	82 42	111 44	117 26	92 43	81 51			94 24	85 3	99 1.12	87 0.2	89 6	92 10.7	82 -1.7	82 30	87 13.4	90 42	101 38	92 -23	120 1.4	92 8.0	112 -15.8	112 -2.7	108 36.6	85 -15	87 2	100 0.66	119 3.08	108 0.62

Breeding Values and Accuracies: Cows & Heifers

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass		
ID	Inbreeding	Genomic	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	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
Animal no	%	Parentage	EBV Acc	Sire ID	Dam ID																													
GHS 250092				GHS 210113																														
99462186	14			GHS 180035		106	90	87	107	115	95	84	96	87	104	103	92	90	87	84	88	87	91	85	120	92	108	111	107	81	84	104	126	109
						66	52	43	45	27	44	52	23	5	0.53	-2.0	10	9.8	-0.2	34	14.1	29	15	-12	1.4	7.8	-13.8	-2.5	36.2	-19	0	1.04	4.23	0.73
														46	71	54	45	52	43	47	50	24	15	11	29	28	25	14	42	27	24	22	24	22
GHS 250095				GHS 210113		110	79	85	104	111	81	67	92	92	111	100	95	79	85	69	75	87	99	88	110	91	111	108	97	87	89	100	111	105
99462210				GHS 160032		65	46	42	42	23	40	48	17	12	-0.22	-1.6	15	3.9	-1.0	-1	2.8	32	33	-16	0.9	7.5	-15.5	-2.0	30.2	-13	3	0.72	1.77	0.33
														42	70	52	42	46	42	43	36	19	13	9	22	22	19	12	39	21	19	16	18	16
GHS 250105				BBM 150051		116	80	104	109	94	88	83	90	87	117	103	89	80	104	90	73	94	98	112	102	94	96	97	95	97	93	88	104	114
99550931				GHS 160011		67	53	53	53	35	48	55	28	5	-0.76	-2.0	6	4.3	5.0	49	0.5	57	31	-57	0.4	8.9	-6.8	0.1	28.6	-6	8	-0.55	0.61	1.11
														53	71	59	53	53	53	53	50	45	25	10	48	47	35	21	50	47	46	27	29	27
GHS 250109				WWP 140129		111	91	93	115	104	99	94	88	84	108	107	86	91	93	94	94	88	97	83	123	89	103	109	94	83	80	94	128	109
99550956	1			GHS 190037		69	58	51	54	35	50	58	26	2	0.15	-2.5	1	10.3	1.7	58	19.7	33	29	-9	1.6	6.1	-10.9	-2.2	28.3	-17	-4	0.06	4.41	0.69
														52	73	60	54	58	51	54	58	35	17	15	43	41	34	20	52	40	36	31	35	31
GHS 250110				BBM 150051		97	98	99	107	97	95	96	92	83	100	87	91	98	99	103	93	96	99	122	107	99	95	102	101	91	89	89	107	113
99550964	3			GHS 210052		69	59	52	51	40	51	58	34	1	1.01	0.2	9	13.9	3.5	79	18.3	63	32	-73	0.7	11.9	-6.1	-1.0	32.3	-10	4	-0.45	1.21	1.04
														54	73	59	51	59	52	54	58	50	33	15	54	53	43	26	52	53	51	31	33	31
GHS 250112				WWP 140129		107	88	94	107	111	94	85	82	92	106	103	91	88	94	87	88	85	94	81	115	98	106	112	99	83	81	98	122	114
99550972				GHS 190094		67	56	50	54	32	48	56	23	13	0.35	-2.0	9	8.5	1.8	43	14.3	21	20	-5	1.1	11.6	-12.8	-2.7	31.1	-17	-3	0.48	3.60	1.12
														53	72	59	54	56	50	53	57	30	14	13	38	36	32	17	48	35	31	29	33	29
GHS 250116				BBM 150051		105	90	100	106	94	89	87	95	86	112	84	92	90	100	95	87	101	80	122	106	95	97	99	95	97	91	88	112	118
99567570	3			GHS 150134		70	61	58	56	40	53	61	33	5	-0.23	0.5	11	9.6	3.7	60	13.4	82	-12	-72	0.6	9.9	-7.6	-0.4	28.9	-5	6	-0.55	1.88	1.49
														56	74	62	56	61	58	58	60	50	33	14	53	53	41	26	54	52	51	30	32	31
GHS 250118				WWP 140129		90	90	98	104	107	87	81	87	92	91	90	94	90	98	92	88	88	97	81	118	96	105	105	101	85	85	96	126	109
99571820				GHS 190082		62	47	41	42	32	42	48	23	13	1.97	-0.3	13	9.4	3.2	53	14.2	32	29	-6	1.3	10.5	-11.9	-1.4	32.3	-15	0	0.24	4.11	0.73
														42	67	51	42	47	41	43	47	30	14	13	38	36	32	17	47	35	31	29	33	29
GHS 250119				WWP 140129		106	91	89	109	103	91	86	93	86	105	101	90	91	89	87	96	92	102	86	120	95	100	107	100	81	81	95	133	112
99567596	2			GHS 190090		69	58	51	55	37	50	58	28	5	0.46	-1.8	7	10.1	0.3	41	21.8	49	40	-13	1.4	9.7	-9.2	-1.7	31.9	-19	-4	0.22	5.26	0.98
														54	73	60	55	58	51	55	58	36	18	17	44	42	38	21	52	40	36	32	36	32
GHS 250120				WWP 140129		117	89	86	108	108	96	87	94	86	113	117	91	89	86	82	90	94	92	84	116	95	100	108	106	82	85	104	135	117
99567604				GHS 200041		69	58	53	55	35	50	58	27	5	-0.33	-3.8	8	9.3	-0.6	30	16.0	56	16	-10	1.2	9.9	-9.0	-2.0	35.7	-17	0	1.09	5.59	1.37
														54	73	60	55	58	53	55	58	35	17	17	43	40	35	19	51	39	35	32	36	32
GHS 250122				GHS 200071		116	89	86	114	118	103	88	88	80	113	109	86	89	86	84	90	86	93	92	116	95	105	115	117	84	79	80	125	108
99673261	2			GHS 220060		64	65	42	44	29	48	58	21	-3	-0.40	-2.8	2	9.2	-0.5	35	16.2	27	19	-23	1.2	10.0	-12.0	-3.1	41.8	-15	-5	-1.36	4.01	0.59
														42	70	51	44	65	42	50	48	26	17	14	31	30	29	16	42	29	26	21	23	21
GHS 250123				WWP 140129		87	107	87	105	104	96	98	91	90	88	87	94	107	87	98	104	91	100	94	121	98	93	108	105	85	85	99	129	107
99707184	5			GHS 200057		69	60	54	56	38	51	60	28	10	2.27	0.2	13	18.5	-0.4	69	28.5	46	36	-27	1.5	11.8	-5.3	-2.0	35.1	-15	0	0.61	4.68	0.54
														56	73	61	56	60	54	57	60	37	26	17	45	43	40	22	53	42	38	32	36	33

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 Thickn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
			Sire ID Dam ID																															
GHS 250125 99707192	2	BBM 150051 GHS 220006		125 69	86 60	83 53	104 55	101 38	91 51	82 59	86 32	88 47	85 32	89 8	122 -1.32	120 -4.3	95 15	86 7.7	83 -1.5	74 12	83 9.5	96 63	80 -11	116 -63	110 0.9	87 5.2	100 -8.8	106 -1.6	102 33.2	90 -11	86 1	86 -0.76	116 2.55	108 0.65
GHS 250127 99707218	1	BBM 150051 GHS 220004		96 68	95 59	108 53	101 55	95 38	93 51	94 59	102 31	93 47	92 30	91 12	100 0.97	87 0.2	96 17	95 12.3	108 6.1	104 83	95 20.7	102 88	103 42	122 -73	106 0.6	96 10.4	96 -6.7	100 -0.6	98 30.7	100 -3	94 8	82 -1.09	106 1.08	121 1.74
GHS 250131 99707259	2	BBM 150051 GHS 210101		87 68	98 60	104 53	110 54	92 39	91 51	97 59	91 32	89 47	89 32	84 2	90 2.07	80 1.1	88 5	98 13.9	104 5.0	109 95	94 20.0	95 60	95 24	117 -65	118 1.3	90 6.7	93 -5.0	99 -0.3	97 30.3	90 -11	88 3	89 -0.45	113 2.06	113 1.00
GHS 250132 99707267	1	GHS 210113 GHS 210001		76 65	103 53	96 45	110 45	116 27	99 44	95 52	92 20	96 39	97 22	83 0	73 3.75	69 2.6	89 5	103 16.5	96 2.6	106 88	98 23.6	94 58	93 19	90 -20	116 1.2	94 8.9	114 -16.9	109 -2.1	108 36.7	88 -12	91 5	103 1.01	120 3.18	106 0.48
GHS 250138 99707291	2	BBM 150051 GHS 160055		92 68	92 57	96 56	112 55	90 39	82 51	87 58	81 32	79 47	76 31	79 -4	95 1.50	82 0.9	88 4	92 10.8	96 2.4	95 62	85 11.2	88 34	101 38	121 -71	97 0.1	94 9.1	93 -5.3	100 -0.6	90 25.8	92 -9	83 -2	83 -1.01	104 0.77	117 1.41
GHS 250140 99707317	1	BBM 150051 GHS 190135		100 69	98 60	104 56	101 55	96 38	97 52	98 60	97 31	96 48	91 30	92 12	99 1.13	102 -1.9	97 17	98 13.8	104 5.0	103 81	95 20.9	99 77	90 11	118 -67	91 -0.2	100 12.9	90 -3.6	105 -1.4	101 32.4	97 -5	92 7	89 -0.39	106 1.07	120 1.63
GHS 250141 99707325	1	WWP 140129 GHS 170012		79 69	117 70	93 57	95 56	98 38	99 55	108 66	91 27	97 49	102 33	104 29	71 4.01	87 0.1	104 28	117 23.8	93 1.5	107 90	111 34.7	92 49	87 3	89 -18	116 1.2	99 12.4	95 -6.4	100 -0.5	102 33.0	95 -7	95 9	104 1.12	122 3.53	106 0.48
GHS 250142 99707333	3	GHS 210113 GHS 160019		100 67	98 66	75 48	123 46	117 29	101 50	93 60			87 20	78 -6	95 1.46	102 -1.9	82 -4	98 13.8	75 -3.9	85 37	90 16.1	82 12	110 59	87 -15	112 1.0	90 6.7	115 -17.6	115 -3.1	103 33.7	91 -10	89 4	95 0.23	109 1.48	100 -0.03
GHS 250145 99807786		BBM 150051 GHS 160012		116 68	79 54	108 55	104 53	95 36	87 49	81 56	89 28	86 45	91 28	88 7	117 -0.76	105 -2.3	94 13	79 3.9	108 6.2	90 50	73 1.2	94 56	83 -5	110 -53	102 0.4	93 8.6	95 -6.5	96 0.1	98 30.8	97 -6	93 8	88 -0.48	104 0.61	114 1.11
GHS 250146 99807794	26	WWP 140129 GHS 210112		80 69	113 69	87 53	94 55	99 38	94 54	101 64	91 27	92 49	103 35	102 26	74 3.65	93 -0.6	106 31	113 22.1	87 -0.2	99 70	115 38.4	91 46	98 30	88 -16	132 2.1	105 15.8	95 -6.4	101 -0.8	104 34.2	84 -16	88 3	105 1.23	139 6.24	110 0.81
GHS 250150 99807836	3	BBM 150051 GHS 200052		100 68	95 69	93 53	101 55	99 39	89 54	87 64	87 32	86 50	86 32	101 24	104 0.61	92 -0.6	98 19	95 12.1	93 1.5	90 49	90 15.9	92 47	84 -3	114 -59	111 0.9	94 9.0	100 -9.2	103 -1.1	99 31.5	90 -11	86 2	84 -0.88	109 1.48	112 1.00
GHS 250152 99807851	1	BBM 150051 GHS 200063		102 69	88 69	102 55	113 55	98 39	92 55	89 65	88 32	89 50	80 30	82 -1	104 0.58	89 -0.2	86 2	88 8.6	102 4.5	98 69	88 14.2	91 44	91 14	114 -59	95 0.1	96 10.5	106 -12.7	98 -0.3	98 30.5	96 -7	85 1	86 -0.72	97 -0.36	112 1.00

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 Thickn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
			Sire ID Dam ID																															
GHS 250155 99899429		GHS 180077		102 59	83 58	88 35	122 36	118 24	92 42	78 51			78 17	81 -2 36	102 0.82 65	91 -0.4 46	83 -4 36	83 5.8 58	88 -0.1 35	81 27 43	85 11.4 36	79 -2 18	101 38 13	78 -1 9	102 0.5 22	89 6.0 21	108 -13.7 23	131 -6.0 14	88 24.5 34	84 -16 21	78 -6 19	80 -1.29 16	110 1.70 18	107 0.53 16
GHS 250160 99899569		GHS 230088		80 56	99 33	91 24	102 24	109 18	88 29	86 34			86 14	95 17 23	82 2.81 63	82 0.8 38	97 18 24	99 14.6 33	91 1.1 24	93 58 27	98 23.1 34	78 -3 15	96 25 10	75 5 7	98 0.2 17	94 9.3 16	102 -10.4 16	121 -4.3 9	88 24.4 28	86 -14 16	84 0 15	94 0.12 13	100 0.09 14	111 0.83 13
GHS 250163 99899478	8	GHS 200071 GHS 170031		111 66	83 67	98 49	114 46	111 32	95 50	83 61	100 22	95 44	86 20	78 -6 45	110 -0.10 71	100 -1.6 54	86 2 46	83 5.8 67	98 3.0 49	89 46 54	88 14.1 50	100 81 29	108 56 27	113 -58 15	100 0.3 33	101 13.1 32	102 -10.4 31	108 -1.9 20	115 40.8 45	90 -11 31	90 4 29	88 -0.50 20	118 2.90 21	104 0.31 21
GHS 250165 99899486	2	GHS 200071 GHS 160119		98 65	98 66	86 47	98 45	114 27	95 49	87 60	108 20	97 43	99 18	95 17 44	97 1.27 71	101 -1.7 53	101 23 45	98 14.0 66	86 -0.7 47	86 38 53	100 24.6 48	104 96 25	104 46 17	104 -43 14	95 0.1 30	100 12.8 29	101 -9.8 23	115 -3.2 15	108 36.7 44	98 -5 28	99 13 26	95 0.19 18	112 1.91 18	104 0.30 18
GHS 260002 99899510	3	GHS 200071 GHS 160105		102 66	95 67	100 47	107 45	121 31	107 50	95 60	100 21	106 44	93 18	86 4 44	101 0.88 72	100 -1.5 54	91 9 45	95 12.1 67	100 3.6 47	99 72 53	96 21.5 50	98 72 26	91 14 20	97 -31 14	106 0.6 31	92 8.1 30	103 -10.6 30	119 -4.0 19	118 42.5 45	92 -9 29	89 4 27	87 -0.63 18	113 2.15 19	102 0.12 18
GHS 260004 6020029267		GHS 200071 GHS 200026		94 62	93 64	82 41	130 41	123 22	101 45	89 57			83 16	72 -14 42	94 1.64 69	83 0.7 49	76 -13 41	93 11.3 64	82 -1.8 41	90 49 49	88 14.7 44	86 24 19	71 -34 15	83 -9 11	105 0.6 23	85 3.8 22	108 -13.8 18	119 -4.0 12	115 41.1 37	80 -19 21	80 -4 20	79 -1.41 15	119 3.08 16	101 0.02 15
GHS 260010 99983686	14	GHS 210113 GHS 200044		90 65	103 66	80 45	100 46	116 30	95 49	89 59	85 20	92 43	87 24	96 18 44	90 2.06 71	96 -1.0 53	99 21 46	103 16.5 66	80 -2.3 45	86 40 52	102 26.3 50	88 33 26	103 43 16	93 -25 11	115 1.1 31	92 8.1 30	112 -15.9 29	112 -2.7 16	109 37.3 44	80 -19 29	84 -1 26	105 1.18 22	123 3.64 25	104 0.26 22
GHS 260019 6020107592	2	GHS 210113 GHS 120138		98 67	90 67	74 50	96 47	119 31	81 51	68 61			84 19	95 16 42	102 0.73 72	92 -0.5 56	105 29 47	90 9.4 67	74 -4.3 50	66 -8 55	91 16.6 52	85 23 25	102 41 17	91 -22 11	109 0.8 30	88 5.6 29	110 -14.9 29	119 -3.9 17	106 35.5 47	79 -20 28	76 -8 25	85 -0.79 18	117 2.76 20	106 0.47 19
GHS 260021 6020107618		GHS 180097		100 38	92 59	98 38	105 36	110 24	96 39	89 49			73 18	92 12 36	100 0.99 39	97 -1.1 37	93 12 36	92 10.8 59	98 3.2 38	95 61 44	91 17.1 36	77 -8 19	111 63 11	74 6 12	107 0.7 22	90 6.5 21	107 -13.3 24	119 -4.0 15	87 24.0 33	82 -17 21	78 -6 19	76 -1.72 17	89 -1.60 19	99 -0.17 17

Selection List on Cow Value

Bulls 2 years and older

ID		Name	Sire ID	Dam ID	Visual Score	% 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								Q204X	nt821	F94L		Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc										
					Italics: DNA Test																										
												★★★★★																			
1	BBM 220243	BBM220243	BBM 160080	BBM 190303	8	4.9	HH(c)	0	0	0		99	87	117	87	99	84	93	84	115	82	122	78	117	86	99	84	118	79	104	81
												★★★★★																			
1	GHS 200071	GHS200071	LFR 140104	GHS 150140	8	1.6	HH(c)	0	0	0		109	91	90	90	85	85	128	85	125	84	108	81	92	89	108	83	108	81	94	83
2	GHS 220003	GHS220003	WWP 140129	GHS 120134	7	0.4	HH(c)	0	0	0		79	89	114	89	98	87	93	87	103	85	101	81	107	88	101	84	101	82	109	85
3	GHS 230003	GHS230003	BBM 170165	GHS 150117	8	2.0						81	69	110	68	110	53	92	53	106	37	106	53	107	63	99	30	104	48	97	30
4	GHS 230021	GHS230021	WWP 140129	GHS 160105	8	2.9	HH(c)	0	0	0		93	89	98	89	111	87	96	87	118	85	107	81	97	88	90	84	103	82	98	85
5	GHS 240035	GHS240035	BBM 170165	GHS 200024	0.9	HH(c)	1	0	0	0		83	88	117	88	90	86	89	86	106	84	102	80	105	87	98	84	101	81	101	84
6	GHS 240100	GHS240100	WWP 140129	GHS 210052	4.7							78	69	113	59	94	50	105	51	111	39	106	50	107	58	90	28	102	46	95	35
7	GHS 240102	GHS240102	GHS 190107	GHS 150148	14.9							80	67	110	67	95	50	105	48	114	33	106	51	105	61	89	22	102	45	97	22
8	GHS 240119	GHS240119	WWP 140129	GHS 190095	1.1							104	69	101	69	93	55	104	56	107	36	104	54	100	65	93	26	101	48	102	32
9	GHS 240136	GHS240136	OUH 160021	GHS 200057	0.4	HH(c)	1	0	0	0		93	88	103	88	105	85	107	85	94	84	101	79	104	87	91	84	98	80	93	83
10	GHS 240137	GHS240137	WWP 150106	GHS 190135	2.1							91	68	111	69	86	52	89	52	115	34	103	53	99	64	96	25	101	47	105	33
												★★★★																			
1	BBM 170165	BBM170165	BBM 130214	BBM 120149	9	1.9	HH(c)	1	0	0		101	96	110	97	88	95	93	95	89	94	95	88	103	96	103	94	96	89	98	93
2	CJS 220027	CJS220027	BBM 120122	WWP 140160	8	0.9		0				102	72	104	72	79	61	100	60	110	47	99	59	93	68	106	43	100	56	101	53
3	GHS 210113	GHS210113	WWP 140129	GHS 150148	7	4.5	HH(c)	0	0	0		77	92	106	91	75	87	104	87	120	86	93	82	87	90	86	85	89	83	95	85
4	GHS 230025	GHS230025	OUH 160021	GHS 160103	7	0.5						91	66	108	67	101	52	98	48	91	35	98	52	106	62	82	23	93	46	89	24
5	GHS 230045	GHS230045	BBM 170165	GHS 200078	6	0.6						104	67	98	68	98	51	99	52	104	34	99	52	96	63	94	28	97	47	89	30
6	GHS 230060	GHS230060	WWP 150106	GHS 180084	7	0.9						101	68	96	68	80	50	106	52	112	36	93	53	84	63	85	26	89	48	89	36
7	GHS 230061	GHS230061	BBM 170165	GHS 200056	6	0.7						94	67	108	67	88	48	99	51	103	32	99	51	100	61	101	28	99	46	99	30
8	GHS 230096	GHS230096	WWP 150106	GHS 190094	6	0.0						87	66	103	67	88	48	93	50	118	30	96	50	88	61	83	22	92	44	93	32
9	GHS 230112	GHS230112	BBM 150051	GHS 190061	6	0.0						109	66	94	66	96	54	101	53	96	36	93	52	92	62	92	28	91	47	101	28
10	GHS 230115	GHS230115	BBM 150051	GHS 210008	7	1.2	HH(c)	0	0	0		103	91	99	91	90	89	111	89	87	87	91	83	97	90	92	88	89	84	88	87
11	GHS 230127	GHS230127	WWP 150106	GHS 170113	7	0.6	HH(c)	0	0	0		84	88	107	89	96	86	91	86	101	85	93	80	96	88	102	84	94	81	104	84
12	GHS 230130	GHS230130	WWP 150106	GHS 170058	7	6.7						77	69	108	69	99	54	83	53	105	38	91	54	93	64	92	27	89	49	100	35
13	GHS 240047	GHS240047	WWP 150106	GHS 210001	0.6							91	67	96	68	91	51	106	52	116	33	95	52	86	63	92	26	93	47	99	34

Selection List on Cow Value

Bulls 2 years and older

ID Sorted on ID			Name	Sire ID	Dam ID	Visual Score	Horned / Polled Myostatin Q204X nt821 F94L <i>Italics: DNA Test</i>				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	GHS 240053	GHS240053	WWP 150106	GHS 210007	2.0						91	67	95	68	93	50	105	52	123	35	99	52	86	63	91	26	96	47	96	33	
15	GHS 240058	GHS240058	WWP 150106	GHS 220004	2.0						82	67	104	67	93	49	95	51	115	33	97	51	92	62	100	25	97	46	100	33	
16	GHS 240086	GHS240086	WWP 150106	GHS 200006	1.0						124	67	80	68	87	49	112	52	109	33	91	52	77	62	72	24	85	46	84	34	
17	GHS 240117	GHS240117	GHS 190107	GHS 160105	5.1						94	66	92	67	100	48	108	46	112	32	95	50	88	61	86	20	92	44	91	20	
18	GHS 240138	GHS240138	WWP 150106	GHS 170079	6.6						92	69	97	69	86	54	97	53	117	36	92	54	82	64	91	26	90	48	97	34	
											★★★★☆																				
1	BBM 150051	BBM150051	FCT 090175	JRB 020119	8	0.1	HH(c)	0	0	0	🇬🇧	108	97	92	98	95	94	110	94	81	92	85	88	91	97	89	92	83	89	84	90
2	GHS 230073	GHS230073	WWP 150106	GHS 190070	6	0.2						89	68	97	68	86	52	102	52	108	33	88	52	83	63	88	26	86	47	92	36
3	GHS 230125	GHS230125	BBM 170091	GHS 190058	7	0.0						90	63	90	63	96	44	99	44	109	27	85	47	78	57	84	24	82	42	91	12
4	GHS 240005	GHS240005	WWP 140129	GHS 190111	7	0.3						85	68	93	67	98	51	107	54	109	36	89	53	84	63	94	27	88	48	98	34
5	GHS 240080	GHS240080	WWP 140129	GHS 210079	2.0	HH(c)	0	0	0	🇬🇧	77	88	102	88	90	86	89	87	99	85	80	80	84	88	87	84	79	81	101	85	

Selection List on Cow Value

Cows 2 years and older

ID		Name	Sire ID	Dam ID	Visual Score	% 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								Q204X	nt821	F94L		Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc										
					★★★★★																										
1	GHS 210083	GHS210083	BBM 090009	GHS 180017	7	5.7						94	72	112	70	99	57	124	57	107	46	120	57	121	66	96	34	116	52	99	30
2	GHS 220073	GHS220073	OLI 120135	GHS 150095	7	1.9	HH(c)	0	0	0		112	87	81	87	119	85	137	87	134	83	125	79	100	87	81	82	117	80	78	82
3	GHS 230134	GHS230134	OUH 160021	GHS 150148	7	0.5	HH(c)	1	0	0		89	88	113	88	104	85	97	85	124	83	121	79	112	87	84	83	114	80	100	83
					★★★★★																										
1	GHS 150117	GHS150117	BBM 090009	GHS 120107	7	2.5						77	79	102	73	132	74	95	75	117	48	113	64	107	74	95	32	109	58	93	28
2	GHS 150148	GHS150148	BBM 090009	GHS 120134	8	0.4						79	81	111	76	111	78	103	76	122	48	117	66	112	77	99	33	114	59	97	30
3	GHS 160088	GHS160088				0.0						104	62	87	51	133	68	118	68	100	19	110	47	107	58						
4	GHS 180017	GHS180017	LFR 140104	GHS 150124	7	1.9						102	76	98	72	106	73	134	73	108	44	117	62	112	73	98	31	114	56	91	29
5	GHS 180024	GHS180024	LFR 140104	GHS 150147	7	1.6						97	73	104	70	102	66	121	71	101	43	110	60	111	70	104	30	109	54	102	28
6	GHS 180031	GHS180031		GHS 150148		0.0						83	72	105	66	105	65	114	68	119	29	112	55	105	67					84	15
7	GHS 190037	GHS190037	OLI 130264	GHS 090236	7	0.3						116	73	91	67	109	59	126	68	103	35	112	56	106	67	93	26	108	50	85	21
8	GHS 190095	GHS190095	OLI 130254	GHS 120092	6	1.0						106	75	99	72	112	70	102	72	107	35	111	60	105	72	98	25	108	53	95	20
9	GHS 190103	GHS190103	OLI 130264	GHS 140076	7	0.7						72	75	131	72	115	70	74	72	97	38	116	60	131	72	111	26	116	53	110	20
10	GHS 190135	GHS190135	OLI 130254	GHS 130115	6	0.5						100	75	101	72	112	70	94	71	112	36	110	60	104	72	105	25	109	53	97	20
11	GHS 200024	GHS200024	LFR 140104	GHS 170083	8	0.4						85	73	110	67	109	65	95	71	117	34	114	57	107	68	102	29	112	51	103	27
12	GHS 210007	GHS210007	OLI 120135	GHS 140011	6	0.3						107	73	90	71	115	65	100	71	124	40	112	59	95	70	102	26	110	52	98	20
13	GHS 220040	GHS220040	WWP 140129	GHS 180017		1.0	HH(c)	0	0	0		114	89	88	89	88	87	134	87	127	85	113	81	94	88	92	85	109	82	92	85
14	GHS 220085	GHS220085	WWP 140129	GHS 110044	7	1.0	HH(c)	0	0	0		91	88	110	88	93	86	99	86	119	84	111	80	105	87	92	84	107	81	110	84
15	GHS 220093	GHS220093	GHS 170059	GHS 200006	7	3.7	HH(c)	0	0	0		110	87	96	86	103	85	128	86	97	83	110	79	109	86	77	82	102	80	84	82
16	GHS 230031	GHS 230031				0.0	HH(c)	0	0	0		107	82	101	81	128	81	96	81	99	80	117	75	115	81	101	80	114	76	103	80
17	GHS 230059	GHS230059	WWP 150106	GHS 170083	6	0.8	HH(c)	0	0	0		106	88	101	88	94	86	88	86	132	85	112	80	92	87	91	84	108	81	97	84
18	GHS 230066	GHS230066	BBM 170165	GHS 210001	6	0.5	HH(c)	0	0	0		111	88	88	88	118	85	122	85	106	84	112	79	103	87	97	84	109	80	94	84
19	GHS 230101	GHS230101	GHS 190047	GHS 180017	7	5.0	HH(c)	0	0	0		93	87	100	85	113	84	124	84	101	83	111	78	111	85	94	82	107	79	92	82
20	GHS 230104	GHS230104	WWP 140129	GHS 190041	7	0.9	HH(c)	0	0	0		84	89	113	89	109	87	91	87	107	85	110	81	111	88	97	85	108	82	100	85
21	GHS 240063	GHS240063	BBM 150051	GHS 170100		1.5	HH(c)	0	0	0		106	88	102	89	111	86	104	86	103	84	113	80	110	88	90	84	109	81	97	84
22	GHS 240085	GHS240085	BBM 170091	GHS 110135		1.9	HH(c)	0	0	0		86	88	112	88	107	85	94	85	112	83	113	79	111	87	96	83	110	80	103	82
23	GHS 240098	GHS240098	GHS 200034	GHS 140024		0.0	HH(c)	0	0	0		98	86	93	86	112	84	118	83	118	82	112	78	101	85	107	82	112	79	97	81
24	GHS 240154	GHS240154	BBM 170165	GHS 190037		1.0	HH(c)	1	0	0		118	88	99	88	88	86	111	86	110	84	111	80	102	87	100	84	109	81	88	84

Selection List on Cow Value

Cows 2 years and older

ID Sorted on 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										
						% Inbreeding		Q204X	nt821	F94L		Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc										
						Italics: DNA Test						★★★★☆																			
1	GHS 110135	GHS110135	BBM 070043	GHS 080087	2.0							88	81	113	77	110	81	92	77	92	49	105	67	113	78	90	28	101	59	89	24
2	GHS 160105	GHS160105	JRB 060096	GHS 090074	7	2.0						88	78	96	74	118	75	98	73	115	47	105	64	97	75	91	28	101	57	91	22
3	GHS 170113	GHS170113	OLI 130264	GHS 060005	6	0.3						91	78	106	74	120	76	98	75	92	42	106	63	111	75	108	26	106	56	105	20
4	GHS 180084	GHS180084	KBS 130133	GHS 070013	7	0.2						93	75	105	70	93	66	106	71	102	44	100	60	102	70	92	30	98	54	89	34
5	GHS 180097	GHS180097	KBS 130133	GHS 100014	7	0.5						96	76	103	73	98	73	102	72	103	45	101	63	101	73	91	32	98	57	85	36
6	GHS 190041	GHS190041	OLI 120135	GHS 120074	7	1.8						78	74	109	73	118	70	97	73	102	43	106	62	110	72	93	27	103	55	91	21
7	GHS 190051	GHS190051	OLI 130264	GHS 110098	6	0.3						72	73	117	68	117	59	77	68	102	35	105	56	114	67	107	26	105	50	104	21
8	GHS 190094	GHS190094		GHS 160022	7	0.0						94	65	91	60	111	57	108	66	116	16	103	48	92	61						
9	GHS 200041	GHS200041	LFR 140104	GHS 160063	7	0.0						112	72	93	68	95	66	110	71	110	33	104	57	95	68	105	28	104	51	107	26
10	GHS 200057	GHS200057	BBM 090009	GHS 140076	7	8.4						91	75	110	73	93	69	104	73	102	46	104	62	105	73	99	33	102	56	96	28
11	GHS 200060	GHS200060	BBM 090009	GHS 120134	7	0.4						76	74	110	71	118	65	94	71	107	47	108	61	110	70	96	33	105	55	95	30
12	GHS 200063	GHS200063	OLI 120135	GHS 110135	7	1.9						94	74	95	71	106	66	102	71	112	39	100	59	93	70	88	27	97	53	82	22
13	GHS 200078	GHS200078	WWP 140129	GHS 100150	7	0.0						112	75	80	72	104	68	124	72	115	37	102	60	88	72	78	23	96	53	82	31
14	GHS 210001	GHS210001	LFR 140104	GHS 060089	7	0.0						89	73	89	70	115	67	122	70	111	34	102	58	94	70	99	28	100	52	100	26
15	GHS 210008	GHS210008	OLI 130254	GHS 170128	6	0.6						100	73	96	68	98	64	114	70	105	37	100	57	97	68	88	24	97	50	85	22
16	GHS 210093	GHS210093	BBM 090009	GHS 160012	7	0.0						99	72	93	67	115	62	95	55	112	39	103	55	94	65	97	30	101	50	98	26
17	GHS 220004	GHS220004	OLI 130264	GHS 140011	0.4	HH(c)	0	0	0			82	87	99	86	120	85	94	86	108	82	101	78	98	86	115	82	104	79	100	81
18	GHS 220011	GHS 220011			0.0	HH(c)	0	0	0			77	83	120	83	102	83	75	82	108	81	105	76	113	83	130	81	111	77	121	81
19	GHS 220022	GHS220022	WWP 150106	GHS 190095	2.4	HH(c)	0	0	0			100	89	96	88	95	86	104	86	129	85	109	80	91	87	92	84	105	81	92	84
20	GHS 220029	GHS220029	WWP 150106	GHS 190135	7	2.1	HH(c)	0	0	0		102	88	96	88	84	86	92	86	129	85	100	80	83	87	95	84	98	81	93	84
21	GHS 220066	GHS220066	WWP 140129	GHS 090050	8	0.8	HH(c)	0	0	0		95	89	115	89	81	87	89	88	113	85	105	81	101	89	114	84	107	82	120	84
22	GHS 220078	GHS220078	WWP 140129	GHS 140093	7	0.0	HH(c)	0	0	0		109	89	95	88	95	87	123	86	104	85	106	80	101	88	84	84	100	81	94	84
23	GHS 230015	GHS 230015	WWP 140129		0.0	HH(c)	0	0	0			104	87	100	87	71	86	131	86	116	85	104	79	96	87	82	84	98	80	85	85
24	GHS 230032	GHS 230032			0.0	HH(c)	0	0	0			87	82	111	82	102	81	92	81	103	81	103	75	106	82	97	80	101	76	103	81
25	GHS 230042	GHS230042	OLI 120135	GHS 180161	6	0.3	HH(c)	0	0	0		89	87	105	87	107	85	101	85	104	83	104	79	105	86	103	83	104	80	93	83
26	GHS 230054	GHS230054	OLI 120135	GHS 170031	7	1.4	HH(c)	0	0	0		81	87	104	87	100	85	91	85	119	83	101	79	94	86	100	83	100	80	100	82
27	GHS 230057	GHS 230057	BBM 170165		0.0	HH(c)	1	0	0			102	86	115	86	94	84	89	84	93	83	105	78	111	85	111	84	107	79	113	83
28	GHS 230058	GHS230058	WWP 140129	GHS 200060	6	4.5	HH(c)	0	0	0		99	89	99	89	105	87	105	87	104	85	103	81	101	88	88	85	99	82	99	85
29	GHS 230068	GHS230068	BBM 170165	GHS 200041	6	0.5	HH(c)	0	0	0		106	88	106	88	81	86	105	86	108	85	105	80	101	87	106	85	105	81	102	84
30	GHS 230078	GHS230078	WWP 140129	GHS 170029	7	0.0	HH(c)	0	0	0		88	87	101	87	86	85	120	85	125	84	106	79	97	86	85	84	101	80	87	84

Selection List on Cow Value

Cows 2 years and older

ID			Name	Sire ID	Dam ID	Visual Score	Myostatin					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	Horned / Polled	Q204X	nt821	F94L	Genomic test	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc										
						Italics: DNA Test					★★★★☆																				
31	GHS 230079	GHS230079	WWP 140129	GHS 120150	6	0.0	HH(c)	0	0	0		94	88	107	88	102	86	94	86	100	85	102	80	104	87	95	84	100	81	109	84
32	GHS 230083	GHS230083		GHS 200026	7	0.0	HH(c)	0	0	0		109	85	100	85	80	82	125	82	111	81	107	77	100	84	88	80	103	78	92	81
33	GHS 230085	GHS230085	BBM 170165	GHS 210007	6	1.5	HH(c)	0	0	0		114	87	96	87	95	85	95	85	107	83	102	79	93	86	110	83	103	80	107	82
34	GHS 230108	GHS 230108	WWP 150106			0.0	HH(c)	0	0	0		100	86	101	86	91	84	92	84	122	83	104	78	90	85	103	83	104	79	96	84
35	GHS 230128	GHS230128	WWP 140129	GHS 190135	7	1.0	HH(c)	0	0	0		102	88	94	88	101	86	107	86	115	85	104	80	95	87	98	84	102	81	97	84
36	GHS 230131	GHS230131	WWP 150106	GHS 160119	7	2.5	HH(c)	0	0	0		82	88	115	88	83	86	77	85	123	84	101	80	98	87	113	84	103	81	112	84
37	GHS 230136	GHS230136	WWP 150106	GHS 140024		0.0	HH(c)	0	0	0		112	87	89	87	80	85	112	85	127	83	102	79	81	86	83	83	97	80	86	83
38	GHS 240006	GHS240006	BBM 170165	GHS 170044	7	1.4	HH(c)	0	0	0		108	88	95	88	99	86	109	86	101	85	101	80	97	87	91	84	98	81	94	84
39	GHS 240007	GHS 240007	GHS 190047	GHS 180053		0.5	HH(c)	0	0	0		91	85	99	84	107	83	104	83	114	82	105	77	100	84	90	82	102	78	95	82
40	GHS 240009	GHS240009	GHS 190138	GHS 120131	7	0.7	HH(c)	0	0	0		83	87	99	87	113	85	100	85	107	83	100	79	98	86	93	82	97	80	89	82
41	GHS 240027	GHS240027	WWP 150106	GHS 210086		1.3	HH(c)	1	0	0		75	88	125	88	88	86	79	86	116	84	108	80	111	87	98	84	106	81	111	84
42	GHS 240041	GHS240041	WWP 150106	GHS 210031		10.0	HH(c)	0	0	0		100	89	89	89	89	87	121	87	121	85	100	81	86	88	78	86	94	82	86	86
43	GHS 240043	GHS240043	BBM 170165	GHS 220006		1.3	HH(c)	1	0	0		117	91	103	91	67	89	107	90	106	88	100	83	95	91	91	88	97	84	83	88
44	GHS 240049	GHS240049	BBM 170165	GHS 200041		0.5	HH(c)	1	0	0		96	88	116	88	86	86	91	86	94	84	100	80	108	87	109	84	101	81	112	84
45	GHS 240050	GHS240050	BBM 170165	GHS 200078		0.6	HH(c)	0	0	0		113	88	91	88	92	86	116	86	117	85	106	80	94	87	77	85	99	81	83	84
46	GHS 240059	GHS240059	GHS 200034	GHS 180161		0.7	HH(c)	0	0	0		102	87	105	87	105	85	99	84	96	83	105	79	108	86	93	82	102	80	97	83
47	GHS 240095	GHS240095	GHS 200034	GHS 160056		0.0	HH(c)	0	0	0		116	87	86	87	105	85	129	85	93	83	100	79	99	86	90	82	97	80	77	83
48	GHS 240108	GHS240108	GHS 190107	GHS 170113		2.1	HH(c)	0	0	0		87	87	115	87	91	85	93	85	109	83	105	79	106	86	100	82	104	80	104	82
49	GHS 240116	GHS240116	WWP 140129	GHS 200083		25.5	HH(c)	0	0	0		99	88	108	88	84	86	96	86	117	84	106	80	99	87	90	84	102	81	107	84
50	GHS 240129	GHS240129	GHS 190138	GHS 170015		0.0	HH(c)	0	0	0		85	86	103	86	117	84	98	84	107	82	105	78	103	85	99	82	103	79	100	82
											★★★★																				
1	GHS 120111	GHS120111	JRB 060096	GHS 070003	7	0.4						92	81	97	76	117	79	95	74	95	48	95	66	96	77	80	30	90	59	79	23
2	GHS 150134	GHS150134	BBM 090009	GHS 120101	7	8.4						87	78	96	74	106	77	102	75	107	45	95	64	90	75	101	32	95	58	97	28
3	GHS 160019	GHS160019	BBM 070043	GHS 060303	7	0.0						112	76	85	70	78	75	144	73	113	39	99	61	87	72	74	25	92	54	73	21
4	GHS 160103	GHS160103	BBM 070043	GHS 090022	7	0.3						87	79	103	75	105	79	103	74	88	46	92	65	102	76	81	30	88	58	83	25
5	GHS 170012	GHS170012	BBM 070043	GHS 130122	7	7.8						78	77	109	75	109	76	100	74	92	42	97	63	106	75	91	28	95	56	92	24
6	GHS 170024	GHS170024	OLI 120135	GHS 120111	6	0.6						82	78	98	74	111	73	87	72	110	43	94	63	89	74	87	28	91	56	81	21
7	GHS 170031	GHS170031	BBM 090009	GHS 080087	7	1.7						93	78	102	76	105	78	84	75	94	49	91	66	95	76	97	32	90	59	90	28

Selection List on Cow Value

Cows 2 years and older

ID			Name	Sire ID	Dam ID	Visual Score	Horned / Polled	Myostatin				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		Q204X	nt821	F94L	Genomic test	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc											
								Italics: DNA Test																								
												★★★★																				
8	GHS 170044	GHS170044			GHS 130126	0.0						94	61	90	49	93	62	130	67	101	28	92	47	89	55				87	10		
9	GHS 170058	GHS170058		BBM 090009	GHS 070032	7	0.2					68	78	112	75	132	77	75	74	89	48	97	65	112	76	97	33	96	59	99	29	
10	GHS 170079	GHS170079		BBM 090009	GHS 060068	7	0.0					84	77	93	73	108	75	100	74	112	41	94	62	87	74	97	30	93	56	94	26	
11	GHS 170100	GHS170100		BBM 070043	GHS 110091	8	2.3					93	77	97	74	104	75	110	74	103	42	99	63	97	75	81	29	94	56	88	24	
12	GHS 170128	GHS170128		OLI 120411	GHS 150024	6	0.0					115	73	85	55	106	65	111	71	99	33	97	53	91	62	83	22	92	47	88	29	
13	GHS 180077	GHS180077		WWP 140129	GHS 150140	7	4.4					88	78	103	72	72	67	109	73	116	46	92	62	87	72	91	28	90	55	95	34	
14	GHS 180113	GHS180113		WWP 140129	GHS 150117	6	5.6					89	75	101	71	101	63	98	56	110	45	99	59	95	68	91	28	96	53	96	34	
15	GHS 180139	GHS180139		WWP 140129	GHS 160022	6	0.0					102	75	90	69	95	68	110	72	111	37	95	59	87	70	87	23	92	52	96	31	
16	GHS 190090	GHS190090		LFR 140104	GHS 160013	7	0.5					111	73	87	68	99	60	112	69	102	42	96	58	89	67	103	30	96	52	97	28	
17	GHS 190111	GHS190111		LFR 140104	GHS 150132	6	0.0					86	71	90	66	113	60	117	67	110	33	97	55	91	66	103	28	98	50	96	26	
18	GHS 200006	GHS200006		OUH 160021	GHS 170043	7	0.2					125	70	78	66	110	62	126	70	93	33	99	55	93	66					79	21	
19	GHS 200021	GHS200021			GHS 160103	7	0.0					116	70	83	65	96	66	124	67	99	28	94	54	88	66					71	12	
20	GHS 200044	GHS200044		WWP 140129	GHS 170131	7	0.7					105	74	95	71	88	66	100	72	110	42	95	60	87	71	85	26	91	53	83	32	
21	GHS 200052	GHS200052		WWP 150106	GHS 150095	8	3.6					96	71	97	69	89	60	89	69	115	37	92	57	82	68	85	26	89	51	90	34	
22	GHS 200056	GHS200056		WWP 150106	GHS 150128	7	0.0					100	72	86	67	92	59	122	68	114	32	94	55	83	66	90	22	92	48	93	32	
23	GHS 200083	GHS200083		WWP 140129	GHS 110044	6	1.0					99	74	99	73	86	69	97	73	111	38	95	60	88	72	89	24	92	53	99	32	
24	GHS 210011	GHS210011		OLI 130254	GHS 170108	7	0.0					104	69	87	66	101	58	119	67	109	34	99	54	91	65	95	20	97	47	86	16	
25	GHS 210031	GHS210031		BBM 090009	GHS 180093	7	25.9					89	72	102	67	90	60	105	70	108	44	96	58	94	67	90	33	94	53	93	30	
26	GHS 210036	GHS210036		OLI 130254	GHS 180062	7	1.1					109	71	85	65	96	50	113	51	108	39	94	53	84	62	92	24	92	47	87	23	
27	GHS 210038	GHS210038		OLI 120135	GHS 140006	6	0.0					102	70	83	66	96	53	120	49	115	32	94	52	82	62	86	23	91	46	79	18	
28	GHS 210059	GHS210059		OUH 160021	GHS 150136	7	0.2					84	71	104	67	106	57	87	47	98	38	92	54	95	63	92	22	90	48	89	22	
29	GHS 210101	GHS210101		WWP 150106	GHS 170113	6	0.6					92	73	92	71	111	61	110	68	102	40	96	58	94	69	94	26	94	52	93	33	
30	GHS 210112	GHS210112		WWP 140129	GHS 080087	8	0.9					85	74	115	71	93	65	87	71	93	44	95	60	104	70	94	27	93	53	103	33	
31	GHS 210115	GHS210115		OLI 130264	GHS 140024	7	0.0					82	71	103	67	87	60	98	67	109	31	90	55	87	66	105	22	91	48	102	17	
32	GHS 210121	GHS210121		WWP 140129	GHS 120111	8	3.0					94	70	97	61	98	57	101	56	101	40	91	53	91	61	82	28	87	48	88	33	
33	GHS 210124	GHS210124		BBM 090009	GHS 170108	7	0.0					79	73	102	67	100	57	105	56	114	43	98	56	94	65	97	30	97	51	97	26	
34	GHS 220006	GHS220006		WWP 150106	GHS 120131	7	0.3	HH(c)	0	0	0		108	90	95	90	73	89	98	89	122	87	95	82	80	90	84	86	91	83	86	86
35	GHS 220017	GHS220017		GHS 170059	GHS 190058	7	0.0	HH(c)	0	0	0		98	87	94	86	96	84	120	84	100	82	96	78	95	85	75	82	90	79	74	82
36	GHS 220037	GHS220037		WWP 140129	GHS 180029	8	1.9	HH(c)	0	0	0		90	89	105	89	102	87	93	88	88	85	90	81	99	88	105	84	92	82	108	85
37	GHS 220039	GHS 220039		WWP 150106		0.0		HH(c)	0	0	0		70	87	123	87	92	86	77	87	103	85	98	80	108	87	116	84	101	81	106	84

Selection List on Cow Value

Cows 2 years and older

ID	Name	Sire ID	Dam ID	Visual Score	% Inbreeding	Horned / Polled	Myostatin	Q204X	nt821	F94L	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										
												Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc										
Sorted on ID				Italics: DNA Test								★★★★																			
38	GHS 220047	GHS220047	GHS 170059	GHS 150132	7	0.0	HH(c)	0	0	0		77	86	117	86	92	84	96	84	99	82	99	78	107	85	107	82	100	79	105	82
39	GHS 220060	GHS220060	WWP 140129	GHS 150136	6	2.7	HH(c)	0	0	0		109	89	90	88	91	87	104	88	110	85	95	80	86	88	68	84	87	81	80	84
40	GHS 220062	GHS220062	GHS 170059	GHS 130115	7	4.2	HH(c)	0	0	0		97	87	114	87	91	85	97	86	81	82	96	79	110	87	106	82	97	80	101	82
41	GHS 220077	GHS220077	BBM 150051	GHS 110135	7	1.2	HH(c)	0	0	0		103	89	97	89	101	88	121	88	78	85	93	81	104	89	85	84	89	82	76	84
42	GHS 220084	GHS220084	BBM 170165	GHS 170004	7	0.0	HH(c)	0	0	0		95	88	101	88	98	86	91	87	98	84	93	80	93	88	83	84	89	81	87	84
43	GHS 230047	GHS 230047	BBM 170165		0.0		HH(c)	1	0	0		94	87	99	87	99	86	98	85	94	85	91	79	94	87	101	84	92	80	98	84
44	GHS 230056	GHS 230056	BBM 170165		0.0		HH(c)	1	0	0		76	86	123	86	99	85	80	85	85	84	96	79	115	86	112	84	99	80	111	84
45	GHS 230065	GHS230065	WWP 150106	GHS 180024	6	2.0	HH(c)	0	0	0		88	88	103	88	86	86	102	86	113	84	96	80	91	87	99	84	96	81	100	84
46	GHS 230072	GHS230072	WWP 140129	GHS 190103	7	1.5	HH(c)	1	0	0		79	89	115	89	91	87	90	87	97	85	95	81	102	88	97	85	94	82	105	85
47	GHS 230099	GHS230099	BBM 170165	GHS 200057	7	1.6	HH(c)	1	0	0		87	89	121	89	72	87	88	87	95	85	94	81	104	88	102	85	94	82	96	85
48	GHS 230103	GHS230103	BBM 150051	GHS 110047		1.4	HH(c)	0	0	0		90	88	103	89	104	87	97	86	91	84	93	80	98	88	79	84	88	81	80	84
49	GHS 230109	GHS230109	WWP 150106	GHS 120111	7	3.2	HH(c)	0	0	0		96	89	90	89	92	87	111	87	112	85	92	81	83	88	63	85	83	82	69	85
50	GHS 230132	GHS230132	WWP 150106	GHS 150134	6	8.1	HH(c)	0	0	0		99	89	92	89	83	87	101	87	122	85	93	81	76	88	92	85	91	82	93	85
51	GHS 240029	GHS240029	BBM 170165	GHS 200030	0.0							78	63	102	46	105	37	97	38	101	29	91	40	94	46	96	25	90	37	96	26
52	GHS 240030	GHS240030	BBM 170165	GHS 200044	1.1							97	67	109	68	87	50	94	52	101	36	98	52	101	62	95	28	97	47	93	30
53	GHS 240042	GHS240042	BBM 170165	GHS 210101	1.0		HH(c)	1	0	0		103	88	98	88	105	86	101	86	93	85	98	80	101	87	98	84	97	81	98	84
54	GHS 240048	GHS240048	WWP 150106	GHS 210125	7.3		HH(c)	0	0	0		95	88	104	88	75	86	90	86	119	84	94	80	85	87	79	84	89	81	92	84
55	GHS 240056	GHS240056	BBM 170165	GHS 210028	0.7							103	67	104	57	90	45	95	45	102	32	99	47	97	55	93	28	96	43	95	30
56	GHS 240081	GHS240081	WWP 140129	GHS 210008	1.0		HH(c)	0	0	0		110	88	92	88	93	86	108	86	96	84	92	80	90	87	73	84	85	81	80	84
57	GHS 240097	GHS240097	BBM 170165	GHS 200082	0.0							110	63	90	46	99	37	97	38	101	29	92	40	87	46	96	25	91	37	96	26
58	GHS 240101	GHS240101	WWP 140129	GHS 180017	1.0		HH(c)	0	0	0		95	88	105	89	82	87	112	87	89	85	90	80	99	88	85	84	87	81	91	85
59	GHS 240107	GHS240107	WWP 150106	GHS 130115	2.6		HH(c)	0	0	0		78	88	111	88	94	86	90	86	102	84	93	80	96	87	107	84	95	81	105	84
60	GHS 240109	GHS240109	WWP 140129	GHS 170024	1.8		HH(c)	0	0	0		86	89	105	89	100	87	91	87	103	85	96	81	98	88	85	85	92	82	89	85
61	GHS 240115	GHS240115	BBM 150051	GHS 180084	0.8		HH(c)	0	0	0		102	91	100	91	89	89	112	89	86	88	90	83	98	90	93	88	89	84	88	87
62	GHS 240118	GHS240118	GHS 190107	GHS 180068	12.6		HH(c)	0	0	0		91	87	115	87	70	85	93	85	97	83	91	79	98	86	86	82	88	80	93	83
63	GHS 240133	GHS240133	GHS 190107	GHS 210112	16.3		HH(c)	0	0	0		94	87	112	86	83	84	91	84	100	83	97	78	101	86	92	82	95	79	105	82
												★★★★☆																			
1	GHS 150119	GHS150119	JRB 060096	GHS 090008	3.1							90	72	93	68	95	56	105	54	94	41	82	55	84	65	82	28	79	50	78	22

Selection List on Cow Value

Cows 2 years and older

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		Q204X	nt821	F94L		Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc											
										★★★★																					
2	GHS 160119	GHS160119	BBM 070013	GHS 060315	6	0.0					91	75	101	71	87	75	83	72	101	35	83	60	84	72	109	24	86	53	105	20	
3	GHS 170093	GHS170093	BBM 070043			0.0					92	63	85	58	112	67	129	68	88	36	88	53	92	62	68	25	81	47	68	21	
4	GHS 170108	GHS170108		GHS 150003	7	0.0					97	71	85	54	91	71	113	70	111	23	87	51	77	62							
5	GHS 180033	GHS180033	WWP 140129	GHS 150112	7	0.0					90	72	87	63	102	47	101	52	108	35	84	51	77	60	83	23	81	45	94	31	
6	GHS 180068	GHS180068	WWP 140129	GHS 160025	6	0.0					94	75	93	70	89	72	101	73	104	37	84	60	82	71	84	23	81	53	92	31	
7	GHS 190070	GHS190070	KBS 130133	GHS 150154	7	0.0					72	73	98	69	107	69	105	71	94	35	84	58	90	70	90	29	82	52	90	34	
8	GHS 210125	GHS210125	WWP 140129	GHS 130307	7	0.0					98	70	97	67	92	60	79	69	107	34	86	55	84	66	86	23	84	49	100	31	
9	GHS 220021	GHS220021	WWP 150106	GHS 190061	8	0.0	HH(c)	0	0	0		111	89	83	89	84	87	112	88	113	85	88	81	75	88	87	84	85	82	91	85
10	GHS 220023	GHS220023	WWP 150106	GHS 190041	7	2.2	HH(c)	0	0	0		80	88	111	89	77	87	91	88	92	85	81	81	91	88	83	84	79	82	87	84
11	GHS 220063	GHS 220063	WWP 140129			0.0	HH(c)	0	0	0		86	87	100	87	100	86	92	88	87	85	81	80	89	87	93	84	81	81	97	84
12	GHS 230040	GHS230040	BBM 170165	GHS 200088		1.3	HH(c)	1	0	0		99	88	100	89	84	86	100	87	94	85	86	80	89	88	98	85	87	81	95	85
13	GHS 230082	GHS230082	WWP 150106	GHS 180097	7	0.9	HH(c)	0	0	0		97	88	96	89	74	87	106	86	109	85	86	80	81	88	89	85	84	81	86	85
14	GHS 230084	GHS230084	BBM 170165	GHS 190090	7	1.8	HH(c)	0	0	0		108	88	87	89	100	86	105	86	94	85	87	80	86	88	102	85	89	81	92	85
15	GHS 230087	GHS230087	BBM 170165	GHS 150118	7	3.1	HH(c)	1	0	0		95	88	106	89	71	86	99	86	91	85	83	80	90	88	96	84	83	81	90	84
16	GHS 230088	GHS230088	OUH 160021	GHS 180077	7	0.6	HH(c)	1	0	0		75	88	109	88	83	85	95	85	99	84	84	79	90	87	87	84	82	80	99	84
17	GHS 230094	GHS230094	WWP 150106	GHS 170108	7	0.0	HH(c)	0	0	0		86	88	101	88	77	86	101	86	112	84	87	80	82	87	82	84	83	81	93	84
18	GHS 230095	GHS230095	WWP 150106	GHS 160053		0.0	HH(c)	0	0	0		103	88	81	88	81	86	130	86	105	84	82	80	74	87	87	84	80	81	85	84
19	GHS 230100	GHS230100	WWP 150106	GHS 170036		0.0	HH(c)	0	0	0		95	88	85	88	76	87	124	86	113	85	83	80	73	88	70	84	77	81	78	85
20	GHS 230105	GHS230105	WWP 140129	GHS 210059	7	1.7	HH(c)	0	0	0		86	88	110	89	93	87	89	86	89	85	89	80	99	88	109	85	92	81	105	85
21	GHS 230113	GHS230113	BBM 170091	GHS 120138		1.8	HH(c)	0	0	0		93	87	95	87	83	84	95	84	108	82	83	78	77	86	88	82	81	79	89	81
22	GHS 230123	GHS230123	WWP 140129	GHS 140093	6	0.0	HH(c)	0	0	0		102	88	97	88	75	87	107	86	95	85	84	80	85	88	98	84	84	81	96	84
23	GHS 240051	GHS240051	BBM 150051	GHS 190145		0.0					103	64	85	49	105	43	106	42	98	35	87	44	84	49	89	28	85	41	89	28	
24	GHS 240077	GHS240077	WWP 140129	GHS 200021		0.5	HH(c)	0	0	0		103	88	92	88	94	86	104	86	95	84	88	80	89	87	98	84	88	81	89	84
25	GHS 240104	GHS240104	GHS 190138	GHS 160048		3.8	HH(c)	0	0	0		97	86	98	86	84	84	93	84	105	82	87	78	82	85	91	82	85	79	83	82
26	GHS 240121	GHS240121	WWP 150106	GHS 170108		0.0	HH(c)	0	0	0		104	88	85	88	72	86	107	86	118	84	81	80	67	87	94	84	81	81	88	84
27	GHS 240125	GHS240125	WWP 140129	GHS 150119		3.2					87	68	98	58	88	50	106	50	101	38	86	49	87	57	83	27	82	45	88	33	
28	GHS 240127	GHS240127	WWP 140129	GHS 120138		2.7	HH(c)	0	0	0		80	88	104	88	64	86	85	85	124	84	81	80	74	87	108	83	84	81	105	83
29	GHS 240132	GHS240132	WWP 150106	GHS 150134		8.1	HH(c)	0	0	0		86	91	95	91	94	89	99	89	100	88	82	83	80	90	111	88	86	84	102	88
30	GHS 240148	GHS240148	WWP 150106	GHS 170031		7.2	HH(c)	0	0	0		104	89	87	89	91	87	98	87	106	85	85	81	76	88	84	85	82	82	82	85
31	GHS 240152	GHS240152	WWP 150106	GHS 190070		0.2	HH(c)	0	0	0		78	89	95	89	93	87	107	87	104	85	82	81	82	88	85	85	80	82	84	85

Selection List on Cow Value

Cows 2 years and older

ID		Name	Sire ID	Dam ID	Visual Score	% 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								Q204X	nt821	F94L		Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc										
					<i>Italics: DNA Test</i>																										
												★★																			
1	GHS 130002	GHS130002	JRB 060046	GHS 060058	6	0.0						105	78	79	72	87	76	99	72	110	37	76	62	64	74	80	20	73	54	78	18
2	GHS 150118	GHS150118	JRB 060096	GHS 090104	6	3.1						91	79	99	76	85	78	97	76	90	47	79	65	85	77	87	28	78	58	86	22
3	GHS 160055	GHS160055	BBM 090009			0.0						92	68	85	60	94	70	113	70	99	40	79	55	77	64	74	30	75	50	68	26
4	GHS 200039	GHS200039	WWP 150106	GHS 150154	6	0.0						107	74	74	70	71	66	119	71	115	32	72	58	57	70	78	22	70	51	84	32
5	GHS 210079	GHS210079	OUH 160021	GHS 150118	7	0.4						84	71	97	70	99	65	97	70	87	40	78	58	85	69	82	22	75	51	84	23
6	GHS 220064	GHS220064	WWP 140129	GHS 150118	7	3.2	HH(c)	0	0	0		81	89	99	89	93	88	91	89	91	86	76	81	82	89	82	85	74	82	93	85
7	GHS 220075	GHS220075	WWP 140129	GHS 160050	7	0.0	HH(c)	0	0	0		112	88	84	88	58	87	109	88	115	84	77	80	63	88	74	84	72	81	77	84
8	GHS 230036	GHS230036	WWP 140129	GHS 180093		4.2	HH(c)	0	0	0		86	88	99	87	65	86	104	86	103	85	76	80	76	87	90	84	75	81	96	84
9	GHS 230143	GHS230143	BBM 170165	GHS 160103	6	1.4	HH(c)	1	0	0		90	88	100	89	86	87	107	86	79	85	78	80	91	88	79	85	74	81	78	84
10	GHS 240003	GHS 240003	WWP 140129	GHS 150119		3.2	HH(c)	0	0	0		88	88	93	87	88	86	111	86	90	85	77	80	83	87	79	84	74	81	83	85
												★★☆																			
1	GHS 120138	GHS120138	JRB 060096	GHS 040062	7	0.0						87	77	90	75	76	80	83	74	113	45	69	65	62	76	90	24	70	57	84	18
2	GHS 160048	GHS160048	BBM 070013			0.0						110	65	89	62	59	73	94	69	84	34	60	55	62	65	78	24	58	49	77	20
3	GHS 240140	GHS240140	GHS 190107	GHS 160125		0.0	HH(c)	0	0	0		108	86	74	86	72	84	132	84	98	83	69	78	63	85	74	82	66	79	68	82

Selection List on Cow Value

Bull calves younger than 2 years

ID		Name	Sire ID	Dam ID	Visual Score	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	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc										
					Horned / Polled	Q204X	Myostatin nt821	F94L	Genomic test																
					Italics: DNA Test																				
					★★★★★																				
1	GHS 250115	GHS250115	GHS 200071	GHS 220073	2.5	117	64	84	65	101	41	133	43	131	27	118	47	95	58	95	22	114	42	87	18
2	GHS 260003	GHS260003	GHS 200071	GHS 190103	2.0	83	65	114	66	101	45	95	45	112	28	111	48	109	59	110	21	111	43	103	18
					★★★★☆																				
1	GHS 250019	GHS250019	GHS 200071	GHS 220029	2.9	101	64	95	53	85	38	106	37	127	28	103	42	88	50	102	20	102	38	94	22
2	GHS 250026	GHS250026	GHS 200071	GHS 220066	1.7	90	64	113	65	82	43	98	44	119	29	108	48	102	58	113	20	109	42	112	22
3	GHS 250045	GHS250045	GHS 210113	GHS 220022	6.7	83	65	103	53	86	39	104	39	125	27	100	43	90	51					93	24
4	GHS 250089	GHS250089	BBM 150051	GHS 150148	2.9	92	70	102	62	103	58	107	57	101	41	101	54	102	62	94	34	99	50	91	32
5	GHS 250102	GHS250102	BBM 150051	GHS 210083	3.0	99	68	103	60	98	52	118	51	94	40	103	51	107	59	92	34	100	48	92	32
6	GHS 250153	GHS250153		GHS 180017	0.0	110	59	87	59	101	38	128	36	113	23	107	42	95	52					84	14
7	GHS 260014	GHS260014		GHS 200024	0.0	95	57	101	57	101	34	98	35	117	18	106	40	97	50					89	14
					★★★★																				
1	GHS 250017	GHS250017	GHS 210113	GHS 220042	14.1	95	65	101	53	82	40	102	40	118	30	98	43	90	51	86	20	94	38	92	24
2	GHS 250020	GHS250020	GHS 200071	GHS 220077	2.8	103	64	91	65	95	43	128	44	103	30	99	48	95	58	96	23	97	43	85	22
3	GHS 250021	GHS250021	GHS 210113	GHS 220037	14.7	86	65	102	65	89	43	100	44	105	30	90	48	90	58	95	20	90	42	101	24
4	GHS 250027	GHS250027	GHS 210113	GHS 220017	1.5	79	64	105	50	87	36	110	36	110	26	95	41	95	48					84	18
5	GHS 250034	GHS250034	BBM 150051	GHS 210036	1.6	120	68	86	58	95	50	112	49	95	39	93	50	90	57	90	31	90	46	86	30
6	GHS 250036	GHS250036	BBM 150051	GHS 170128	1.3	118	69	85	56	100	54	111	55	90	37	91	50	89	57	86	31	88	46	86	32
7	GHS 250037	GHS250037	BBM 150051	GHS 180024	1.0	99	69	100	60	99	54	115	55	91	40	97	52	102	60	96	33	96	48	93	32
8	GHS 250039	GHS250039	BBM 150051	GHS 210093	2.4	106	69	91	59	105	53	102	50	97	39	94	51	91	58	93	32	92	47	91	31
9	GHS 250043	GHS250043	BBM 150051	GHS 180139	1.5	102	69	92	60	95	55	110	55	96	38	90	52	90	60	88	31	88	48	90	32
10	GHS 250056	GHS250056	BBM 150051	GHS 210086	1.1	93	69	105	60	107	53	94	54	93	38	98	51	103	59	96	31	97	47	97	30
11	GHS 250060	GHS250060	BBM 150051	GHS 210107	3.2	88	69	101	59	99	52	107	51	100	40	95	51	97	58	90	33	93	47	90	32
12	GHS 250062	GHS250062	BBM 150051	GHS 150117	3.0	96	70	95	61	114	57	102	56	99	41	99	53	98	61	92	33	96	49	89	31
13	GHS 250063	GHS250063	GHS 200071	GHS 220023	3.1	102	63	98	65	80	41	107	44	110	29	94	47	88	58	95	20	93	42	91	23
14	GHS 250068	GHS250068	WWP 140129	GHS 190028	0.0	86	65	96	50	102	49	103	53	111	32	95	46	90	52	81	23	90	41	94	31
15	GHS 250069	GHS250069	BBM 150051	GHS 210124	2.4	82	69	102	59	99	52	107	51	98	39	92	51	96	58	93	32	90	47	91	31
16	GHS 250070	GHS250070	BBM 150051	GHS 200078	1.5	130	69	77	60	98	55	118	56	98	38	94	52	85	60	83	31	90	48	83	32
17	GHS 250071	GHS250071	WWP 140129	GHS 170024	1.8	97	70	94	60	94	55	96	56	108	38	90	52	84	60	85	27	87	47	90	33

Selection List on Cow Value

Bull calves younger than 2 years

ID	Name	Sire ID	Dam ID	Visual Score	Horned / Polled	Myostatin	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		Q204X n1821 F94L	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc										
Italics: DNA Test																										
							★★★★																			
18	GHS 250076	GHS250076	WWP 140129	GHS 210011	0.6		108	68	89	58	89	50	111	54	107	35	92	49	85	57	89	26	90	44	92	32
19	GHS 250101	GHS250101	GHS 210113	GHS 200021	2.2		96	65	94	52	86	44	111	44	110	25	92	43	86	51					83	18
20	GHS 250106	GHS250106		GHS 210028	0.0		109	56	88	32	95	25	103	25	112	16	95	29	83	34					82	16
21	GHS 250108	GHS250108	BBM 150051	GHS 170100	1.5		106	70	92	61	99	57	110	56	92	39	92	53	92	61	85	32	88	49	86	30
22	GHS 250113	GHS250113		GHS 170079	0.0		95	59	87	37	103	37	104	37	112	21	91	35	82	40					83	14
23	GHS 250114	GHS250114	BBM 150051	GHS 210100	1.1		98	68	94	59	104	50	102	49	94	39	91	50	92	58	87	31	88	46	85	30
24	GHS 250126	GHS250126	BBM 150051	GHS 190061	0.0		104	66	91	53	100	53	105	53	95	35	90	48	90	55	93	28	89	44	96	28
25	GHS 250133	GHS250133	GHS 210113	GHS 120150	0.0		80	63	98	44	98	39	102	28	108	23	91	37	89	44					95	17
26	GHS 250136	GHS250136	GHS 200071	GHS 230047	0.6		88	60	94	62	97	38	119	33	111	25	97	43	92	54	103	20	97	38	94	20
27	GHS 250143	GHS250143		GHS 160103	0.0		91	59	98	60	100	41	104	37	103	24	95	43	94	54					83	12
28	GHS 250156	GHS250156		GHS 170058	0.0		72	59	103	60	118	39	91	37	103	25	95	43	97	53					90	14
29	GHS 250159	GHS250159	GHS 210113	GHS 120111	3.2		75	68	113	67	93	50	92	47	108	32	98	51	100	62	86	21	94	45	94	21
30	GHS 250162	GHS250162	WWP 150106	GHS 190041	2.2		80	68	106	69	94	52	99	53	111	35	96	53	95	64	88	26	93	48	93	34
31	GHS 260015	GHS260015		GHS 190070	0.0		77	58	101	58	101	36	100	36	105	18	91	41	92	51					85	17
32	GHS 260016	GHS260016	GHS 210113	GHS 200083	14.2		79	65	99	66	85	46	107	46	118	28	90	49	84	60					92	24
							★★★★☆																			
1	GHS 250012	GHS250012	GHS 210113	GHS 220075	13.6		88	64	96	64	68	43	108	45	119	27	84	47	75	58					85	23
2	GHS 250016	GHS250016	GHS 210113	GHS 220063	13.6		76	62	105	62	89	40	98	43	105	26	88	45	90	56					97	23
3	GHS 250055	GHS250055	BBM 150051	GHS 210059	0.9		94	68	98	59	101	52	98	48	89	39	88	50	93	58	90	30	86	46	87	30
4	GHS 250067	GHS250067	BBM 150051	GHS 150118	1.5		97	70	97	61	91	58	103	57	85	41	82	53	89	61	88	32	80	49	85	30
5	GHS 250083	GHS250083	BBM 150051	GHS 200040	0.0		87	62	90	49	108	43	106	42	95	34	84	43	86	49	89	28	83	40	89	28
6	GHS 250096	GHS250096	BBM 150051	GHS 200030	0.0		97	64	85	49	107	43	106	42	95	34	84	43	82	49	89	28	83	40	89	28
7	GHS 250103	GHS250103	BBM 150051	GHS 210038	0.3		104	68	88	59	96	51	114	49	98	37	89	50	87	58	87	31	87	46	82	29
8	GHS 250104	GHS250104	WWP 140129	GHS 150119	3.2		98	69	93	58	87	50	106	50	99	37	84	49	83	57	83	27	81	45	88	33
9	GHS 250117	GHS250117	WWP 140129	GHS 180068	25.0		99	69	93	59	84	55	104	56	104	36	85	51	82	59	84	26	83	46	95	35
10	GHS 250128	GHS250128	WWP 140129	GHS 200082	0.0		112	64	81	47	95	41	105	42	107	32	87	42	77	48	87	23	85	38	96	31
11	GHS 250139	GHS250139	BBM 150051	GHS 200038	0.0		115	62	80	49	103	43	106	42	95	34	85	43	80	49	89	28	84	40	89	28
12	GHS 250151	GHS250151	BBM 150051	GHS 210002	0.0		69	62	105	63	114	48	86	52	96	35	88	49	94	59	92	28	87	45	95	28
13	GHS 260012	GHS260012		GHS 210079	0.0		86	57	90	58	101	34	104	35	102	21	84	41	82	50					77	12

Selection List on Cow Value

Bull calves younger than 2 years

ID Name Sorted on ID			Sire ID	Dam ID	Visual Score % Inbreeding	Horned / Polled	Myostatin Q204X ni821 F94L				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
							Italics: DNA Test														
												★★									
1	GHS 250100	GHS250100	BBM 150051	GHS 200039	2.0							11269	8060	8354	11455	9837	7851	7260	8430	7647	8432

Selection List on Cow Value
Heifers younger than 2 years

ID Name Sorted on ID			Sire ID	Dam ID	Visual Score	% Inbreeding	Horned / Polled	Myostatin Q204X nt821 F94L	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	GHS 250003	GHS250003	WWP 150106	GHS 190103	2.5	HH(c)	0	0	0	🇬🇧	87	88	125	88	90	86	79	86	103	85	108	80	116	87	97	84	106	81	103	85
2	GHS 250022	GHS250022	GHS 210113	GHS 220011	0.0						77	59	114	59	90	36	89	28	115	22	101	41	99	51					107	17
3	GHS 250029	GHS250029	GHS 200071	GHS 220078	1.3						119	64	88	52	89	39	126	38	115	26	107	42	93	50	96	20	104	38	94	22
4	GHS 250032	GHS250032	GHS 200071	GHS 220039	2.0						85	61	114	62	86	39	92	42	114	25	103	45	101	55	114	20	105	40	103	22
5	GHS 250033	GHS250033	GHS 200071	GHS 220093	2.3						110	63	92	64	94	40	128	43	112	27	109	46	100	57					88	18
6	GHS 250122	GHS250122	GHS 200071	GHS 220060	1.8						116	64	89	65	86	42	114	44	118	29	103	48	88	58	88	21	99	43	86	22
7	GHS 250142	GHS250142	GHS 210113	GHS 160019	2.6						100	67	98	66	75	48	123	46	117	29	101	50	93	60					87	20
8	GHS 260002	GHS260002	GHS 200071	GHS 160105	2.9						102	66	95	67	100	47	107	45	121	31	107	50	95	60	100	21	106	44	93	18
9	GHS 260004	GHS260004	GHS 200071	GHS 200026	0.0						94	62	93	64	82	41	130	41	123	22	101	45	89	57					83	16
										★★★★																				
1	GHS 250001	GHS250001	BBM 170165	GHS 170044	1.4	HH(c)	1	0	0	🇬🇧	83	87	112	86	88	86	104	86	86	84	91	79	104	86	90	84	89	80	101	84
2	GHS 250005	GHS250005	BBM 170165	GHS 160055	0.7	HH(c)	1	0	0	🇬🇧	93	88	93	88	96	86	111	86	105	85	92	80	88	87	92	85	90	81	78	84
3	GHS 250014	GHS250014	GHS 200071	GHS 220021	2.0						121	63	79	64	84	41	128	43	120	27	99	47	80	57	96	20	97	42	89	22
4	GHS 250028	GHS250028	GHS 210113	GHS 220062	2.7						87	64	114	64	81	42	97	44	101	26	96	47	101	57					99	19
5	GHS 250030	GHS250030	GHS 210113	GHS 220084	0.7						77	64	108	64	87	42	96	44	110	26	93	47	92	57	85	20	89	42	90	22
6	GHS 250048	GHS250048	WWP 140129	GHS 170083	0.6						101	69	98	58	90	54	96	55	115	34	99	50	89	59	84	24	94	45	93	32
7	GHS 250052	GHS250052	BBM 150051	GHS 170113	0.7						104	70	97	61	107	58	104	56	87	39	95	53	99	61	98	32	94	49	95	30
8	GHS 250054	GHS250054	BBM 150051	GHS 200060	2.9						77	69	110	60	109	54	102	55	94	41	99	52	108	60	92	34	97	48	90	32
9	GHS 250057	GHS250057	BBM 150051	GHS 210007	0.9						127	69	81	60	103	54	105	55	103	39	97	52	86	60	95	32	96	48	91	30
10	GHS 250064	GHS250064	BBM 150051	GHS 180084	0.8						101	69	98	60	94	54	108	55	92	40	93	52	96	60	90	33	90	48	87	33
11	GHS 250065	GHS250065	BBM 150051	GHS 150132	0.0						92	68	95	55	111	56	99	54	94	35	90	49	93	57	94	28	89	45	93	28
12	GHS 250066	GHS250066	BBM 150051	GHS 190034	0.0						88	65	98	51	109	50	92	52	95	34	90	46	93	53	91	28	88	42	95	28
13	GHS 250072	GHS250072	WWP 140129	GHS 190095	1.1						102	69	97	60	96	54	104	56	106	35	99	51	95	60	91	26	96	46	97	32
14	GHS 250079	GHS250079	BBM 150051	GHS 210008	1.2						110	69	93	59	96	54	112	55	93	38	95	51	96	59	88	31	92	47	85	30
15	GHS 250080	GHS250080	BBM 150051	GHS 190051	0.9						75	69	111	59	108	52	92	54	92	38	94	51	104	59	98	32	93	47	94	30
16	GHS 250084	GHS250084	BBM 150051	GHS 220096	2.9						125	69	86	60	95	54	116	51	94	40	96	51	92	59	96	32	95	47	90	32
17	GHS 250086	GHS250086	GHS 210113	GHS 190111	0.7						75	65	101	52	94	42	108	44	115	26	94	43	90	51	95	20	93	38	95	22
18	GHS 250091	GHS250091	GHS 210113	GHS 200056	5.4						96	65	92	52	82	42	111	44	117	26	92	43	81	51					94	24
19	GHS 250092	GHS250092	GHS 210113	GHS 180035	13.6						106	66	90	52	87	43	107	45	115	27	95	44	84	52					96	23

Selection List on Cow Value

Heifers younger than 2 years

ID			Name	Sire ID	Dam ID	Visual Score	Horned / Polled	Myostatin	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		Q204X nt821 F94L	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc										
						Italics: DNA Test																						
									★★★★																			
20	GHS 250109	GHS250109	WWP 140129	GHS 190037	0.6				111	69	91	58	93	51	115	54	104	35	99	50	94	58	88	26	96	45	92	33
21	GHS 250110	GHS250110	BBM 150051	GHS 210052	2.8				97	69	98	59	99	52	107	51	97	40	95	51	96	58	92	34	93	48	88	32
22	GHS 250112	GHS250112	WWP 140129	GHS 190094	0.0				107	67	88	56	94	50	107	54	111	32	94	48	85	56	82	23	90	43	91	31
23	GHS 250119	GHS250119	WWP 140129	GHS 190090	1.7				106	69	91	58	89	51	109	55	103	37	91	50	86	58	93	28	90	46	98	34
24	GHS 250120	GHS250120	WWP 140129	GHS 200041	0.3				117	69	89	58	86	53	108	55	108	35	96	50	87	58	94	27	94	45	103	34
25	GHS 250123	GHS250123	WWP 140129	GHS 200057	5.3				87	69	107	60	87	54	105	56	104	38	96	51	98	60	91	28	93	46	97	34
26	GHS 250125	GHS250125	BBM 150051	GHS 220006	2.4				125	69	86	60	83	53	104	55	101	38	91	51	82	59	86	32	88	47	85	32
27	GHS 250127	GHS250127	BBM 150051	GHS 220004	1.1				96	68	95	59	108	53	101	55	95	38	93	51	94	59	102	31	93	47	92	30
28	GHS 250131	GHS250131	BBM 150051	GHS 210101	2.3				87	68	98	60	104	53	110	54	92	39	91	51	97	59	91	32	89	47	89	32
29	GHS 250132	GHS250132	GHS 210113	GHS 210001	0.7				76	65	103	53	96	45	110	45	116	27	99	44	95	52	92	20	96	39	97	22
30	GHS 250140	GHS250140	BBM 150051	GHS 190135	0.9				100	69	98	60	104	56	101	55	96	38	97	52	98	60	97	31	96	48	91	30
31	GHS 250141	GHS250141	WWP 140129	GHS 170012	1.1				79	69	117	70	93	57	95	56	98	38	99	55	108	66	91	27	97	49	102	33
32	GHS 250146	GHS250146	WWP 140129	GHS 210112	25.5				80	69	113	69	87	53	94	55	99	38	94	54	101	64	91	27	92	49	103	35
33	GHS 250152	GHS250152	BBM 150051	GHS 200063	0.9				102	69	88	69	102	55	113	55	98	39	92	55	89	65	88	32	89	50	80	30
34	GHS 250155	GHS250155		GHS 180077	0.0				102	59	83	58	88	35	122	36	118	24	92	42	78	51					78	17
35	GHS 250163	GHS250163	GHS 200071	GHS 170031	7.9				111	66	83	67	98	49	114	46	111	32	95	50	83	61	100	22	95	44	86	20
36	GHS 250165	GHS250165	GHS 200071	GHS 160119	2.4				98	65	98	66	86	47	98	45	114	27	95	49	87	60	108	20	97	43	99	18
37	GHS 260010	GHS260010	GHS 210113	GHS 200044	14.4				90	65	103	66	80	45	100	46	116	30	95	49	89	59	85	20	92	43	87	24
38	GHS 260021	GHS260021		GHS 180097	0.0				100	38	92	59	98	38	105	36	110	24	96	39	89	49					73	18
									★★★★☆																			
1	GHS 250040	GHS250040	BBM 150051	GHS 160053	0.0				114	67	82	54	89	54	126	53	91	35	85	48	83	56	89	28	83	44	87	28
2	GHS 250044	GHS250044	WWP 140129	GHS 180033	25.0				87	69	95	57	91	47	103	50	106	35	86	48	83	56	83	26	83	44	96	35
3	GHS 250046	GHS250046	BBM 150051	GHS 190145	0.0				114	64	80	49	104	43	106	42	96	34	86	43	80	49	89	28	84	40	89	28
4	GHS 250047	GHS250047	WWP 150106	GHS 200028	0.0				89	61	92	62	96	43	95	48	114	29	88	47	79	57	87	22	86	42	93	32
5	GHS 250049	GHS250049	BBM 150051	GHS 210125	1.5				102	68	94	59	94	53	93	55	94	38	85	51	85	59	87	31	83	47	92	32
6	GHS 250059	GHS250059	BBM 150051	GHS 190086	0.0				113	62	80	49	104	43	106	42	95	34	86	43	80	49	89	28	84	40	89	28
7	GHS 250074	GHS250074	BBM 150051	GHS 210115	0.5				96	68	97	59	91	53	103	54	95	37	87	50	88	59	97	30	87	46	93	29
8	GHS 250095	GHS250095	GHS 210113	GHS 160032	0.0				110	65	79	46	85	42	104	42	111	23	81	40	67	48					92	17
9	GHS 250105	GHS250105	BBM 150051	GHS 160011	0.0				116	67	80	53	104	53	109	53	94	35	88	48	83	55	90	28	86	44	90	28

Selection List on Cow Value

Heifers younger than 2 years

ID Name Sorted on ID			Sire ID	Dam ID	Visual Score % Inbreeding	Horned / Polled	Myostatin Q204X n1821 F94L	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
									★★★★★									
10	GHS 250116	GHS250116	BBM 150051	GHS 150134	2.8				10570	9061	10058	10656	9440	8953	8761	9533	8949	9131
11	GHS 250118	GHS250118	WWP 140129	GHS 190082	0.0				9062	9047	9841	10442	10732	8742	8148	8723	8438	9631
12	GHS 250138	GHS250138	BBM 150051	GHS 160055	2.4				9268	9257	9656	11255	9039	8251	8758	8132	7947	7631
13	GHS 250145	GHS250145	BBM 150051	GHS 160012	0.0				11668	7954	10855	10453	9536	8749	8156	8928	8645	9128
14	GHS 250150	GHS250150	BBM 150051	GHS 200052	2.6				10068	9569	9353	10155	9939	8954	8764	8732	8650	8632
15	GHS 250160	GHS250160		GHS 230088	0.0				8056	9933	9124	10224	10918	8829	8634			8614
16	GHS 260019	GHS260019	GHS 210113	GHS 120138	2.3				9867	9067	7450	9647	11931	8151	6861			8419
									★★★									
1	GHS 250081	GHS250081	WWP 140129	GHS 150154	0.0				9268	8456	8956	10755	10633	7649	7058	8323	7444	9231

