

BONSMARA

GENOMIC BREEDING VALUE REPORT

September 2026



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EBVs, EBVi's and GEBVs

EBVi (Breeding Value Index): Genetic potential relative to the average (100) of the live (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.

Selection Values

LOGIX Cow Value



Selecting for:

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

LOGIX Weaner Calf Value



Select for:

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

LOGIX Production Value



80% LOGIX Cow Value +
20% LOGIX Growth Value

LOGIX Growth Value



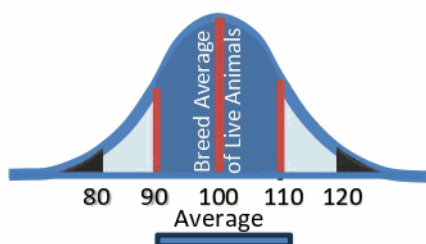
Select for efficient growers on veld and in feedlot, as measured in Phase C and D Growth Tests.

LOGIX Carcass Value

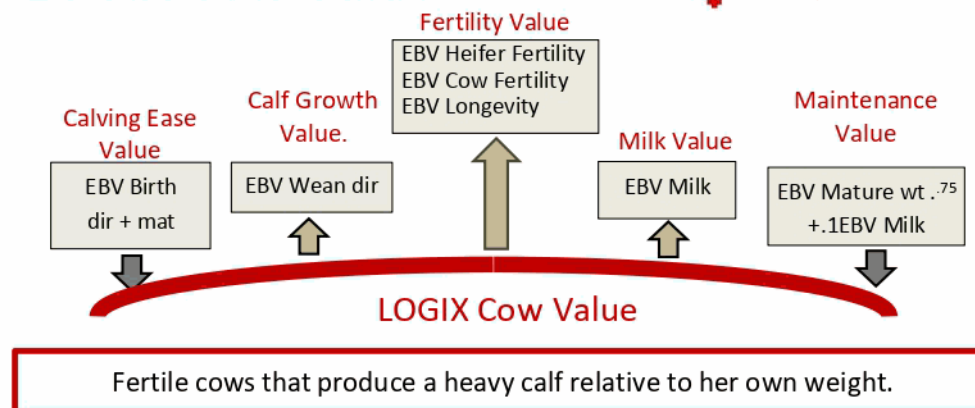


Select for more meat on the carcass as measured from end weight in Phase C and D Growth Tests and RTU scanning.

Interpretation of EBVi and Selection Values



LOGIX Cow Value



How to use the Cow Value

Selection values should be compatible with your selection goal.

AVERAGE ANIMALS

(NO GROWTH EXTREMES)

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

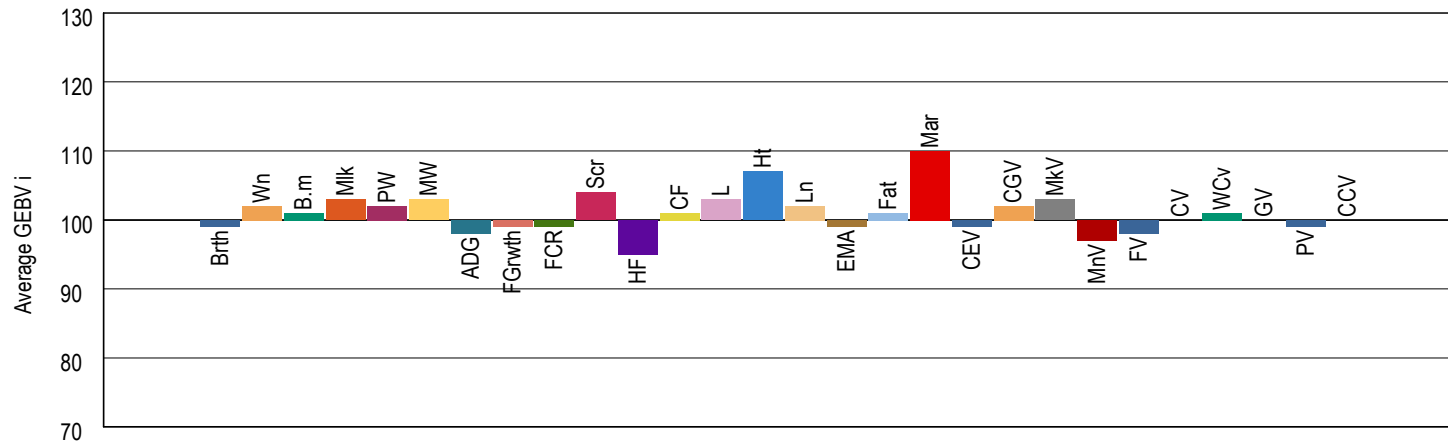
- Maintenance Value >110
 - Cow Value and Fertility Value average to high
- Lighter cows have a lower maintenance.

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
	Scrotal Circumference	Scrotal circumference in growth test	Fertile bulls	Less	More
Fertility	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	1.10	99	0.98
	Wean Weight	16.1	102	14.9
	Birth Mat.	-0.33	101	-0.28
	Milk (Wn.Mat.)	4.6	103	3.7
Postwean Growth	Postwean Wt	27	102	25
	Mature Weight	27	103	22
	ADG	72	98	79
	VeldGrowth	32	99	35
	FCR	-35	99	-37
Fertility	Scrotal Circumf.	15	104	13
	Heifer Fertility	-6.0	95	-9.1
	Cow Fertility	-0.74	101	-0.56
	Longevity	33.8	103	31.8
Frame	Height	2.3	107	-3.1
	Length	15.3	102	13.6
Carcass	EMA	0.623	99	0.683
	Fat	0.167	101	0.055
	Marbling	0.750	110	-0.056

Selection Value	Ave. Herd
Calving Ease	99
Calf Growth	102
Milk	103
Maintenance	97
Fertility	98
Cow Value	100
Weaner Calf Value	101
Growth Value	100
Production Value	99
Carcass Value	100

- 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?:

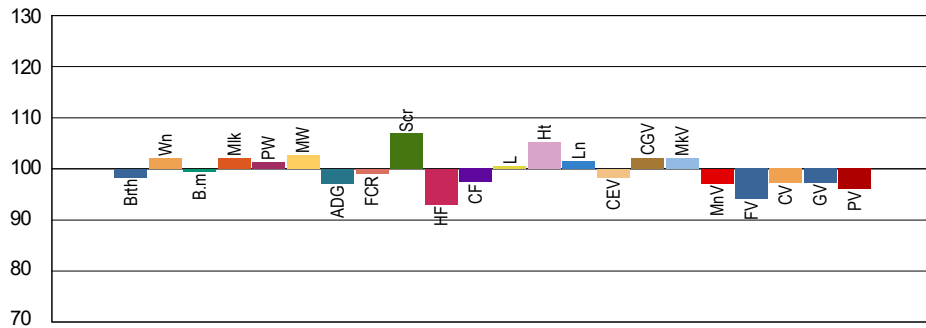
Calving ease:	Smaller calf at birth - easier calving
Calf growth:	Heavier calves at wean due to growth potential of the calf
Milk:	Cows with more milk and better mothering ability
Maintenance:	Animals with low maintenance requirements (lower mature weight).
Fertility:	Cows/daughters that calve earlier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

Genetic Windows

Bulls on the farm

Bulls born in 2023 and earlier

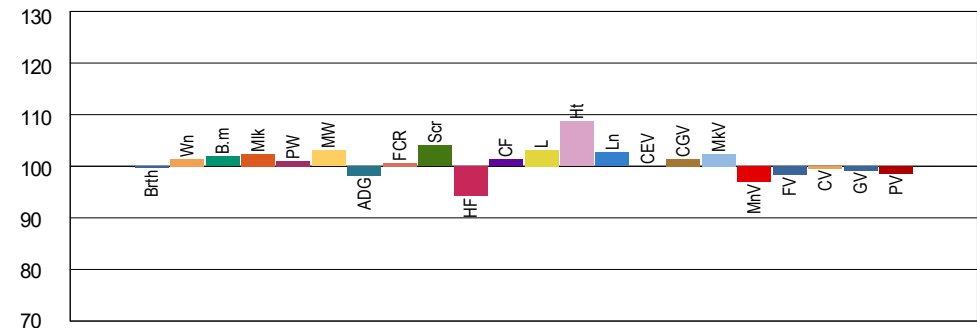
Total: 169



Cow Herd

Cows born in 2024 and earlier

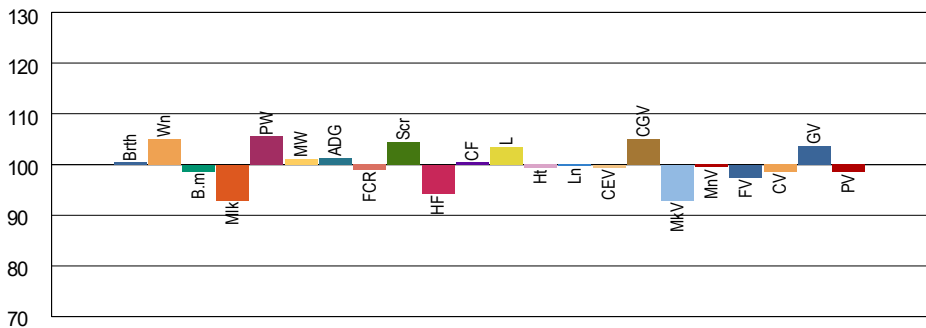
Total: 296



Sires of young animals

Sires of animals 3 years and younger

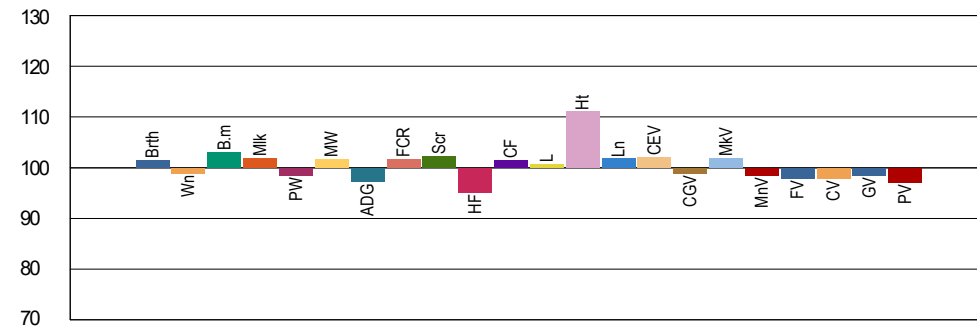
Total: 21



Cows older than 6 years

Cows born in 2020 and earlier

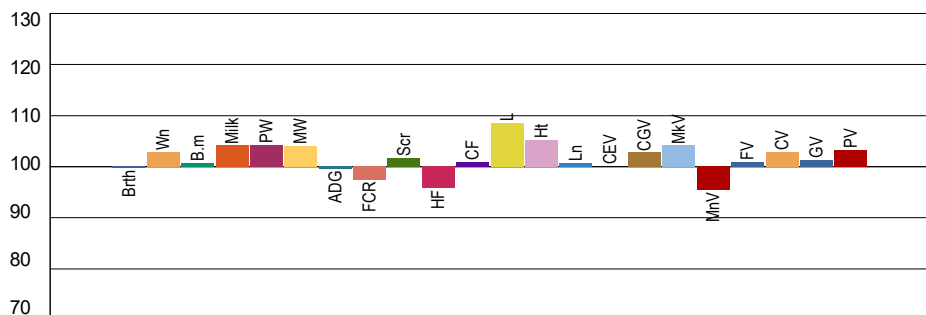
Total: 130



Bull calves

Bulls born in 2025

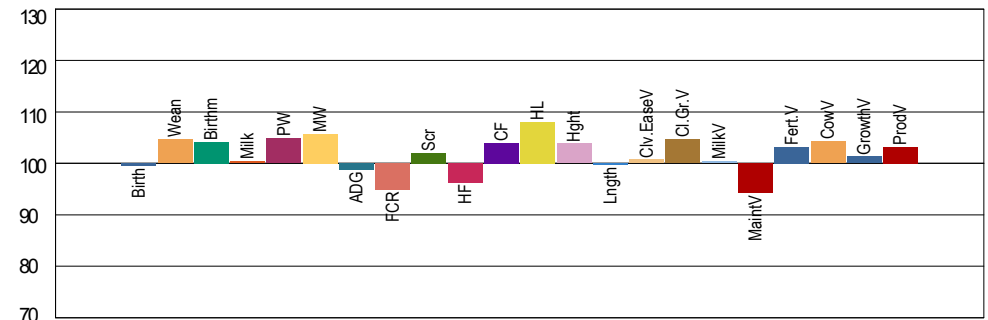
Total: 42



Heifer calves

Heifers born in 2025

Total: 35

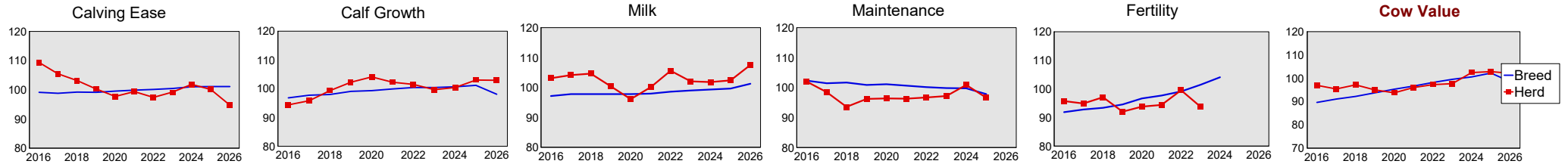


Summary of Cow Herd

			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
2008	1	★	84	91	57	111	82	52	91	55	89	91	85	57	89	90	90	99	84	81	97	83	89	83
2009	1	★★★★	105	77	102	121	91	80			108	77	91	102	81	82	84	99	84	89	108	81	108	87
2010	2	★★	121	70	87	119	96	74	79	72	125	70	147	87	72	83	80	98	80	107	104	78	100	84
2011	5	★★★★	99	90	93	101	116	92	86	89	100	90	114	93	91	98	88	94	98	110	123	92	95	88
2012	10	★★★★	108	91	102	107	88	90	94	89	108	91	102	102	90	94	94	103	97	94	95	89	109	98
2013	11	★★★★	100	93	113	100	91	94	93	92	101	93	96	113	92	99	94	102	95	93	97	92	112	100
2014	6	★★★★★	105	99	104	97	107	105	104	104	100	99	113	104	98	104	99	104	106	101	112	99	117	105
2015	6	★★★★★	102	104	99	94	106	105	102	104	101	104	108	99	103	106	100	106	103	98	110	106	121	109
2016	12	★★★★	105	97	105	98	100	99	100	98	104	97	102	105	97	103	100	105	103	98	101	103	111	100
2017	20	★★★★	109	93	100	104	98	96	99	96	108	93	101	100	94	95	96	100	99	98	100	101	108	97
2018	19	★★★★★	102	103	106	93	104	106	98	104	100	103	112	106	102	106	99	98	104	98	104	107	113	107
2019	19	★★★★★	101	105	103	94	94	102	103	101	100	105	104	103	106	106	100	103	109	90	97	106	115	106
2020	26	★★★★	94	105	97	96	94	95	100	95	95	105	94	97	104	104	98	103	105	89	99	103	109	105
2021	56	★★★★	96	106	101	94	96	99	100	98	95	106	104	101	104	107	99	102	107	92	97	105	108	106
2022	42	★★★★	95	103	108	91	98	99	98	98	95	103	99	108	104	109	98	97	105	91	103	105	108	104
2023	48	★★★★★	99	102	103	96	97	100	97	98	99	102	99	103	102	103	96	99	105	93	101	104	107	103
2024	62	★★★★★	103	102	100	101	103	104	103	103	102	102	102	100	103	99	100	101	105	98	104	106	105	101
2025	35	★★★★★	101	105	100	94	103	104	101	103	100	105	104	100	105	106	99	95	102	96	104	108	104	100
2026	34	★★★★★	92	101	108	98	102	100	100	99	91	101	97	108	104	102	96	91	100	95	107	104	102	96
Cows in Herd Average:			101	97	99	100	98	95	97	94	101	97	104	99	97	100	95	95	100	95	103	99	107	99

Genetic Trends for On-Farm Traits

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



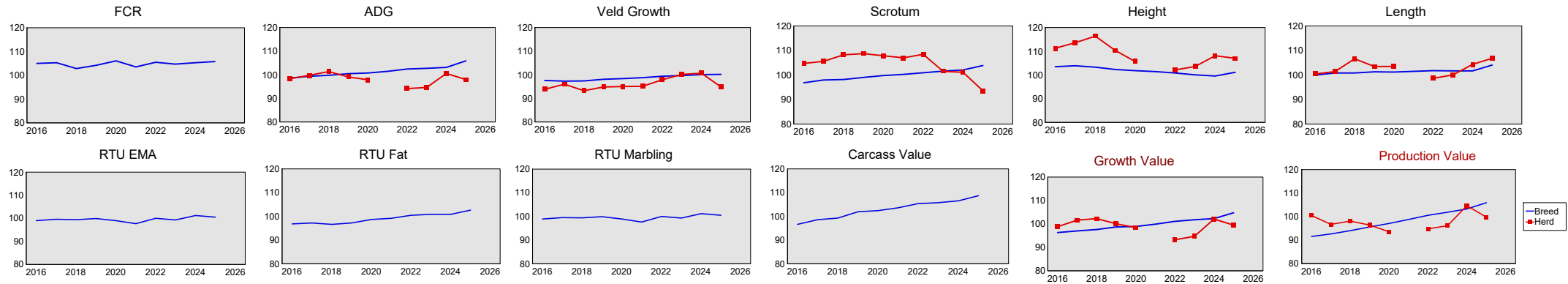
Herd

Birth Year	Calving Ease				Calf Growth			Milk			Maintenance					Fertility							Cow Value	
	Birth Weight		Calv. Ease	Dir EBV	Mat EBV	Weaning Weight	Calf Growth	Milk (Wn.Mat.)		Postwean Weight		Mature Weight		Mainte-nance	Heifer Fert.		Cow Fert.		Longevity		Ferti-lity			
	Number					Number		EBV	Number	EBV	Milk	Number	EBV		Number	EBV	Number	EBV	Number	EBV		Number		EBV
2016	111	0.07	-0.41	109		91	12.0	94	91	4.67	103	77	22.2	13	32	102	14	-5.4	12	0.1	103	27.5	96	97
2017	180	0.37	-0.30	105		159	12.8	96	159	4.99	104	126	23.6	24	15	98	29	-6.3	22	-0.1	152	26.5	95	95
2018	143	0.67	-0.36	103		131	14.6	99	131	5.12	105	89	26.0	24	34	94	19	-5.1	19	-0.8	131	28.2	97	97
2019	121	0.90	-0.18	100		103	16.2	102	103	3.82	100	94	27.3	23	31	96	23	-2.7	20	-0.1	112	28.2	92	95
2020	142	1.17	-0.17	98		122	17.2	104	122	2.54	96	99	28.2	26	27	96	25	-2.6	24	-0.4	119	28.0	94	94
2021	162	1.11	-0.36	99		158	16.2	102	158	3.76	100	122	27.0	47	32	96	45	-4.0	45	0.0	117	30.1	94	96
2022	146	1.22	-0.25	97		123	15.8	102	123	5.43	106	122	25.7	35	35	97	30	-4.5	20	-0.6	37	27.9	100	97
2023	174	1.06	-0.23	99		157	14.8	100	157	4.35	102	140	25.7	5	40	97	4	-0.8					94	98
2024	187	0.78	-0.30	102		172	15.2	100	172	4.27	102	163	26.8			101								103
2025	125	1.01	-0.34	100		87	16.6	103	87	4.44	102	28	25.9			97								103
2026	67	1.53	-0.21	95		42	16.5	103	42	6.02	108													102

Breed

Birth Year	Calving Ease				Calf Growth			Milk			Maintenance					Fertility							Cow Value	
	Birth Weight		Calv. Ease	Dir EBV	Mat EBV	Weaning Weight	Calf Growth	Milk (Wn.Mat.)	Milk	Postwean Weight	EBV	Mature Weight	Maintenance	Heifer Fert.	EBV	Cow Fert.	EBV	Longevity	EBV	Fertility				
	Number					Number		EBV		Number		EBV		Number		EBV		Number		EBV	Number	EBV		Number
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				61	78	100	62	26	96	61	16.1	106	61	8	114	61	15	101								102	97	
2018				43	84	101	41	20	93	43	17.7	108	43	10	116	43	20	107								102	98	
2019				43	76	99	47	23	95	43	17.9	109	43	5	110	43	17	103								100	96	
2020				26	71	98	68	24	95	48	17.5	108	26	1	106	26	17	103								98	94	
2021							108	24	95	59	16.9	107																
2022				28	57	94	91	31	98	71	17.8	108	28	-2	102	28	12	99								93	95	
2023				87	59	95	52	36	100	87	13.7	101	87	0	104	87	14	100								95	96	
2024				42	81	101	118	37	101	91	13.4	101	42	3	108	42	17	104								102	105	
2025				4	71	98	24	23	95	14	8.9	94	4	3	107	4	20	107								100	100	
2026																												

Breed

Birth Year	Growth												Frame						Carcass								Selection Values		
	FCR			ADG			Veld Growth			Scrotum			Height			Length			RTU Number	EMA		Fat		Marbling		Craccs Value	Growth Value	Prod Value	
	Number	EBV	EBVi	Number	EBV	EBVi	Number	EBV	EBVi	Number	EBV	EBVi	Number	EBV	EBVi	Number	EBV	EBVi	EBV	EBVi	EBV	EBVi	EBV	EBVi					
2017	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	ID Comp.nr	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		
																																			Birth	Wean	Grwth Test
AG 020027 46076808	AG 980338 AG 990115		89	79	70	133	101	65	63	90	66	70	72	87	80	74	79	70	63	84	95	110	112	78	87	106	115	77	82	80	65	77	106	90	81		
			95	95	90	87	78	83	93	72	81	88	-14	2.33	1.2	-17	3.5	-5.4	-17	10.6	59	60	-57	-0.89	4.9	-12.5	-3.2	18.0	-17	-4.3	-2.77	-3.65	0.48	30	18	93	
AG 020291 46667432	AG 980338 AG 960190		93	105	100	99	66	81	101	104	84	99	100	96	89	100	105	100	105	99	107	92	101	81	85	81	70	88	91	100	102	82	79	365	328		
			98	98	96	94	84	87	97	68	83	54	24	1.39	-0.2	22	17.4	3.9	85	24.2	104	16	-39	-0.74	3.7	2.1	4.8	24.9	-11	13.3	0.89	-2.84	-1.87	9	73	259	
AG 100384 71700983	AG 070458 AG 030216		113	100	106	100	35	74	105	86	73	103	100	115	101	98	100	106	106	99	84	92	84	115	94	63	45	80	96	98	119	103	109	128	111		
			96	96	91	90	75	83	94	70	80	72	23	-0.63	-1.7	19	14.7	5.7	88	24.1	18	17	-11	1.15	9.2	12.2	9.2	19.5	-6	11.9	2.56	0.56	0.69	24	28	98	
AG 130399 78612868	 AG 110038  AG 030272		107	88	105	136	99	104	100	68	95	73	66	113	67	68	88	105	115	84	70	88	70	96	83	109	103	93	69	72	91	97	114	252	223		
			98	98	96	96	95	89	97	94	90	94	-23	-0.39	2.9	-25	8.7	5.3	108	10.8	-33	7	13	0.12	2.3	-14.0	-1.1	27.6	-28	-10.8	-0.26	-0.45	1.14	7	27	69	
AG 150078 81275356	 AG 100384  AG 070315		91	107	97	97	57	76	101	88	75	90	106	96	87	102	107	97	103	102	96	88	105	120	147	66	65	95	94	102	105	64	75	211	193		
			97	98	96	96	94	89	97	94	90	94	32	1.41	0.2	24	18.7	2.7	80	27.1	63	7	-44	1.43	41.0	10.4	5.7	29.1	-7	15.2	1.21	-5.64	-2.16	46	30	52	
AG 150126 81281131	AG 110061 AG 050010		99	108	119	93	76	103	117	123	107	125	114	97	106	104	108	119	121	111	115	93	119	88	110	74	85	94	135	128	125	106	116	44	40		
			88	90	79	80	58	74	86	48	69	42	43	1.28	-2.4	29	19.4	9.5	124	35.0	137	18	-67	-0.32	18.7	5.6	2.1	28.5	24	38.1	3.20	0.95	1.29	4	11	25	
BRD 070134 65335929	NPT 930109 CX 000081		86	114	93	83	71	81	102	89	80	104	122	94	88	120	114	93	96	112	93	104	96	118	114	79	88	73	104	102	95	100	106	110	108		
			91	96	80	78	63	77	90	49	71	26	52	1.61	0.0	52	22.3	1.5	65	35.8	55	46	-30	1.30	21.0	3.1	1.5	15.5	0	15.0	0.21	0.03	0.43	16	7	20	
BRD 140100 80521628	BRD 070134 BRD 030114		72	136	89	72	80	98	125	114	100	125	141	72	87	136	136	89	105	135	103	90	97	114	103	79	95	82	111	114	113	101	113	30	26		
			86	88	75	76	54	71	84	45	66	16	79	3.88	0.1	75	34.4	0.3	85	55.8	89	11	-31	1.09	14.7	2.8	0.3	21.2	5	26.4	2.02	0.22	1.04	6	9	20	
CEF 160394 83594192	 CEF 130317  CEF 110136		98	99	66	108	118	91	82	102	92	93	88	96	99	92	99	66	73	103	107	104	102	132	131	114	113	103	91	78	56	93	119	262	230		
			99	99	98	98	98	91	99	98	92	98	8	1.35	-1.4	10	14.2	-6.6	8	27.6	105	46	-40	2.07	31.0	-17.4	-2.8	33.8	-10	-6.1	-3.72	-0.99	1.59	73	28	41	
ERH 090054 68671577	ERH 050091 ERH 000029		86	108	94	86	107	96	97	106	98	95	106	85	100	116	108	94	95	104	102	97	122	49	102	95	116	95	133	105	118	82	96	125	114		
			95	96	87	85	65	80	93	51	74	60	32	2.51	-1.6	45	19.4	1.9	61	28.6	86	29	-73	-2.53	13.9	-6.4	-3.4	28.9	23	17.7	2.52	-2.82	-0.38	18	16	82	
ERH 100063 70888847	KHB 050172 ERH 050068		91	100	102	99	121	106	96	105	106	101	91	90	121	99	100	102	102	105	99	102	110	62	109	115	126	98	119	110	138	94	116	69	57		
			93	93	85	84	64	78	90	47	72	63	11	1.98	-4.3	21	14.8	4.4	78	29.1	77	41	-53	-1.77	18.0	-17.8	-5.2	30.9	12	22.8	4.51	-0.84	1.33		14	64	
ERH 130044 77177673	 HART090326  ERH 080008		96	102	96	97	116	104	97	82	98	92	111	91	111	102	102	96	97	98	88	90	79	69	101	111	112	108	81	86	124	83	116	192	173		
			97	98	95	95	93	88	97	94	89	94	38	1.93	-3.1	26	16.0	2.4	66	23.5	33	13	-3	-1.37	13.2	-15.3	-2.6	36.9	-18	1.5	3.07	-2.57	1.33	48	34	89	
FCT 110285 74150830	 FCT 080118  FCT 060069		89	100	131	100	108	114	109	111	114	120	102	96	78	97	100	131	129	105	103	98	94	88	83	108	109	99	90	94	133	137	108	346	325		
			99	99	99	99	98	91	99	98	92	98	26	1.42	1.4	17	15.2	13.2	144	29.1	92	32	-27	-0.33	2.6	-13.6	-2.1	31.3	-11	8.5	3.96	5.91	0.63	94	90	380	
GMS 030276 4040033102	GMS 950700 GMS 960011		105	100	134	90	53	91	112	105	92	110	113	112	95	108	100	134	124	96	112	87	132	95	137	64	69	82	144	128	104	112	104	151	139		
			94	96	88	89	72	82	93	43	74	27	41	-0.23	-0.9	34	15.0	14.1	130	21.1	126	3	-89	0.04	34.6	11.5	5.0	21.2	32	38.3	1.05	1.97	0.31	6	26	50	

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	
																																			Grwth Test	Dght & clvs (Weaned)
GMS 040242		GMS 950700	136	83	92	114	88	94	91	76	88	81	80	137	128	86	83	92	84	81	76	81	96	91	101	93	102	83	102	82	84	109	101	64	59	
4040090128		GMS 990038	92	93	86	84	63	78	90	38	70	27	-3	-2.92	-5.4	1	6.0	1.3	34	8.1	-10	-10	-29	-0.17	13.6	-4.8	-0.8	21.5	-2	-1.9	-0.91	1.55	-0.01	14	71	
													68	94	87	84	93	86	88	92	55	90	15	66	86	61	41	88	62	56	26	28	26			
GMS 050255		HBD 000082	103	104	99	95	94	100	102	87	96	93	107	103	130	103	104	99	101	103	99	101	109	93	120	99	101	88	120	110	94	104	98	25	24	
4040287890		GMS 010063	88	88	84	82	52	73	87	32	65	17	33	0.65	-5.6	27	17.0	3.5	76	28.0	76	37	-51	-0.09	25.0	-8.3	-0.7	24.7	13	22.2	0.06	0.69	-0.26	13	75	
													56	90	85	82	88	84	85	87	47	90	13	60	78	46	28	82	55	48	16	18	16			
GMS 080273		GMS 030276	100	110	100	78	77	90	106	117	95	123	129	108	98	127	110	100	96	108	116	91	128	90	130	84	83	97	148	134	106	117	121	108	96	
67895201		GMS 040056	94	95	89	87	65	80	93	48	74	14	63	0.16	-1.3	61	20.4	3.8	65	32.0	138	14	-83	-0.26	30.9	0.2	2.4	29.8	35	44.0	1.27	2.67	1.76	28	110	
													83	96	90	87	95	89	90	92	83	85	10	92	92	65	40	91	89	84	14	15	14			
HART070027		AG 020027	87	94	57	122	137	90	73	81	86	83	84	83	93	84	94	57	63	95	87	93	80	81	96	119	148	99	50	70	118	96	111	214	195	
65332447		BHE 040187	99	98	98	97	95	90	98	96	91	96	3	2.77	-0.7	-2	11.8	-9.4	-16	20.2	28	18	-3	-0.75	10.4	-19.7	-9.1	31.4	-43	-12.9	2.50	-0.62	0.88	72	420	
													95	99	98	97	98	98	98	98	97	95	94	98	98	95	94	97	98	97	96	97	96			
HART070037		CEF 030322	123	70	116	131	119	107	85	95	104	79	64	143	101	73	70	116	101	72	96	94	101	109	83	127	121	86	106	93	102	100	129	126	108	
65332637		HART040031	96	96	92	91	89	86	95	87	86	86	-25	-3.49	-1.7	-18	-1.0	8.6	76	0.0	62	22	-38	0.79	2.7	-24.4	-4.4	23.1	2	7.2	0.87	0.12	2.38	17	69	
													88	97	93	91	96	92	93	95	87	94	86	89	93	87	85	94	88	87	86	87	86			
HART070087		AG 030359	110	95	85	97	101	90	87	111	93	101	90	107	114	103	95	85	81	98	104	87	101	74	79	97	111	84	97	96	61	118	102	77	43	
65332496		HJB 040027	96	95	93	92	91	86	94	90	87	94	11	0.28	-3.5	26	12.4	-0.9	29	23.3	94	4	-39	-1.09	0.1	-7.1	-2.5	22.5	-6	10.4	-3.22	2.97	0.14	21	48	
													91	97	94	92	95	93	93	94	92	92	88	95	94	90	88	94	94	93	93	94	93			
HART070145		BHE 020074	87	88	96	121	84	75	85	68	70	75	79	85	106	83	88	96	95	86	79	85	87	103	106	103	82	88	96	77	83	97	94	44	39	
65321622		BHE 020112	90	91	81	79	62	76	87	54	72	64	-5	2.57	-2.4	-4	8.6	2.5	60	12.1	-2	0	-15	0.49	16.5	-10.6	2.7	24.9	-6	-6.7	-1.03	-0.35	-0.59	8	43	
													56	93	83	79	91	81	84	88	67	79	35	80	82	60	41	85	75	68	61	68	62			
HART080026		AG 020027	93	95	88	108	74	72	87	84	71	84	90	88	101	91	95	88	89	94	91	88	102	80	97	79	92	79	94	89	75	87	107	11	10	
65912099		HART020023	80	80	66	64	51	65	75	48	62	64	10	2.20	-1.7	9	12.5	-0.1	47	19.5	44	8	-40	-0.77	10.8	3.1	0.9	19.4	-8	3.7	-1.81	-2.07	0.54	2	8	
													46	84	71	64	80	66	70	74	62	51	29	77	74	47	34	72	71	64	61	68	62			
HART080069		AG 010152	116	101	109	107	93	111	112	97	109	113	93	113	110	91	101	109	114	99	107	83	101	109	127	87	104	95	100	112	141	108	116	52	26	
66354663		HART050016	88	85	72	71	58	70	81	49	66	66	14	-0.42	-2.9	8	15.5	6.3	107	24.3	104	-6	-38	0.84	28.8	-1.9	-1.3	28.7	-3	24.0	4.81	1.33	1.33	4	13	
													65	93	78	71	85	72	76	87	64	79	29	78	81	53	36	86	72	66	62	69	63			
HART080082		HJS 030016	115	67	104	149	96	87	78	61	79	72	60	121	56	52	67	104	100	67	73	92	55	119	69	104	107	84	52	37	35	121	130	237	208	
66354796		NGO 000069	99	98	97	97	96	90	98	96	91	97	-30	-1.21	4.4	-49	-3.0	4.9	72	-4.4	-21	15	38	1.36	-5.7	-11.5	-1.8	22.0	-41	-41.9	-5.78	3.43	2.49	79	170	
													96	99	98	97	98	97	97	98	97	96	95	98	98	96	95	98	98	97	97	97	97			
HART080128		AEJ 030199	90	100	87	92	96	82	85	124	89	112	105	90	98	108	100	87	85	107	122	116	124	102	112	98	102	94	135	128	109	99	112	7	7	
66590993		RCO 020049	78	79	65	63	50	64	74	49	61	63	30	2.06	-1.3	34	14.9	-0.2	38	31.0	161	75	-76	0.43	20.2	-7.9	-0.9	28.0	25	38.5	1.63	-0.03	0.93	1	2	
													48	82	69	63	79	65	69	77	62	47	30	77	74	48	32	71	71	63	59	67	60			
HART090326		AG 030029	87	110	94	99	111	105	103	98	103	111	102	90	85	100	110	94	105	108	97	98	83	93	100	101	119	96	97	109	110	113	132	149	136	
69886521		HART060079	99	98	98	97	96	90	98	96	91	97	26	2.02	0.4	21	20.3	2.0	84	32.4	70	32	-9	-0.04	12.9	-9.7	-3.9	29.2	-5	21.7	1.70	2.06	2.65	63	181	
													96	99	98	97	98	98	98	98	97	96	95	98	98	96	95	98	98	97	97	97	97			
HART090329		AG 030029	90	116	68	89	111	97	96	121	102	118	111	94	95	114	116	68	82	121	111	106	112	103	101	94	122	100	86	131	75	88	123	206	189	
69886554		HART060096	99	9																																

Sires

Bull				Selection Values								Birth			Wean				Grwth & Adaptation					Fertility				Raam		Carcass			Progeny				
Index EBV Acc	Genomic	Sire ID Dam ID	Comp.nr	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	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		
Birth																																			Wean		
Grwth Test																																			Dght & clvs (Weaned)		
HART100116 70660089		AG 030029 GBS 060049		87	114	90	85	102	98	103	99	97	106	115	86	103	118	114	90	96	118	97	122	103	94	81	88	119	94	124	115	80	101	136	188	159	
				99	98	97	97	96	90	98	95	91	96	44	2.49	-1.9	48	22.7	0.5	63	40.7	66	89	-41	-0.03	1.2	-2.0	-3.9	28.0	16	26.7	-1.36	0.19	2.96	12	44	192
HART110058 72362353		HJS 030016 HART050004		76	111	100	76	79	79	100	138	89	115	132	73	94	130	111	100	96	123	118	132	128	113	107	81	92	91	137	111	43	85	111	135	119	
				99	98	98	98	97	90	98	97	91	98	67	3.78	-0.8	65	21.0	3.8	63	45.1	149	113	-83	1.05	17.1	1.5	0.8	26.5	26	23.4	-5.04	-2.27	0.85	36	29	86
HART110073 72403181		AG 030029 HART080028		99	89	74	111	103	77	73	80	75	81	86	103	86	89	89	74	71	90	85	98	75	89	80	118	106	80	70	76	77	82	112	123	101	
				95	95	87	86	70	81	92	58	76	67	5	0.71	0.3	6	8.9	-4.2	4	16.2	21	30	5	-0.29	0.8	-19.6	-1.6	19.9	-27	-8.1	-1.60	-2.85	0.94	29	23	70
HART110186 73075491		HJS 030016 NGO 000069		89	112	123	88	99	113	116	124	116	124	122	94	89	111	112	123	123	116	113	112	114	107	101	97	107	96	112	104	65	107	144	97	80	
				98	98	96	96	95	89	97	95	90	96	53	1.61	-0.1	38	21.1	10.7	129	39.6	129	66	-59	0.72	13.1	-7.1	-1.9	29.3	6	17.0	-2.80	1.19	3.65	23	21	70
HART120080 74652819		HART070087 HART100039		112	94	90	103	106	98	91	92	96	93	88	110	108	96	94	90	89	91	101	90	103	117	98	101	105	107	93	89	45	117	95	15	15	
				83	81	73	70	53	67	78	50	64	66	7	-0.04	-2.7	16	11.9	0.8	46	17.2	84	12	-42	1.29	11.3	-9.5	-1.5	36.2	-9	4.2	-4.81	2.71	-0.45	5	4	23
HART120318 76104728		AG 010152 HJB 050068		96	94	132	94	74	92	103	111	94	105	105	99	93	103	94	132	120	101	106	93	108	83	121	76	98	69	94	95	104	104	117	81	69	
				91	93	78	76	63	76	88	60	73	74	30	1.04	-0.7	26	11.9	13.5	122	26.3	101	19	-50	-0.59	25.4	4.9	-0.3	13.5	-8	9.1	1.07	0.73	1.35	24	8	24
HART130240 78069259		AG 010152 HART100164		115	99	89	111	87	97	101	106	98	98	93	116	101	88	99	89	96	99	108	105	102	102	97	76	103	100	99	93	106	83	117	90	80	
				93	94	85	85	67	79	91	58	75	79	15	-0.66	-1.7	5	14.6	0.4	64	24.2	111	47	-40	0.41	11.1	4.4	-1.1	32.1	-4	7.4	1.29	-2.61	1.37	13	16	48
HART140265 80071103		HART100116 AEJ 060163		76	110	126	82	103	106	111	106	106	112	119	80	90	119	110	126	120	114	101	108	86	79	75	82	124	96	113	111	108	106	128	166	139	
				98	98	96	96	95	89	97	96	90	96	49	3.09	-0.2	50	20.4	11.7	120	37.0	83	56	-14	-0.83	-2.3	1.2	-4.8	29.4	8	23.4	1.45	1.07	2.29	51	28	47
HART150313 82324229		HART110058 HART110088		74	121	120	79	66	93	121	130	100	119	122	79	88	123	121	120	122	122	122	116	126	113	104	71	74	100	132	121	76	98	107	90	86	
				96	96	93	93	91	87	95	90	88	91	54	3.20	0.1	56	26.4	9.9	126	45.0	161	74	-79	1.04	15.0	7.4	4.1	31.8	23	32.4	-1.69	-0.20	0.55	17	22	
HART160088 83014035		HART090329 HART070122		79	127	72	88	89	92	108	106	93	112	118	79	94	115	127	72	93	120	102	106	113	118	99	77	103	95	99	129	108	87	101	66	61	
				95	96	93	93	90	86	95	90	87	90	47	3.16	-0.8	44	29.2	-4.9	57	42.5	87	51	-57	1.30	12.0	4.3	-1.1	28.9	-4	39.6	1.50	-1.96	0.05	6	15	26
HART170114 85391191		FCT 110285 HART130193		96	82	124	129	117	108	95	101	107	103	77	101	68	74	82	124	121	93	92	108	92	119	96	120	113	107	100	82	105	128	95	93	80	
				97	97	95	95	94	88	96	94	89	94	-7	0.84	2.7	-16	5.3	10.9	125	18.6	48	56	-23	1.40	10.1	-20.3	-2.8	36.1	-3	-2.5	1.18	4.41	-0.47	21	5	11
HART170213 85601003		HART090122 HART130110		105	99	79	104	77	79	89	114	83	117	99	108	94	96	99	79	83	99	110	110	104	82	100	87	79	96	94	100	126	95	141	63	59	
				96	96	93	92	91	87	95	92	88	92	22	0.17	-0.8	16	14.6	-2.7	33	24.5	117	61	-43	-0.67	12.9	-1.7	3.1	29.2	-8	13.4	3.31	-0.73	3.39	7	4	5
HART190204 89715494		CEF 130317 HART170008		110	123	78	87	104	116	117	134	121	134	117	109	134	116	123	78	95	128	125	118	127	116	113	96	100	113	95	124	130	143	112	97	92	
				98	98	97	97	96	90	98	96	91	96	46	0.03	-6.1	46	27.4	-3.0	61	49.8	175	79	-81	1.18	20.7	-6.6	-0.6	39.6	-7	34.6	3.66	6.91	0.99	24	6	6
HART200020 89817134		CEF 160394 HART160296		109	107	78	97	95	95	99	113	98	101	99	106	124	103	107	78	86	109	113	107	104	126	128	86	99	104	109	107	86	87	105	192	155	
				99	99	98	98	97	90	99	98	92	98	23	0.38	-4.8	26	18.7	-3.2	39	33.1	127	54	-44	1.79	29.3	-1.1	-0.5	34.2	4	19.7	-0.68	-2.05	0.40	10	2	3

Sires

Bull				Selection Values								Birth			Wean				Grwth & Adaptation					Fertility				Raam		Carcass			Progeny			
Index EBV Acc	Genomic	Sire ID Dam ID	Comp.nr	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	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	
Birth																																			Wean	
HART210212		CEF 160394	92549773	77	108	86	92	87	78	90	101	80	107	106	79	88	109	108	86	91	119	92	111	63	141	113	80	89	107	80	76	66	93	130	24	19
92549773		HART140306		93	93	89	89	88	84	92	88	85	90	31	3.16	0.1	35	19.3	-0.6	52	42.0	49	63	24	2.60	20.6	2.2	1.4	36.0	-19	-7.6	-2.72	-1.02	2.50		
HBD 000172		GMS 930213	4001175217	98	81	122	104	89	84	84	75	79	74	85	104	83	93	81	122	105	80	81	92	90	93	84	78	117	76	110	87	79	101	94	167	143
4001175217		HBD 930063		96	97	91	87	72	83	94	24	71	12	4	0.54	0.7	12	4.7	10.5	86	7.2	9	16	-20	-0.05	3.5	3.8	-3.6	17.5	5	2.3	-1.44	0.21	-0.53	32	134
NFS 180147		HART110058	87237806	105	111	80	89	105	102	100	133	108	138	117	106	105	113	111	80	88	123	133	125	130	112	120	106	104	105	123	143	111	116	113	92	84
87237806		NFS 140097		96	97	94	94	93	88	96	95	89	95	46	0.32	-2.3	41	20.8	-2.3	43	45.4	203	97	-86	1.01	24.5	-12.5	-1.3	34.9	15	51.3	1.75	2.63	1.03	33	15
OMBU100009		VBB 070066	70887427	118	83	119	102	71	84	91	85	81	81	89	115	113	95	83	119	102	94	96	121	109	93	108	72	91	82	104	99	67	73	92	15	14
70887427		ERH 060060		81	83	65	64	50	65	77	45	61	44	9	-0.63	-3.3	15	5.6	9.4	78	19.4	64	87	-51	-0.07	17.6	6.9	1.0	20.8	0	12.8	-2.64	-4.25	-0.75	2	10
OMBU120020		VV 080161	75143156	127	82	105	124	78	92	95	95	91	89	82	125	111	80	82	105	98	85	90	99	100	100	95	101	67	97	99	86	89	106	101	4	
75143156		HART080095		75	72	61	59	45	59	69	39	55	44	-1	-1.69	-3.0	-7	5.2	5.4	69	11.4	41	33	-36	0.31	9.9	-9.9	5.3	30.1	-4	1.5	-0.40	0.97	0.04		
OMBU200029		HART090332	90510876	113	101	82	100	104	100	95	84	95	88	92	113	108	100	101	82	86	93	81	89	84	87	114	107	104	104	91	75	73	107	101	11	11
90510876		OMBU130069		90	90	87	87	85	81	89	86	82	84	13	-0.37	-2.6	22	15.5	-1.8	39	18.4	7	10	-10	-0.38	21.1	-13.2	-1.3	34.2	-10	-8.6	-2.01	1.17	0.03	4	
OMBU200030		HART090332	90510884	128	105	102	103	109	126	117	109	124	117	91	125	121	95	105	102	109	102	101	82	96	126	93	107	94	122	101	103	84	143	129	51	47
90510884		OMBU130103		93	94	88	87	86	83	92	86	84	85	11	-1.62	-4.3	14	17.4	4.4	96	27.2	84	-8	-30	1.75	8.4	-13.3	0.4	45.1	-2	16.1	-0.96	6.91	2.40	8	
OMBU200043		HART090332	90511015	101	108	87	88	93	94	98	112	97	118	108	103	103	114	108	87	90	107	97	78	93	116	96	88	100	105	121	109	93	116	128	12	11
90511015		OMBU140145		79	80	63	60	47	63	74	46	60	36	35	0.66	-2.0	42	19.5	-0.2	50	31.7	70	-17	-26	1.20	10.5	-2.1	-0.5	34.8	14	21.6	0.02	2.54	2.35	5	
OMBU200046		HART160088	90511049	96	105	94	97	82	88	98	81	84	96	104	97	95	102	105	94	98	103	87	120	99	116	93	82	85	103	98	107	97	88	97	12	12
90511049		ERH 110081		78	81	60	56	43	61	74	46	58	42	29	1.25	-0.9	25	17.4	1.7	68	27.7	29	84	-35	1.20	8.5	1.4	2.1	33.8	-5	19.5	0.40	-1.91	-0.35	6	
OMBU200067		HART160088	90605213	102	103	74	104	101	91	90	103	92	99	91	106	90	96	103	74	82	101	100	103	108	118	85	102	99	103	99	108	93	95	97	12	11
90605213		OMBU120041		90	90	86	86	85	81	89	86	82	84	11	0.37	-0.3	16	16.4	-4.2	30	25.8	80	44	-50	1.34	4.1	-10.1	-0.4	33.9	-4	20.5	-0.05	-0.71	-0.35	10	
OMBU210053		ERH 130044	91968099	104	98	102	105	115	110	101	88	105	92	94	99	109	93	98	102	104	92	94	96	87	89	98	104	114	111	85	91	100	97	109	2	2
91968099		OMBU170005		72	73	61	59	42	58	69	37	54	43	15	1.12	-2.8	12	14.1	4.5	84	17.7	58	25	-15	-0.29	11.8	-11.2	-3.0	38.6	-15	5.7	0.64	-0.49	0.71	2	
OMBU210066		HART160088	91995928	95	116	63	96	112	99	98	96	97	92	105	91	108	105	116	63	81	108	96	94	107	88	103	89	127	101	99	102	83	97	94	6	6
91995928		OMBU140110		90	90	87	87	85	81	89	86	82	86	31	1.91	-2.6	29	23.2	-7.5	27	32.4	64	22	-48	-0.32	14.6	-2.7	-5.4	32.3	-4	15.0	-0.99	-0.42	-0.56	1	
VBB 070066		DBT 030036	64950587	77	105	97	86	76	73	91	95	74	101	109	80	90	116	105	97	95	110	101	113	103	112	81	71	98	84	120	118	69	57	87	50	41
64950587		BHE 000115		92	91	85	83	67	78	89	80	78	79	35	3.07	-0.2	45	17.9	2.8	61	33.8	81	66	-41	0.97	1.4	7.6	-0.3	22.1	13	29.5	-2.38	-6.77	-1.12	12	16
VV 080161		VV 050202	66404898	129	79	128	130	72	101	106	98	99	92	75	141	116	73	79	128	123	84	90	91	99	101	96	100	53	100	89	85	108	111	103	160	143
66404898		VV 060084		95	97	91	90	69	82	95	62	78	67	-11	-3.29	-3.8	-18	3.5	12.2	128	10.6	40	14	-34	0.38	10.3	-8.9	7.9	31.9	-12	0.2	1.51	1.85	0.18	12	30

Sires

Bull				Selection Values										Birth			Wean				Grwth & Adaptation					Fertility				Raam		Carcass			Progeny		
Index EBV Acc	ID	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 Thickn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling	Nr measured		
																																			Birth	Wean	
																																				Grwth Test	Dght & clvs (Weaned)
WAGB040107	GMS 980270			103	102	85	107	66	80	97	88	78	98	94	105	93	92	102	85	93	96	92	100	111	66	87	78	74	84	120	98	73	132	115	172	140	
4040123093	IH 940051			97	97	92	91	70	83	95	50	76	86	15	0.41	-0.7	10	16.2	-0.9	57	21.2	48	37	-55	-1.56	4.8	3.5	4.0	22.0	13	11.9	-2.05	5.05	1.20	37	39	152
														89	98	93	91	97	92	93	96	84	97	12	92	94	71	46	94	90	85	84	89	84			

Growth Tests

Animal					Weight		Conformation				Growth & Efficiency					Carcass			
Test Code	Sex	Test number	Sire ID	Cow Value	Wean dir	End-wt	Length	Height	Length/Height	Scrotum	Intake	ADG	FCR	Veld Growth	Growth Value	EMA Eye muscle Area	Fat	Marbling	Carcass Value
Test Station		ID	Dam ID																
201305 B22 M MUNGUNDA		0610326BON OMBU130046 77409134	VV 080161 GRT 990121	96	85	87	93	98	92	86	117	87	93	84	91	91	116	106	97
						14	7	-5	1.13	4.6	0.11	29	-26	-3		-0.25	2.59	0.48	
				59	73	50	48	52	50	73	24	47	24	88	37	38	44	39	41
201401 D11 M EMOK BONSMARASTOET		0553175BON ERH 130044 77177673	HART090326 ERH 080008	104	102	93	86	81	113	101	99	88	79	90	82	124	83	116	92
						19	2	-18	1.19	13.2	0.43	33	-3	13		3.07	-2.57	1.33	
				88	98	96	95	96	96	97	91	95	91	96	94	93	94	93	94
201401 B22 M MUNGUNDA		0610326BON OMBU140018 79664629	VV 080161 OMBU120003	101	81	85	86	93	91	106	119	88	97	105	90	96	106	100	87
						13	2	-9	1.13	16.6	0.08	34	-31	48		0.25	1.03	-0.04	
				56	69	46	44	48	46	72	21	43	21	89	34	32	36	33	34
		OMBU140038 79698304	HART090332 CWS 050064	78	103	101	104	120	74	106	104	100	102	92	101	87	114	122	104
						27	17	13	1.08	16.3	0.35	80	-41	17		-0.60	2.24	1.83	
				58	72	48	47	48	48	71	18	47	18	89	33	32	35	32	34
201507 B22 M MUNGUNDA		0610326BON OMBU150089 82921305	ERH 090054 OMBU100027	91	96	91	98	120	66	111	121	97	112	90	90	100	90	97	89
						18	12	13	1.06	19.2	0.05	68	-56	12		0.73	-1.47	-0.32	
				55	70	46	44	48	46	71	9	43	9	89	28	28	32	29	30
201909 B22 F TRISTONE BUSINESS TRUST		0680092BON HART200055 89925044	HART110058 HART130315	64	99	107	104	136	51	84	115	100	110	140	111	45	82	75	92
						33	17	26	1.02	3.0	0.16	77	-53	132		-4.81	-2.73	-2.18	
				83	91	89	89	89	89	89	87	88	87	93	88	89	89	89	89
202005 B22 M MUNGUNDA		0610326BON OMBU200090 91265322	HART090332 OMBU160055	104	99	96	97	107	85	118	98	108	107	66	106	78	121	124	104
						22	11	2	1.11	23.5	0.47	108	-49	-47		-1.51	3.37	1.97	
				58	71	54	53	56	54	74	18	52	18	89	36	36	40	36	38
		OMBU200098 91265389	AG 150078 OMBU140024	98	120	113	115	118	92	119	106	103	107	99	103	105	82	95	106
						38	27	11	1.13	24.4	0.32	90	-49	33		1.17	-2.77	-0.46	
				57	71	55	54	57	56	74	19	53	19	88	37	37	42	38	40
		OMBU200110 91301069	HART160088 OMBU150015	119	129	126	132	112	125	111	102	109	113	121	112	122	95	111	123
						50	42	7	1.23	19.2	0.39	113	-58	87		2.89	-0.78	0.87	
				55	69	47	44	48	46	72	14	43	14	88	30	36	40	36	38
		OMBU210006 91368837	AG 150078 OMBU110027	90	95	91	98	105	88	114	123	89	101	102	85	94	84	88	85
						18	11	1	1.12	21.0	0.00	36	-39	42		0.11	-2.55	-1.10	
				57	72	53	51	55	53	74	16	50	16	89	34	31	36	33	34
202102 D11 M		0610326BON																	

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
202102 D11 M MUNGUNDA		0610326BON																	
		OMBU200029	HART090332	100	101	85	75	91	78	114	117	81	84	89	84	73	107	101	88
		90510876	OMBU130069	81	90	12	-9	-10	1.09	21.1	0.11	7	-10	10	86	-2.01	1.17	0.03	84
						88	88	89	88	90	83	87	83	87		84	84	84	
		OMBU200030	HART090332	126	105	105	103	101	102	93	94	101	96	82	109	84	143	129	117
		90510884	OMBU130103	83	94	31	16	-2	1.16	8.4	0.52	84	-30	-8	86	-0.96	6.91	2.40	85
						89	89	90	90	92	84	88	84	91		85	85	85	
		OMBU200036	HART110073	82	101	100	91	82	117	78	102	85	78	115	100	97	98	112	103
		90510942	OMBU170058	56	70	26	5	-17	1.20	-0.1	0.39	24	0	72	44	0.43	-0.34	0.99	39
						66	61	69	65	72	21	60	21	52		37	41	37	
		OMBU200037	HART090332	102	94	90	100	120	68	95	108	108	117	80	102	82	112	116	90
		90510959	OMBU130102	59	72	17	14	13	1.07	10.0	0.27	108	-64	-12	44	-1.08	1.96	1.27	39
						67	63	70	66	73	21	62	21	58		37	41	38	
		OMBU200041	HART110073	96	91	99	97	96	101	133	101	105	108	95	98	95	95	113	99
		90510991	OMBU170089	56	70	25	11	-6	1.16	32.7	0.40	99	-49	23	42	0.19	-0.78	1.07	40
						67	62	70	66	73	18	61	18	53		38	41	38	
		OMBU200042	HART160088	88	102	105	123	115	107	102	110	105	115	104	102	102	95	101	101
		90511007	OMBU120008	55	70	31	34	9	1.18	14.1	0.24	100	-61	46	40	0.87	-0.69	0.02	38
						64	59	68	64	72	15	58	15	51		36	39	36	
		OMBU200056	HART160088	94	126	132	135	124	109	107	102	111	116	108	133	114	105	116	131
		90605114	OMBU120077	55	70	55	44	16	1.18	17.0	0.38	119	-63	55	38	2.07	0.88	1.28	34
						64	59	68	64	72	11	58	11	54		32	35	32	
		OMBU200067	HART160088	91	103	101	108	99	113	85	111	100	108	103	103	93	95	97	99
		90605213	OMBU120041	81	90	27	21	-4	1.19	4.1	0.22	80	-50	44	86	-0.05	-0.71	-0.35	84
						89	88	90	89	91	83	88	83	86		84	84	84	
202104 B22 M MUNGUNDA		0610326BON																	
		OMBU210043	HART110073	94	91	86	82	85	99	87	99	88	79	72	86	80	93	115	88
		91951947	OMBU190011	57	70	13	-2	-15	1.15	5.0	0.45	34	-2	-32	34	-1.35	-0.98	1.21	38
						51	50	52	51	72	17	49	17	89		36	40	37	
		OMBU210044	HART090332	113	104	117	116	129	76	116	94	110	108	120	115	99	110	129	112
		91951954	OMBU180113	58	70	42	28	20	1.09	22.2	0.54	116	-49	84	36	0.60	1.62	2.40	38
						54	53	55	54	73	18	53	18	89		37	40	37	
		OMBU210045	AG 150126	101	101	112	116	129	75	109	107	106	114	107	108	114	98	108	105
		91951962	OMBU130110	55	69	37	27	20	1.09	18.1	0.29	104	-60	52	30	2.03	-0.26	0.64	26
						45	43	47	45	71	14	42	14	89		24	27	25	
		OMBU210047	HART090332	107	98	104	103	113	84	111	94	104	99	93	105	95	110	126	105
		91951988	OMBU180133	58	70	30	16	7	1.11	19.4	0.54	94	-35	19	36	0.22	1.70	2.16	38
						55	53	56	54	73	18	53	18	89		37	40	37	
		OMBU210049	HART090332	105	123	124	125	139	74	105	93	110	107	93	120	100	118	129	125
		91952002	OMBU150092	57	70	47	36	28	1.08	15.7	0.54	116	-48	18	34	0.72	2.94	2.40	34
						52	51	53	52	72	17	50	17	89		32	35	32	

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 Area			Value
202104 B22 M MUNGUNDA		0610326BON	ERH 130044 OMBU170005		98	96	91	85	112	98	96	94	87	96	88	100	97	109	92
		OMBU210053		110															
		91968099		58															
		OMBU210054	HART090332 OMBU120051	105	101	103	101	118	73	99	105	99	101	91	108	88	118	123	109
		91968107		58															
202105 B22 M MUNGUNDA		0610326BON	AG 150126 JS 130204	95	104	102	105	116	80	106	104	103	106	93	107	103	102	107	104
		OMBU210059		55															
		91970319																	
		OMBU210066	HART160088 OMBU140110	99	116	97	102	99	104	103	117	96	107	94	96	83	97	94	92
		91995928		81															
		OMBU210070	AG 150126 OMBU120072	98	104	106	113	120	85	94	110	102	110	101	106	107	108	108	106
		91995951		55															
		OMBU210072	HART160088 OMBU130103	97	105	99	108	94	122	93	116	93	102	100	94	97	99	101	99
		91995977		56															
202106 B22 M MUNGUNDA		0610326BON	HART090332 OMBU180073	117	128	119	114	120	87	118	94	110	108	109	116	110	111	129	117
		OMBU210080		58															
		92100072																	
		OMBU210100	HART160088 IH 090012	92	104	113	118	101	125	104	102	105	108	107	106	107	88	99	108
		92119445		57															
		OMBU210107	ERH 130044 OMBU170089	109	105	102	97	96	102	108	98	95	90	70	93	119	95	114	103
		92290626		55															
202110 B22 M MUNGUNDA		0610326BON	AG 150126 OMBU190050	114	109	120	122	129	84	98	94	112	111	93	120	116	112	122	123
		OMBU210108		54															
		92902311																	
		OMBU210109	AG 150126 OMBU180107	95	103	113	117	126	82	121	97	115	117	90	117	109	114	123	116
		92902345		54															
		OMBU210118	AG 150126 OMBU180122	107	109	116	116	119	91	108	99	108	109	97	114	114	108	119	119
		92902410		54															

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 Area			Value
202110 B22 M MUNGUNDA		0610326BON OMBU210122	AG 150078 OMBU130127	94	111	111	114	115	94	140	111	108	119	110	103	108	83	88	98
		92902469		57	71	36 54	26 53	9 56	1.14 54	36.7 73	0.23 19	110 52	-69 19	60 89	36	1.49 36	-2.65 42	-1.07 37	39
202111 B22 M MUNGUNDA		0610326BON OMBU210128	AG 150078 OMBU180024	101	109	99	100	97	105	128	109	94	97	80	85	112	76	90	90
		92902527		57	71	25 54	14 53	-6 55	1.17 54	29.3 73	0.27 17	56 51	-31 17	-13 88	36	1.92 37	-3.76 42	-0.87 38	40
		OMBU210129	ERH 130044 OMBU170015	98	100	90	87	88	101	93	106	88	85	94	89	117	89	113	91
		92902535		58	71	17 55	2 53	-13 56	1.16 54	8.3 73	0.32 13	33 52	-12 13	22 88	34	2.35 41	-1.71 44	1.03 41	42
		OMBU210130	ERH 130044 OMBU140074	114	103	96	93	98	93	95	107	87	85	86	85	116	95	110	98
		92902543		58	71	23 57	8 55	-5 58	1.14 56	9.8 74	0.30 15	32 54	-12 15	3 88	36	2.29 41	-0.79 44	0.80 41	42
		OMBU210133	ERH 130044 OMBU160071	104	98	91	89	90	100	101	104	90	86	73	85	113	92	110	94
		92902576		57	71	18 55	4 53	-11 56	1.16 54	13.2 73	0.36 17	41 52	-14 17	-30 88	36	2.01 42	-1.25 46	0.75 42	44
		OMBU210135	AG 150078 ERH 110077	83	101	89	87	83	110	122	117	90	98	106	88	107	76	90	87
		92902592		58	72	16 55	2 54	-16 57	1.18 56	26.1 74	0.12 22	42 53	-34 22	49 88	38	1.38 41	-3.70 45	-0.86 42	43
		OMBU210136	AG 150078 IH 110073	91	88	93	100	102	96	124	116	95	105	102	87	94	72	86	84
		92902600		58	72	20 54	13 53	-2 56	1.14 54	27.2 73	0.14 19	62 51	-45 19	40 88	36	0.09 36	-4.41 41	-1.25 36	38
202112 B22 M MUNGUNDA		0610326BON OMBU210149	ERH 130044 OMBU160055	104	99	88	90	89	105	109	103	96	94	70	85	99	96	109	92
		92902709		57	71	15 53	5 52	-12 55	1.17 54	18.3 73	0.38 13	62 51	-27 13	-36 87	33	0.58 41	-0.52 45	0.71 41	43
		OMBU220004	AG 150078 OMBU150029	98	109	103	106	112	89	131	114	101	112	92	95	105	73	86	91
		93061257		54	62	28 53	19 52	6 55	1.12 54	31.2 73	0.17 17	82 50	-56 17	17 57	35	1.14 35	-4.26 41	-1.20 36	38
202203 B22 M MUNGUNDA		0610326BON OMBU220021	AG 150078 IH 110059	90	108	102	97	90	113	122	99	94	88	85	90	98	74	91	98
		93736809		81	89	28 87	11 87	-11 87	1.19 87	25.9 89	0.44 84	55 86	-17 84	-1 93	86	0.45 85	-4.09 85	-0.85 85	85
		OMBU220023	HART140265 OMBU170005	111	100	111	101	103	96	105	77	108	91	110	106	91	117	115	108
		93736825		82	90	36 87	15 87	-1 88	1.14 88	15.5 90	0.84 85	108 87	-21 85	61 93	86	-0.23 86	2.75 87	1.18 86	86
		OMBU220024	AG 150078 OMBU120018	86	105	103	114	121	86	134	125	102	123	97	96	102	57	85	89
		93736833		81	89	29 87	26 86	13 87	1.11 86	33.2 89	-0.03 84	87 86	-74 84	29 93	86	0.91 85	-6.81 85	-1.30 85	85

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 Area			Value
202203 B22 M MUNGUNDA		0610326BON	 HART200020 OMBU180113																
		OMBU220028		118	110	121	121	127	86	119	94	104	99	109	106	101	85	114	109
		93736874		80	89	45	32	18	1.12	24.1	0.53	94	-35	57	85	0.79	-2.35	1.09	85
						86	86	86	86	89	84	86	84	93		85	85	85	85
		OMBU220030		96	104	97	109	107	101	108	115	95	104	103	85	102	77	93	85
		93736890	AG 150078 OMBU130122	82	90	23	22	3	1.16	17.7	0.15	61	-43	44	86	0.84	-3.53	-0.64	86
						87	87	88	88	90	85	87	85	93		85	86	86	86
		OMBU220032	AG 150078 HMB 120032	65	88	74	78	100	68	109	132	77	91	83	67	79	90	85	72
		93736916		81	90	3	-6	-3	1.06	18.3	-0.16	-9	-21	-6	86	-1.38	-1.48	-1.29	85
						87	87	87	87	90	84	87	84	93		85	85	85	85
		OMBU220034	AG 150078 OMBU120088	90	100	95	98	100	96	117	117	87	93	82	87	99	82	88	92
		93736932		56	71	22	12	-3	1.14	23.2	0.12	30	-26	-7	34	0.60	-2.83	-1.10	34
						51	50	53	52	73	16	48	16	89		32	37	33	85
		OMBU220037	AG 150078 OMBU120092	105	122	112	111	101	114	147	98	106	106	71	97	99	70	106	103
		93736965		81	89	37	23	-2	1.19	41.0	0.45	101	-46	-35	86	0.62	-4.72	0.48	85
						87	87	87	87	89	84	86	84	93		85	85	85	85
202203 D11 M TRISTONE BUSINESS TRUST		0680092BON	 CEF 160394 HART140306	78	108	101	76	80	99	113	73	92	63	111	101	66	93	130	107
		HART210212		84	93	27	-8	-19	1.15	20.6	0.91	49	24	63	88	-2.72	-1.02	2.50	90
		92549773				90	89	90	90	91	87	89	87	88		89	90	89	90
202204 B22 M MUNGUNDA		0610326BON	 AG 150078 OMBU120077	89	112	115	113	113	97	135	105	107	112	95	109	112	100	102	120
		OMBU220039		81	89	40	25	7	1.15	33.7	0.34	104	-56	24	85	1.86	-0.01	0.12	84
						86	86	86	86	89	84	86	84	93		84	85	84	84
		OMBU220040	HART140265 OMBU140110	114	102	104	100	98	102	98	97	98	93	94	103	93	128	128	110
		93736999		81	90	29	13	-4	1.16	11.3	0.47	71	-25	22	86	-0.01	4.52	2.33	86
						87	87	88	88	90	85	87	85	93		86	87	86	86
		OMBU220041	HART140265 OMBU160065	120	127	122	119	125	87	95	84	107	95	86	110	103	103	123	119
		93737005		57	71	46	31	17	1.12	9.6	0.72	106	-29	2	38	1.00	0.58	1.86	48
						55	53	56	54	73	21	53	21	89		46	49	46	48
		OMBU220045	HART140265 OMBU170074	102	108	106	105	116	81	87	104	99	101	119	103	107	99	113	101
		93737047		56	70	32	18	9	1.10	5.0	0.34	75	-38	81	34	1.39	-0.10	1.02	46
						52	50	53	52	73	16	50	16	89		44	47	44	85
		OMBU220047	AG 150078 OMBU130103	84	76	68	71	72	105	109	127	72	78	81	66	84	68	89	65
		93737062		82	90	-3	-12	-25	1.17	18.3	-0.06	-28	0	-11	86	-0.95	-4.94	-0.96	86
						88	87	88	88	90	85	87	85	93		86	86	86	86
		OMBU220051	AG 150078 OMBU120082	87	94	90	98	101	96	122	127	90	106	83	88	111	89	85	86
		93737104		81	89	17	12	-3	1.14	26.2	-0.06	40	-46	-5	86	1.82	-1.68	-1.36	85
						87	86	87	86	89	84	86	84	93		85	85	85	85
		OMBU220054	HART200020 OMBU190002	91	100	98	95	94	103	120	92	97	87	76	89	95	86	104	93
		93737138		52	69	24	9	-8	1.16	24.7	0.58	68	-15	-22	32	0.18	-2.16	0.24	40
						48	50	53	52	72	15	45	15	89		38	41	38	85

Growth Tests

Animal					Weight		Conformation				Growth & Efficiency					Carcass			
Test Code	Sex	Test number	Sire ID	Cow Value	Wean dir	End-wt	Length	Height	Length/Height	Scrotum	Intake	ADG	FCR	Veld Growth	Growth Value	EMA Eye muscle Area	Fat	Marbling	Carcass Value
Test Station		ID	Dam ID																
202204 B22 M MUNGUNDA		0610326BON																	
		OMBU220057	AG 150078	94	105	111	114	110	103	135	98	111	112	113	103	101	94	107	109
		93737161	OMBU120061	80		36	26	5	1.16	33.4	0.47	120	-57	67		0.82	-0.82	0.52	
					88	86	86	86	86	89	83	85	83	93	84	84	84	84	84
		OMBU220061	HART140265	102	106	113	110	116	87	94	92	103	97	95	108	100	110	126	111
		93737203	OMBU180029	53		38	22	10	1.12	9.1	0.57	92	-31	24		0.70	1.61	2.17	
					61	53	52	54	53	72	20	51	20	54	36	45	48	45	46
		OMBU220066	AG 150078	85	95	95	101	101	100	118	116	94	104	95	90	99	87	87	90
		94056306	OMBU120072	57		22	14	-3	1.15	23.8	0.13	58	-43	23		0.53	-2.05	-1.13	
					71	53	52	55	54	73	20	50	20	88	36	35	40	36	38
		OMBU220067	HART140265	100	99	97	98	104	90	87	104	94	93	114	94	100	104	110	96
		94056314	OMBU170173	56		24	12	0	1.13	5.1	0.34	55	-25	69		0.73	0.65	0.78	
					70	52	50	53	52	72	19	50	19	88	36	45	48	45	46
		OMBU220068	AG 150078	74	104	94	98	99	99	115	121	90	101	101	80	99	74	82	87
		94056322	ERH 110081	58		21	12	-4	1.15	21.9	0.05	41	-39	38		0.56	-3.99	-1.60	
					72	57	56	59	58	74	21	54	21	88	39	40	45	41	42
202205 B22 M MUNGUNDA		0610326BON																	
		OMBU220069	ERH 130044	101	92	95	96	98	98	111	106	96	98	86	90	113	92	110	93
		94056330	OMBU190117	56		21	10	-5	1.15	19.2	0.31	64	-33	2		2.02	-1.23	0.78	
					70	52	50	53	52	73	14	50	14	87	33	40	43	40	42
		OMBU220070	ERH 130044	98	109	103	94	93	103	102	99	95	90	93	98	110	90	107	99
		94056348	OMBU190017	82		29	9	-9	1.16	14.2	0.44	59	-20	20		1.73	-1.53	0.55	
					90	88	87	88	88	90	85	87	85	92	86	86	86	86	86
		OMBU220072	HART170114	100	99	101	97	111	77	107	103	98	99	105	105	100	122	109	109
		94056363	OMBU190057	55		27	11	6	1.09	16.8	0.37	73	-35	48		0.69	3.54	0.71	
					70	50	49	51	50	72	18	48	18	86	34	42	45	42	44
		OMBU220073	ERH 130044	88	89	88	87	88	101	100	117	76	76	113	80	89	85	117	87
		94056371	OMBU140145	81		16	2	-13	1.16	12.7	0.11	-11	3	68		-0.44	-2.28	1.36	
					89	87	87	87	87	89	84	87	84	93	86	86	86	86	86
		OMBU220076	ERH 130044	95	99	100	98	103	92	106	104	97	98	97	96	116	90	111	96
		94056405	OMBU200015	56		26	12	-1	1.13	16.4	0.36	69	-33	29		2.33	-1.46	0.85	
					70	52	51	53	52	72	13	50	13	89	32	39	42	40	40
		OMBU220077		101	91	87	91	103	81	96	110	86	86	97		79	102	112	89
		94056413	OMBU190105	43		15	5	-1	1.10	10.3	0.25	27	-13	28		-1.40	0.41	0.97	
					58	25	25	26	26	65	9	24	9	88		16	18	16	17
		OMBU220078	ERH 130044	102	96	98	97	99	97	101	101	95	92	81	93	115	90	112	98
		94056421	OMBU190101	56		24	11	-4	1.15	13.3	0.41	61	-23	-11		2.16	-1.45	0.99	
					70	50	49	51	50	72	14	49	14	89	32	39	42	40	40
		OMBU220084	ERH 130044	111	109	101	99	95	108	113	99	95	89	98	85	119	89	115	97
		94056462	OMBU180134	57		27	13	-7	1.18	20.3	0.45	59	-19	31		2.55	-1.70	1.21	
					70	55	53	56	54	73	12	53	12	89	34	42	45	42	44
202301 D11 M		0610326BON																	

Growth Tests

Animal					Weight		Conformation				Growth & Efficiency					Carcass			
Test Code	Sex	Test number	Sire ID	Cow Value	Wean dir	End-wt	Length	Height	Length/Height	Scrotum	Intake	ADG	FCR	Veld Growth	Growth Value	EMA Eye muscle Area	Fat	Marbling	Carcass Value
Test Station		ID	Dam ID																
202301 D11 M MUNGUNDA		0610326BON OMBU220089 94674975	 AG 150078 OMBU160002	91	113	110	111	114	92	145	112	101	110	96	89	111	73	70	102
				81	89	35 88	24 88	8	1.13	39.9 89	0.21 84	82 87	-53 84	25 87	86	1.81 85	-4.17 86	-2.62 85	86
		OMBU220092 94675006	HART140265 OMBU180126	111	113	117	116	126	82	87	86	104	93	104	107	115	99	121	114
				55	69	41 66	28 62	17 69	1.10	4.9 72	0.67 16	95 61	-26 16	46 52	41	2.20 45	-0.06 48	1.70 45	46
		OMBU220094 94675022	AG 150078 OMBU160055	91	96	91	100	99	101	129	117	99	112	94	88	87	86	87	86
				56	70	18 66	13 63	-4 70	1.16	30.2 74	0.12 17	77 61	-56 17	22 59	42	-0.65 36	-2.14 41	-1.13 37	38
		OMBU220101 94675121	 AG 150078 OMBU140074	88	99	91	93	99	92	98	118	85	90	83	80	106	77	85	91
				82	90	18 89	8 88	-4 89	1.13	11.9 90	0.10 85	21 88	-21 85	-6 88	87	1.25 86	-3.51 86	-1.32 86	86
		OMBU220105 94675162	AG 150078 OMBU120050	84	102	101	103	109	89	131	117	100	113	92	98	104	83	87	93
				57	71	27 67	17 64	4 71	1.12	31.2 74	0.12 19	80 62	-58 19	16 58	43	1.10 36	-2.65 42	-1.12 37	39
		OMBU220106 94675170	 ERH 130044 OMBU200034	100	99	82	79	92	82	108	117	78	79	71	76	110	113	123	87
				82	90	10 89	-5 89	-10 90	1.11	17.3 90	0.12 85	-3 88	-3 85	-34 88	87	1.72 87	2.15 87	1.87 87	87
		OMBU220110 94675212	AG 150078 OMBU150056	96	112	110	115	126	79	115	112	97	105	92	99	116	84	88	101
				57	71	35 67	27 63	18 70	1.10	21.6 73	0.20 19	69 61	-45 19	16 58	43	2.23 36	-2.45 41	-1.03 37	38
		OMBU220111 94675220	AG 150078 OMBU130127	89	101	107	107	114	87	127	112	106	117	92	108	107	85	91	99
				57	71	32 67	20 64	8 71	1.12	29.2 74	0.20 19	101 62	-65 19	18 58	43	1.37 36	-2.35 42	-0.86 37	39
		OMBU220114 94675253	HART140265 ERH 110062	103	95	91	81	70	128	88	96	93	84	100	97	98	98	113	93
				58	72	18 69	-3 65	-27 71	1.23	5.9 74	0.50 21	51 64	-10 21	36 55	45	0.44 49	-0.20 52	1.06 49	50
		OMBU220116 94675279	 ERH 130044 OMBU170015	95	92	80	78	79	103	76	110	81	78	85	83	111	95	115	83
				81	89	8 88	-6 87	-20 89	1.16	-1.6 89	0.25 83	9 87	-1 83	-2 87	86	1.79 85	-0.71 85	1.17 85	85
		OMBU220119 94675303	AG 150078 OMBU180122	88	102	104	105	98	111	142	107	102	107	99	95	102	87	99	99
				56	70	29 67	18 63	-5 70	1.19	37.6 73	0.30 18	86 61	-48 18	33 56	42	0.89 37	-1.99 42	-0.18 38	40
		OMBU220120 94675311	AG 150078 OMBU120016	91	91	91	88	79	119	128	114	87	91	84	86	101	83	86	89
				56	70	18 66	3 62	-20 70	1.21	29.3 73	0.17 19	29 61	-21 19	-2 57	42	0.80 35	-2.70 40	-1.20 36	38
		OMBU220121 94675329	ERH 130044 OMBU200018	110	111	108	104	110	88	112	95	100	94	100	100	112	100	125	106
				57	70	33 67	17 63	5 70	1.12	19.9 73	0.51 15	79 62	-27 15	35 54	41	1.85 41	0.08 45	2.03 42	43
		OMBU220123 94675345	AG 150078 OMBU160071	89	98	95	99	100	98	138	114	98	107	88	90	102	83	90	91
				57	71	22 67	13 63	-3 71	1.15	35.6 74	0.17 20	71 62	-48 20	6 59	44	0.85 37	-2.63 42	-0.90 38	40

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
202302 D11 M	M	0610326BON																	
MUNGUNDA		OMBU220124	ERH 130044	114	97	89	81	85	98	106	108	79	72	89	81	104	91	106	89
		94675352	OMBU200045	82	90	89	88	89	88	90	85	88	85	87	87	86	86	86	86
		OMBU220126	ERH 130044	108	105	102	100	98	103	123	98	101	98	89	95	109	99	123	106
		94675378	OMBU200027	57	70	67	13	-5	1.16	26.6	0.46	81	-33	8	41	1.60	-0.07	1.88	43
		OMBU220133	AG 150078	94	101	103	107	115	84	131	115	101	113	99	96	105	74	89	93
		94675113	OMBU150029	57	70	66	20	9	1.11	31.4	0.14	82	-58	34	42	1.20	-4.01	-1.00	38
		OMBU220134	AG 150078	92	102	100	105	110	91	106	110	97	103	94	99	103	89	103	98
		94675428	OMBU180135	57	70	67	18	5	1.13	16.4	0.25	69	-41	21	42	0.94	-1.75	0.18	40
		OMBU220135	ERH 130044	100	100	104	102	99	103	101	96	99	94	99	101	116	98	117	105
		94675436	OMBU190056	55	69	66	15	-4	1.16	13.1	0.49	75	-26	34	39	2.30	-0.31	1.37	40
		OMBU230008	HART140265	99	94	95	104	117	77	95	104	96	96	91	89	93	102	109	91
		94932746	OMBU110044	57	71	66	17	11	1.09	9.7	0.35	63	-29	14	40	-0.02	0.31	0.74	42
		OMBU230011	AG 150078	97	105	111	112	114	95	125	101	110	113	105	110	105	92	103	105
		94932779	OMBU190050	56	70	66	25	8	1.14	27.8	0.41	116	-58	49	42	1.16	-1.25	0.16	38
		OMBU230012	AG 150078	93	105	101	101	103	97	105	113	91	95	87	91	107	79	85	93
		94932787	OMBU160097	57	71	66	15	-1	1.15	15.7	0.20	43	-28	5	42	1.41	-3.20	-1.32	38
		OMBU230013	ERH 130044	85	104	100	94	93	104	115	99	98	96	95	97	128	94	110	96
		94932795	OMBU190005	81	89	88	8	-9	1.17	21.6	0.44	73	-29	24	86	3.45	-0.83	0.76	85
		OMBU230014	AG 150078	84	101	108	109	109	98	147	110	104	113	92	100	106	85	93	100
		94932803	OMBU170136	57	71	67	22	4	1.15	41.0	0.24	94	-58	16	42	1.25	-2.39	-0.61	34
		OMBU230015	AG 150078	87	106	108	110	106	104	125	109	98	103	100	98	110	86	90	102
		94932811	OMBU170123	54	68	66	22	1	1.17	27.6	0.27	73	-42	35	42	1.70	-2.23	-0.91	38
		OMBU230016	HART140265	102	98	99	105	116	80	85	106	90	89	105	88	106	99	114	95
		94932829	OMBU150106	56	70	67	18	10	1.10	3.6	0.31	43	-19	48	42	1.28	-0.04	1.12	46
		OMBU230017	HART140265	93	94	100	102	100	102	93	93	102	95	100	97	85	110	114	97
		94932837	OMBU160072	56	70	67	15	-3	1.16	8.6	0.55	85	-29	35	42	-0.77	1.58	1.10	46
202401 D11 M																			
0610326BON																			

Growth Tests

Animal					Weight		Conformation				Growth & Efficiency					Carcass			
Test Code	Sex	Test number	Sire ID	Cow Value	Wean dir	End-wt	Length	Height	Length/Height	Scrotum	Intake	ADG	FCR	Veld Growth	Growth Value	EMA Eye muscle Area	Fat	Marbling	Carcass Value
Test Station		ID	Dam ID																
202401 D11 M MUNGUNDA	M	0610326BON OMBU230027 95990834	ERH 130044 OMBU210022	109	118	120	111	112	96	129	88	102	92	107	105	118	101	125	118
				56	69	44	23	6	1.14	30.4	0.63	88	-23	52	40	2.49	0.29	2.07	42
		OMBU230029 95990859	ERH 130044 OMBU200078	96	111	104	106	105	100	100	105	95	95	114	90	116	84	104	97
				56	70	30	19	1	1.16	13.1	0.34	59	-28	70	41	2.24	-2.55	0.27	43
		OMBU230034 95990909	ERH 130044 OMBU210093	94	97	93	85	85	104	94	100	85	76	113	87	103	93	119	93
				56	70	19	1	-15	1.17	9.1	0.42	24	3	68	40	1.01	-1.01	1.58	44
		OMBU230036 96198940	OMBU200029 OMBU210001	100	102	90	87	89	99	129	113	90	94	86	83	85	92	92	88
				50	66	17	2	-12	1.15	30.2	0.19	41	-27	2	40	-0.78	-1.28	-0.74	28
		OMBU230040 96198981	OMBU200029 OMBU210099	97	100	87	90	95	94	95	119	87	95	78	87	84	95	97	87
				50	66	14	5	-7	1.14	10.0	0.09	31	-29	-17	38	-0.88	-0.75	-0.34	26
		OMBU230044 96199013	ERH 130044 OMBU200116	103	102	88	82	77	113	129	109	91	93	70	84	115	81	102	87
				56	70	15	-2	-21	1.19	30.1	0.25	45	-25	-36	42	2.15	-2.98	0.12	44
		OMBU230049 96199062	AG 150078 OMBU160062	83	115	111	110	108	101	119	103	102	103	115	106	95	101	103	107
				57	71	36	23	3	1.16	24.1	0.37	85	-42	71	43	0.20	0.14	0.23	38
		OMBU230052 96199096	ERH 130044 OMBU210097	109	98	87	73	69	114	96	104	78	68	83	82	106	95	118	91
				56	70	14	-11	-28	1.20	10.5	0.35	-2	16	-6	40	1.26	-0.74	1.43	44
		OMBU230062 96199195	HART170114 OMBU180113	111	87	105	110	138	57	93	104	100	101	110	102	107	107	103	102
				54	70	30	23	27	1.03	8.8	0.36	78	-39	60	42	1.43	1.22	0.21	44
		OMBU230063 96199203	ERH 130044 OMBU200092	94	99	86	87	93	94	109	113	90	93	75	80	106	79	96	81
				56	69	13	3	-9	1.14	18.1	0.20	40	-26	-26	40	1.27	-3.30	-0.37	43
		OMBU230065 96199229	ERH 130044 OMBU210071	99	98	105	98	101	95	106	100	97	93	106	104	117	95	116	105
				55	69	31	12	-2	1.14	16.6	0.43	66	-25	49	40	2.40	-0.66	1.27	40
		OMBU230066 96199237	HART140265 OMBU120051	106	116	109	110	117	85	87	99	98	94	99	100	102	105	114	108
				56	70	34	22	11	1.11	5.2	0.45	70	-27	32	40	0.90	0.88	1.17	42
		OMBU230074 96199302	HART170114 OMBU180133	104	84	94	97	109	80	103	102	96	95	103	93	105	109	102	97
				54	70	21	11	4	1.10	14.7	0.38	64	-28	44	42	1.18	1.42	0.08	44
		OMBU230075 96199310	AG 150078 OMBU140091	88	99	105	111	110	99	147	109	105	114	86	100	102	86	93	99
				56	71	31	23	5	1.15	40.8	0.26	100	-60	1	42	0.93	-2.09	-0.61	34

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 Area			Value
202401 D11 M MUNGUNDA		0610326BON																	
		OMBU230079	HART140265	116	126	125	132	150	68	89	90	112	108	99	116	116	113	119	120
		96199344	OMBU130024	57	71	49	42	36	1.06	6.0	0.61	126	-49	34	45	2.30	2.13	1.52	46
		OMBU230080	AG 150078	80	97	94	92	91	103	111	112	89	93	96	93	106	81	95	91
		96199351	OMBU170015	57	71	21	7	-10	1.16	19.1	0.20	39	-25	26	42	1.33	-2.96	-0.51	38
						67	63	71	67	74	17	62	17	59		35	41	36	
		OMBU230083	OMBU200043	99	107	116	110	118	85	101	94	107	105	92	122	104	106	125	119
		96199385	OMBU190082	50	66	41	23	11	1.11	13.6	0.52	107	-44	18	38	1.12	1.07	2.06	21
						63	58	67	62	71	12	56	12	41		20	22	20	
202402 D11 M MUNGUNDA		0610326BON																	
		OMBU230088	OMBU200067	101	90	90	94	96	97	92	112	97	104	90	95	90	94	100	88
		96199435	IH 110065	52	69	17	8	-6	1.15	7.9	0.21	68	-44	11	38	-0.33	-0.90	-0.03	23
		OMBU230089	HART170114	116	110	107	101	112	80	97	100	96	93	107	102	114	107	105	108
		96199443	OMBU180111	55	70	33	14	7	1.10	11.2	0.41	65	-26	53	42	2.11	1.13	0.35	44
						66	62	69	66	72	18	60	18	54		43	46	44	
		OMBU230090	OMBU200067	99	98	94	106	103	104	86	115	98	108	103	98	97	99	103	95
		96199450	OMBU130072	51	68	21	19	-1	1.17	4.4	0.15	70	-50	43	36	0.43	-0.06	0.23	23
						64	58	68	63	72	9	57	9	44		22	24	22	
		OMBU230091	OMBU200043	108	125	119	118	128	80	92	91	99	90	78	107	111	103	119	119
		96199468	OMBU180129	51	67	43	29	19	1.10	7.8	0.58	76	-20	-18	37	1.78	0.46	1.59	26
						63	58	67	62	70	11	56	11	41		25	27	25	
		OMBU230098	OMBU200043	93	114	114	117	120	91	106	101	100	100	87	105	101	112	120	118
		96199534	OMBU180057	51	67	39	29	13	1.13	16.3	0.41	81	-36	5	38	0.80	1.87	1.60	20
						64	58	67	62	71	11	57	11	42		19	21	19	
		OMBU230101	AG 150078	84	110	103	107	100	109	119	108	98	102	82	94	102	79	92	100
		96199567	OMBU140067	57	71	29	20	-3	1.18	24.0	0.28	71	-40	-8	43	0.89	-3.19	-0.76	38
						67	63	70	66	74	19	61	19	57		35	40	36	
		OMBU230103	HART170114	103	97	108	102	114	80	102	99	97	93	111	108	112	114	105	112
		96199583	OMBU190088	53	69	33	15	8	1.10	14.2	0.44	69	-26	62	40	1.84	2.21	0.38	40
						65	60	69	64	72	16	59	16	53		39	42	39	
		OMBU230104	HART170114	100	78	86	82	88	93	96	105	89	86	99	88	92	105	97	90
		96199591	OMBU200023	50	59	13	-2	-13	1.14	10.2	0.34	38	-14	32	42	-0.14	0.90	-0.34	44
						66	62	69	66	73	19	60	19	57		43	46	44	
		OMBU230105	OMBU200067	95	103	100	91	78	125	96	102	96	94	96	107	105	101	109	102
		96199609	OMBU120031	53	69	26	6	-20	1.23	10.3	0.39	64	-27	27	41	1.21	0.17	0.71	30
						65	60	69	64	72	17	59	17	38		30	31	30	
		OMBU230109	HART140265	100	90	98	97	101	93	98	100	90	83	96	91	94	105	114	96
		96199641	OMBU110044	57	71	24	11	-2	1.14	11.3	0.43	42	-9	26	40	0.11	0.77	1.10	42
						66	62	70	66	73	15	61	15	53		41	44	42	

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 Area			Value
202402 D11 M MUNGUNDA		0610326BON																	
		OMBU230110	OMBU200067	74	105	108	112	124	78	86	109	106	115	125	112	70	90	88	99
		96199658	HART200055	50	68	33	25	16	1.09	4.7	0.26	103	-62	96	42	-2.29	-1.49	-1.07	38
						65	60	68	64	71	18	58	18	52		36	39	36	
		OMBU230118	OMBU200067	97	94	106	116	121	88	97	111	108	120	109	109	98	100	100	100
		96199724	OMBU130127	51	68	32	28	14	1.12	11.0	0.22	111	-70	58	39	0.45	0.08	-0.02	26
						65	60	69	64	72	13	58	13	41		25	28	25	
		OMBU230123	OMBU200043	105	114	112	113	120	86	106	99	103	103	86	106	109	101	117	107
202403 D11 M MUNGUNDA		OMBU230124	OMBU180085	51	67	37	26	13	1.11	16.5	0.44	92	-41	3	38	1.59	0.16	1.39	28
						64	59	67	63	71	11	57	11	43		26	29	27	
		OMBU230124	ERH 130044	103	106	98	97	111	77	101	106	96	98	81	93	108	94	113	94
		96199781	OMBU200077	56	69	24	11	6	1.09	13.5	0.32	65	-33	-10	40	1.48	-0.85	1.01	44
						67	63	70	66	73	14	62	14	55		42	45	42	
		OMBU230125	AG 150078	85	100	93	96	94	104	119	116	91	98	84	89	103	86	87	87
		96199799	OMBU170064	57	71	20	10	-8	1.17	24.1	0.14	45	-34	-4	43	0.98	-2.19	-1.19	38
						67	63	70	66	74	19	61	19	58		35	40	36	
202403 D11 M MUNGUNDA		OMBU230128	HART140265	94	101	98	95	105	84	99	97	98	92	103	101	93	102	112	95
		96199823	JS 130204	57	72	24	9	1	1.11	12.0	0.48	70	-24	43	42	-0.01	0.31	0.96	44
						66	62	69	66	73	19	61	19	58		43	46	44	
		OMBU230129	AG 150078	95	104	105	109	119	81	112	114	95	103	93	97	111	84	88	96
		96199831	OMBU150056	57	71	31	22	12	1.10	20.2	0.17	59	-41	18	43	1.83	-2.44	-1.07	38
						67	63	70	66	74	19	61	19	58		36	41	37	
		0610326BON																	
		OMBU230133	HART140265	113	110	116	121	124	91	100	89	108	101	103	105	104	102	124	114
202403 D11 M MUNGUNDA		96308754	OMBU120092	57	71	41	33	16	1.13	12.5	0.63	109	-38	43	44	1.11	0.31	2.01	44
						67	62	70	66	74	20	61	20	57		43	46	43	
		OMBU230135	HART140265	96	106	109	113	122	83	86	94	101	96	105	103	101	106	122	106
		96308770	OMBU120062	57	71	34	25	15	1.11	4.7	0.52	84	-30	49	42	0.75	1.06	1.80	46
						66	62	70	66	73	19	61	19	56		45	48	45	
		OMBU230137	OMBU200046	103	108	102	108	105	102	95	114	92	99	103	91	109	98	104	104
		96308796	OMBU150083	51	67	28	20	1	1.16	9.8	0.17	50	-35	43	38	1.57	-0.32	0.28	27
						63	57	67	62	70	12	56	12	36		26	28	26	
202403 D11 M MUNGUNDA		OMBU230143	HART140265	106	105	107	94	82	123	92	86	100	87	110	111	107	103	121	110
		96308853	ERH 110062	58	72	32	8	-17	1.22	8.0	0.67	78	-15	59	45	1.38	0.57	1.73	50
						69	65	72	68	74	21	64	21	55		49	52	49	
		OMBU230144	HART170114	96	88	98	99	110	82	112	109	100	106	117	105	102	110	101	102
		96308861	OMBU190110	54	69	24	13	4	1.11	19.7	0.26	80	-47	77	42	0.89	1.70	0.00	44
						66	62	69	66	72	19	60	19	55		42	46	43	
		OMBU230148	AG 130399	107	104	94	97	102	91	98	108	94	96	86	93	94	109	122	97
		96308895	OMBU150097	58	72	21	11	-1	1.13	11.4	0.28	56	-31	3	38	0.05	1.46	1.77	26
						63	60	68	64	74	14	57	14	58		25	28	25	

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 Area			Value
202403 D11 M MUNGUNDA		0610326BON																	
		OMBU230151	AG 150078	77	103	100	98	99	99	115	114	88	93	98	96	98	83	95	99
		96308929	OMBU140145	57	71	26	12	-4	1.15	21.9	0.17	35	-25	31	42	0.51	-2.56	-0.48	36
					67	67	63	71	67	74	17	62	17	59		33	38	34	
		OMBU230156	OMBU200067	83	90	87	93	92	103	91	114	91	97	106	89	85	95	95	87
		96308978	OMBU110026	50	67	14	7	-9	1.16	7.4	0.17	44	-31	49	37	-0.79	-0.67	-0.44	24
					64	64	58	68	63	71	10	57	10	38		22	25	22	
		OMBU230158	HART140265	97	100	105	116	124	84	85	100	106	107	107	101	99	108	114	101
		96308986	OMBU120072	57	71	30	28	16	1.11	4.0	0.43	101	-48	52	43	0.61	1.40	1.16	46
					67	67	63	70	66	74	19	62	19	58		44	47	44	
		OMBU230159	OMBU200046	93	94	97	104	108	91	106	121	90	101	98	89	97	94	101	95
		96308994	OMBU170136	51	68	24	17	4	1.13	16.6	0.04	41	-39	32	36	0.37	-0.83	0.01	23
					64	64	59	68	64	71	9	57	9	36		22	24	22	
		OMBU230166	HART140265	102	95	99	96	106	84	79	104	90	87	105	93	102	98	113	95
		96309067	OMBU130110	56	71	25	10	2	1.11	0.3	0.34	41	-15	48	42	0.92	-0.30	1.03	44
					67	67	63	70	66	73	16	62	16	55		43	46	44	
		OMBU230168	OMBU200067	93	88	97	92	94	99	96	109	92	94	102	101	89	104	106	99
		96309083	OMBU140050	51	67	23	7	-8	1.15	10.2	0.27	49	-27	41	37	-0.38	0.68	0.42	28
					64	64	59	68	64	71	10	58	10	42		26	29	26	
		OMBU230173	OMBU200046	99	96	91	90	89	105	110	118	90	100	109	89	86	102	106	92
		96309133	OMBU140110	52	68	18	5	-12	1.17	18.5	0.09	42	-36	56	40	-0.71	0.37	0.47	30
					65	65	60	68	64	72	14	58	14	44		29	31	29	
		OMBU230174	AG 130399	104	97	92	94	96	99	88	107	90	89	95	90	97	106	124	92
		96309141	OMBU150090	58	72	19	9	-7	1.15	5.9	0.29	40	-19	23	40	0.36	0.98	1.95	30
202405 B22 M MUNGUNDA		0610326BON																	
		OMBU240037	OMBU200030	117	94	98	96	96	101	90	98	95	89	78	99	96	122	127	106
		98596349	OMBU210145	51	68	24	10	-7	1.16	6.9	0.46	59	-18	-17	30	0.25	3.57	2.21	29
					47	47	45	49	47	71	13	45	13	88		28	30	28	
		OMBU240040	AG 130399	108	95	89	88	87	104	103	106	88	86	96	83	92	92	110	83
		98596372	OMBU220064	55	70	16	3	-13	1.17	14.6	0.31	34	-13	26	28	-0.12	-1.19	0.78	28
					43	43	45	48	46	73	13	40	13	89		27	29	27	
		OMBU240044	OMBU200030	115	96	105	103	105	96	107	97	104	102	109	106	90	126	121	105
		98596414	OMBU220083	51	68	30	17	1	1.14	17.2	0.47	95	-41	57	30	-0.32	4.14	1.76	30
					47	47	45	48	46	71	14	44	14	88		28	31	29	
		OMBU240046	OMBU220013	93	97	88	93	100	90	97	115	82	83	99		89	82	94	82
		98596430		42	58	16	7	-4	1.13	11.1	0.16	11	-9	34		-0.43	-2.81	-0.57	18
					27	27	26	28	27	66	8	25	8	88		17	20	18	
		OMBU240047	AG 130399	94	91	86	92	95	96	103	122	84	93	99	81	101	99	106	81
		98596448	OMBU220012	55	69	13	6	-7	1.14	14.5	0.02	18	-25	33	29	0.76	-0.12	0.46	26
					44	44	45	48	46	73	14	41	14	89		25	28	25	

Growth Tests

Animal					Weight		Conformation				Growth & Efficiency					Carcass			
Test Code	Sex	Test number	Sire ID	Cow Value	Wean dir	End-wt	Length	Height	Length/Height	Scrotum	Intake	ADG	FCR	Veld Growth	Growth Value	EMA Eye muscle Area	Fat	Marbling	Carcass Value
Test Station		ID	Dam ID																
202405 B22 M MUNGUNDA		0610326BON																	
		OMBU240049	OMBU200030	115	97	109	109	114	90	92	97	101	97	98	107	91	125	123	110
		98596463	OMBU220055	50	67	34	21	8	1.13	8.2	0.48	82	-31	32	30	-0.22	3.95	1.92	28
						47	45	48	46	71	13	44	13	88		27	29	27	
		OMBU240050	OMBU200030	112	103	105	101	106	91	85	96	98	93	102	107	88	128	127	110
		98596471	OMBU220048	51	68	31	15	2	1.13	3.6	0.49	73	-25	41	30	-0.49	4.46	2.22	30
						47	45	48	46	71	14	44	14	88		29	31	29	
202405 B22 M MUNGUNDA		OMBU240052	AG 130399	106	112	96	92	97	94	103	111	92	96	94	90	91	94	121	90
		98596497	OMBU210156	56	69	22	7	-6	1.14	14.9	0.23	50	-30	20	30	-0.20	-0.96	1.73	28
						44	45	48	46	73	15	42	15	89		26	29	27	
		OMBU240070	OMBU200030	115	101	102	99	104	90	99	100	100	98	87	106	94	127	115	110
		98596687	OMBU220025	50	67	28	12	0	1.13	12.1	0.43	78	-33	3	30	0.04	4.35	1.17	28
						46	44	47	46	71	13	43	13	88		27	29	27	
		OMBU240085	HART190204	114	107	116	116	106	112	95	97	112	113	110	122	115	130	123	122
202405 B22 M MUNGUNDA		98596794	OMBU180135	55	70	41	28	2	1.19	9.5	0.48	123	-58	61	38	2.23	4.87	1.93	40
						52	52	55	54	73	25	50	25	88		39	42	39	
		OMBU240095	OMBU200030	110	99	107	105	106	96	89	94	100	93	88	105	94	125	121	110
		98596877	OMBU220049	50	67	32	18	2	1.14	6.4	0.54	78	-25	7	30	0.07	3.94	1.75	30
						46	44	47	46	71	14	43	14	88		28	31	28	
		OMBU240099	HART190204	112	114	115	112	105	109	118	96	112	112	97	117	109	131	118	120
		98596919	OMBU190047	54	70	40	25	1	1.18	23.2	0.49	124	-57	28	38	1.54	4.97	1.44	38
202406 B22 M MUNGUNDA		0610326BON																	
		OMBU240106	HART110186	112	109	117	107	118	81	96	92	107	103	96	121	80	111	144	121
		98810955	OMBU140099	58	71	42	20	11	1.10	10.5	0.56	107	-41	26	39	-1.29	1.77	3.65	47
						53	51	54	52	73	25	50	25	89		46	48	46	
		OMBU240107	CEF 160394	97	98	97	91	105	77	130	108	104	111	112	99	78	93	109	91
		98596968	OMBU170069	57	71	24	5	1	1.09	30.9	0.28	94	-54	64	40	-1.48	-1.07	0.69	49
						53	53	55	54	73	26	52	26	89		48	50	48	
202406 B22 M MUNGUNDA		OMBU240122	HART140265	105	110	114	114	118	90	95	88	106	98	83	107	110	102	118	112
		98597115	OMBU190101	55	70	39	26	11	1.13	9.9	0.64	103	-33	-4	34	1.64	0.36	1.49	44
						50	49	51	50	73	17	49	17	89		43	45	43	
		OMBU240123	CEF 160394	103	105	103	98	114	75	106	101	101	100	96	102	89	99	111	101
		98597123	OMBU150056	58	72	29	12	8	1.08	16.4	0.41	82	-37	26	42	-0.44	-0.06	0.87	50
						55	54	57	56	74	28	53	28	89		49	51	49	
		OMBU240126	HART130240	95	114	113	114	120	87	108	98	110	112	118	109	107	95	114	107
202406 B22 M MUNGUNDA		98597149	OMBU180057	56	70	38	26	13	1.12	17.5	0.46	118	-56	80	34	1.38	-0.71	1.10	40
						50	48	51	50	72	18	47	18	89		39	42	39	
202406 B22 M MUNGUNDA		OMBU240130	NFS 180147	91	99	100	108	107	99	100	96	106	104	81	108	96	107	105	110
		98810849	JS 130204	56	71	26	21	3	1.15	12.7	0.49	101	-43	-9	48	0.25	1.16	0.39	46
						51	49	52	50	73	45	48	45	89		45	47	45	

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 Area			Value
202406 B22 M MUNGUNDA		0610326BON																	
		OMBU240143	HART140265	95	95	101	100	102	96	96	95	102	97	106	100	85	110	115	98
		98597289	OMBU160072	56	71	27	13	-2	1.15	10.5	0.52	87	-32	50	36	-0.78	1.70	1.19	46
						54	52	55	54	73	17	51	17	89		45	48	45	
		OMBU240145	HART140265	103	114	113	111	114	92	87	94	100	94	111	105	109	103	117	109
		98597305	OMBU190066	55	70	38	23	8	1.13	5.3	0.53	80	-27	63	34	1.59	0.48	1.40	44
						51	49	52	50	72	16	49	16	89		42	45	42	
		OMBU240155	HART140265	111	106	107	104	110	89	87	89	99	88	88	101	97	106	123	106
		98597404	OMBU190011	57	70	33	17	5	1.12	5.0	0.62	75	-17	7	36	0.40	0.97	1.90	46
						53	52	54	53	73	18	51	18	89		44	47	44	
		OMBU240166	HART170114	99	99	100	101	111	84	94	114	96	105	118	101	100	108	96	99
		98597503	OMBU210003	53	69	26	15	6	1.11	9.1	0.16	64	-45	80	34	0.66	1.35	-0.40	44
						50	48	51	50	72	17	47	17	89		43	46	43	
		OMBU240169	NFS 180147	102	88	110	121	116	103	116	101	116	122	112	113	102	108	108	111
		98810864	OMBU190117	54	69	35	32	10	1.16	22.6	0.40	139	-73	64	48	0.91	1.39	0.60	46
						51	49	52	50	73	44	48	44	89		45	47	45	
		OMBU240171	HART190204	104	101	107	104	87	129	120	95	112	112	110	109	104	115	106	106
		98597545	OMBU200023	53	69	33	17	-13	1.24	24.8	0.51	124	-56	61	38	1.08	2.36	0.45	40
						52	51	54	52	73	25	49	25	89		38	42	39	
		OMBU240173	HART140265	101	99	98	98	104	90	84	100	94	90	97	96	100	103	115	98
		98597560	OMBU160071	57	71	25	12	0	1.13	3.3	0.42	57	-20	29	38	0.69	0.59	1.19	47
						55	53	56	54	74	20	52	20	89		45	49	46	
		OMBU240176	HART200020	92	98	101	102	108	90	118	96	104	102	94	101	86	95	108	93
		98597594	OMBU120062	54	71	27	16	3	1.13	23.2	0.49	96	-40	21	33	-0.73	-0.80	0.59	40
						48	49	53	51	72	18	45	18	86		38	41	38	
202501 D11 M MUNGUNDA		0610326BON																	
		OMBU240038	OMBU200030	117	117	116	119	117	99	110	98	108	108	82	107	101	110	113	112
		98596356	OMBU210115	50	67	40	31	10	1.15	18.8	0.47	109	-50	-7	38	0.75	1.69	1.06	23
						63	58	67	62	71	13	56	13	49		22	24	22	
		OMBU240042	HART170114	101	109	110	103	109	89	103	100	99	96	109	112	115	115	108	114
		98596398	OMBU200107	53	68	35	16	4	1.13	14.6	0.43	74	-31	57	41	2.18	2.37	0.63	42
						65	61	69	65	72	17	59	17	50		41	44	41	
		OMBU240043	OMBU200030	114	117	114	113	115	94	81	93	101	95	91	108	99	121	120	115
		98596406	OMBU220043	50	67	39	25	9	1.14	1.2	0.54	85	-29	13	38	0.60	3.31	1.62	30
						64	59	68	64	71	13	58	13	50		29	31	29	
		OMBU240051	AG 130399	109	114	109	109	107	100	105	103	100	101	97	102	111	100	131	107
		98596489	OMBU210114	55	69	34	22	3	1.16	15.5	0.36	78	-38	28	38	1.75	0.06	2.54	24
						62	58	67	62	72	14	55	14	55		23	26	23	
		OMBU240053	OMBU200030	109	113	116	117	126	82	97	98	106	106	97	112	101	124	119	115
		98596505	OMBU210112	50	67	41	29	18	1.11	11.0	0.46	103	-47	28	38	0.80	3.81	1.58	22
						63	58	67	62	71	12	56	12	49		21	23	21	

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 Area			Value
202501 D11 M MUNGUNDA		0610326BON																	
		OMBU240055	OMBU200030	117	105	102	101	98	104	95	94	99	93	96	99	94	122	124	105
		98596521	OMBU220080	51	68	28	14	-5	1.17	10.1	0.53	76	-24	27	38	0.10	3.61	1.96	28
						64	59	68	64	71	13	58	13	50		27	30	28	
		OMBU240061	OMBU210066	103	116	112	108	113	89	113	102	101	101	100	110	91	107	111	108
		98596588	OMBU210022	49	65	37	20	7	1.12	20.3	0.39	82	-39	36	36	-0.22	1.13	0.88	26
						61	55	65	60	70	11	54	11	51		25	27	25	
		OMBU240063	OMBU200030	117	110	106	108	109	96	110	102	102	103	79	103	99	113	110	106
		98596604	OMBU210169	51	68	32	20	4	1.14	18.9	0.39	86	-41	-15	38	0.61	2.18	0.80	26
						64	59	68	64	71	13	57	13	50		25	28	25	
		OMBU240072	HART190204	118	118	115	121	108	118	126	98	117	121	107	107	119	119	112	114
		98596703	OMBU180134	54	70	40	33	3	1.20	28.0	0.46	143	-71	53	44	2.58	3.06	0.93	40
						66	63	70	66	73	23	61	23	56		38	41	38	
		OMBU240080	HART190204	110	115	109	107	100	110	110	102	109	114	99	111	105	125	109	111
		98596752	OMBU190017	54	70	35	20	-3	1.18	19.0	0.38	115	-60	34	46	1.20	3.99	0.67	39
						66	62	70	66	73	25	60	25	58		37	41	38	
		OMBU240088	HART190204	115	117	127	128	123	101	103	93	114	113	113	122	123	117	114	123
		98596810	OMBU180113	54	70	50	38	15	1.16	14.8	0.54	131	-57	66	44	3.02	2.82	1.14	40
						66	62	69	66	72	23	60	23	57		38	41	38	
		OMBU240118	OMBU200029	98	109	105	110	113	93	123	109	103	111	98	102	93	104	105	103
		98597073	OMBU210046	49	65	31	23	7	1.13	26.2	0.26	91	-54	32	38	-0.03	0.61	0.36	26
						63	57	67	62	70	12	56	12	41		25	27	25	
		0610326BON																	
		OMBU240179	NFS 180147	99	101	114	127	125	96	111	97	115	117	98	115	105	114	109	116
		98810898	OMBU110032	56	71	39	37	17	1.15	19.6	0.48	136	-65	32	48	1.20	2.29	0.73	44
						52	50	53	52	73	43	49	43	87		43	45	43	
		OMBU240186	OMBU200029	92	103	88	84	106	68	105	123	87	99	102	90	86	99	100	86
		98597669	OMBU150093	52	68	15	0	1	1.06	15.6	0.01	32	-36	40	28	-0.74	-0.07	-0.06	24
						44	41	45	43	70	11	41	11	87		23	25	23	
		OMBU240192	HART140265	105	104	103	106	116	81	83	105	99	101	94	102	108	94	110	99
		98597719	OMBU140049	57	71	29	19	10	1.10	2.4	0.34	75	-38	20	36	1.47	-0.85	0.78	47
						53	52	54	53	73	20	51	20	88		45	49	46	
		OMBU250013	ERH 130044	107	101	97	93	93	101	96	101	89	83	57	90	117	95	114	102
		98597842	OMBU170089	56	70	23	7	-9	1.16	10.4	0.41	39	-8	-67	35	2.42	-0.78	1.15	44
						55	53	56	54	74	15	53	15	89		42	46	42	
		OMBU250027	HART170114	111	101	110	109	120	80	113	100	104	105	102	107	114	111	100	113
		98597958	OMBU210055	53	69	35	21	13	1.10	20.4	0.42	95	-44	40	36	2.04	1.83	-0.09	42
						50	48	51	50	72	21	47	21	89		41	44	42	
		OMBU250029	HART140265	107	108	111	108	111	93	82	95	97	91	109	102	107	102	113	104
		98597974	OMBU160097	57	71	36	21	6	1.14	2.2	0.51	70	-21	58	36	1.43	0.30	1.01	46
						54	52	55	54	73	19	51	19	89		45	48	45	

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 Area			Value
202502 B22 M MUNGUNDA		0610326BON	ERH 130044 OMBU170034																
		OMBU250030		97	99	96	94	100	90	103	105	98	99	118	98	104	97	120	96
		98597982		57	71	23	8	-3	1.13	14.8	0.33	71	-36	78	34	1.05	-0.39	1.62	43
		OMBU250033	HART140265 OMBU130102	97	94	95	98	107	85	85	105	98	100	111	97	94	103	112	91
		98597990		57	71	22	11	2	1.11	4.0	0.33	70	-36	62	36	0.10	0.51	0.95	46
						53	52	54	53	73	20	51	20	89		45	48	46	
202502 D11 M MUNGUNDA		0610326BON	CEF 160394 OMBU120031	98	102	97	83	88	95	124	96	103	99	96	103	86	97	117	95
		OMBU240125		59	72	23	-2	-13	1.14	26.8	0.49	89	-36	27	50	-0.74	-0.37	1.35	53
		98597131				69	65	72	68	74	30	64	30	56		52	54	52	
		OMBU240135	NFS 180147 OMBU130127	103	110	118	124	115	110	118	99	116	121	108	117	109	108	105	119
		98810856		56	71	42	35	9	1.18	23.5	0.44	141	-71	56	56	1.55	1.36	0.40	48
						67	63	70	66	73	45	61	45	51		47	49	47	
		OMBU240139	HART140265 OMBU140124	132	137	132	132	141	80	89	93	110	106	103	124	128	102	120	125
		98597248		57	71	55	42	30	1.10	6.2	0.55	115	-47	43	44	3.45	0.37	1.61	46
						67	63	70	66	73	20	62	20	57		45	48	46	
		OMBU240146	HART170114 OMBU200130	103	110	102	99	114	76	86	105	97	98	105	104	100	106	97	105
		98597313		53	69	28	13	8	1.09	4.4	0.33	67	-34	47	43	0.67	0.96	-0.35	42
						66	61	69	65	72	20	60	20	50		41	43	41	
		OMBU240150	HART140265 OMBU200015	99	107	108	109	120	80	84	97	100	96	96	102	107	100	113	102
		98597354		55	70	33	21	13	1.10	3.2	0.48	80	-30	27	42	1.42	0.01	1.05	44
						66	62	69	66	73	17	61	17	55		43	45	43	
		OMBU240175	HART170114 OMBU210001	109	98	91	86	84	107	120	107	89	87	91	85	103	101	88	97
		98597586		54	69	18	2	-16	1.18	24.6	0.30	37	-15	14	43	0.98	0.16	-1.11	45
						66	62	70	66	73	20	61	20	54		43	47	43	
		OMBU240183	OMBU210053 OMBU120077	95	106	113	113	115	94	102	95	107	104	98	113	104	107	115	111
		98597636		50	66	38	25	9	1.14	13.8	0.52	104	-43	31	34	1.08	1.14	1.20	22
						61	55	65	60	70	8	54	8	40		21	23	21	
		OMBU240189	OMBU200030 OMBU220036	117	109	108	108	116	85	95	92	104	98	91	104	89	126	127	111
		98597693		51	68	33	21	10	1.11	10.0	0.56	93	-33	14	39	-0.38	4.21	2.19	30
						64	59	68	64	71	14	58	14	51		29	31	29	
		OMBU250024	HART140265 OMBU200027	110	115	119	123	134	78	104	89	112	107	101	113	103	111	129	117
		98597933		56	70	43	34	24	1.09	14.9	0.62	125	-48	38	43	0.94	1.77	2.39	46
						68	64	71	68	73	18	62	18	55		45	48	45	

Breeding Values and Accuracies: Bulls

Inbreeding in red is high

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

Animal				Selection Value										Birth			Wean				Growth & Adaptation					Fertility				Frame		Carcass			
ID	Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	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
GMS 080273	67895201	2	GMS 030276 GMS 040056		100 94	110 95	100 89	78 87	77 65	90 80	106 93	117 48	95 74	123 14	129 63 83	108 0.16 96	98 -1.3 90	127 61 87	110 20.4 95	100 3.8 89	96 65 90	108 32.0 92	116 138 83	91 14 85	128 -83 10	90 -0.3 92	130 30.9 92	84 0.2 65	83 2.4 40	97 29.8 91	148 35 89	134 44 84	106 1.27 14	117 2.67 15	121 1.76 14
GMS 090201	67905075		AG 020291 GMS 040073		118 71	90 72	94 63	106 60	85 50	88 60	91 69	94 46	87 57	87 28	88 8 60	116 -0.67 74	113 -3.3 65	92 11 60	90 9.6 72	94 1.8 63	89 46 65	87 13.0 68	98 72 59	73 -30 90	100 -37 26	83 -0.6 75	89 6.2 74	94 -5.7 52	90 1.2 38	87 24.1 61	97 -6 68	93 7 60	87 -0.57 28	93 -1.04 28	82 -1.61 28
HART120080	74652819	2	HART070087 HART100039		112 83	94 81	90 73	103 70	106 53	98 67	91 78	92 50	96 64	93 66	88 7 62	110 -0.04 86	108 -2.7 75	96 16 70	94 11.9 81	90 0.8 73	89 46 75	91 17.2 82	101 84 71	90 12 72	103 -42 25	117 1.3 84	98 11.3 83	101 -9.5 52	105 -1.5 34	107 36.2 74	93 -9 79	89 4 72	45 -4.81 63	117 2.71 69	95 -0.45 63
ERH 130044	77177673	3	HART090326 ERH 080008		96 97	102 98	96 95	97 95	116 93	104 88	97 97	82 94	98 89	92 94	111 38 95	91 1.93 98	111 -3.1 96	102 26 95	102 16.0 98	96 2.4 95	97 66 96	98 23.5 98	88 33 95	90 13 96	79 -3 91	69 -1.4 97	101 13.2 97	111 -15.3 93	112 -2.6 91	108 36.9 95	81 -18 96	86 2 95	124 3.07 93	83 -2.57 94	116 1.33 93
OMBU130046	77409134	1	VV 080161 GRT 990121		124 72	85 73	106 63	114 59	87 45	96 59	95 69	91 37	93 55	97 41	81 -2 51	123 -1.46 75	108 -2.7 65	86 1 59	85 7.1 73	106 5.5 63	99 71 65	87 13.1 72	87 29 47	84 -3 88	93 -26 24	95 0.0 55	86 4.6 73	104 -11.3 44	79 3.1 30	93 27.6 62	98 -5 52	93 7 48	91 -0.25 38	116 2.59 44	106 0.48 39
BRD 140100	80521628	1	BRD 070134 BRD 030114		72 86	136 88	89 75	72 76	80 54	98 71	125 84	114 45	100 66	125 16	141 79 67	72 3.88 90	87 0.1 79	136 75 76	136 34.4 88	89 0.3 75	105 85 80	135 55.8 84	103 89 69	90 11 56	97 -31 15	114 1.1 83	103 14.7 82	79 2.8 55	95 0.3 30	82 21.2 76	111 5 78	114 26 70	113 2.02 20	101 0.22 12	113 1.04 11
HART140265	80071103	2	HART100116 AEJ 060163		76 98	110 98	126 96	82 96	103 95	106 89	111 97	106 96	106 90	112 96	119 49 96	80 3.09 98	90 -0.2 97	119 50 96	110 20.4 98	126 11.7 96	120 120 97	114 37.0 98	101 83 96	108 56 97	86 -14 94	79 -0.8 98	75 -2.3 98	82 1.2 95	124 -4.8 94	96 29.4 96	113 8 97	111 23 97	108 1.45 96	106 1.07 96	128 2.29 96
OMBU140018	79664629		VV 080161 OMBU120003		126 69	81 69	118 58	126 58	84 40	101 56	100 66	90 34	98 52	87 34	77 -8 43	126 -1.69 73	106 -2.3 62	78 -11 58	81 4.6 69	118 9.2 58	111 100 62	83 9.9 72	88 34 43	105 48 89	97 -31 21	99 0.3 50	106 16.6 72	99 -8.5 37	78 3.3 24	95 28.6 58	93 -9 48	86 2 44	96 0.25 32	106 1.03 36	100 -0.04 33
OMBU140038	79698304		HART090332 CWS 050064		87 71	103 72	93 61	94 59	80 45	78 58	91 68	101 33	80 53	104 34	101 24 46	90 2.02 74	90 -0.2 64	106 31 59	103 16.4 72	93 1.7 61	94 59 64	97 22.1 73	100 80 47	92 17 89	102 -41 18	104 0.5 49	106 16.3 71	79 3.1 46	90 1.1 30	94 28.4 60	120 13 48	104 17 47	87 -0.60 32	114 2.24 35	122 1.83 32
OMBU140077	80583198		OMBU100009 OMBU120016		128 67	75 68	129 52	117 50	81 33	96 52	95 63	86 30	93 48	84 28	82 0 34	127 -1.80 72	112 -3.1 57	84 -1 50	75 1.3 68	129 12.6 52	111 99 57	84 10.9 70	90 41 34	100 36 53	97 -31 22	102 0.4 41	102 13.7 48	89 -2.8 30	85 2.1 18	93 27.8 52	96 -6 38	92 6 35	81 -1.21 26	87 -1.97 29	95 -0.48 26
OMBU140081	80582869		OMBU100009 OMBU120019		113 64	79 65	121 46	108 48	80 33	85 49	88 59	88 28	84 45	83 28	86 4 32	112 -0.29 70	103 -2.0 53	89 6 48	79 3.7 65	121 10.1 46	104 84 53	89 14.9 68	92 50 31	130 108 50	103 -41 22	96 0.1 36	101 13.3 44	88 -2.2 29	85 2.0 18	89 25.3 51	101 -2 34	94 8 32	80 -1.33 26	87 -1.93 29	95 -0.46 26
OMBU140088	80583107	1	HART090332 ERH 060073		89 73	97 73	91 63	104 62	101 49	87 60	86 70	105 38	88 56	96 40	89 8 54	94 1.58 76	81 1.0 67	95 14 62	97 13.1 73	91 1.0 63	92 54 66	99 24.4 74	101 83 53	92 16 59	107 -48 23	97 0.1 56	100 12.9 59	102 -10.1 50	104 -1.3 36	98 30.8 62	114 8 55	94 8 53	78 -1.52 39	112 1.88 42	121 1.75 39

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	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 Thicken	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
OMBU140114	80765472	1	GMS 080273	OMBU110006			76	118	103	81	82	92	110	98	91	105	120	74	91	121	118	103	107	113	101	117	115	97	121	89	88	94	130	117	104	104	105
							70	70	59	57	42	56	66	31	51	20	51	3.65	-0.4	53	24.4	4.7	90	36.5	85	77	-61	0.2	25.0	-2.6	1.5	28.3	21	29	1.04	0.63	0.40
																	46	74	62	57	70	59	62	72	47	53	12	54	56	41	26	59	52	48	19	21	19
OMBU140125	80765522	1	HART090332	HART080243			112	104	100	89	101	106	103	115	108	118	108	112	112	111	104	100	98	107	108	95	105	101	100	89	106	110	120	114	107	117	136
							73	73	64	62	49	60	70	38	56	43	34	-0.29	-3.1	39	17.0	3.8	68	30.8	109	25	-45	0.4	12.8	-3.0	-1.6	38.0	13	26	1.39	2.68	2.99
																	56	76	67	62	73	64	66	73	55	57	20	59	60	49	34	63	58	55	41	45	41
OMBU140159	81081085	1	ERH 100063	VV 060329			102	105	90	97	96	97	100	92	95	98	100	100	125	103	105	90	95	105	97	97	107	86	102	96	104	90	104	104	116	110	108
							71	71	59	57	43	57	67	37	53	40	24	0.93	-5.0	26	17.9	0.6	61	29.2	67	29	-48	-0.4	13.9	-6.9	-1.3	25.7	0	17	2.28	1.66	0.64
																	46	75	63	57	71	59	62	71	46	45	25	53	54	42	28	59	50	46	37	42	38
AG 150078	81275356	7	AG 100384	AG 070315			91	107	97	97	57	76	101	88	75	90	106	96	87	102	107	97	103	102	96	88	105	120	147	66	65	95	94	102	105	64	75
							97	98	96	96	94	89	97	94	90	94	32	1.41	0.2	24	18.7	2.7	80	27.1	63	7	-44	1.4	41.0	10.4	5.7	29.1	-7	15	1.21	-5.64	-2.16
																	95	98	96	96	98	96	97	98	95	98	92	97	98	94	92	96	97	96	93	94	93
OMBU150005	81081176	1	VV 080161	OMBU120017			112	98	107	103	71	92	104	92	90	94	95	114	101	95	98	107	107	96	93	96	101	99	92	90	61	100	103	95	101	101	95
							70	70	60	59	45	57	67	38	53	42	17	-0.45	-1.7	15	14.0	6.0	91	21.7	52	26	-38	0.3	8.1	-3.4	6.4	31.8	-1	10	0.78	0.16	-0.52
																	49	73	63	59	70	60	63	72	48	54	25	54	56	44	30	60	52	49	40	44	40
OMBU150060	82319450		HART090332	IH 020007			100	100	97	109	97	99	101	108	100	99	85	98	101	90	100	97	103	98	106	86	111	109	106	94	108	91	119	105	84	109	118
							73	64	64	62	50	58	65	42	55	44	3	1.23	-1.7	7	15.0	2.7	81	23.2	101	2	-54	0.8	16.2	-5.5	-1.9	26.3	12	18	-0.93	1.55	1.46
																	60	76	67	62	64	64	63	64	55	59	29	59	60	51	37	61	57	55	42	46	43
OMBU150089	82921305	1	ERH 090054	OMBU100027			104	96	85	104	102	91	89	90	89	89	91	99	109	95	96	85	86	92	97	90	112	66	111	97	109	94	120	98	100	90	97
							69	70	59	56	38	55	66	28	50	30	11	1.05	-2.8	14	13.0	-1.0	39	17.8	68	12	-56	-1.6	19.2	-7.2	-2.1	28.2	13	12	0.73	-1.47	-0.32
																	39	73	61	56	70	59	62	70	43	89	9	71	34	21	58	48	44	28	32	29	
HART160088	83014035	2	HART090329	HART070122			79	127	72	88	89	92	108	106	93	112	118	79	94	115	127	72	93	120	102	106	113	118	99	77	103	95	99	129	108	87	101
							95	96	93	93	90	86	95	90	87	90	47	3.16	-0.8	44	29.2	-4.9	57	42.5	87	51	-57	1.3	12.0	4.3	-1.1	28.9	-4	40	1.50	-1.96	0.05
																	92	96	94	93	96	93	94	94	91	95	88	93	95	90	88	93	93	92	90	91	90
HART170114	85391191	2	FCT 110285	HART130193			96	82	124	129	117	108	95	101	107	103	77	101	68	74	82	124	121	93	92	108	92	119	96	120	113	107	100	82	105	128	95
							97	97	95	95	94	88	96	94	89	94	-7	0.84	2.7	-16	5.3	10.9	125	18.6	48	56	-23	1.4	10.1	-20.3	-2.8	36.1	-3	-3	1.18	4.41	-0.47
																	94	98	96	95	97	95	96	96	95	96	93	96	96	93	95	96	95	94	95	94	
OMBU170040	93632347	1	OMBU120020	OMBU140043			103	95	105	101	91	92	95	99	92	95	96	103	98	97	95	105	101	94	96	89	107	85	100	102	90	91	114	98	98	103	102
							65	51	42	41	32	44	50	25	40	28	18	0.63	-1.4	18	12.3	5.2	76	19.6	66	9	-49	-0.5	12.6	-10.0	1.2	26.5	8	12	0.47	0.48	0.10
																	32	70	52	41	51	42	45	51	34	51	14	38	45	32	20	45	37	34	26	29	26
OMBU170095	93632263	2	OMBU120020	OMBU140057			97	95	101	103	82	84	92	94	83	89	93	99	89	95	95	101	99	95	89	102	103	88	94	91	82	95	105	91	95	97	97
							66	53	49	48	34	46	54	26	42	28	14	1.03	-0.2	14	12.3	4.1	71	20.5	38	40	-41	-0.3	9.4	-3.8	2.7	29.0	1	6	0.20	-0.38	-0.31
																	33	71	55	48	53	49	50	52	34	54	17	38	47	33	22	46	37	35	27	30	27
OMBU170100	93631901	2	OMBU120020	OMBU140105			111	95	106	107	89	100	102	98	98	94	90	109	107	91	95	106	106	94	95	93	105	86	100	98	86	97	113	98	99	96	98
							65	51	42	41	33	44	50	27	41	30	11	0.00	-2.5	9	12.3	5.7	88	19.4	62	20	-45	-0.5	12.8	-7.9	1.9	30.2	7	12	0.56	-0.58	-0.26
																	36	70	52	41	51	42	45	52	35	52	17	39	46	33	21	46	38	35	28	31	29

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OMBU170503	85078822	2	ERH 090054 HART100171				91 71	105 59	80 58	94 56	100 41	87 53	89 60	101 33	88 49	91 38	100 23	91 1.91	99 -1.4	106 31	105 17.4	80 -2.4	84 35	102 26.6	102 88	105 47	115 -62	76 -1.0	108 17.4	96 -6.8	109 -2.1	92 26.8	117 11	101 14	98 0.44	86 -2.21	97 -0.33
OMBU190107	93639516	1	BRD 140100 OMBU140105				88 67	119 57	98 48	83 48	90 36	101 48	113 56	107 30	102 44	113 22	120 50	90 2.01	98 -1.3	119 50	119 25.1	98 3.0	105 85	116 39.3	102 86	89 9	104 -42	93 -0.1	104 15.2	87 -1.5	100 -0.6	90 25.7	119 12	112 24	111 1.77	94 -0.95	104 0.25
OMBU200029	90510876	2	HART090332 OMBU130069				113 90	101 90	82 87	100 87	104 85	100 81	95 89	84 86	95 82	88 84	92 113	113 -0.37	108 -2.6	100 22	101 15.5	82 -1.8	86 39	93 18.4	81 7	89 10	84 -10	87 -0.4	114 21.1	107 -13.2	104 -1.3	104 34.2	91 -10	75 -9	73 -2.01	107 1.17	101 0.03
OMBU200030	90510884	1	HART090332 OMBU130103				128 93	105 94	102 88	103 87	109 86	126 83	117 92	109 86	124 84	117 85	91 11	125 -1.62	121 -4.3	95 14	105 17.4	102 4.4	109 96	102 27.2	101 84	82 -8	96 -30	126 1.8	93 8.4	107 -13.3	94 0.4	122 45.1	101 -2	103 16	84 -0.96	143 6.91	129 2.40
OMBU200036	90510942	2	HART110073 OMBU170058				91 69	101 70	98 57	94 57	82 43	82 56	92 66	100 44	84 54	103 39	104 29	95 1.48	89 -0.1	105 30	101 15.4	98 3.1	96 65	104 29.0	85 24	115 72	78 0	98 0.2	78 -0.1	98 -8.0	80 2.9	92 27.2	82 -17	91 5	97 0.43	98 -0.34	112 0.99
OMBU200037	90510959	1	HART090332 OMBU130102				120 71	94 72	90 63	121 61	97 47	102 59	99 69	102 44	102 56	90 39	80 -4	118 -0.89	108 -2.7	83 -3	94 11.5	90 0.6	94 58	92 17.5	108 108	80 -12	117 -64	83 -0.6	95 10.0	100 -9.3	94 0.4	104 34.0	120 13	100 14	82 -1.08	112 1.96	116 1.27
OMBU200041	90510991	1	HART110073 OMBU170089				109 69	91 70	116 58	102 57	89 42	96 56	97 66	98 42	96 53	99 40	92 13	113 -0.37	95 -0.9	96 16	101 10.0	116 8.5	107 91	95 21.0	105 99	95 23	108 -49	85 -0.5	133 32.7	98 -7.7	91 1.0	91 26.6	96 -6	97 11	95 0.19	95 -0.78	113 1.07
OMBU200042	90511007	1	HART160088 OMBU120008				95 69	102 70	93 58	97 56	88 38	88 55	95 66	102 40	89 52	101 38	103 27	95 1.51	99 -1.5	102 24	102 16.1	93 1.7	95 62	101 25.7	105 100	104 46	115 -61	118 1.3	102 14.1	89 -2.9	91 1.0	95 28.9	115 9	123 34	102 0.87	95 -0.69	101 0.02
OMBU200056	90605114		HART160088 OMBU120077				72 70	126 70	91 58	70 55	93 37	94 55	112 66	133 38	101 52	131 34	139 76	66 4.54	85 0.4	138 78	126 28.8	91 0.9	97 67	127 49.1	111 119	108 55	116 -63	95 0.0	107 17.0	89 -2.5	100 -0.6	96 29.3	124 16	135 44	114 2.07	105 0.88	116 1.28
OMBU200067	90605213	1	HART160088 OMBU120041				102 90	103 90	74 86	104 86	101 85	91 81	90 89	103 86	92 82	99 84	91 11	106 0.37	90 -0.3	96 16	103 16.4	74 -4.2	82 30	101 25.8	100 80	103 44	108 -50	118 1.3	85 4.1	102 -10.1	99 -0.4	103 33.9	99 -4	108 21	93 -0.05	95 -0.71	97 -0.35
OMBU200090	91265322	4	HART090332 OMBU160055				121 71	99 71	86 62	98 59	106 45	104 58	96 68	106 36	104 54	104 38	94 15	118 -0.91	118 -4.0	102 24	99 14.4	86 -0.5	86 40	99 23.8	108 108	66 -47	107 -49	108 0.8	118 23.5	97 -7.4	107 -1.8	111 38.2	107 2	97 11	78 -1.51	121 3.37	124 1.97
OMBU200098	91265389	1	AG 150078 OMBU140024				95 70	120 71	93 60	88 59	77 43	98 57	115 67	103 37	98 53	106 40	114 42	96 1.38	100 -1.6	113 41	120 25.8	93 1.6	106 87	112 35.9	103 90	99 33	107 -49	113 1.1	119 24.4	76 4.4	83 2.5	101 32.7	118 11	115 27	105 1.17	82 -2.77	95 -0.46

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OMBU200110	91301069	4	HART160088		OMB150015		100	129	91	83	97	119	129	112	119	123	121	96	115	119	129	91	108	120	109	121	113	122	111	87	104	103	112	132	122	95	111
							69	69	55	55	39	55	65	30	50	38	52	1.43	-3.5	50	30.5	1.0	94	42.6	113	87	-58	1.6	19.2	-1.5	-1.3	33.4	7	42	2.89	-0.78	0.87
																	52	73	60	55	69	55	60	70	43	88	14	51	72	40	24	54	48	44	36	40	36
HART210212	92549773	3	CE160394		HART140306		77	108	86	92	87	78	90	101	80	107	106	79	88	109	108	86	91	119	92	111	63	141	113	80	89	107	80	76	66	93	130
							93	93	89	89	88	84	92	88	85	90	31	3.16	0.1	35	19.3	-0.6	52	42.0	49	63	24	2.6	20.6	2.2	1.4	36.0	-19	-8	-2.72	-1.02	2.50
																	88	94	91	89	93	89	90	90	89	88	87	91	91	88	86	89	90	89	89	89	
OMBU210006	91368837	1	AG 150078		OMB110027		121	95	97	102	74	90	98	85	87	85	98	119	116	96	95	97	95	96	89	102	101	105	114	78	84	92	105	98	94	84	88
							72	72	61	58	39	57	68	34	52	34	21	-1.03	-3.7	17	12.2	2.8	60	21.1	36	42	-39	0.6	21.0	3.7	2.3	27.3	1	11	0.11	-2.55	-1.10
																	49	75	64	58	72	61	64	73	50	89	16	57	74	39	22	57	55	51	31	36	33
OMBU210043	91951947	3	HART110073		OMB190011		110	91	94	110	98	94	91	86	90	88	88	109	102	89	91	94	92	93	88	72	79	95	87	101	102	96	85	82	80	93	115
							70	70	59	58	44	57	66	34	52	38	8	-0.01	-1.8	6	10.3	1.9	54	18.8	34	-32	-2	0.0	5.0	-9.7	-0.9	29.2	-15	-2	-1.35	-0.98	1.21
																	52	74	63	58	70	59	62	71	49	89	17	54	72	44	30	58	52	50	36	40	37
OMBU210044	91951954	1	HART090332		OMB180113		115	104	101	90	109	113	106	115	114	112	104	113	117	110	104	101	100	105	110	120	108	97	116	101	111	107	129	116	99	110	129
							71	70	61	60	44	58	67	36	54	38	28	-0.33	-3.9	36	17.0	4.1	72	29.8	116	84	-49	0.2	22.2	-9.7	-2.5	35.8	20	28	0.60	1.62	2.40
																	57	74	64	60	70	61	64	72	53	89	18	57	73	44	30	58	55	53	37	40	37
OMBU210045	91951962	2	AG 150126		OMB130110		105	101	119	86	88	101	106	108	102	105	115	101	114	114	101	119	109	104	106	107	114	80	109	81	96	97	129	116	114	98	108
							69	69	58	55	37	55	65	30	50	26	44	0.82	-3.4	42	15.6	9.4	95	28.2	104	52	-60	-0.8	18.1	1.7	0.2	30.0	20	27	2.03	-0.26	0.64
																	46	73	61	55	69	58	61	70	42	89	14	50	71	35	21	54	47	43	24	27	25
OMBU210047	91951988	1	HART090332		OMB180133		115	98	101	97	105	107	101	105	106	105	98	110	118	101	98	101	98	98	104	93	99	106	111	99	108	105	113	103	95	110	126
							71	70	61	60	44	58	67	36	54	38	21	-0.09	-4.0	24	13.8	4.1	69	22.9	94	19	-35	0.6	19.4	-8.3	-1.9	34.8	7	16	0.22	1.70	2.16
																	58	74	64	60	70	61	64	72	53	89	18	57	73	44	30	59	56	53	37	40	37
OMBU210049	91952002		HART090332		OMB150092		79	123	105	78	95	105	118	120	108	125	123	82	95	126	123	105	110	121	110	93	107	103	105	89	101	103	139	125	100	118	129
							70	70	60	59	44	57	67	34	52	34	54	2.85	-0.9	61	27.0	5.3	97	43.6	116	18	-48	0.5	15.7	-2.6	-0.8	33.8	28	36	0.72	2.94	2.40
																	51	73	63	59	70	60	63	72	50	89	17	54	72	43	29	59	53	51	32	35	32
OMBU210053	91968099	2	ERH 130044		OMB170005		104	98	102	105	115	110	101	88	105	92	94	99	109	93	98	102	104	92	94	96	87	89	98	104	114	111	85	91	100	97	109
							72	73	61	59	42	58	69	37	54	43	15	1.12	-2.8	12	14.1	4.5	84	17.7	58	25	-15	-0.3	11.8	-11.2	-3.0	38.6	-15	6	0.64	-0.49	0.71
																	56	76	64	59	73	61	64	67	56	55	15	65	76	43	26	58	61	57	41	45	42
OMBU210054	91968107	1	HART090332		OMB120051		114	101	98	101	97	105	104	108	105	109	91	113	109	98	101	98	101	101	99	91	101	106	99	98	99	100	118	101	88	118	123
							71	70	62	60	46	58	67	34	53	34	11	-0.34	-2.8	19	15.6	3.1	75	25.5	76	15	-39	0.6	12.4	-8.0	-0.4	32.1	11	15	-0.50	2.94	1.93
																	51	74	65	60	70	62	64	65	49	54	18	53	72	46	30	61	52	49	32	35	32
OMBU210059	91970319	3	AG 150126		JS 130204		92	104	95	120	84	95	107	107	96	104	90	87	98	84	104	95	110	100	103	93	106	95	106	82	92	95	116	105	103	102	107
							70	70	58	54	38	55	66	30	50	26	10	2.33	-1.3	-2	17.2	2.2	97	25.0	90	19	-46	0.0	16.1	1.4	0.8	28.9	10	18	1.01	0.32	0.53
																	46	74	61	54	70	58	61	70	40	88	18	47	71	36	24	53	44	40	25	26	25
OMBU210066	91995928	2	HART160088		OMB140110		95	116	63	96	112	99	98	96	97	92	105	91	108	105	116	63	81	108	96	94	107	88	103	89	127	101	99	102	83	97	94
							90	90	87	87	85	81	89	86	82	86	31	1.91	-2.6	29	23.2	-7.5	27	32.4	64	22	-48	-0.3	14.6	-2.7	-5.4	32.3	-4	15	-0.99	-0.42	-0.56
																	86	91	88	87	90	88	88	90	86	93	84	88	90	85	87	87	87	85	86	85	

Breeding Values and Accuracies: Bulls

Inbreeding in red is high

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

Animal				Selection Value											Birth			Wean				Growth & Adaptation					Fertility				Frame		Carcass				
ID	Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Sire ID	Dam ID	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -brth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean wt	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thickn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
OMBU210070	91995951	1	AG 150126		OMBU120072		91	104	118	95	84	98	108	106	99	106	107	91	98	103	104	118	117	106	102	101	110	99	94	89	84	98	120	113	107	108	108
							69	69	57	55	38	55	65	32	50	27	33	1.93	-1.3	26	17.2	9.1	115	30.0	87	39	-52	0.3	9.1	-2.6	2.3	30.7	13	25	1.42	1.25	0.59
																	48	73	61	55	69	57	60	70	42	88	18	49	71	36	24	55	46	42	26	28	26
OMBU210072	91995977	1	HART160088		OMBU130103		101	105	92	104	91	97	103	94	95	99	95	99	104	95	105	92	100	102	93	100	102	117	93	94	90	100	94	108	97	99	101
							70	70	57	56	40	56	66	32	51	38	17	1.13	-2.1	14	17.6	1.1	74	26.6	54	37	-40	1.3	8.8	-5.5	1.3	31.7	-8	21	0.42	-0.11	0.06
																	47	74	62	56	70	57	61	64	46	58	16	53	72	40	25	55	50	47	36	40	36
OMBU210080	92100072	1	HART090332		OMBU180073		89	128	95	78	108	117	125	116	118	117	124	85	113	126	128	95	107	124	110	109	108	96	118	98	110	110	120	114	110	111	129
							71	70	61	60	46	58	67	36	54	40	56	2.58	-3.3	61	29.7	2.2	89	46.3	118	59	-50	0.1	23.8	-8.1	-2.3	37.8	13	26	1.72	1.77	2.42
																	58	74	64	60	70	61	64	72	53	89	19	56	73	47	31	59	55	53	38	42	38
OMBU210100	92119445	2	HART160088		IH 090012		90	104	99	96	93	92	97	106	94	108	107	93	89	102	104	99	102	104	105	107	108	121	104	88	104	94	101	118	107	88	99
							71	71	59	57	43	57	67	37	53	40	32	1.69	-0.1	25	17.0	3.5	77	28.8	99	53	-49	1.5	14.9	-2.4	-1.2	28.4	-2	30	1.37	-1.84	-0.12
																	54	75	63	57	71	59	62	70	47	87	24	54	72	42	30	56	51	48	39	42	39
OMBU210107	92290626	1	ERH 130044		OMBU170089		96	105	127	89	95	109	112	93	106	103	112	96	103	110	105	127	121	105	95	70	90	83	108	93	94	104	96	97	119	95	114
							61	70	59	58	42	55	65	35	51	44	39	1.44	-2.0	36	17.4	11.9	123	29.7	62	-37	-20	-0.6	17.3	-5.0	0.5	34.2	-6	11	2.54	-0.78	1.16
																	55	63	59	58	70	59	62	72	53	88	15	58	73	43	26	57	56	53	42	46	42
OMBU210108	92902311	1	AG 150126		OMBU190050		108	109	110	92	96	114	116	120	116	123	110	106	112	107	109	110	113	111	112	93	111	98	98	90	100	102	129	122	116	112	122
							67	68	54	55	39	54	64	30	49	28	37	0.40	-3.2	32	20.0	6.8	105	34.7	124	19	-54	0.2	11.3	-3.6	-0.6	33.0	20	33	2.28	1.87	1.77
																	47	72	59	55	68	54	59	70	42	88	17	48	70	40	25	53	46	43	27	29	27
OMBU210109	92902345	2	AG 150126		OMBU180107		103	103	100	89	91	95	99	117	99	116	113	103	107	111	103	100	97	108	115	90	117	89	121	83	99	102	126	117	109	114	123
							68	68	54	55	40	54	64	31	49	29	41	0.61	-2.5	38	16.3	3.8	66	31.8	135	12	-65	-0.3	25.2	0.6	-0.4	33.3	18	29	1.58	2.26	1.88
																	48	72	59	55	68	54	59	70	42	88	17	48	70	40	25	54	46	43	28	30	28
OMBU210118	92902410	2	AG 150126		OMBU180122		99	109	120	93	84	107	117	114	109	119	112	97	106	105	109	120	122	108	108	97	109	88	108	76	92	100	119	116	114	108	119
							68	68	53	54	39	54	64	30	49	29	39	1.33	-2.4	30	19.5	9.8	125	31.8	109	28	-52	-0.3	17.3	4.5	0.8	32.0	12	28	2.11	1.25	1.53
																	50	73	59	54	68	53	58	70	42	88	16	49	70	39	24	53	47	43	28	30	28
OMBU210122	92902469	2	AG 150078		OMBU130127		90	111	114	86	73	94	111	103	94	98	115	92	97	113	111	114	114	107	108	110	119	111	140	81	73	100	115	114	108	83	88
							72	71	60	58	42	57	67	36	53	39	44	1.81	-1.2	42	20.6	8.1	107	31.6	110	60	-69	0.9	36.7	2.0	4.2	32.1	9	26	1.49	-2.65	-1.07
																	50	75	64	58	71	60	63	72	52	89	19	58	73	44	26	57	56	53	36	42	37
OMBU210128	92902527	3	AG 150078		OMBU180024		102	109	95	100	88	101	109	85	96	90	102	98	108	98	109	95	105	101	94	80	97	97	128	86	90	109	97	100	112	76	90
							70	71	59	59	42	57	67	36	53	40	27	1.19	-2.7	19	19.5	2.3	85	26.2	56	-13	-31	0.1	29.3	-0.9	1.3	37.1	-6	14	1.92	-3.76	-0.87
																	57	74	63	59	71	59	63	72	51	88	17	57	73	44	26	56	55	53	37	42	38
OMBU210129	92902535	2	ERH 130044		OMBU170015		92	100	94	95	116	98	91	89	95	91	101	88	104	105	100	94	93	100	88	94	85	72	93	108	116	108	88	87	117	89	113
							71	71	61	59	43	58	68	34	53	42	25	2.23	-2.2	29	15.1	1.8	56	25.1	33	22	-12	-1.2	8.3	-13.5	-3.4	36.6	-13	2	2.35	-1.71	1.03
																	57	74	64	59	71	61	64	71	52	88	13	58	73	44	27	58	56	53	41	44	41
OMBU210130	92902543	1	ERH 130044		OMBU140074		100	103	124	94	103	114	112	85	108	98	104	99	103	104	103	124	121	102	87	86	85	88	95	103	94	113	98	93	116	95	110
							71	71	62	59	44	58	68	36	54	42	29	1.09	-2.0	28	16.5	11.1	123	27.1	32	3	-12	-0.3	9.8	-10.6	0.6	39.4	-5	8	2.29	-0.79	0.80
																	55	74	64	59	71	62	64	72	54	88	15	60	74	45	28	58	58	55	41	44	41

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
OMBU210133	2	ERH 130044	OMB	130044	160071	110	98	105	105	97	104	103	85	99	94	101	108	106	93	98	105	106	96	90	73	86	83	101	105	84	112	90	89	113	92	110
92902576						70	71	60	59	43	57	67	36	53	44	25	0.13	-2.3	12	13.7	5.1	87	21.8	41	-30	-14	-0.6	13.2	-11.9	2.3	39.3	-11	4	2.01	-1.25	0.75
																56	74	63	59	71	60	63	72	52	88	17	58	73	44	28	58	56	53	42	46	42
OMBU210135	3	AG 150078	AG	150078	110077	94	101	80	102	93	83	89	88	81	87	98	91	101	98	101	80	85	98	90	106	98	97	122	91	99	100	83	87	107	76	90
92902592						72	72	62	59	44	58	69	38	54	43	21	1.89	-1.7	18	15.5	-2.4	37	23.6	42	49	-34	0.2	26.1	-4.0	-0.4	31.9	-16	2	1.38	-3.70	-0.86
																51	76	65	59	72	62	64	72	53	88	22	58	74	46	28	58	57	54	41	45	42
OMBU210136	1	AG 150078	AG	150078	110073	120	88	98	107	87	91	91	87	88	84	96	118	110	92	88	98	91	90	95	102	105	116	124	87	92	103	102	100	94	72	86
92902600						72	72	61	59	43	58	68	36	54	38	18	-0.95	-3.0	10	8.7	3.0	52	16.0	62	40	-45	1.2	27.2	-1.8	0.9	33.9	-2	13	0.09	-4.41	-1.25
																53	75	64	59	72	61	64	72	51	88	19	58	73	45	27	58	56	53	36	41	36
OMBU210149	2	ERH 130044	ERH	130044	160055	111	99	86	101	114	104	94	85	99	92	98	108	122	98	99	86	88	93	96	70	94	87	109	106	109	115	89	90	99	96	109
92902709						70	71	60	58	42	57	67	33	52	43	21	0.17	-4.6	19	14.2	-0.5	44	18.7	62	-36	-27	-0.4	18.3	-12.7	-2.1	40.8	-12	5	0.58	-0.52	0.71
																56	74	63	58	71	60	63	70	51	87	13	57	73	43	26	56	55	52	41	45	41
OMBU220004	2	AG 150078	AG	150078	150029	100	109	99	88	87	98	106	95	96	91	114	100	107	113	109	99	101	107	101	92	112	99	131	82	91	107	112	106	105	73	86
93061257						70	62	58	59	42	54	62	35	50	38	42	1.00	-2.5	40	20.0	3.5	77	31.1	82	17	-56	0.3	31.2	1.2	1.0	36.4	6	19	1.14	-4.26	-1.20
																51	74	63	59	62	58	60	66	50	57	17	56	73	44	26	56	55	52	35	41	36
OMBU220021	3	AG 150078	AG	150078	110059	84	108	105	99	78	90	104	90	88	98	97	94	68	99	108	105	113	102	94	85	88	91	122	94	80	90	90	97	98	74	91
93736809						89	89	87	87	85	81	88	86	82	85	19	1.58	2.7	20	19.4	5.3	104	27.2	55	-1	-17	-0.2	25.9	-5.9	2.9	25.9	-11	11	0.45	-4.09	-0.85
																86	90	88	87	89	87	88	89	86	93	84	87	89	85	84	87	87	87	85	85	85
OMBU220023	2	HART140265	HART	140265	170005	91	100	141	90	98	111	112	106	110	108	105	95	92	108	100	141	130	101	108	110	91	105	105	80	112	104	103	101	91	117	115
93736825						90	90	88	88	86	82	89	86	83	86	30	1.53	-0.5	33	15.0	16.4	146	25.5	108	61	-21	0.6	15.5	2.5	-2.7	34.2	-1	15	-0.23	2.75	1.18
																87	90	89	88	90	88	89	90	87	93	85	88	90	86	85	88	88	87	86	87	86
OMBU220024		AG 150078	AG	150078	120018	80	105	107	99	80	86	100	96	86	89	101	83	81	99	105	107	111	100	102	97	123	105	134	85	78	105	121	114	102	57	85
93736833						89	89	88	87	85	81	89	86	82	85	25	2.80	0.9	20	17.7	5.7	100	25.2	87	29	-74	0.6	33.2	-0.4	3.3	34.8	13	26	0.91	-6.81	-1.30
																86	90	88	87	89	88	88	89	86	93	84	87	89	85	84	87	87	86	85	85	85
OMBU220028	2	HART200020	HART	200020	180113	101	110	105	90	117	118	111	106	117	109	106	97	113	110	110	105	108	111	104	109	99	89	119	108	115	110	127	121	101	85	114
93736874						88	89	86	86	85	80	88	85	81	85	31	1.32	-3.3	36	20.1	5.2	92	35.0	94	57	-35	-0.3	24.1	-13.7	-3.2	37.6	18	32	0.79	-2.35	1.09
																86	89	87	86	89	86	87	88	86	93	84	87	89	84	84	86	86	86	85	85	85
OMBU220030	2	AG 150078	AG	150078	130122	96	104	109	96	84	96	106	85	92	85	103	94	103	102	104	109	110	101	95	103	104	112	108	79	96	92	107	109	102	77	93
93736890						90	90	88	88	86	82	89	86	83	86	27	1.65	-2.0	26	17.2	6.5	98	26.2	61	44	-43	1.0	17.7	3.0	0.1	26.9	3	22	0.84	-3.53	-0.64
																87	90	89	88	90	88	89	90	87	93	85	88	90	86	84	88	88	87	85	86	86
OMBU220032	1	AG 150078	AG	150078	120032	91	88	103	103	67	65	80	67	61	72	91	98	79	95	88	103	93	88	77	83	91	104	109	70	81	89	100	78	79	90	85
93736916						89	90	88	87	86	81	89	86	82	85	11	1.20	1.3	15	8.3	4.5	56	14.6	-9	-6	-21	0.6	18.3	8.3	2.9	25.3	-3	-6	-1.38	-1.48	-1.29
																86	90	88	87	90	88	88	90	87	93	84	88	90	86	84	88	87	87	85	85	85
OMBU220034		AG 150078	AG	150078	120088	97	100	109	97	79	90	101	87	88	92	103	98	97	101	100	109	108	98	87	82	93	107	117	85	86	93	100	98	99	82	88
93736932						70	71	59	58	40	56	67	34	52	34	27	1.23	-1.1	23	15.2	6.6	93	22.9	30	-7	-26	0.7	23.2	-0.3	1.9	27.7	-3	12	0.60	-2.83	-1.10
																48	74	63	58	71	59	63	72	48	89	16	55	73	40	23	56	53	50	32	37	33

Breeding Values and Accuracies: Bulls

Inbreeding in red is high

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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 Thickn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling	
				EBV Acc																																
OMBU220037	93736965	1		AG 150078	91	122	101	86	83	105	121	97	103	103	116	89	105	115	122	101	113	113	106	71	106	118	147	86	79	111	101	111	99	70	106	
				OMBU120092	89	89	88	87	85	81	89	86	82	85	45	2.11	-2.3	44	26.8	4.1	104	36.5	101	-35	-46	1.3	41.0	-1.0	3.1	38.3	-2	23	0.62	-4.72	0.48	
OMBU220039	93736981			AG 150078	84	112	93	86	89	89	98	109	91	120	117	92	84	115	112	93	97	111	107	95	112	116	135	96	86	103	113	113	112	100	102	
				OMBU120077	89	89	87	87	85	81	88	85	82	84	46	1.82	0.6	45	21.2	1.6	66	34.5	104	24	-56	1.2	33.7	-6.7	1.9	33.9	7	25	1.86	-0.01	0.12	
OMBU220040	93736999	1		HART140265	94	102	123	95	111	114	108	103	112	110	101	95	96	103	102	123	120	105	98	94	93	92	98	95	126	98	98	100	93	128	128	
				OMBU140110	89	90	88	88	86	81	89	86	82	86	25	1.55	-1.1	26	15.8	10.8	120	29.2	71	22	-25	-0.1	11.3	-6.0	-5.3	30.7	-4	13	-0.01	4.52	2.33	
OMBU220041	93737005	2		HART140265	77	127	119	73	105	120	130	110	119	119	128	75	98	131	127	119	121	122	107	86	95	89	95	89	120	98	125	119	103	103	123	
				OMBU160065	70	71	59	58	43	57	67	38	53	48	62	3.59	-1.3	68	29.4	9.4	123	44.8	106	2	-29	-0.3	9.6	-2.6	-4.1	30.3	17	31	1.00	0.58	1.86	
OMBU220045	93737047	1		HART140265	87	108	107	89	103	102	104	103	102	101	108	88	96	110	108	107	107	108	99	119	101	77	87	94	110	100	116	105	107	99	113	
				OMBU170074	70	70	57	58	41	56	66	34	52	46	34	2.25	-1.1	37	19.2	5.9	91	32.1	75	81	-38	-0.9	5.0	-5.4	-2.3	31.7	9	18	1.39	-0.10	1.02	
OMBU220047	93737062	1		AG 150078	116	76	103	138	78	84	88	66	77	65	69	116	93	66	76	103	100	77	72	81	78	116	109	97	76	91	72	71	84	68	89	
				OMBU130103	90	90	88	88	86	82	89	86	83	86	-19	-0.64	-0.6	-28	2.3	4.8	73	4.5	-28	-11	0	1.2	18.3	-7.2	3.6	26.2	-25	-12	-0.95	-4.94	-0.96	
OMBU220051	93737104	1		AG 150078	105	94	110	114	68	87	101	88	85	86	88	111	81	86	94	110	112	88	90	83	106	106	122	78	74	91	101	98	111	89	85	
				OMBU120082	89	89	88	87	85	81	89	86	82	85	7	-0.20	1.0	1	11.7	6.7	101	14.5	40	-5	-46	0.7	26.2	3.5	4.0	26.4	-3	12	1.82	-1.68	-1.36	
OMBU220054	93737138	2		HART200020	102	100	87	92	102	91	90	89	89	93	110	98	112	109	100	87	85	99	97	76	87	95	120	96	104	104	94	95	95	86	104	
				OMBU190002	68	69	51	49	33	52	63	32	48	40	36	1.19	-3.2	35	15.0	-0.2	37	24.0	68	-22	-15	0.1	24.7	-6.6	-1.3	34.0	-8	9	0.18	-2.16	0.24	
OMBU220057	93737161			AG 150078	101	105	100	82	91	94	99	103	95	109	121	105	101	120	105	100	95	109	111	113	112	108	135	88	95	107	110	114	101	94	107	
				OMBU120061	88	88	87	86	84	80	88	84	81	84	51	0.46	-1.7	51	17.8	3.6	60	32.9	120	67	-57	0.8	33.4	-2.2	0.3	35.8	5	26	0.82	-0.82	0.52	
OMBU220061	93737203	2		HART140265	84	106	112	98	98	102	106	108	103	111	98	86	86	99	106	112	117	103	103	95	97	96	94	89	110	97	116	110	100	110	126	
				OMBU180029	69	61	55	57	42	53	61	36	50	46	21	2.44	0.3	21	18.4	7.5	114	27.9	92	24	-31	0.1	9.1	-2.6	-2.3	30.1	10	22	0.70	1.61	2.17	
OMBU220066	94056306	1		AG 150078	101	95	105	104	74	85	96	90	83	90	95	104	92	94	95	105	104	93	94	95	104	115	118	84	74	98	101	101	99	87	87	
				OMBU120072	70	71	60	59	41	57	67	36	53	38	17	0.60	-0.5	12	12.5	5.4	83	19.1	58	23	-43	1.2	23.8	-0.1	4.1	30.3	-3	14	0.53	-2.05	-1.13	
OMBU220067	94056314	1		HART140265	91	99	114	107	96	100	104	94	98	96	91	88	94	91	99	114	117	98	94	114	93	90	87	98	96	101	104	98	100	104	110	
				OMBU170173	69	70	58	58	41	56	66	36	52	46	12	2.19	-0.8	8	14.5	7.9	114	22.9	55	69	-25	-0.2	5.1	-7.8	0.1	32.5	0	12	0.73	0.65	0.78	

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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 Thickn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
				Sire ID	Dam ID																															
OMBU220068	94056322	5	AG 150078 ERH 110081			81 72	104 72	108 61	93 59	60 44	74 58	98 68	80 39	72 54	87 42	109 35	86 2.40	82 0.8	106 30	104 17.3	108 6.1	107 91	103 28.0	90 41	101 38	101 -39	104 0.6	115 21.9	74 5.8	65 5.6	92 26.8	99 -4	98 12	99 0.56	74 -3.99	82 -1.60
OMBU220069	94056330	2	ERH 130044 OMBU190117			112 70	92 70	106 58	109 58	98 42	101 56	98 66	90 33	98 51	93 42	95 17	108 0.09	120 -4.3	89 7	92 10.6	106 5.5	103 81	92 17.5	96 64	86 2	98 -33	84 -0.6	111 19.2	96 -6.6	96 0.2	107 35.9	98 -5	96 10	113 2.02	92 -1.23	110 0.78
OMBU220070	94056348	2	ERH 130044 OMBU190017			95 90	109 90	91 88	89 88	99 86	98 82	101 89	98 86	97 83	99 86	113 41	91 1.96	111 -3.1	112 39	109 19.9	91 0.9	95 61	106 30.2	95 59	93 20	90 -0.3	89 -0.3	102 14.2	97 -7.5	96 0.2	113 39.7	93 -9	94 9	110 1.73	90 -1.53	107 0.55
OMBU220072	94056363	4	HART170114 OMBU190057			83 68	99 70	118 54	99 53	105 40	100 55	98 65	105 34	100 51	109 44	98 21	89 2.14	77 1.5	98 19	99 14.3	118 9.1	115 110	104 28.8	98 73	105 48	99 -35	109 0.8	107 16.8	100 -9.0	106 -1.7	107 36.4	111 6	97 11	100 0.69	122 3.54	109 0.71
OMBU220073	94056371	1	ERH 130044 OMBU140145			104 89	89 89	94 88	100 88	104 86	88 81	83 89	80 86	83 82	87 86	100 24	99 1.07	115 -3.6	99 20	89 9.2	94 1.8	85 37	87 13.5	76 -11	113 68	76 3	92 -0.1	100 12.7	101 -9.7	106 -1.7	105 34.6	88 -13	87 2	89 -0.44	85 -2.28	117 1.36
OMBU220076	94056405	3	ERH 130044 OMBU200015			88 70	99 70	101 59	101 58	107 41	95 56	93 66	96 32	94 51	96 40	102 26	87 2.31	93 -0.6	97 18	99 14.4	101 3.9	101 76	99 23.7	97 69	97 29	98 -33	76 -1.0	106 16.4	101 -9.8	105 -1.4	107 36.2	103 -1	98 12	116 2.33	90 -1.46	111 0.85
OMBU220077	94056413		OMBU190105			116 58	91 58	97 38	105 37	107 27	101 43	92 52			89 17	89 9	114 -0.52	109 -2.8	93 12	91 10.1	97 2.9	92 55	89 15.5	86 27	97 28	86 -13	99 0.3	96 10.3	104 -11.6	116 -3.5	88 24.6	103 -1	91 5	79 -1.40	102 0.41	112 0.97
OMBU220078	94056421	3	ERH 130044 OMBU190101			105 69	96 70	106 58	100 58	104 42	102 56	98 66	93 32	99 51	98 40	105 30	102 0.79	108 -2.7	98 19	96 12.7	106 5.7	103 80	96 21.3	95 61	81 -11	92 -23	80 -0.8	101 13.3	97 -7.1	106 -1.6	106 35.2	99 -4	97 11	115 2.16	90 -1.45	112 0.99
OMBU220084	94056462	26	ERH 130044 OMBU180134			92 70	109 70	101 59	86 59	119 42	111 57	105 67	85 34	106 52	97 44	119 49	88 2.26	110 -2.9	115 44	109 20.0	101 4.1	102 78	107 31.0	95 59	98 31	89 -19	78 -0.9	113 20.3	110 -14.9	112 -2.7	118 42.9	95 -7	99 13	119 2.55	89 -1.70	115 1.21
OMBU220089	94674975	2	AG 150078 OMBU160002			84 89	113 89	114 88	88 87	69 86	91 81	113 89	89 86	89 82	102 86	110 37	84 2.60	95 -0.9	111 38	113 21.8	114 8.1	117 115	110 34.1	101 82	96 25	110 -53	119 1.4	145 39.9	70 8.2	78 3.4	99 31.1	114 8	111 24	111 1.81	73 -4.17	70 -2.62
OMBU220092	94675006	2	HART140265 OMBU180126			81 69	113 69	119 58	81 58	108 39	111 55	113 66	107 41	110 52	114 46	127 60	79 3.14	101 -1.7	120 52	113 21.8	119 9.7	116 112	112 35.5	104 95	104 46	93 -26	90 -0.2	87 4.9	95 -6.5	118 -3.7	100 31.6	126 17	116 28	115 2.20	99 -0.06	121 1.70
OMBU220094	94675022	3	AG 150078 OMBU160055			120 70	96 70	87 59	102 57	84 40	91 56	94 66	88 42	88 53	86 38	95 16	118 -0.94	113 -3.3	96 17	96 12.9	87 -0.2	87 42	93 19.0	99 77	94 22	112 -56	109 0.8	129 30.2	85 -0.5	86 2.0	104 34.5	99 -4	100 13	87 -0.65	86 -2.14	87 -1.13

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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 Thickn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
				Sire ID	Dam ID																															
OMBU220101	94675121	1	AG 150078 OMBU140074			94 90	99 90	119 88	97 88	71 86	88 82	103 89	80 87	84 83	91 86	95 17	99 1.06	86 0.3	100 22	99 14.4	119 9.7	116 111	97 22.1	85 21	83 -6	90 -21	107 0.7	98 11.9	82 1.0	69 5.0	98 30.9	99 -4	93 8	106 1.25	77 -3.51	85 -1.32
OMBU220105	94675162	2	AG 150078 OMBU120050			86 71	102 71	114 61	100 59	69 42	84 57	102 68	98 43	85 54	93 39	100 24	91 1.97	80 1.0	98 18	102 15.9	114 8.1	115 111	101 25.6	100 80	92 16	113 -58	96 0.1	131 31.2	79 3.0	70 4.8	99 31.2	109 4	103 17	104 1.10	83 -2.65	87 -1.12
OMBU220106	94675170	2	ERH 130044 OMBU200034			108 90	99 90	87 88	118 88	97 87	100 82	101 89	76 87	94 83	87 87	88 8	105 0.44	117 -3.9	85 0	99 14.6	87 -0.4	96 63	87 13.3	78 -3	71 -34	79 -3	80 -0.8	108 17.3	99 -8.4	97 0.0	102 32.8	92 -10	79 -5	110 1.72	113 2.15	123 1.87
OMBU220110	94675212	2	AG 150078 OMBU150056			89 70	112 71	106 60	89 59	83 42	96 57	109 67	99 43	95 54	101 38	109 36	89 2.14	99 -1.4	111 38	112 21.4	106 5.5	110 96	109 32.6	97 69	92 16	105 -45	105 0.6	115 21.6	77 3.9	88 1.5	108 36.4	126 18	115 27	116 2.23	84 -2.45	88 -1.03
OMBU220111	94675220	2	AG 150078 OMBU130127			97 72	101 71	117 60	92 58	72 42	89 57	102 67	108 43	91 54	99 39	108 35	100 0.95	95 -0.9	107 32	101 15.2	117 8.8	111 99	102 26.4	106 101	92 18	117 -65	110 0.9	127 29.2	82 1.3	74 4.1	96 29.7	114 8	107 20	107 1.37	85 -2.35	91 -0.86
OMBU220114	94675253	1	HART140265 ERH 110062			92 72	95 72	106 61	96 59	123 43	103 58	91 68	97 45	101 55	93 50	101 25	88 2.19	103 -2.0	103 26	95 12.4	106 5.7	100 72	98 23.4	93 51	100 36	84 -10	73 -1.2	88 5.9	104 -11.5	139 -7.4	95 28.8	70 -27	81 -3	98 0.44	98 -0.20	113 1.06
OMBU220116	94675279	2	ERH 130044 OMBU170015			106 89	92 89	81 87	103 87	120 85	95 81	82 88	83 86	90 82	83 85	92 13	101 0.84	111 -3.1	96 16	92 10.6	81 -2.1	78 19	90 15.7	81 9	85 -2	78 -1	64 -1.7	76 19.7	116 -18.4	120 -4.1	102 33.1	79 -20	78 -6	111 1.79	95 -0.71	115 1.17
OMBU220119	94675303	3	AG 150078 OMBU180122			95 70	102 70	111 57	95 57	73 41	88 56	103 66	95 42	88 53	99 40	107 33	98 1.20	93 -0.6	103 27	102 16.3	111 7.2	110 97	102 26.9	102 86	99 33	107 -48	95 0.1	142 37.6	73 6.2	82 2.6	96 29.5	98 -5	105 18	102 0.89	87 -1.99	99 -0.18
OMBU220120	94675311		AG 150078 OMBU120016			107 70	91 70	118 60	110 58	73 40	91 56	102 67	86 42	88 53	89 38	92 12	108 0.11	94 -0.8	88 4	91 10.2	118 9.3	115 110	90 16.5	87 29	84 -2	91 -21	127 1.8	128 29.3	85 -0.7	71 4.5	97 30.2	79 -20	88 3	101 0.80	83 -2.70	86 -1.20
OMBU220121	94675329	1	ERH 130044 OMBU200018			84 70	111 70	106 59	93 59	114 42	110 57	107 67	100 41	108 54	106 43	108 34	111 2.72	94 -0.8	105 30	111 20.6	106 5.7	112 102	108 32.4	100 79	100 35	94 -27	89 -0.3	112 19.9	108 -13.9	109 -2.2	111 38.5	110 5	104 17	112 1.85	100 0.08	125 2.03
OMBU220123	94675345	4	AG 150078 OMBU160071			108 70	98 71	106 59	109 59	66 42	89 57	104 67	90 44	87 54	91 40	96 17	111 -0.14	92 -0.5	89 6	98 13.9	106 5.7	110 98	97 22.5	98 71	88 6	107 -48	104 0.5	138 35.6	84 0.2	60 6.5	102 32.9	100 -3	99 13	102 0.85	83 -2.63	90 -0.90
OMBU220124	94675352	1	ERH 130044 OMBU200045			109 90	97 90	98 88	106 88	124 86	114 82	99 89	81 87	107 83	89 86	95 17	107 0.22	105 -2.3	92 10	97 13.3	98 3.0	99 71	93 18.6	79 0	89 10	72 9	78 -0.9	106 16.6	114 -17.1	116 -3.4	117 41.9	85 -15	81 -3	104 1.08	91 -1.39	106 0.45

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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
OMBU220126	94675378	2	ERH 130044 OMBU200027		106 70	105 70	102 59	91 59	104 43	108 57	105 66	95 41	105 54	106 43	111 38	102 0.73	115 -3.6	109 35	105 17.7	102 4.4	102 77	104 28.9	101 81	89 8	98 -33	72 -1.2	123 26.6	96 -6.8	105 -1.5	108 36.9	98 -5	100 13	109 1.60	99 -0.07	123 1.88
OMBU220133	94675113	2	AG 150078 OMBU150029		105 70	101 70	101 59	96 59	86 42	94 57	100 67	96 42	93 54	93 38	104 29	105 0.48	105 -2.3	103 26	101 15.3	101 4.1	100 74	100 25.0	101 82	99 34	113 -58	96 0.1	131 31.4	83 0.6	91 1.0	103 34.0	115 9	107 20	105 1.20	74 -4.01	89 -1.00
OMBU220134	94675428	3	AG 150078 OMBU180135		109 70	102 70	94 59	99 59	81 43	92 57	101 67	99 42	92 54	98 40	99 23	109 0.07	105 -2.2	100 21	102 16.1	94 1.8	97 65	101 25.5	97 69	94 21	103 -41	118 1.3	106 16.4	81 1.9	86 1.9	104 34.4	110 5	105 18	103 0.94	89 -1.75	103 0.18
OMBU220135	94675436	1	ERH 130044 OMBU190056		100 69	100 69	96 57	93 58	109 40	100 55	94 65	101 39	99 52	105 40	110 37	100 0.94	102 -1.9	107 32	100 15.1	96 2.5	94 58	104 28.1	99 75	99 34	94 -26	89 -0.3	101 13.1	108 -13.4	110 -2.4	99 31.2	99 -4	102 15	116 2.30	98 -0.31	117 1.37
OMBU230008	94932746		HART140265 OMBU110044		91 71	94 71	120 60	97 59	104 40	99 57	96 67	89 40	96 54	91 42	96 18	92 1.84	94 -0.8	100 22	94 11.6	120 9.9	111 101	93 18.7	96 63	91 14	96 -29	74 -1.1	95 9.7	94 -5.4	119 -3.9	92 26.9	117 11	104 17	93 -0.02	102 0.31	109 0.74
OMBU230011	94932779	2	AG 150078 OMBU190050		101 69	105 70	102 57	98 58	85 42	97 56	105 66	110 42	99 53	105 38	101 25	102 0.79	98 -1.3	101 23	105 17.8	102 4.3	106 88	106 30.0	110 116	105 49	113 -58	106 0.7	125 27.8	88 -1.9	90 1.2	98 30.5	114 8	112 25	105 1.16	92 -1.25	103 0.16
OMBU230012	94932787	2	AG 150078 OMBU160097		94 70	105 71	120 59	93 59	68 42	93 57	110 67	91 42	90 54	93 38	106 32	97 1.28	92 -0.5	105 29	105 17.8	120 10.0	119 120	102 26.5	91 43	87 5	95 -28	108 0.8	105 15.7	74 5.9	71 4.5	99 31.4	103 -1	101 15	107 1.41	79 -3.20	85 -1.32
OMBU230013	94932795	1	ERH 130044 OMBU190005		92 89	104 89	99 87	87 87	83 85	85 81	96 88	97 86	85 82	96 85	118 47	91 1.87	103 -2.0	114 42	104 17.1	99 3.5	96 64	100 24.8	98 73	95 24	96 -29	78 -0.9	115 21.6	79 2.7	90 1.3	102 33.3	93 -9	94 8	128 3.45	94 -0.83	110 0.76
OMBU230014	94932803	1	AG 150078 OMBU170136		93 70	101 71	101 59	95 58	80 41	84 57	95 67	100 42	85 54	100 34	103 27	98 1.17	87 0.2	104 27	101 15.4	101 4.1	100 73	100 25.4	104 94	92 16	113 -58	104 0.6	147 41.0	82 1.2	85 2.2	101 32.4	109 4	109 22	106 1.25	85 -2.39	93 -0.61
OMBU230015	94932811	1	AG 150078 OMBU170123		92 68	106 68	113 54	87 57	69 40	87 54	105 64	98 42	88 52	102 38	115 44	95 1.50	95 -0.9	113 41	106 18.4	113 7.7	109 96	107 31.1	98 73	100 35	103 -42	115 1.2	125 27.6	81 2.0	71 4.5	95 28.7	106 1	110 22	110 1.70	86 -2.23	90 -0.91
OMBU230016	94932829	1	HART140265 OMBU150106		94 70	98 70	113 59	94 57	107 40	102 56	99 66	88 42	99 53	95 46	101 25	92 1.85	104 -2.1	104 28	98 14.0	113 7.8	107 91	101 25.5	90 43	105 48	89 -19	106 0.6	85 3.6	95 -6.0	120 -4.0	96 29.4	116 10	105 18	106 1.28	99 -0.04	114 1.12
OMBU230017	94932837	2	HART140265 OMBU160072		91 70	94 70	113 59	96 58	100 40	93 56	92 66	97 42	92 53	97 46	100 24	93 1.71	92 -0.5	102 25	94 11.6	113 7.8	104 84	97 22.6	102 85	100 35	95 -29	92 -0.1	93 8.6	90 -3.3	110 -2.3	102 33.2	100 -3	102 15	85 -0.77	110 1.58	114 1.10

Breeding Values and Accuracies: Bulls

Inbreeding in red is high

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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
OMBU230027	95990834	1	ERH 130044	OMB210022	84	118	105	77	107	109	115	105	109	118	130	82	107	126	118	105	107	116	102	107	92	84	129	99	109	106	112	111	118	101	125
					70	69	57	58	41	56	65	40	53	42	63	2.86	-2.5	61	24.6	5.4	89	39.0	88	52	-23	-0.6	30.4	-8.4	-2.1	35.7	6	23	2.49	0.29	2.07
															56	73	62	58	69	57	61	64	62	53	14	76	73	41	26	55	70	63	41	44	41
OMBU230029	95990859	3	ERH 130044	OMB200078	85	111	103	89	92	96	105	90	93	97	117	82	104	112	111	103	106	107	95	114	95	85	100	93	93	102	105	106	116	84	104
					69	70	57	58	42	56	66	41	53	43	47	2.89	-2.1	39	20.6	4.6	87	31.5	59	70	-28	-0.5	13.1	-5.0	0.7	33.2	1	19	2.24	-2.55	0.27
															56	73	62	58	70	57	62	66	62	54	15	76	73	44	26	55	70	63	41	45	42
OMBU230034	95990909	6	ERH 130044	OMB210093	101	97	87	96	112	94	87	87	91	93	106	98	107	104	97	87	84	98	85	113	76	95	94	114	108	104	85	85	103	93	119
					69	70	58	58	42	56	66	40	53	44	31	1.14	-2.6	28	13.5	-0.4	35	23.4	24	68	3	0.0	9.1	-17.1	-1.9	34.5	-15	1	1.01	-1.01	1.58
															57	73	62	58	70	58	62	66	62	55	14	76	73	45	27	55	70	63	42	45	42
OMBU230036	96198940	1	OMBU200029	OMB210001	108	102	95	107	91	100	104	83	95	88	91	108	102	92	102	95	102	96	90	86	94	85	129	97	91	102	89	87	85	92	92
					65	66	48	48	34	50	60	40	48	28	11	0.18	-1.9	10	15.9	2.3	79	21.2	41	2	-27	-0.5	30.2	-7.3	1.0	33.1	-12	2	-0.78	-1.28	-0.74
															44	71	54	48	66	48	54	60	58	44	15	75	71	35	22	46	68	59	26	29	27
OMBU230040	96198981	1	OMBU200029	OMB210099	108	100	86	106	100	97	96	87	94	87	89	107	103	93	100	86	91	91	87	78	95	98	95	101	99	103	95	90	84	95	97
					65	66	47	47	32	50	60	38	48	26	9	0.29	-2.0	12	14.9	-0.6	52	17.1	31	-17	-29	0.2	10.0	-9.8	-0.5	33.6	-7	5	-0.88	-0.75	-0.34
															43	70	54	47	66	47	53	60	56	43	12	74	70	33	20	44	67	57	25	27	25
OMBU230044	96199013	3	ERH 130044	OMB200116	100	102	95	103	106	103	101	84	98	87	102	95	111	95	102	95	100	95	91	70	93	103	129	100	109	103	77	82	115	81	102
					70	70	57	58	42	56	66	42	53	44	26	1.50	-3.0	15	16.3	2.1	74	20.6	45	-36	-25	0.5	30.1	-8.9	-2.1	33.7	-21	-2	2.15	-2.98	0.12
															56	73	62	58	70	57	62	66	62	54	16	76	73	45	27	55	70	63	42	46	43
OMBU230049	96199062	2	AG 150078	OMB160062	83	115	89	79	79	83	102	106	85	107	122	87	97	125	115	89	93	115	102	115	103	116	119	79	86	100	108	110	95	101	103
					70	71	60	59	42	57	67	43	54	38	53	2.38	-1.1	59	23.0	0.4	56	38.3	85	71	-42	1.2	24.1	2.7	1.9	32.0	3	23	0.20	0.14	0.23
															57	74	63	59	71	60	63	66	62	56	19	76	73	44	26	56	70	63	35	40	36
OMBU230052	96199096	14	ERH 130044	OMB210097	118	98	92	100	115	109	97	82	103	91	100	116	131	98	98	92	91	93	78	83	68	84	96	108	112	111	69	73	106	95	118
					69	70	58	59	43	56	66	40	53	44	23	-0.67	-5.7	19	13.6	1.2	53	18.6	-2	-6	16	-0.5	10.5	-13.5	-2.6	38.7	-28	-11	1.26	-0.74	1.43
															57	73	62	59	70	58	62	66	62	56	14	76	73	45	28	56	70	63	42	45	42
OMBU230062	96199195	1	HART170114	OMB180113	112	87	116	105	118	111	95	102	109	102	91	113	102	92	87	116	106	93	100	110	101	103	93	117	114	107	138	110	107	107	103
					68	70	55	53	37	54	65	42	52	44	12	-0.33	-1.9	10	8.2	8.5	88	18.4	78	60	-39	0.5	8.8	-18.5	-3.0	35.9	27	23	1.43	1.22	0.21
															49	73	59	53	70	55	59	64	60	56	17	75	73	35	24	51	69	61	43	46	43
OMBU230063	96199203	3	ERH 130044	OMB200092	99	99	96	103	96	94	97	80	90	81	100	96	115	95	99	96	98	92	90	75	93	86	109	98	94	104	93	87	106	79	96
					69	69	57	58	41	56	65	40	53	43	23	1.39	-3.6	15	14.5	2.4	69	18.0	40	-26	-26	-0.4	18.1	-7.8	0.5	34.1	-9	3	1.27	-3.30	-0.37
															56	73	62	58	69	57	61	66	62	54	14	76	73	43	26	54	70	63	41	45	42
OMBU230065	96199229	2	ERH 130044	OMB210071	99	98	106	95	101	99	98	104	99	105	110	95	109	103	98	106	102	103	97	106	93	86	106	96	103	102	101	98	117	95	116
					69	69	57	58	40	55	65	40	52	40	36	1.52	-2.8	27	14.0	5.6	78	28.0	66	49	-25	-0.5	16.6	-7.0	-1.1	33.1	-2	12	2.40	-0.66	1.27
															55	73	62	58	69	57	61	66	60	52	13	75	72	42	25	54	69	62	39	42	39
OMBU230066	96199237	1	HART140265	OMB120051	79	116	114	85	98	106	115	100	105	108	113	79	95	116	116	114	117	113	98	99	94	96	87	93	107	95	117	110	102	105	114
					70	70	59	58	40	56	67	40	53	42	41	3.15	-1.0	46	23.7	8.0	114	36.7	70	32	-27	0.1	5.2	-5.1	-1.9	28.6	11	22	0.90	0.88	1.17
															49	74	63	58	70	59	62	64	59	54	16	75	73	42	24	55	68	60	41	44	41

Breeding Values and Accuracies: Bulls

Inbreeding in red is high

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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
OMBU230074	96199302	1	HART170114	OMBU180133	105	84	118	111	114	104	92	93	101	97	89	103	99	88	84	118	108	90	96	103	95	115	103	114	111	105	109	97	105	109	102		
					68	70	55	53	37	54	65	42	52	44	9	0.62	-1.5	4	6.5	9.1	92	16.0	64	44	-28	1.2	14.7	-17.0	-2.4	34.9	4	11	1.18	1.42	0.08		
															50	73	59	53	70	55	59	64	60	55	17	76	73	35	24	51	69	62	43	46	43		
OMBU230075	96199310		AG 150078	OMBU140091	110	99	99	91	78	88	96	100	88	99	110	113	105	109	99	99	94	97	105	86	114	112	147	84	83	97	110	111	102	86	93		
					70	71	59	58	39	56	67	42	53	34	37	-0.33	-2.3	35	14.5	3.3	58	22.3	100	1	-60	1.0	40.8	0.1	2.5	30.1	5	23	0.93	-2.09	-0.61		
															55	74	63	58	71	59	63	66	61	53	16	76	73	40	23	55	71	63	31	36	32		
OMBU230079	96199344	1	HART140265	OMBU130024	71	126	124	71	103	116	128	116	117	120	131	75	87	134	126	124	122	122	112	99	108	104	89	87	117	99	150	132	116	113	119		
					72	71	60	58	42	57	67	45	55	46	65	3.58	0.2	73	28.7	11.1	126	44.8	126	34	-49	0.5	6.0	-1.8	-3.6	31.2	36	42	2.30	2.13	1.52		
															51	75	64	58	71	60	63	67	61	57	23	76	73	43	26	56	70	62	44	47	45		
OMBU230080	96199351	3	AG 150078	OMBU170015	92	97	96	97	85	80	88	93	80	91	97	95	92	102	97	96	93	100	89	96	93	100	111	87	93	96	91	92	106	81	95		
					70	71	60	58	41	57	67	42	54	38	20	1.55	-0.5	26	13.6	2.5	56	25.0	39	26	-25	0.3	19.1	-1.4	0.7	29.5	-10	7	1.33	-2.96	-0.51		
															57	74	63	58	71	60	63	66	62	59	17	77	74	43	26	55	71	63	35	41	36		
OMBU230083	96199385	1	OMBU200043	OMBU190082	100	107	96	83	101	99	101	122	104	119	117	102	104	119	107	96	94	112	107	92	105	93	101	97	104	103	118	110	104	106	125		
					66	66	48	47	32	50	60	38	48	21	46	0.80	-2.2	50	18.9	2.5	59	35.8	107	18	-44	-0.1	13.6	-7.1	-1.2	33.4	11	23	1.12	1.07	2.06		
															44	71	54	47	66	48	54	60	56	41	12	74	71	32	20	45	67	58	20	22	20		
OMBU230088	96199435	1	OMBU200067	IH 110065	110	90	92	127	106	101	94	95	99	88	77	114	83	78	90	92	96	89	97	90	104	91	92	114	98	103	96	94	90	94	100		
					68	69	51	47	33	52	63	38	49	23	-8	-0.50	0.7	-11	9.7	1.3	63	15.2	68	11	-44	-0.2	7.9	-16.9	-0.3	33.7	-6	8	-0.33	-0.90	-0.03		
															35	73	56	47	69	51	56	59	58	39	11	76	72	32	20	46	69	60	22	24	22		
OMBU230089	96199443	1	HART170114	OMBU180111	85	110	116	94	116	116	112	102	114	108	105	85	92	104	110	116	121	110	96	107	93	108	97	116	109	109	112	101	114	107	105		
					68	70	55	53	39	55	65	42	52	44	31	2.52	-0.5	27	20.3	8.6	123	33.8	65	53	-26	0.7	11.2	-18.0	-2.2	37.3	7	14	2.11	1.13	0.35		
															50	73	59	53	70	55	59	66	60	54	18	76	72	39	26	52	69	62	43	46	44		
OMBU230090	96199450	3	OMBU200067	OMBU130072	125	98	78	98	102	99	93	98	98	95	97	120	123	102	98	78	79	97	98	103	108	103	86	99	103	102	103	106	99	103			
					67	68	51	47	33	51	62	36	48	23	20	-1.16	-4.7	25	14.1	-2.9	23	22.1	70	43	-50	0.5	4.4	-8.7	-1.1	33.0	-1	19	0.43	-0.06	0.23		
															34	72	56	47	68	51	55	60	57	44	9	75	72	32	20	47	68	58	22	24	22		
OMBU230091	96199468	1	OMBU200043	OMBU180129	78	125	105	74	99	108	122	107	108	119	135	72	99	132	125	105	109	120	99	78	90	122	92	92	103	105	128	118	111	103	119		
					66	67	51	48	31	51	61	37	48	26	70	3.92	-1.4	69	28.5	5.2	96	42.8	76	-18	-20	1.5	7.8	-4.3	-1.0	34.6	19	29	1.78	0.46	1.59		
															45	71	55	48	67	51	55	60	56	41	11	74	70	29	19	46	67	58	25	27	25		
OMBU230098	96199534	7	OMBU200043	OMBU180057	91	114	101	80	80	93	110	105	94	118	121	92	103	124	114	101	102	113	100	87	100	119	106	78	88	101	120	117	101	112	120		
					66	67	49	48	34	51	61	38	48	20	52	1.78	-2.0	57	22.6	4.1	78	36.8	81	5	-36	1.4	16.3	3.3	1.6	32.5	13	29	0.80	1.87	1.60		
															45	71	55	48	67	49	55	60	57	42	11	75	71	33	22	48	67	58	19	21	19		
OMBU230101	96199567	3	AG 150078	OMBU140067	93	110	103	87	64	84	105	94	83	100	113	93	101	113	110	103	104	109	98	82	102	90	119	66	76	94	100	107	102	79	92		
					70	71	60	58	41	57	67	43	54	38	40	1.70	-1.7	42	20.1	4.7	84	32.8	71	-8	-40	-0.2	24.0	10.2	3.6	28.3	-3	20	0.89	-3.19	-0.76		
															55	74	63	58	71	60	63	67	61	57	19	76	74	43	25	54	70	63	35	40	36		
OMBU230103	96199583	1	HART170114	OMBU190088	91	97	113	97	114	103	95	108	104	112	102	92	93	101	97	113	107	106	97	111	93	121	102	112	112	105	114	102	112	114	105		
					68	69	53	52	37	53	64	40	50	40	26	1.79	-0.6	24	13.1	7.5	90	30.3	69	62	-26	1.5	14.2	-16.1	-2.8	34.8	8	15	1.84	2.21	0.38		
															49	73	58	52	69	53	58	64	59	53	16	75	72	37	24	50	69	60	39	42	39		

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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 Thicken	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
OMBU230104	96199591	2	HART170114	OMB200023	116	78	102	130	110	100	87	88	96	90	76	118	91	75	78	102	94	86	89	99	86	100	96	115	106	102	88	82	92	105	97		
					68	59	51	52	39	50	58	42	48	44	-9	-0.91	-0.4	-16	3.3	4.3	60	12.4	38	32	-14	0.3	10.2	-17.7	-1.7	33.1	-13	-2	-0.14	0.90	-0.34		
															49	73	58	52	59	51	54	63	60	57	19	76	73	37	27	52	69	62	43	46	44		
OMBU230105	96199609	2	OMB200067	OMB120031	85	103	88	97	115	95	90	107	96	102	99	84	94	102	103	88	91	104	96	96	94	93	96	108	121	96	78	91	105	101	109		
					68	69	52	48	36	53	63	41	51	30	22	2.63	-0.8	25	16.4	-0.1	52	28.7	64	27	-27	-0.1	10.3	-13.8	-4.3	29.4	-20	6	1.21	0.17	0.71		
															36	73	57	48	69	52	56	58	59	38	17	76	72	36	24	48	69	60	30	31	30		
OMBU230109	96199641		HART140265	OMB110044	105	90	118	94	104	100	94	91	97	96	100	106	101	103	90	118	105	93	90	96	83	73	98	94	119	91	101	97	94	105	114		
					71	71	60	59	40	57	67	40	54	42	23	0.32	-1.7	27	9.8	9.3	84	18.5	42	26	-9	-1.2	11.3	-5.7	-4.0	26.3	-2	11	0.11	0.77	1.10		
															52	74	64	59	71	60	63	66	61	53	15	76	73	40	24	55	70	62	41	44	42		
OMBU230110	96199658	3	OMB200067	HART200055	77	105	84	93	87	74	85	112	79	99	106	81	84	107	105	84	87	106	106	125	115	125	86	99	86	95	124	112	70	90	88		
					66	68	45	46	33	50	61	42	48	38	31	2.98	0.6	33	17.5	-1.1	43	30.0	103	96	-62	1.7	4.7	-8.6	1.8	28.9	16	25	-2.29	-1.49	-1.07		
															40	72	54	46	68	45	53	58	58	52	18	75	71	32	21	45	68	60	36	39	36		
OMBU230118	96199724	1	OMB200067	OMB130127	112	94	104	99	95	97	95	109	99	100	96	114	101	99	94	104	98	96	108	109	120	114	97	101	91	100	121	116	98	100	100		
					67	68	50	47	33	51	62	39	49	26	18	-0.53	-1.7	21	11.8	4.9	69	21.3	111	58	-70	1.1	11.0	-9.7	1.0	31.8	14	28	0.45	0.08	-0.02		
															32	72	56	47	68	50	55	60	58	41	13	76	72	32	20	47	69	60	25	28	25		
OMBU230123	96199773	2	OMB200043	OMB180085	98	114	87	89	104	105	106	106	105	107	110	96	108	111	114	87	96	109	103	86	103	71	106	98	104	110	120	113	109	101	117		
					66	67	51	49	34	51	62	38	48	28	37	1.35	-2.6	39	22.4	-0.2	64	33.1	92	3	-41	-1.3	16.5	-8.1	-1.2	37.7	13	26	1.59	0.16	1.39		
															46	71	56	49	67	51	56	60	57	43	11	75	71	32	22	47	67	59	26	29	27		
OMBU230124	96199781	2	ERH 130044	OMB200077	79	106	108	100	109	103	103	93	100	94	98	73	84	98	106	106	108	114	102	96	81	98	83	101	97	112	108	111	97	108	94	113	
					70	69	57	58	43	56	65	40	53	44	21	3.78	0.5	18	18.2	6.1	107	26.7	65	-10	-33	-0.6	13.5	-7.3	-2.7	36.5	6	11	1.48	-0.85	1.01		
															57	73	62	58	69	57	61	66	62	55	14	76	73	45	28	56	70	63	42	45	42		
OMBU230125	96199799	1	AG 150078	OMB170064	97	100	96	102	79	85	95	89	83	87	95	101	90	97	100	96	98	96	91	84	98	108	119	90	78	99	94	96	103	86	87		
					70	71	60	59	41	57	67	43	54	38	17	0.89	-0.2	17	15.1	2.4	69	21.5	45	-4	-34	0.8	24.1	-3.2	3.4	31.0	-8	10	0.98	-2.19	-1.19		
															57	74	63	59	71	60	63	66	61	58	19	76	74	43	25	56	70	63	35	40	36		
OMBU230128	96199823	2	HART140265	JS 130204	91	101	97	106	97	94	97	101	94	95	94	90	93	93	101	97	102	99	98	103	92	85	99	86	112	95	105	95	93	102	112		
					71	72	60	57	40	57	68	42	54	44	15	2.00	-0.6	11	15.4	2.8	79	23.9	70	43	-24	-0.5	12.0	-1.2	-2.7	28.6	1	9	-0.01	0.31	0.96		
															49	75	63	57	72	60	63	66	61	58	19	76	73	40	26	54	69	62	43	46	44		
OMBU230129	96199831	2	AG 150078	OMB150056	98	104	106	96	83	95	104	97	94	96	101	98	100	102	104	106	108	102	95	93	103	104	112	79	88	107	119	109	111	84	88		
					70	71	60	59	42	57	67	43	54	38	24	1.21	-1.5	26	17.2	5.6	92	26.4	59	18	-41	0.5	20.2	2.7	1.5	35.8	12	22	1.83	-2.44	-1.07		
															57	74	63	59	71	60	63	68	61	58	19	76	74	43	26	56	70	63	36	41	37		
OMBU230133	96308754	1	HART140265	OMB120092	83	110	128	85	104	113	114	105	112	114	114	85	92	114	110	128	124	113	108	103	101	108	100	98	110	100	124	121	104	102	124		
					70	71	60	58	41	57	67	44	54	44	42	2.51	-0.6	42	20.5	12.3	132	36.3	109	43	-38	0.7	12.5	-7.9	-2.3	31.8	16	33	1.11	0.31	2.01		
															52	74	63	58	71	60	63	67	61	57	20	76	74	43	26	54	70	62	43	46	43		
OMBU230135	96308770	1	HART140265	OMB120062	73	106	117	91	98	96	101	103	96	106	109	81	75	108	106	117	115	109	101	105	96	96	86	94	107	95	122	113	101	106	122		
					71	71	60	58	41	57	67	42	54	46	36	3.00	1.7	34	18.0	9.1	110	32.9	84	49	-30	0.1	4.7	-5.5	-1.8	28.9	15	25	0.75	1.06	1.80		
															53	74	63	58	71	60	63	67	61	56	19	76	73	42	27	54	70	62	45	48	45		

Breeding Values and Accuracies: Bulls

Inbreeding in red is high

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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 Thicken	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
OMBU230137	96308796	2	OMBU200046	OMBU150083	102	108	103	98	89	103	110	91	100	104	99	102	102	100	108	103	110	105	92	103	99	111	95	89	92	100	105	108	109	98	104		
					67	67	50	46	32	51	61	38	48	27	23	0.79	-1.9	23	19.2	4.7	97	29.7	50	43	-35	0.9	9.8	-3.0	0.9	31.9	1	20	1.57	-0.32	0.28		
															40	72	55	46	67	50	54	60	56	36	12	74	70	31	19	46	67	57	26	28	26		
OMBU230143	96308853	1	HART140265	ERH 110062	91	105	104	81	122	106	99	111	107	110	121	89	107	122	105	104	97	111	100	110	87	77	92	102	138	94	82	94	107	103	121		
					72	72	61	59	43	58	68	45	55	50	51	2.08	-2.6	54	17.5	4.9	65	34.9	78	59	-15	-1.0	8.0	-10.3	-7.3	28.2	-17	8	1.38	0.57	1.73		
															50	76	65	59	72	61	64	66	64	55	21	77	74	45	28	56	72	65	49	52	49		
OMBU230144	96308861	2	HART170114	OMBU190110	107	88	109	118	93	96	94	105	97	102	86	111	86	84	88	109	105	97	100	117	106	130	112	101	86	108	110	99	102	110	101		
					68	69	53	52	38	54	64	42	52	44	5	-0.17	0.3	-1	8.3	6.5	86	22.1	80	77	-47	2.0	19.7	-9.7	1.9	36.7	4	13	0.89	1.70	0.00		
															50	73	58	52	69	53	58	64	60	55	19	75	72	39	25	50	69	62	42	46	43		
OMBU230148	96308895	2	AG 130399	OMBU150097	98	104	98	113	102	107	106	93	104	97	80	102	82	86	104	98	111	97	94	86	96	115	98	104	104	101	102	97	94	109	122		
					72	72	61	58	44	58	68	38	54	26	-3	0.80	0.9	2	17.2	3.2	99	22.7	56	3	-31	1.1	11.4	-11.2	-1.2	32.5	-1	11	0.05	1.46	1.77		
															53	75	64	58	72	61	64	68	57	58	14	75	74	45	28	58	68	60	25	28	25		
OMBU230151	96308929	2	AG 150078	OMBU140145	93	103	92	91	73	77	91	96	78	99	110	97	92	109	103	92	91	103	88	98	93	116	115	79	79	99	99	98	98	98	83	95	
					70	71	60	58	40	57	67	42	54	36	37	1.25	-0.5	36	16.5	1.2	52	27.7	35	31	-25	1.2	21.9	3.2	3.2	31.5	-4	12	0.51	-2.56	-0.48		
															55	74	63	58	71	60	63	66	62	59	17	76	74	41	25	55	71	63	33	38	34		
OMBU230156	96308978	1	OMBU200067	OMBU110026	102	90	88	108	97	83	83	89	82	87	87	99	104	91	90	88	84	90	91	106	97	106	91	104	96	94	92	93	85	95	95		
					67	67	50	46	29	50	61	37	47	24	6	1.05	-2.1	9	9.4	-0.1	34	16.3	44	49	-31	0.6	7.4	-11.5	0.1	28.2	-9	7	-0.79	-0.67	-0.44		
															29	72	55	46	67	50	54	58	57	38	10	75	71	26	16	46	68	58	22	25	22		
OMBU230157	6020239809		OMBU180082		89	98	94	104	103	90	89			86	93	91	86	95	98	94	95	95	88	91	87	95	93	106	118	74	104	91	77	99	111		
					59	37	34	36	25	35	40			20	14	1.96	0.2	14	13.7	1.8	62	20.9	32	13	-16	0.0	8.8	-12.5	-3.8	16.2	0	5	-1.62	-0.13	0.91		
															27	65	45	36	37	34	36	36	26	30	11	28	29	25	18	33	28	27	20	21	20		
OMBU230158	96308986	1	HART140265	OMBU120072	82	100	122	93	97	97	101	101	97	101	104	85	88	105	100	122	116	103	106	107	107	88	85	92	103	98	124	116	99	108	114		
					70	71	59	58	41	57	67	43	54	46	29	2.57	0.0	30	15.1	10.6	112	27.7	101	52	-48	-0.4	4.0	-4.8	-1.2	30.6	16	28	0.61	1.40	1.16		
															51	74	63	58	71	59	63	66	62	58	19	76	74	41	26	56	70	63	44	47	44		
OMBU230159	96308994	1	OMBU200046	OMBU170136	112	94	96	102	93	93	92	89	91	95	95	115	99	97	94	96	93	93	90	98	101	99	106	91	95	105	108	104	97	94	101		
					67	68	51	47	32	51	62	36	48	23	16	-0.57	-1.4	17	11.8	2.5	56	18.5	41	32	-39	0.3	16.6	-3.7	0.3	34.6	4	17	0.37	-0.83	0.01		
															43	72	55	47	68	51	55	60	57	36	9	75	71	31	19	46	68	59	22	24	22		
OMBU230166	96309067	1	HART140265	OMBU130110	102	95	122	88	101	102	98	93	99	95	108	101	107	111	95	122	107	97	90	105	87	75	79	86	115	97	106	96	102	98	113		
					70	71	60	58	39	56	67	42	53	44	34	0.85	-2.5	39	12.2	10.4	91	22.0	41	48	-15	-1.0	0.3	-1.0	-3.3	29.8	2	10	0.92	-0.30	1.03		
															49	74	63	58	71	60	63	66	62	55	16	76	73	40	23	54	70	63	43	46	44		
OMBU230168	96309083	1	OMBU200067	OMBU140050	133	88	85	105	91	93	88	101	93	99	91	132	118	94	88	85	79	92	92	102	94	115	96	88	98	99	94	92	89	104	106		
					67	67	50	47	34	51	61	37	48	28	11	-2.41	-4.0	13	8.6	-0.8	22	18.1	49	41	-27	1.1	10.2	-2.4	-0.3	31.3	-8	7	-0.38	0.68	0.42		
															41	72	55	47	67	50	55	59	58	42	10	75	71	33	21	47	68	59	26	29	26		
OMBU230173	96309133	2	OMBU200046	OMBU140110	106	96	98	106	101	99	96	89	96	92	91	104	104	93	96	98	98	96	90	109	100	106	110	92	108	103	89	90	86	102	106		
					67	68	51	47	35	52	62	40	50	30	12	0.55	-2.1	11	12.9	3.1	70	21.5	42	56	-36	0.7	18.5	-4.5	-2.0	33.7	-12	5	-0.71	0.37	0.47		
															40	72	56	47	68	51	55	62	58	44	14	75	72	35	22	47	68	60	29	31	29		

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	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
OMBU230174	96309141	2	AG 130399		OMBU150090		106	97	104	106	101	104	100	90	100	92	89	107	96	92	97	104	105	96	90	95	89	95	88	97	105	105	96	94	97	106	124
							72	72	61	59	44	58	68	40	54	30	9	0.20	-1.0	10	13.5	4.9	86	21.8	40	23	-19	0.0	5.9	-7.4	-1.5	34.7	-7	9	0.36	0.98	1.95
																	54	75	64	59	72	61	64	68	58	57	15	75	74	45	28	59	69	60	28	31	28
OMBU240037	98596349	7	OMBU200030		OMBU210145		132	94	100	102	114	117	102	99	114	106	97	128	124	96	94	100	96	95	95	78	89	104	90	107	103	121	96	96	96	122	127
							66	68	49	48	35	51	62	30	47	29	19	-1.97	-4.8	16	11.8	3.7	65	21.0	59	-17	-18	0.6	6.9	-13.2	-1.1	44.4	-7	10	0.25	3.57	2.21
																	44	72	55	48	68	49	55	68	45	88	13	51	71	35	22	49	49	45	28	30	28
OMBU240038	98596356	1	OMBU200030		OMBU210115		100	117	111	91	94	117	123	107	115	112	112	98	107	108	117	111	120	112	108	82	108	104	110	89	89	115	117	119	101	110	113
							66	67	47	47	32	50	61	38	48	23	40	1.23	-2.5	33	23.9	6.9	120	35.7	109	-7	-50	0.6	18.8	-3.0	1.4	40.8	10	31	0.75	1.69	1.06
																	44	72	54	47	67	47	54	62	56	49	13	74	71	32	20	45	67	58	22	24	22
OMBU240040	98596372	2	AG 130399		OMBU220064		115	95	101	108	105	108	101	83	102	83	88	114	106	90	95	101	102	93	88	96	86	105	103	105	104	104	87	88	92	92	110
							69	70	56	57	40	55	66	28	50	28	8	-0.46	-2.4	7	12.3	4.1	78	19.0	34	26	-13	0.6	14.6	-12.2	-1.3	34.4	-13	3	-0.12	-1.19	0.78
																	52	73	61	57	70	56	61	71	40	89	13	48	73	41	24	56	48	45	27	29	27
OMBU240042	98596398	1	HART170114		OMBU200107		75	109	117	88	101	101	105	112	103	114	115	80	82	111	109	117	116	115	99	109	96	119	103	99	102	105	109	103	115	115	108
							68	68	50	51	38	53	63	41	51	42	44	3.03	0.9	38	20.0	8.9	112	38.3	74	57	-31	1.4	14.6	-8.3	-0.9	34.8	4	16	2.18	2.37	0.63
																	47	73	58	51	68	50	56	64	59	50	17	75	72	38	25	50	69	61	41	44	41
OMBU240043	98596406	1	OMBU200030		OMBU220043		104	117	104	84	96	114	119	108	113	115	115	103	111	118	117	104	109	113	101	91	95	114	81	91	95	112	115	113	99	121	120
							66	67	46	47	34	50	60	38	48	30	43	0.67	-3.0	48	23.9	4.9	94	36.9	85	13	-29	1.1	1.2	-3.7	0.4	38.9	9	25	0.60	3.31	1.62
																	43	72	54	47	67	46	53	62	58	50	13	75	71	34	21	46	68	59	29	31	29
OMBU240044	98596414	4	OMBU200030		OMBU220083		119	96	111	102	107	115	106	106	114	105	93	118	111	95	96	111	108	99	104	109	102	109	107	102	101	114	105	103	90	126	121
							66	68	47	47	34	51	61	30	47	30	14	-0.88	-3.0	15	13.0	7.0	93	23.7	95	57	-41	0.8	17.2	-10.3	-0.7	40.1	1	17	-0.32	4.14	1.76
																	43	72	54	47	68	47	54	68	44	88	14	51	71	34	20	48	48	45	28	31	29
OMBU240046	98596430		OMBU220013				91	97	101	101	103	93	92			82	98	93	90	97	97	101	100	93	82	99	83	97	97	99	112	90	100	93	89	82	94
							58	58	36	37	24	42	51			18	21	1.70	-0.2	18	13.5	4.1	73	18.5	11	34	-9	0.1	11.1	-8.4	-2.7	25.6	-4	7	-0.43	-2.81	-0.57
																	35	64	45	37	58	36	44	62	25	88	8	29	66	24	12	35	28	26	17	20	18
OMBU240047	98596448	2	AG 130399		OMBU220012		106	91	105	111	92	94	94	81	90	81	85	111	86	88	91	105	103	92	84	99	93	104	103	100	94	99	95	92	101	99	106
							69	69	56	57	42	55	65	29	50	26	3	-0.15	0.3	4	10.1	5.4	81	18.0	18	33	-25	0.5	14.5	-9.0	0.6	31.0	-7	6	0.76	-0.12	0.46
																	52	73	62	57	69	56	61	72	41	89	14	49	73	43	25	57	48	45	25	28	25
OMBU240048	98596455	1	AG 130399		OMBU220053		101	83	110	130	109	101	91	85	96	84	74	107	72	74	83	110	108	85	83	97	86	105	94	114	108	100	89	82	92	107	108
							69	69	55	56	41	55	65	29	50	28	-12	0.29	2.2	-16	5.8	6.8	93	11.2	15	29	-14	0.6	9.0	-16.8	-2.0	32.0	-12	-2	-0.08	1.22	0.63
																	51	73	61	56	69	55	60	60	41	55	14	49	56	42	25	55	48	45	27	29	27
OMBU240049	98596463	1	OMBU200030		OMBU220055		118	97	111	97	109	115	104	107	114	110	99	118	110	100	97	111	106	99	101	98	97	106	92	102	105	114	114	109	91	125	123
							66	67	46	46	33	50	60	30	46	28	22	-0.95	-2.9	23	13.2	6.9	87	23.9	82	32	-31	0.7	8.2	-10.4	-1.5	40.3	8	21	-0.22	3.95	1.92
																	43	72	54	46	67	46	53	68	44	88	13	51	71	33	20	47	48	45	27	29	27
OMBU240050	98596471	7	OMBU200030		OMBU220048		116	103	99	99	104	112	107	107	111	110	97	115	112	99	103	99	102	103	98	102	93	108	85	95	101	116	106	101	88	128	127
							66	68	48	47	34	51	61	30	47	30	20	-0.59	-3.2	21	16.3	3.5	79	27.8	73	41	-25	0.8	3.6	-6.0	-0.8	41.7	2	15	-0.49	4.46	2.22
																	44	72	54	47	68	48	54	68	44	88	14	50	71	34	21	47	48	45	29	31	29

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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	
OMBU240051	98596489	2	AG 130399		OMB	U210114	87	114	113	93	95	109	116	102	108	107	108	90	89	106	114	113	120	110	100	97	101	95	105	94	100	99	107	109	111	100	131	
							69	69	56	57	41	55	65	38	52	24	34	2.00	-0.2	30	22.4	7.7	123	34.0	78	28	-38	0.1	15.5	-5.9	-0.6	31.4	3	22	1.75	0.06	2.54	
																	53	73	61	57	69	56	61	66	55	55	14	74	72	43	26	55	67	58	23	26	23	
OMBU240052	98596497	3	AG 130399		OMB	U210156	88	112	103	91	103	106	107	90	102	90	106	95	84	108	112	103	109	104	92	94	96	97	103	106	103	103	97	92	91	94	121	
							69	69	57	58	43	56	65	30	51	28	32	1.50	0.6	34	21.5	4.5	94	29.0	50	20	-30	0.2	14.9	-12.3	-1.2	33.8	-6	7	-0.20	-0.96	1.73	
																	52	73	62	58	69	57	61	71	42	89	15	49	73	44	27	58	48	45	26	29	27	
OMBU240053	98596505	1	OMB		U200030	OMB	U210112	99	113	113	88	89	109	118	112	110	115	112	98	107	112	113	113	116	110	106	97	106	102	97	84	87	112	126	117	101	124	119
							66	67	47	47	33	50	61	38	48	22	40	1.20	-2.5	39	22.0	7.8	112	33.8	103	28	-47	0.4	11.0	-0.1	1.8	39.3	18	29	0.80	3.81	1.58	
																	43	72	54	47	67	47	54	61	56	49	12	74	71	32	20	46	67	58	21	23	21	
OMBU240055	98596521	7	OMB		U200030	OMB	U220080	118	105	99	96	109	117	111	99	114	105	101	114	120	102	105	99	103	102	99	96	93	103	95	107	100	113	98	101	94	122	124
							66	68	47	47	34	51	61	38	48	28	25	-0.48	-4.3	26	17.9	3.3	80	27.0	76	27	-24	0.5	10.1	-13.3	-0.6	39.9	-5	14	0.10	3.61	1.96	
																	43	72	55	47	68	47	54	62	58	50	13	75	71	34	22	47	68	59	27	30	28	
OMBU240061	98596588	7	OMB		U210066	OMB	U210022	81	116	94	88	107	103	106	110	104	108	112	76	98	113	116	94	103	112	101	100	101	82	113	90	117	103	113	108	91	107	111
							65	65	46	46	31	49	59	36	46	26	39	3.53	-1.2	41	23.7	1.9	81	36.0	82	36	-39	-0.7	20.3	-3.6	-3.6	33.7	7	20	-0.22	1.13	0.88	
																	43	70	53	46	65	46	52	59	54	51	11	73	70	29	19	44	65	55	25	27	25	
OMBU240063	98596604	1	OMB		U200030	OMB	U210169	110	110	105	94	101	117	116	103	115	106	101	106	115	104	110	105	111	105	102	79	103	103	110	100	95	113	109	108	99	113	110
							66	68	48	47	33	51	61	38	48	26	24	0.34	-3.6	28	20.4	5.3	100	29.3	86	-15	-41	0.5	18.9	-9.3	0.4	39.6	4	20	0.61	2.18	0.80	
																	44	72	54	47	68	48	54	62	57	50	13	75	71	33	20	46	68	59	25	28	25	
OMBU240068	98596661	1	HART		190204	OMB	U190082	128	110	87	82	105	115	111	125	118	123	122	123	131	121	110	87	88	114	116	106	119	102	108	99	104	107	107	118	122	118	112
							68	60	51	51	37	50	58	37	47	36	53	-1.44	-5.8	54	20.3	-0.4	44	37.3	141	49	-68	0.5	17.3	-8.3	-1.2	36.1	2	29	2.91	2.89	1.00	
																	50	73	58	51	60	51	54	58	47	54	24	55	55	39	25	47	53	50	35	38	35	
OMBU240070	98596687	3	OMB		U200030	OMB	U220025	108	101	106	105	109	115	108	106	114	110	94	108	101	93	101	106	111	103	100	87	98	117	99	106	102	115	104	99	94	127	115
							66	67	45	45	33	50	60	30	46	28	15	0.11	-1.7	11	15.7	5.7	101	27.2	78	3	-33	1.3	12.1	-12.5	-0.9	40.6	0	12	0.04	4.35	1.17	
																	41	72	53	45	67	45	52	69	43	88	13	50	71	33	20	47	47	44	27	29	27	
OMBU240072	98596703	1	HART		190204	OMB	U180134	104	118	91	87	111	118	115	107	116	114	115	101	125	114	118	91	101	116	117	107	121	103	126	103	106	114	108	121	119	119	112
							68	70	54	52	38	54	65	44	52	40	43	0.85	-5.0	43	24.6	1.0	77	39.4	143	53	-71	0.5	28.0	-10.7	-1.7	40.2	3	33	2.58	3.06	0.93	
																	51	73	59	52	70	54	59	64	61	56	23	76	73	40	25	49	70	63	38	41	38	
OMBU240080	98596752	3	HART		190204	OMB	U190017	105	115	86	93	102	110	111	111	110	111	106	103	125	107	115	86	99	113	109	99	114	99	110	97	99	112	100	107	105	125	109
							68	70	54	52	39	54	65	46	52	39	31	0.70	-4.9	32	22.9	-0.5	70	37.0	115	34	-60	0.3	19.0	-7.6	-0.5	38.8	-3	20	1.20	3.99	0.67	
																	51	73	59	52	70	54	59	65	60	58	25	76	73	41	27	50	70	62	37	41	38	
OMBU240085	98596794	3	HART		190204	OMB	U180135	127	107	83	94	106	114	107	122	116	122	103	124	134	106	107	83	90	111	112	110	113	109	95	95	104	115	106	116	115	130	123
							69	70	54	52	40	55	65	38	52	40	28	-1.57	-6.1	30	18.7	-1.4	48	34.8	123	61	-58	0.8	9.5	-6.5	-1.2	40.8	2	28	2.23	4.87	1.93	
																	51	74	59	52	70	54	59	70	50	88	25	56	73	41	28	52	55	52	39	42	39	
OMBU240088	98596810	1	HART		190204	OMB	U180113	100	117	96	83	111	115	115	122	118	123	117	96	121	119	117	96	102	119	114	113	113	102	103	103	107	110	123	128	123	117	114
							68	70	54	52	36	54	64	44	52	40	47	1.42	-4.3	50	23.9	2.6	78	42.3	131	66	-57	0.4	14.8	-10.8	-1.9	38.0	15	38	3.02	2.82	1.14	
																	50	73	58	52	70	54	59	64	60	57	23	76	72	36	24	48	69	62	38	41	38	

Breeding Values and Accuracies: Bulls

Inbreeding in red is high

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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																															
OMBU240095	98596877	4	OMBU200030 OMBU220049	112	99	115	95	99	110	107	105	109	110	103	112	108	103	99	115	110	100	100	88	93	109	89	96	93	115	106	105	94	125	121		
				66	67	46	46	33	50	60	30	46	30	28	-0.23	-2.6	26	14.6	8.2	98	25.0	78	7	-25	0.8	6.4	-6.7	0.6	40.7	2	18	0.07	3.94	1.75		
														43	72	54	46	67	46	53	68	43	88	14	50	71	33	20	47	47	44	28	31	28		
OMBU240099	98596919	2	HART190204 OMBU190047	102	114	88	91	110	112	109	117	114	120	104	98	113	109	114	88	98	114	112	97	112	111	118	100	111	110	105	112	109	131	118		
				68	70	54	52	39	54	65	38	51	38	29	1.15	-3.3	35	22.6	0.0	69	37.3	124	28	-57	0.9	23.2	-9.2	-2.4	37.6	1	25	1.54	4.97	1.44		
														50	73	59	52	70	54	59	70	49	88	24	56	72	40	26	52	54	51	37	40	37		
OMBU240104	98596943	1	HART200020 OMBU180010	124	94	102	98	87	98	99	107	99	101	100	122	118	100	94	102	96	98	104	104	102	113	110	86	86	106	112	106	95	100	101		
				69	61	52	49	35	50	59	34	47	40	23	-1.30	-3.9	23	12.0	4.2	64	23.1	94	46	-40	1.0	18.8	-0.9	2.0	35.8	6	19	0.16	0.12	0.00		
														47	74	57	49	61	52	54	58	45	57	20	53	55	33	22	49	52	49	38	42	38		
OMBU240106	98810955	7	HART110186 OMBU140099	92	109	118	93	100	112	114	121	115	121	109	94	93	105	109	118	121	112	107	96	103	107	96	90	108	104	118	107	80	111	144		
				71	71	61	59	43	58	68	39	54	47	36	1.59	-0.7	29	20.0	9.1	123	35.4	107	26	-41	0.7	10.5	-3.2	-1.9	34.3	11	20	-1.29	1.77	3.65		
														55	74	64	59	71	61	64	72	50	89	25	56	73	43	28	58	54	51	46	48	46		
OMBU240107	98596968	1	CEF 160394 OMBU170069	90	98	92	102	117	97	89	99	97	91	90	89	93	97	98	92	93	102	104	112	111	97	130	110	115	105	105	91	78	93	109		
				70	71	59	58	43	57	67	40	54	49	11	2.12	-0.7	18	14.1	1.4	58	26.7	94	64	-54	0.2	30.9	-14.6	-3.3	34.8	1	5	-1.48	-1.07	0.69		
														55	74	63	58	71	59	63	72	52	89	26	56	73	45	27	56	55	53	48	50	48		
OMBU240118	98597073	1	OMBU200029 OMBU210046	101	109	92	88	95	98	101	102	98	103	111	101	104	114	109	92	94	105	103	98	111	99	123	97	98	99	113	110	93	104	105		
				66	65	45	46	33	49	59	38	47	26	38	0.82	-2.2	42	19.8	1.1	60	29.2	91	32	-54	0.3	26.2	-7.4	-0.2	31.3	7	23	-0.03	0.61	0.36		
														41	71	54	46	65	45	52	60	56	41	12	74	70	33	21	45	67	57	25	27	25		
OMBU240122	98597115	2	HART140265 OMBU190101	85	110	121	85	98	105	110	107	106	112	119	86	95	116	110	121	117	111	106	83	98	85	95	80	112	102	118	114	110	102	118		
				69	70	56	57	40	55	66	34	51	44	48	2.41	-1.0	45	20.1	10.0	114	35.1	103	-4	-33	-0.5	9.9	2.2	-2.6	33.3	11	26	1.64	0.36	1.49		
														55	73	61	57	70	56	61	72	49	89	17	53	73	42	25	53	51	49	43	45	43		
OMBU240123	98597123	1	CEF 160394 OMBU150056	94	105	91	96	115	103	97	102	102	101	97	91	104	103	105	91	96	107	101	96	100	107	106	103	112	114	114	98	89	99	111		
				71	72	61	59	43	58	68	42	55	50	20	1.94	-2.1	27	17.6	1.1	63	31.3	82	26	-37	0.7	16.4	-10.6	-2.8	40.1	8	12	-0.44	-0.06	0.87		
														56	74	64	59	72	61	64	73	53	89	28	58	74	45	28	57	57	54	49	51	49		
OMBU240125	98597131	2	CEF 160394 OMBU120031	89	102	81	101	124	98	89	103	98	95	95	84	102	98	102	81	87	103	103	96	99	88	124	114	128	97	88	83	86	97	117		
				72	72	62	59	45	59	68	50	57	53	17	2.68	-1.9	19	16.2	-2.2	41	27.6	89	27	-36	-0.3	26.8	-16.9	-5.5	30.1	-13	-2	-0.74	-0.37	1.35		
														51	75	65	59	72	62	64	66	64	56	30	77	74	48	31	57	72	65	52	54	52		
OMBU240126	98597149	1	HART130240 OMBU180057	94	114	102	85	77	95	111	109	97	107	119	95	102	116	114	102	106	114	110	118	112	102	108	72	89	102	120	114	107	95	114		
				69	70	57	57	42	56	66	34	52	40	49	1.51	-1.8	46	22.4	4.4	87	37.4	118	80	-56	0.5	17.5	6.7	1.3	32.8	13	26	1.38	-0.71	1.10		
														49	73	62	57	70	57	61	72	47	89	18	53	72	43	27	57	51	48	39	42	39		
OMBU240130	98810849	2	NFS 180147 JS 130204	107	99	74	111	99	91	91	108	93	110	92	105	102	89	99	74	82	102	106	81	104	106	100	97	102	102	107	108	96	107	105		
				71	71	57	54	38	56	66	48	54	46	13	0.41	-1.8	6	14.5	-4.2	29	26.7	101	-9	-43	0.6	12.7	-7.6	-0.9	33.1	3	21	0.25	1.16	0.39		
														46	75	61	54	71	57	61	71	48	89	45	54	73	39	23	53	52	49	45	47	45		
OMBU240135	98810856	1	NFS 180147 OMBU130127	95	110	108	86	95	103	108	117	106	119	115	95	102	114	110	108	107	115	116	108	121	108	118	101	93	101	115	124	109	108	105		
				70	71	57	55	39	56	66	56	56	48	44	1.48	-1.8	43	20.1	6.1	91	38.3	141	56	-71	0.8	23.5	-9.6	0.6	32.4	9	35	1.55	1.36	0.40		
														46	74	62	55	71	57	61	64	61	51	45	76	73	42	23	53	70	63	47	49	47		

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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
OMBU240139	98597248	1	HART140265	OMB140124	82	137	117	66	108	132	145	124	133	125	141	61	106	143	137	117	121	133	110	103	106	84	89	93	122	100	141	132	128	102	120
					70	71	60	58	41	57	67	44	54	46	79	5.00	-2.3	86	34.7	8.9	124	54.6	115	43	-47	-0.6	6.2	-5.1	-4.4	31.6	30	42	3.45	0.37	1.61
															52	74	63	58	71	60	63	66	62	57	20	76	73	43	26	55	70	63	45	48	46
OMBU240143	98597289	2	HART140265	OMB160072	97	95	112	91	101	95	92	100	95	98	106	100	96	108	95	112	101	101	102	106	97	93	96	90	110	104	102	100	85	110	115
					70	71	59	58	40	56	67	36	52	46	32	1.02	-1.0	33	12.1	7.3	76	25.6	87	50	-32	-0.1	10.5	-3.4	-2.3	34.4	-2	13	-0.78	1.70	1.19
															56	74	63	58	71	59	63	72	51	89	17	57	73	42	25	54	55	52	45	48	45
OMBU240145	98597305	1	HART140265	OMB190066	76	114	113	88	97	103	111	105	103	109	112	72	84	111	114	113	117	116	100	111	94	87	87	83	112	98	114	111	109	103	117
					69	70	56	57	40	55	66	34	51	44	40	3.85	0.6	39	22.6	7.6	114	39.7	80	63	-27	-0.4	5.3	0.6	-2.7	30.7	8	23	1.59	0.48	1.40
															55	73	61	57	70	56	61	72	49	89	16	53	72	42	24	53	52	49	42	45	42
OMBU240146	98597313	1	HART170114	OMB200130	72	110	112	95	107	103	104	104	102	105	106	75	71	103	110	112	117	111	97	105	98	118	86	102	112	101	114	99	100	106	97
					68	69	51	52	37	53	63	43	51	42	31	3.58	2.3	27	20.1	7.3	114	34.9	67	47	-34	1.3	4.4	-10.2	-2.8	32.2	8	13	0.67	0.96	-0.35
															49	73	58	52	69	51	57	64	60	50	20	76	72	37	25	50	69	61	41	43	41
OMBU240150	98597354	1	HART140265	OMB200015	76	107	114	93	100	99	103	102	98	102	106	78	83	105	107	114	115	106	100	96	96	75	84	86	111	101	120	109	107	100	113
					69	70	57	57	38	55	66	42	52	44	31	3.22	0.7	30	18.8	8.1	111	30.5	80	27	-30	-1.0	3.2	-1.0	-2.5	32.7	13	21	1.42	0.01	1.05
															56	73	61	57	70	57	61	64	61	55	17	75	73	39	24	52	69	62	43	45	43
OMBU240155	98597404	1	HART140265	OMB190011	101	106	118	91	98	111	112	101	109	106	108	100	105	107	106	118	116	107	99	88	88	91	87	82	111	104	110	104	97	106	123
					70	70	59	58	42	57	66	36	53	46	34	1.00	-2.3	33	18.1	9.2	112	31.6	75	7	-17	-0.2	5.0	1.3	-2.5	34.3	5	17	0.40	0.97	1.90
															57	74	63	58	70	59	62	72	51	89	18	55	73	43	27	55	54	52	44	47	44
OMBU240166	98597503	1	HART170114	OMB210003	83	99	112	104	106	99	98	101	99	99	95	86	80	93	99	112	113	103	96	118	105	111	94	101	108	106	111	101	100	108	96
					68	69	51	52	38	53	63	34	49	44	17	2.45	1.1	12	14.4	7.3	106	27.6	64	80	-45	0.9	9.1	-9.5	-1.9	35.6	6	15	0.66	1.35	-0.40
															49	73	58	52	69	51	57	71	47	89	17	53	72	38	25	51	51	48	43	46	43
OMBU240169	98810864	1	NFS 180147	OMB190117	135	88	98	106	94	102	95	113	104	111	95	133	123	92	88	98	90	100	116	112	122	105	116	94	92	108	116	121	102	108	108
					69	69	54	54	38	54	64	48	53	46	17	-2.46	-4.6	11	8.3	3.0	50	25.0	139	64	-73	0.6	22.6	-5.9	0.8	36.5	10	32	0.91	1.39	0.60
															52	73	60	54	69	54	59	70	48	89	44	54	73	41	22	51	52	49	45	47	45
OMBU240171	98597545	2	HART190204	OMB200023	118	101	82	104	104	104	99	109	104	106	95	113	120	95	101	82	87	106	112	110	112	104	120	104	100	108	87	104	104	115	106
					68	69	51	51	39	53	63	38	50	40	16	-0.41	-4.3	14	15.4	-1.9	43	30.6	124	61	-56	0.5	24.8	-11.2	-0.6	36.5	-13	17	1.08	2.36	0.45
															50	73	58	51	69	51	57	70	49	89	25	56	73	38	27	52	54	51	38	42	39
OMBU240173	98597560	2	HART140265	OMB160071	95	99	123	96	91	101	104	96	99	98	105	99	89	101	99	123	118	105	94	97	90	88	84	92	90	104	104	98	100	103	115
					70	71	59	58	42	57	67	38	53	47	30	1.04	-0.1	23	14.3	10.8	117	29.6	57	29	-20	-0.3	3.3	-4.6	1.2	34.4	0	12	0.69	0.59	1.19
															56	74	63	58	71	59	63	72	52	89	20	58	74	43	26	56	56	53	45	49	46
OMBU240175	98597586	1	HART170114	OMB210001	107	98	111	115	97	109	109	85	104	97	90	108	93	85	98	111	117	98	89	91	87	126	120	102	95	104	84	86	103	101	88
					68	69	52	52	39	54	64	43	52	45	10	0.10	-0.7	0	13.7	7.2	115	23.5	37	14	-15	1.8	24.6	-10.1	0.3	34.2	-16	2	0.98	0.16	-1.11
															50	73	58	52	69	52	58	64	61	54	20	76	73	39	26	51	70	62	43	47	43
OMBU240176	98597594	1	HART200020	OMB120062	96	98	94	109	95	92	94	101	92	93	89	97	90	90	98	94	98	100	104	94	102	112	118	97	95	102	108	102	86	95	108
					69	71	56	50	36	54	65	33	50	40	9	1.26	-0.3	7	13.7	1.9	69	24.6	96	21	-40	1.0	23.2	-7.1	0.3	33.1	3	16	-0.73	-0.80	0.59
															43	74	58	50	71	56	59	71	45	86	18	54	72	33	23	52	53	49	38	41	38

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
OMBU240179	98810898	1	NFS 180147 OMBU110032		104 71	101 71	93 59	93 56	108 38	99 56	93 67	115 48	102 54	116 44	104 29 49	106 0.34 75	100 -1.6 63	107 33 56	101 15.2 71	93 1.6 59	91 52 62	106 30.7 70	115 136 49	98 32 87	117 -65 43	106 0.7 56	111 19.6 73	108 -13.5 40	108 -2.0 20	101 32.5 55	125 17 53	127 37 50	105 1.20 43	114 2.29 45	109 0.73 43
OMBU240183	98597636		OMBU210053 OMBU120077		81 66	106 66	105 51	84 47	105 30	95 50	97 61	113 34	98 47	111 22	118 47 35	84 2.64 71	93 -0.6 56	118 48 47	106 18.4 66	105 5.1 51	100 74 55	105 29.7 58	107 104 104	98 31 40	104 -43 8	85 -0.5 73	102 13.8 70	103 -10.6 27	106 -1.6 16	103 33.4 46	115 9 65	113 25 55	104 1.08 21	107 1.14 23	115 1.20 21
OMBU240186	98597669	1	OMBU200029 OMBU150093		106 67	103 68	75 52	90 48	104 33	92 52	88 62	90 28	90 47	86 24	102 26 42	107 0.26 72	107 -2.5 56	111 38 48	103 16.8 68	75 -3.9 52	78 19 56	98 23.0 68	87 32 41	102 40 87	99 -36 11	78 -0.9 48	105 15.6 70	99 -8.8 30	108 -2.0 20	103 33.7 50	106 1 45	84 0 41	86 -0.74 23	99 -0.07 25	100 -0.06 23
OMBU240189	98597693	7	OMBU200030 OMBU220036		105 66	109 68	106 47	94 47	108 33	117 51	113 61	104 39	115 49	111 30	103 27 43	106 0.40 72	105 -2.2 54	104 28 47	109 19.8 68	106 5.5 47	111 100 54	107 31.6 61	104 93 58	91 14 51	98 -33 14	106 0.7 75	95 10.0 71	97 -7.6 34	107 -1.8 20	113 39.6 46	116 10 68	108 21 59	89 -0.38 29	126 4.21 31	127 2.19 29
OMBU240192	98597719	1	HART140265 OMBU140049		92 72	104 71	104 60	95 58	111 42	105 57	101 67	102 36	104 53	99 47	101 25 55	91 1.92 75	98 -1.4 64	103 27 58	104 17.1 71	104 4.9 60	105 86 63	101 25.8 71	99 75 51	94 20 88	101 -38 20	76 -1.0 55	83 2.4 73	95 -6.1 44	122 -4.5 27	101 32.3 56	116 10 54	106 19 52	108 1.47 45	94 -0.85 49	110 0.78 46
OMBU250013	98597842	1	ERH 130044 OMBU170089		95 69	101 70	128 59	93 58	96 42	107 56	109 66	90 35	103 52	102 44	107 32 55	95 1.46 73	99 -1.5 62	105 29 58	101 15.3 70	128 12.2 59	121 124 62	101 26.2 72	89 39 53	57 -67 89	83 -8 15	82 -0.7 58	96 10.4 74	94 -5.4 43	94 0.5 26	106 35.3 57	93 -9 56	93 7 53	117 2.42 42	95 -0.78 46	114 1.15 42
OMBU250024	98597933	1	HART140265 OMBU200027		88 69	115 70	117 58	80 58	97 41	110 56	118 66	113 43	111 53	117 46	119 50 57	88 2.20 73	102 -1.8 62	122 55 58	115 23.2 70	117 9.0 58	115 111 62	117 40.1 65	112 125 62	101 38 55	107 -48 18	85 -0.5 76	104 14.9 73	81 2.0 44	111 -2.6 26	101 32.7 53	134 24 71	123 34 64	103 0.94 45	111 1.77 48	129 2.39 45
OMBU250027	98597958	1	HART170114 OMBU210055		106 67	101 69	118 51	97 52	99 37	111 53	110 63	107 36	111 50	113 42	103 28 49	108 0.15 72	100 -1.6 57	100 23 52	101 15.6 69	118 9.3 51	116 113 57	105 29.6 69	104 95 47	102 40 89	105 -44 21	107 0.7 53	113 20.4 72	97 -7.3 35	103 -1.0 25	101 32.4 51	120 13 51	109 21 48	114 2.04 41	111 1.83 44	100 -0.09 42
OMBU250029	98597974	1	HART140265 OMBU160097		84 70	108 71	136 59	81 59	92 42	107 57	115 67	102 36	106 53	104 46	118 48 57	88 2.19 74	93 -0.6 63	119 51 59	108 19.1 71	136 14.8 59	125 134 63	112 35.6 72	97 70 51	109 58 89	91 -21 19	87 -0.4 57	82 2.2 73	82 1.1 44	101 -0.8 27	100 32.1 56	111 6 55	108 21 52	107 1.43 45	102 0.30 48	113 1.01 45
OMBU250030	98597982	1	ERH 130044 OMBU170034		109 70	99 71	83 60	98 59	107 44	97 57	92 67	98 34	96 52	96 43	103 28 56	104 0.55 74	115 -3.6 63	101 24 59	99 14.6 71	83 -1.6 60	84 35 63	100 25.3 72	98 71 52	118 78 89	99 -36 15	82 -0.7 55	103 14.8 73	105 -12.0 45	105 -1.5 28	107 36.2 58	100 -3 54	94 8 52	104 1.05 41	97 -0.39 45	120 1.62 42
OMBU250033	98597990	2	HART140265 OMBU130102		98 70	94 71	109 60	103 58	99 42	97 57	95 67	97 36	96 53	91 46	95 16 51	100 0.97 74	93 -0.6 63	95 51 58	94 11.7 71	109 6.6 60	105 87 63	99 23.8 72	98 70 51	111 62 89	100 -36 20	82 -0.7 56	85 4.0 73	97 -7.4 44	103 -1.1 27	100 31.6 56	107 2 54	98 11 52	94 0.10 45	103 0.51 48	112 0.95 46
OMBU250035	99788184	2	OMBU200030 OMBU220132		97 65	115 67	105 46	96 46	105 33	118 50	119 60	101 30	115 46	110 28	101 25 42	95 1.53 71	104 -2.2 53	102 25 46	115 23.2 67	105 5.2 46	117 114 53	109 32.9 55	101 84 44	89 10 50	96 -30 13	110 0.9 50	106 16.6 52	99 -8.7 32	97 -0.1 20	118 42.5 46	100 -3 48	105 18 45	100 0.67 27	115 2.41 30	116 1.30 28

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	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 Thicken	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
OMBU250036	99788192	1		OMBU200030	OMBU220099		102	108	105	97	107	114	112	102	112	110	100	99	108	102	108	105	111	106	99	91	95	104	92	102	105	109	110	106	92	124	121
							65	67	47	46	32	50	60	30	46	28	23	1.11	-2.6	25	19.5	5.2	100	30.4	77	14	-28	0.6	7.8	-10.2	-1.4	37.5	5	19	-0.09	3.80	1.72
																	41	71	54	46	67	47	53	55	43	51	13	50	52	32	19	46	47	44	27	29	27
OMBU250037	99788200	7		OMBU200030	OMBU220091		94	110	104	91	110	112	109	111	112	115	104	95	100	108	110	104	108	111	105	109	101	106	96	100	107	114	112	109	94	130	129
							65	67	46	46	34	50	60	30	46	30	29	1.50	-1.6	34	20.5	5.0	94	35.2	99	58	-38	0.6	10.1	-9.1	-1.9	40.4	6	22	0.04	4.73	2.40
																	41	71	53	46	67	46	53	55	44	51	14	51	52	34	21	46	48	45	29	31	29
OMBU250039	99788218	3		ERH 130044	OMBU190110		106	96	96	110	94	95	97	89	92	91	94	104	103	89	96	96	98	95	92	104	94	95	113	97	86	112	93	94	110	86	108
							69	70	58	58	41	56	66	34	52	43	15	0.61	-2.0	6	12.7	2.4	69	20.8	47	45	-27	0.0	20.7	-7.5	2.0	38.8	-8	8	1.64	-2.12	0.63
																	56	73	62	58	70	58	62	60	51	56	15	56	57	44	26	54	55	52	41	45	42
OMBU250041	99788234	1		OMBU200030	OMBU220104		107	96	100	103	119	109	97	97	106	101	94	103	110	95	96	100	99	97	94	94	91	98	96	113	111	114	88	89	97	119	122
							65	67	47	47	35	51	61	31	47	30	15	0.67	-2.9	14	12.6	3.7	70	22.2	55	21	-21	0.2	10.4	-16.3	-2.6	40.5	-12	4	0.41	3.09	1.84
																	42	71	54	47	67	47	54	55	45	50	14	51	52	35	22	47	49	45	29	31	29
OMBU250046	99788267	3		OMBU200030	OMBU220122		104	107	100	92	109	112	107	97	109	103	107	101	111	107	107	100	103	104	95	89	90	104	96	108	99	116	93	95	95	117	120
							65	67	46	46	33	50	60	30	46	28	33	0.83	-3.0	32	18.8	3.8	81	28.5	61	8	-21	0.6	10.6	-13.7	-0.3	41.5	-8	9	0.17	2.72	1.66
																	42	71	53	46	67	46	53	52	44	50	13	50	51	32	20	46	48	45	27	30	28
OMBU250047	99788275	28		ERH 130044	OMBU210102		91	107	89	95	103	96	98	85	92	95	109	86	107	104	107	89	95	101	90	90	86	70	97	97	100	112	92	92	122	84	110
							69	69	57	58	42	56	65	33	51	44	36	2.45	-2.5	28	18.7	0.4	62	26.1	41	11	-14	-1.3	10.9	-7.2	-0.6	38.9	-9	6	2.85	-2.50	0.80
																	57	73	62	58	69	57	61	60	52	54	13	55	56	44	26	55	54	52	43	46	43
OMBU250048	99788283	1		OMBU200030	OMBU220136		102	113	112	87	92	112	117	106	111	116	111	101	108	113	113	112	114	110	103	93	104	119	112	85	91	117	117	117	93	113	106
							66	68	47	47	33	51	61	32	47	28	38	0.86	-2.7	41	21.7	7.4	107	34.1	91	20	-43	1.4	19.8	-0.2	1.0	42.1	10	28	0.03	2.17	0.45
																	43	72	54	47	68	47	54	55	44	52	16	51	53	32	20	47	49	45	26	29	26
OMBU250049	99788291	4		OMBU200030	OMBU220108		114	99	100	102	96	104	103	100	103	104	93	115	105	96	99	100	101	98	97	82	98	117	107	98	86	114	99	100	94	116	109
							66	68	47	47	33	51	61	30	47	26	13	-0.58	-2.2	16	14.6	3.6	76	23.1	66	-7	-33	1.3	16.7	-8.2	1.9	40.4	-4	13	0.08	2.60	0.70
																	43	72	54	47	68	47	54	55	44	51	14	51	52	32	20	46	48	45	25	28	25
OMBU250050	99788309	7		OMBU200030	OMBU230003		108	103	108	95	110	114	107	107	113	114	100	107	108	104	103	108	107	104	102	96	95	108	90	100	106	118	107	106	94	128	130
							66	68	47	47	34	51	61	30	47	30	24	0.28	-2.7	27	16.5	6.1	91	28.8	85	27	-28	0.7	6.6	-8.9	-1.6	42.6	2	19	0.08	4.47	2.47
																	43	72	54	47	68	47	54	55	45	50	14	51	52	34	21	46	49	45	29	31	29
OMBU250051	99788317	1		OMBU200030	OMBU220088		121	102	111	90	110	120	110	106	118	113	105	120	117	110	102	111	106	102	102	91	99	99	98	99	107	115	111	108	97	122	121
							66	68	46	47	33	51	61	30	47	29	30	-1.09	-3.8	36	16.0	7.0	87	26.8	88	13	-35	0.2	11.4	-8.6	-1.9	40.6	6	21	0.42	3.54	1.74
																	43	72	54	47	68	46	54	55	44	51	13	50	52	33	20	46	48	44	28	30	28
OMBU250052	99788325	1		OMBU200030	OMBU220090		117	98	108	97	112	115	104	101	112	109	96	114	114	101	98	108	104	98	98	79	93	99	92	103	109	114	107	104	96	124	123
							66	68	47	47	33	51	61	30	47	30	18	-0.53	-3.5	23	13.6	6.1	83	23.7	72	-15	-25	0.3	8.2	-10.9	-2.1	40.5	3	17	0.32	3.77	1.90
																	43	72	54	47	68	47	54	55	44	50	13	51	52	34	20	46	49	45	28	31	28
OMBU250053	99788333	7		OMBU200030	OMBU230004		130	97	97	104	99	110	104	99	108	103	92	129	119	95	97	97	97	96	97	89	98	117	108	97	94	115	100	98	85	113	111
							66	68	46	47	34	51	61	31	47	28	13	-2.02	-4.1	14	13.1	2.8	66	21.6	69	9	-34	1.3	17.3	-7.2	0.4	40.6	-3	12	-0.82	2.13	0.90
																	43	72	54	47	68	46	54	55	44	51	15	51	52	34	21	46	49	45	26	29	26

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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 Thickn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
OMBU250059	99788390	3	ERH 130044 OMBU160002		82 71	117 71	115 61	82 59	106 42	113 57	118 68	93 34	109 52	106 44	121 51 55	77 3.36 74	103 -2.0 64	119 50 59	117 24.2 71	115 8.3 61	117 114 64	112 35.6 62	98 72 52	93 19 57	99 -34 12	80 -0.8 58	112 19.7 59	93 -5.0 43	110 -2.3 26	107 36.3 57	115 9 56	107 20 53	126 3.24 42	86 -2.15 46	103 0.22 42
OMBU250060	99788408	1	HART170114 OMBU200015		91 68	77 69	119 54	133 52	110 36	94 53	85 64	100 34	94 49	94 42	73 -13 50	97 1.31 73	60 3.8 58	71 -21 52	77 2.4 69	119 9.5 54	113 104 58	88 14.0 57	93 52 47	106 50 54	99 -35 17	100 0.3 53	95 10.0 55	109 -14.0 34	106 -1.6 24	109 37.5 50	106 1 51	87 2 48	101 0.77 40	113 2.05 43	100 -0.09 41
OMBU250061	99788416	2	HART190204 OMBU180111		113 68	110 70	96 54	92 52	112 39	119 54	112 65	111 38	119 51	113 40	107 33 51	108 0.15 73	122 -4.5 59	107 32 52	110 20.4 70	96 2.6 54	103 79 59	113 36.3 60	109 112 49	120 85 54	110 -53 24	108 0.8 56	108 17.4 55	108 -13.6 41	104 -1.2 26	115 40.8 50	95 -7 54	110 23 52	118 2.47 38	116 2.57 42	113 1.03 39
OMBU250064	99788440	3	HART130240 OMBU210167		114 69	97 69	97 55	104 56	99 41	102 55	99 65	98 34	100 51	95 45	99 22 49	111 -0.20 73	110 -2.9 60	94 13 56	97 13.2 69	97 2.8 55	98 68 60	96 21.2 58	101 83 48	95 24 52	97 -32 18	92 -0.1 54	99 11.9 55	92 -4.5 43	104 -1.3 26	106 35.4 54	91 -10 51	90 4 48	104 1.07 43	95 -0.69 47	112 0.98 44
OMBU250065	99788457	1	OMBU200030 OMBU210124		93 66	119 68	108 46	82 47	103 33	115 51	121 61	107 30	115 47	115 26	120 51 43	92 1.86 72	108 -2.7 54	120 52 47	119 25.1 68	108 6.1 46	112 103 54	114 37.6 55	104 94 43	92 16 51	102 -39 13	114 1.1 50	114 21.2 52	100 -9.1 33	95 0.4 20	116 41.5 46	111 6 48	114 26 44	104 1.10 25	112 1.93 28	112 0.93 25
OMBU250067	99788473	1	HART210212 OMBU130110		100 68	96 69	102 53	90 48	93 31	88 52	90 63	94 30	87 48	95 37	105 30 37	99 1.09 73	107 -2.5 57	110 37 48	96 12.7 69	102 4.2 53	93 55 57	102 26.6 51	90 41 42	112 66 41	81 -6 15	105 0.6 50	101 13.4 49	85 -0.5 30	98 -0.2 18	103 33.9 46	99 -4 47	85 1 43	83 -1.06 35	92 -1.24 39	115 1.23 35
OMBU250068	99808248	1	HART210212 OMBU140124		84 68	115 69	100 52	83 48	103 35	102 53	108 63	106 32	102 49	110 40	115 44 40	80 3.02 73	107 -2.5 57	119 50 48	115 22.9 69	100 3.6 52	103 81 56	119 42.2 52	97 66 42	113 67 43	87 -15 19	111 0.9 51	110 18.5 50	96 -6.9 35	105 -1.4 22	106 35.4 47	105 1 47	101 14 43	98 0.46 38	94 -0.84 41	118 1.50 38
OMBU250069	99808255	1	HART170114 OMBU180085		100 68	93 70	108 55	113 53	117 38	109 54	98 65	95 34	106 50	99 46	89 9 51	100 1.00 73	92 -0.5 59	86 2 53	93 11.3 70	108 6.1 55	109 94 59	97 22.6 60	92 50 49	104 46 55	93 -26 17	91 -0.2 55	100 12.5 56	116 -18.2 37	110 -2.4 26	114 40.0 52	100 -3 53	90 5 50	113 2.00 44	108 1.34 47	102 0.15 44
OMBU250075	99808305	1	HART140265 OMBU200076		77 69	110 70	109 57	90 58	108 41	103 56	103 66	107 36	104 52	106 46	105 31 57	83 2.77 73	80 1.0 62	109 36 58	110 20.2 70	109 6.4 57	111 100 62	112 35.7 60	102 87 52	114 69 54	97 -32 18	85 -0.5 56	90 6.9 56	95 -6.2 44	117 -3.6 26	104 34.4 53	115 9 54	104 18 52	98 0.47 45	109 1.48 48	124 1.97 45
OMBU250076	99808313	1	HART210212 OMBU130125		86 68	105 69	94 53	85 48	94 33	85 52	91 63	105 30	87 48	106 37	111 38 36	90 2.06 73	92 -0.5 57	117 46 48	105 17.6 69	94 2.0 53	92 54 57	109 32.9 52	98 72 41	108 55 42	89 -19 15	105 0.6 50	102 14.1 49	84 0.1 31	100 -0.5 19	103 33.6 48	105 1 46	93 8 42	86 -0.69 35	96 -0.61 39	121 1.74 35
OMBU250082	99844581	5	HART150313 OMBU170079		103 70	102 70	103 57	90 56	96 40	99 56	99 66	112 32	101 51	105 38	107 33 46	104 0.58 74	105 -2.2 62	110 37 56	102 16.1 70	103 4.5 57	99 71 61	106 30.5 60	105 99 41	104 45 54	110 -53 20	107 0.7 48	98 11.7 53	96 -6.6 42	97 0.0 24	106 35.3 54	116 10 49	101 15 46	76 -1.71 36	104 0.76 40	115 1.18 36
OMBU250083	99808354	3	NFS 180147 OMBU210093		99 68	106 69	79 54	91 54	107 39	94 54	91 64	111 48	97 53	116 48	109 36 54	100 1.00 73	103 -2.0 59	110 37 54	106 17.9 69	79 -2.9 54	83 31 59	112 35.3 58	110 118 50	118 80 50	108 -50 44	108 0.7 55	104 15.0 56	111 -15.3 43	104 -1.3 23	105 35.0 51	107 2 54	113 26 51	98 0.47 47	108 1.37 49	116 1.27 47

Breeding Values and Accuracies: Bulls

Inbreeding in red is high

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

Animal				Selection Value										Birth			Wean				Growth & Adaptation					Fertility				Frame		Carcass			
ID	Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	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
OMBU250085	99844599	1	HART150313	OMB170136	88	103	113	92	86	92	101	116	96	108	103	94	86	107	103	113	110	105	110	100	118	99	113	86	90	105	127	113	86	101	108
					70	70	57	55	38	55	66	32	50	34	27	1.64	0.3	32	16.4	7.8	98	29.2	119	35	-67	0.3	20.3	-1.3	1.3	34.8	18	25	-0.69	0.23	0.62
															44	74	61	55	70	57	61	60	42	51	18	50	54	40	22	53	51	47	33	36	33
OMBU250087	99808388	1	HART170114	OMB220071	91	97	123	95	102	102	100	105	102	110	104	95	87	102	97	123	116	104	99	105	97	105	96	97	106	106	114	103	108	117	107
					67	68	50	51	38	53	62	34	49	46	28	1.49	0.2	25	13.5	10.8	112	28.4	77	48	-31	0.6	10.6	-7.3	-1.6	35.4	8	16	1.47	2.77	0.56
															49	72	57	51	68	50	56	58	48	53	18	53	54	38	25	50	52	49	44	47	44
OMBU250089	99844607	3	HART150313	OMB160055	112	91	104	103	91	93	93	105	94	94	90	112	105	95	91	104	98	96	105	114	116	107	100	91	91	108	108	98	65	104	104
					70	70	57	55	38	55	66	32	50	38	10	-0.28	-2.3	14	10.0	4.9	67	21.0	98	69	-63	0.7	12.7	-3.9	1.1	36.9	3	12	-2.77	0.70	0.25
															43	74	61	55	70	57	61	60	40	56	19	49	55	39	22	52	50	46	36	40	36
OMBU250091	99808412	2	HART210212	OMB160072	98	94	91	99	92	81	84	96	82	97	97	99	96	100	94	91	86	101	94	99	82	123	108	89	92	108	84	81	66	104	116
					67	68	52	47	33	52	62	30	48	38	19	1.07	-1.0	22	11.6	0.9	40	25.9	58	33	-6	1.6	17.7	-2.7	0.8	36.7	-16	-3	-2.74	0.65	1.31
															45	72	56	47	68	52	56	50	41	44	17	50	50	33	21	45	46	42	37	40	37
OMBU250092	99808420	4	NFS 180147	OMB210097	137	98	84	94	111	112	98	115	113	120	106	134	130	107	98	84	81	105	114	112	113	106	116	106	108	112	110	117	101	114	120
					69	69	54	54	39	54	64	48	53	48	31	-2.54	-5.6	32	14.0	-1.3	28	29.2	134	65	-58	0.6	22.3	-12.5	-2.0	39.3	5	29	0.82	2.30	1.64
															54	73	60	54	69	54	59	58	51	51	44	56	56	43	23	51	55	52	46	49	47
OMBU250093	6020353444	2	HART210212	ERH 110077	99	88	77	106	107	79	73	91	78	89	90	96	101	93	88	77	72	99	85	116	75	107	103	101	112	102	71	68	82	91	118
					69	70	54	48	37	54	64	34	50	43	10	1.39	-1.7	12	8.5	-3.3	5	24.0	23	74	5	0.7	14.6	-9.4	-2.6	33.1	-26	-15	-1.13	-1.37	1.43
															39	74	58	48	70	54	57	52	44	47	21	52	52	37	24	49	49	45	41	45	42
OMBU250094	6020353451	2	HART140265	OMB210144	84	106	120	91	95	101	107	98	100	103	108	87	88	107	106	120	118	107	98	90	93	88	100	83	105	104	108	108	110	93	109
					69	69	56	57	40	55	65	35	51	46	34	2.34	0.0	33	18.1	10.0	117	31.3	71	11	-25	-0.3	12.8	0.9	-1.5	34.4	3	20	1.68	-1.03	0.70
															56	73	61	57	69	56	61	60	51	55	17	55	55	43	25	52	54	52	45	48	45
OMBU250095	6020353469	3	HART130240	OMB220031	102	108	94	95	85	97	105	95	95	95	106	101	106	104	108	94	100	103	100	104	103	95	111	76	96	104	108	100	106	83	108
					69	69	55	56	41	55	65	34	51	44	32	0.90	-2.3	28	19.5	1.7	74	27.9	79	46	-42	0.1	19.4	4.5	0.1	34.0	3	13	1.25	-2.68	0.60
															48	73	60	56	69	55	60	59	47	52	19	52	54	43	25	54	51	48	42	45	42
OMBU250096	6020355704	1	HART150313	OMB170074	84	110	106	92	84	93	105	113	96	100	104	86	90	107	110	106	110	109	108	112	119	94	101	89	85	101	122	107	88	95	102
					69	60	54	55	38	51	60	30	47	38	28	2.44	-0.2	32	20.1	5.4	97	32.9	108	66	-68	0.0	13.5	-2.9	2.1	32.7	15	20	-0.55	-0.72	0.12
															41	73	61	55	60	54	56	60	39	56	19	46	54	40	22	52	48	44	36	39	36
OMBU250097	6020353477	2	HART130240	OMB210168	104	100	107	100	93	100	102	98	99	97	102	104	100	98	100	107	107	99	100	97	94	92	97	84	99	108	98	95	112	87	112
					69	69	55	56	41	55	65	34	51	45	26	0.53	-1.5	19	14.7	5.7	89	24.3	79	28	-27	-0.1	10.7	-0.1	-0.3	36.8	-5	10	1.85	-2.07	0.95
															49	73	61	56	69	55	60	58	47	52	19	52	54	43	26	55	50	47	43	47	44
OMBU250196	6020353485		HART210212	OMB120074	87	104	97	92	86	84	94	99	85	106	107	88	94	108	104	97	97	107	97	93	86	117	109	85	89	101	109	98	82	99	119
					68	68	52	48	32	52	63	28	47	34	33	2.23	-0.8	34	17.1	2.7	66	31.1	69	19	-13	1.2	18.3	-0.7	1.3	32.2	4	12	-1.13	-0.14	1.58
															36	73	57	48	68	52	56	48	60	41	14	48	47	30	18	47	45	41	32	35	32
OMBU260001	6020353824	2	NFS 180147	OMB210142	90	106	96	94	92	91	97	114	95	115	109	94	88	105	106	96	99	111	115	108	120	108	122	96	89	108	115	123	107	99	100
					68	69	53	54	38	54	64	48	53	48	35	1.58	0.1	29	18.0	2.4	71	35.0	137	56	-70	0.8	25.8	-6.9	1.4	36.7	9	34	1.35	-0.03	-0.07
															53	73	59	54	69	53	59	58	50	50	44	55	55	42	21	50	54	51	46	49	47

Breeding Values and Accuracies: Bulls

Inbreeding in red is high

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Breeding values with an accuracy < 5% are not printed

Animal				Selection Value											Birth			Wean				Growth & Adaptation					Fertility				Frame		Carcass				
ID	Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Sire ID	Dam ID	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -brth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean wt	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thicken	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
OMBU260003	6020355761	1	HART110186	OMBU190082	83	127	108	76	103	118	128	123	120	125	134	84	101	128	127	108	115	125	114	99	114	99	104	97	107	101	120	114	96	99	140		
					69	69	57	57	42	56	65	38	52	45	69	2.60	-1.7	64	29.6	6.2	110	47.0	131	34	-59	0.3	15.4	-7.1	-1.8	32.4	13	26	0.28	-0.12	3.34		
															54	73	62	57	69	57	61	58	49	53	24	54	55	43	28	55	52	50	44	46	44		
OMBU260004	6020355779	4	HART130240	OMBU210156	109	96	99	100	98	97	94	104	98	94	100	114	94	99	96	99	96	96	106	111	109	99	105	94	104	106	105	93	92	87	122		
					69	69	55	56	42	55	65	34	51	44	23	-0.53	-0.7	20	12.7	3.3	63	21.7	101	62	-51	0.2	16.0	-5.4	-1.3	35.4	1	8	-0.16	-2.01	1.78		
															48	73	60	56	69	55	60	58	47	53	20	52	55	44	27	55	50	47	42	46	43		
OMBU260009	6020353857	1	ERH 130044	OMBU190040	101	107	98	90	112	109	105	99	107	103	115	96	116	110	107	98	99	105	100	102	97	87	105	105	110	112	105	102	111	94	125		
					70	71	60	59	43	57	67	34	52	44	44	1.37	-3.7	37	18.8	3.1	72	29.7	78	41	-31	-0.4	15.6	-11.7	-2.3	38.9	1	15	1.78	-0.86	2.05		
															57	74	63	59	71	60	63	61	52	55	15	56	56	45	28	56	55	52	42	45	42		
OMBU260014	6020353899	7	OMBU200030	OMBU210139	101	113	100	86	108	113	112	106	112	111	118	99	111	116	113	100	104	111	102	89	97	107	100	101	100	120	104	104	99	122	124		
					66	58	46	47	35	48	56	30	44	30	48	1.10	-3.1	45	22.0	3.7	82	34.8	87	10	-32	0.7	12.8	-9.8	-0.6	43.6	0	17	0.55	3.47	1.94		
															44	72	55	47	58	46	50	56	44	51	13	50	52	35	22	47	48	45	28	31	28		
OMBU260015	6020353907	3	HART140265	OMBU210151	78	110	121	82	109	108	110	101	106	109	119	77	94	119	110	121	116	111	99	99	89	78	87	90	117	110	114	110	118	100	119		
					69	69	56	57	40	55	65	35	51	48	49	3.42	-0.8	49	20.5	10.1	111	35.2	74	33	-19	-0.9	4.8	-3.5	-3.6	37.9	8	22	2.50	0.10	1.54		
															56	73	61	57	69	56	61	60	51	55	17	55	56	43	25	53	54	52	46	49	46		
OMBU260021	6020353964	1	HART170114	OMBU150083	99	94	120	121	108	114	108	98	111	104	82	100	86	82	94	120	125	98	94	101	95	112	101	110	106	104	103	92	111	117	102		
					69	70	55	52	38	54	65	34	50	44	-1	0.96	0.3	-5	11.9	9.8	133	23.4	56	38	-29	1.0	13.3	-14.6	-1.6	34.5	-1	7	1.75	2.72	0.10		
															48	74	59	52	70	55	59	59	47	51	18	54	55	37	25	52	52	48	42	45	42		
OMBU260022	6020353972		HART210212	OMBU120077	88	101	94	85	93	81	86	110	85	114	115	94	90	117	101	94	88	109	99	106	88	115	111	93	94	102	104	96	85	104	124		
					68	68	52	47	31	51	62	29	47	34	43	1.57	-0.2	47	15.4	1.9	44	33.0	76	51	-16	1.2	19.3	-4.8	0.5	32.8	0	10	-0.85	0.75	1.98		
															35	73	56	47	68	52	56	50	41	41	14	49	48	29	18	46	46	42	32	35	32		
OMBU260024	6020353998	1	HART140265	OMBU190059	77	117	127	78	95	110	121	103	108	108	129	77	95	124	117	127	123	116	102	111	96	93	102	82	105	104	117	118	109	89	108		
					69	70	58	58	38	55	66	34	51	46	63	3.35	-1.0	58	24.2	12.0	129	39.4	87	62	-29	-0.1	14.0	1.4	-1.5	34.2	11	29	1.63	-1.68	0.60		
															56	73	62	58	70	58	62	60	50	54	17	54	55	40	23	52	53	51	44	47	44		
OMBU260025	6020354004	26	ERH 130044	OMBU180113	109	96	103	97	119	110	98	88	105	96	103	104	116	101	96	103	99	95	91	95	85	74	99	112	113	110	104	104	100	117	85	114	
					70	70	60	59	40	56	67	32	51	44	28	0.58	-3.7	24	12.9	4.8	70	20.3	45	24	-12	-1.1	12.1	-16.1	-2.9	38.1	0	13	2.38	-2.26	1.12		
															56	73	63	59	70	60	63	60	51	57	12	56	58	41	25	55	54	52	42	45	42		
OMBU260026	6020354012	1	HART140265	OMBU190006	91	105	112	87	103	102	102	102	102	104	110	91	100	113	105	112	107	107	98	110	92	94	89	92	110	104	113	102	97	112	125		
					70	70	59	59	42	57	67	36	53	46	36	1.87	-1.6	41	17.4	7.4	91	31.0	71	60	-23	0.0	5.9	-4.6	-2.4	34.4	7	15	0.37	1.98	2.09		
															57	74	63	59	70	59	63	60	51	55	18	55	56	44	28	54	54	52	45	48	45		
OMBU260028	6020354038	1	HART170114	OMBU180133	95	92	117	108	114	106	98	92	103	99	92	93	96	90	92	117	114	94	92	96	89	109	98	112	110	108	103	92	107	108	101		
					68	70	55	53	37	54	65	34	50	44	12	1.71	-1.0	7	10.5	9.0	106	20.0	50	27	-18	0.8	11.4	-16.2	-2.4	36.5	-1	6	1.43	1.30	0.01		
															50	73	59	53	70	55	59	59	49	55	17	55	56	35	24	51	53	50	43	46	43		
OMBU260029	6020354046	1	OMBU200030	OMBU220095	102	117	101	90	93	112	118	108	111	115	111	100	107	110	117	101	110	111	105	90	104	124	116	94	87	114	104	110	101	115	116		
					66	67	46	46	33	50	60	30	46	26	39	0.94	-2.6	37	24.0	4.0	98	35.0	100	13	-43	1.7	22.1	-5.6	1.8	40.5	0	22	0.75	2.50	1.29		
															42	72	54	46	67	46	53	55	43	51	14	50	52	34	20	46	48	44	25	28	26		

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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
				EBV Acc																															
				Sire ID Dam ID																															
OMBU260035	6020354103	4	HART170114	OMBU200018	91	99	118	108	115	113	105	108	112	109	89	96	78	90	99	118	121	102	102	99	100	111	107	112	110	112	111	96	101	121	112
					68	70	54	53	39	54	65	36	50	44	9	1.39	1.3	7	14.2	9.3	125	27.2	85	32	-37	0.9	17.0	-16.1	-2.3	39.0	6	10	0.82	3.32	0.94
															50	73	59	53	70	54	59	59	50	53	19	56	56	38	27	52	54	51	42	45	42
OMBU260037	6020354129	1	HART210212	OMBU160061	93	100	94	93	95	87	89	107	89	106	108	95	96	107	100	94	92	109	99	111	88	123	109	88	97	109	99	91	79	103	125
					68	69	52	49	36	53	63	30	48	41	34	1.53	-1.1	32	14.8	2.0	53	32.9	76	62	-17	1.6	18.0	-2.1	0.1	37.0	-4	5	-1.46	0.59	2.02
															47	73	57	49	69	52	57	52	42	44	17	48	47	37	23	47	45	42	39	43	39
OMBU260038	6020354137	1	OMBU200030	OMBU210112	102	114	112	86	89	111	119	114	112	120	115	101	109	115	114	112	114	111	109	95	109	105	104	84	86	115	123	118	104	125	121
					66	68	47	47	33	51	61	29	47	22	44	0.88	-2.8	44	22.6	7.4	108	35.0	113	24	-51	0.6	15.2	0.1	1.8	40.8	15	30	1.08	3.93	1.70
															43	72	54	47	68	47	54	54	43	49	12	50	52	32	20	46	47	43	21	23	21
OMBU260041	6020354160	5	HART170114	OMBU180035	121	90	93	123	105	106	98	105	106	104	82	120	107	81	90	93	95	93	95	102	95	112	99	98	106	111	105	87	95	121	109
					69	70	55	54	40	55	65	35	51	44	0	-1.09	-2.5	-5	9.8	1.7	61	18.3	61	41	-29	1.0	12.4	-8.2	-1.6	38.5	1	2	0.21	3.42	0.68
															51	73	60	54	70	55	60	60	48	57	19	54	56	40	27	52	52	50	42	45	42
OMBU260046	6020354202	26	ERH 130044	OMBU180126	88	112	102	88	115	111	107	90	106	102	123	84	114	112	112	102	106	103	94	91	85	80	102	109	111	108	99	100	123	86	113
					70	70	59	59	40	56	67	32	51	44	55	2.62	-3.4	40	21.2	4.4	88	28.0	58	14	-13	-0.8	14.0	-14.3	-2.6	36.5	-4	14	2.97	-2.13	1.02
															56	73	63	59	70	59	63	60	51	52	12	55	55	41	25	55	53	51	42	45	42
OMBU260048	6020354228	1	ERH 130044	OMBU150097	97	110	93	96	112	109	105	101	107	108	103	95	104	104	110	93	101	104	101	88	97	93	107	105	108	111	105	102	112	102	123
					71	71	61	59	43	58	68	34	53	42	27	1.50	-2.1	27	20.1	1.5	75	28.2	82	8	-31	-0.1	16.7	-11.9	-2.0	38.6	1	15	1.85	0.42	1.88
															56	74	64	59	71	61	64	62	52	56	14	57	58	45	28	57	55	53	41	44	41
OMBU260051	6020354251	1	OMBU200030	OMBU220012	111	103	103	96	95	106	107	101	105	105	99	111	107	102	103	103	105	103	99	89	104	118	107	98	89	110	112	108	99	123	114
					66	58	47	47	33	47	56	30	44	26	22	-0.14	-2.6	25	16.8	4.7	85	28.0	77	9	-43	1.3	17.1	-8.2	1.3	37.7	6	21	0.58	3.67	1.10
															42	72	55	47	58	47	51	56	44	53	13	51	53	34	20	45	48	45	24	27	24
OMBU260052	6020354269	2	HART170114	OMBU200119	106	85	103	125	114	103	91	89	99	91	81	107	89	79	85	103	100	90	87	94	84	100	91	115	110	106	90	81	99	106	102
					68	59	51	52	38	50	58	34	47	44	-2	0.29	-0.1	-9	7.0	4.6	74	16.5	31	21	-11	0.3	7.5	-17.8	-2.4	35.5	-11	-3	0.58	1.03	0.09
															49	73	58	52	59	51	54	58	48	53	18	53	54	39	26	50	52	49	43	46	43
OMBU260055	6020354285	2	HART140265	OMBU200092	108	93	111	93	90	93	95	92	92	94	106	106	109	106	93	111	100	95	93	94	90	95	95	85	101	98	103	99	98	92	105
					69	60	55	57	39	52	60	36	49	46	31	0.32	-2.8	30	11.2	7.2	74	20.3	54	22	-20	0.0	9.6	-0.3	-0.7	30.4	-1	13	0.51	-1.16	0.37
															55	73	61	57	60	55	57	60	52	54	17	56	57	42	24	51	55	52	44	48	45
OMBU260056	6020354301	1	HART210212	OMBU120082	95	98	99	105	86	87	94	95	87	96	91	98	87	93	98	99	101	101	88	102	80	118	103	88	86	101	89	83	82	99	114
					68	58	52	48	32	48	57	30	44	38	12	1.17	0.2	12	13.9	3.3	75	25.7	33	41	-4	1.3	14.9	-1.9	1.9	32.7	-12	-1	-1.07	-0.06	1.13
															37	73	57	48	58	52	53	52	39	45	18	47	49	31	20	46	44	40	36	39	36
OMBU260057	6020354319	1	HART170114	OMBU190117	123	79	119	128	99	107	98	99	105	97	79	122	106	76	79	119	111	87	96	98	103	109	105	100	97	107	107	93	103	114	99
					68	60	52	52	37	50	59	34	47	42	-5	-1.31	-2.3	-13	3.8	9.4	101	13.8	66	32	-41	0.8	15.9	-9.2	0.1	35.8	2	8	0.93	2.27	-0.12
															49	73	58	52	60	52	55	60	47	57	18	53	56	38	25	49	51	48	41	44	41
OMBU260059	6020354335	4	OMBU200030	OMBU210087	104	107	100	95	100	107	106	102	106	107	105	105	103	104	107	100	104	105	98	95	99	118	94	101	92	112	98	106	93	119	113
					66	57	45	46	32	47	55	30	44	26	30	0.46	-2.0	28	18.5	3.6	82	29.8	70	25	-35	1.3	9.0	-9.5	0.9	38.9	-5	19	-0.06	3.00	1.03
															41	72	54	46	57	45	49	56	43	50	13	51	52	32	20	45	48	44	25	28	25

Breeding Values and Accuracies: Bulls

Inbreeding in red is high

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

Animal				Selection Value										Birth			Wean				Growth & Adaptation					Fertility				Frame		Carcass						
ID	Inbreeding	Genomic	Index	Animal no	Parentage	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
OMBU260060	26			6020354343	HART140265	OMBU220049		87	100	127	84	96	99	102	103	99	106	117	90	93	115	100	127	114	105	98	100	87	85	79	83	108	100	111	107	105	105	121
								69	60	54	56	39	52	60	35	49	48	47	2.00	-0.7	44	15.2	12.1	108	29.4	74	36	-15	-0.5	0.5	0.4	-2.0	31.9	6	20	1.18	0.91	1.69
																		55	73	61	56	60	54	57	60	51	56	18	54	56	42	24	50	53	51	46	49	47
OMBU260061				6020355787	OMBU180024			107	93	98	110	115	104	94			79	92	102	109	89	93	98	97	89	79	93	76	82	91	111	126	84	93	88	94	87	103
								59	38	39	38	25	36	41			22	12	0.77	-2.8	5	10.9	3.2	67	15.3	0	18	3	-0.7	7.7	-15.1	-5.1	22.1	-8	3	0.11	-2.00	0.21
																		36	65	47	38	38	39	38	38	27	32	8	32	33	26	16	32	30	28	21	22	21
OMBU260062	1			6020354350	HART140265	OMBU210096		88	108	116	85	97	103	108	112	105	112	114	91	96	115	108	116	112	110	106	102	99	88	94	86	110	98	117	110	101	112	128
								69	60	55	57	41	52	60	36	49	46	42	1.96	-1.0	44	19.4	8.6	103	33.9	102	41	-35	-0.3	9.1	-1.0	-2.4	30.4	11	22	0.76	1.94	2.30
																		55	73	61	57	60	55	57	60	52	53	18	56	56	44	26	52	55	53	45	48	45
OMBU260064	1			6020354376	ERH 130044	OMBU170034		113	96	82	105	107	97	91	96	96	95	96	108	116	95	96	82	83	96	96	100	95	82	100	105	105	107	99	92	103	97	120
								70	62	59	59	43	54	62	34	50	43	19	0.16	-3.7	14	12.6	-1.7	33	21.0	64	35	-29	-0.7	13.1	-12.2	-1.5	35.9	-4	7	0.97	-0.38	1.62
																		56	74	63	59	62	59	60	62	52	59	15	55	58	45	28	56	54	52	41	45	42
OMBU260067	1			6020354400	HART210212	OMBU130127		105	95	109	89	87	90	94	105	91	102	108	106	104	110	95	109	98	104	100	108	92	120	111	89	86	101	103	94	85	98	115
								68	58	51	48	34	49	57	32	46	39	34	0.34	-2.1	37	12.5	6.3	68	28.1	78	54	-24	1.4	19.3	-2.8	2.0	32.5	-1	8	-0.83	-0.33	1.23
																		37	73	57	48	58	51	52	52	43	43	18	52	51	35	22	46	48	44	37	41	38
OMBU260069	1			6020354426	HART140265	OMBU200107		81	110	119	78	95	99	109	108	101	113	127	86	92	125	110	119	111	115	101	111	93	92	85	82	108	99	113	114	112	104	123
								69	60	53	56	39	52	60	34	48	44	60	2.46	-0.5	58	20.5	9.4	100	38.6	84	63	-26	-0.1	4.1	1.2	-2.0	31.3	7	26	1.86	0.66	1.93
																		54	73	61	56	60	53	56	59	51	51	16	56	56	42	25	51	54	51	43	46	43
OMBU260070	26			6020354434	HART140265	OMBU220043		78	112	119	79	95	101	111	103	101	107	122	81	94	123	112	119	113	113	100	107	91	80	76	80	110	100	117	111	107	101	118
								69	60	53	56	40	52	60	36	49	48	52	2.98	-0.8	55	21.5	9.4	106	36.8	78	53	-22	-0.8	-1.6	2.5	-2.3	31.6	10	23	1.38	0.25	1.51
																		55	73	61	56	60	53	56	59	52	54	17	57	57	43	25	51	55	53	47	50	47

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
HART080112 66590746		AG 020027 NGO 040022		84 81	91 77	57 81	111 74	82 52	52 67	62 78	91 42	55 62	81 48	87 6	89 2.18	75 1.8	90 7	91 10.1	57 -9.4	58 -29	89 15.2	90 43	102 40	99 -34	88 -0.4	84 3.4	81 1.6	97 -0.1	83 21.8	89 -12	83 -1	66 -2.73	86 -2.12	106 0.43
HBD 090079 69126795	7	HBD 000172 HBD 030030		105 71	77 71	102 65	121 71	91 44	80 60	78 70			72 7	76 -9	108 0.16	87 0.2	82 -4	77 2.8	102 4.3	89 46	81 8.3	84 17	133 115	99 -34	96 0.1	84 3.2	89 -2.8	108 -2.1	81 20.1	108 3	87 2	72 -2.14	101 0.18	98 -0.23
OMBU100028 71863153		GMS 050255 OMBU050327		113 83	82 77	80 84	104 74	96 36	74 65	69 79	79 22	72 56	78 8	94 15	116 -0.71	143 -7.4	95 15	82 5.3	80 -2.6	67 -6	81 7.8	85 23	108 56	98 -33	84 -0.6	99 12.0	107 -13.1	104 -1.2	76 17.1	111 6	93 7	80 -1.34	99 -0.14	97 -0.30
OMBU100118 75359166				129 76	58 69	94 82	134 66								133 -2.44	151 -8.5	71 -20	58 -7.3	94 1.8	65 -11	62 -8.7	74 -18	101 38		107 0.7	61 -10.7		79 19.4	88 -12	75 -8				
ERH 110062 73086084	1	HART070027 ERH 070073		101 85	85 82	84 86	105 79	140 56	98 72	72 83	90 49	95 67	82 54	91 11	101 0.89	125 -5.0	94 13	85 6.9	84 -1.2	74 12	87 13.7	88 32	101 39	88 -17	79 -0.9	106 16.1	125 -23.3	149 -9.3	92 27.0	57 -37	69 -14	92 -0.14	93 -1.10	102 0.14
ERH 110077 73176398	1	HART070027 ERH 050068		96 84	92 82	64 86	103 77	125 56	83 71	69 82	88 48	82 66	81 54	93 14	93 1.67	117 -3.8	97 18	92 10.8	64 -7.5	62 -18	95 20.6	86 25	113 66	91 -22	75 -1.1	99 12.4	116 -18.3	133 -6.5	95 28.9	72 -25	73 -10	106 1.30	89 -1.75	106 0.42
HART110106 72586324	4	VBB 070066 BHE 010033		85 84	97 81	100 86	90 79	112 54	91 71	85 82	77 56	86 68	79 50	107 32	89 2.18	91 -0.3	110 37	97 13.5	100 3.8	93 56	97 21.9	83 15	116 74	88 -17	89 -0.3	79 0.5	104 -11.5	124 -4.8	93 27.4	108 3	94 8	69 -2.42	68 -5.02	84 -1.45
OMBU110018 73214439		GMS 050255 OMBU050001		114 82	86 78	108 84	113 77	93 39	95 66	93 80	80 26	90 58	79 8	84 2	113 -0.36	129 -5.5	86 2	86 7.2	108 6.1	101 75	85 11.3	89 36	107 53	101 -38	97 0.1	108 17.5	96 -6.9	99 -0.4	88 24.5	109 4	96 10	82 -1.07	97 -0.47	95 -0.52
OMBU110032 74082363		GMS 040242 OMBU070014		99 84	91 81	107 87	95 79	108 45	94 69	86 82	96 30	93 61	91 14	94 15	102 0.79	95 -0.9	104 28	91 10.1	107 5.9	96 63	92 17.8	95 59	82 -7	102 -40	100 0.3	97 10.7	110 -14.9	112 -2.7	91 26.2	127 18	109 22	98 0.47	112 1.97	106 0.43
IH 120003 74644030	1	WAGB040107 IH 090012		103 72	98 71	104 63	100 59	81 46	90 59	98 68	96 38	89 55	99 49	102 27	106 0.33	94 -0.7	98 19	98 14.0	104 4.8	102 79	98 23.4	100 80	105 47	107 -49	95 0.0	98 11.8	89 -2.9	89 1.4	87 23.9	111 5	102 15	88 -0.55	110 1.67	106 0.44
OMBU120005 74403452	1	GMS 040242 WOH 050034		133 76	78 75	84 74	134 74	74 43	82 63	86 75	78 24	78 55	76 14	69 -18	131 -2.31	112 -3.2	71 -20	78 3.3	84 -1.1	78 21	75 3.1	80 4	84 -2	97 -32	84 -0.6	87 5.1	84 0.0	91 1.1	73 15.3	105 1	84 -1	77 -1.61	105 0.91	103 0.23
OMBU120031 75215533	2	HART070027 GRT 980067		83 85	92 82	100 86	102 79	130 57	98 72	84 83	99 48	97 67	94 50	94 16	77 3.40	102 -1.9	96 16	92 10.9	100 3.7	95 61	95 20.9	95 59	93 20	94 -27	74 -1.1	107 16.8	116 -18.1	143 -8.3	88 24.4	84 -16	85 0	111 1.79	103 0.56	116 1.32

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																															
OMBU120034 75228098	1	HART080026 ERH 060050		103 75	91 73	95 70	118 71	78 46	82 62	92 72	81 33	79 56	80 37	87 6	98 1.16	108 -2.6	85 -1	91 9.9	95 2.3	95 62	87 13.1	95 60	88 8	107 -48	85 -0.5	95 9.7	81 2.0	96 0.1	79 19.0	106 2	96 10	82 -1.15	90 -1.60	100 -0.04
OMBU120074 76128362		GMS 080273 OMBU080011		115 81	88 76	107 80	99 75	85 41	88 65	90 77	95 28	88 58	98 8	100 24	116 -0.66	106 -2.3	99 20	88 8.4	107 5.9	95 62	86 12.5	100 79	77 -20	107 -48	92 -0.1	103 14.8	92 -4.6	90 1.2	90 25.9	136 25	116 28	92 -0.08	105 0.77	108 0.61
OMBU120077 76187319		GMS 080273 OMBU070011		74 80	108 76	104 81	72 74	96 39	84 64	94 77	123 30	90 57	124 8	133 68	84 2.65	85 0.4	134 72	108 19.1	104 5.0	94 59	110 33.5	111 121	96 27	113 -58	91 -0.2	113 20.6	102 -10.2	98 -0.3	93 27.6	136 25	126 36	106 1.24	116 2.52	118 1.46
OMBU120082 76187368		VV 080161 WOH 050008		117 82	86 80	111 83	126 77	85 45	99 68	100 80	88 35	96 61	85 34	77 -8	121 -1.26	89 -0.1	78 -11	86 7.4	111 7.1	110 97	81 8.1	84 17	93 18	97 -32	95 0.1	94 9.1	95 -6.1	83 2.4	96 29.4	98 -4	90 5	99 0.59	105 0.89	98 -0.24
OMBU120091 76406636	1	HART080026 WOH 050041		111 79	98 76	73 77	102 74	86 41	82 64	88 76	85 32	80 58	79 32	92 13	107 0.21	121 -4.4	97 18	98 14.0	73 -4.6	76 16	95 20.4	87 30	98 32	100 -37	85 -0.5	86 4.7	80 2.5	103 -1.0	89 25.0	98 -4	87 2	77 -1.58	93 -0.99	104 0.27
OMBU120095 76406677		VV 080161 WOH 050030		119 76	93 75	127 73	93 74	78 44	102 63	107 75	104 39	102 58	95 34	103 27	118 -0.94	114 -3.5	104 28	93 11.4	127 11.9	114 107	96 21.6	101 85	98 32	114 -60	97 0.2	91 7.2	91 -3.8	77 3.6	92 27.1	123 15	107 20	98 0.45	108 1.37	108 0.63
OMBU120112 76413244		VV 080161 OMBU030006		122 74	80 71	113 73	122 75	89 40	97 61	94 72	86 32	93 55	78 34	80 -3	120 -1.14	109 -2.8	81 -5	80 4.2	113 7.8	103 81	81 7.7	86 25	98 32	96 -30	99 0.3	94 9.3	106 -12.3	77 3.5	99 31.0	95 -7	84 -1	88 -0.50	102 0.37	99 -0.12
OMBU130005 76523794		VV 080161 POL 050011		120 75	89 75	132 73	104 76	85 46	107 64	107 75	104 38	106 59	101 35	94 15	120 -1.13	108 -2.6	92 11	89 8.8	132 13.4	121 125	90 16.3	100 79	86 3	107 -49	92 -0.1	102 13.8	101 -9.7	79 3.2	95 28.9	111 6	103 17	102 0.89	115 2.49	107 0.57
OMBU130011 76740398	1	HART080128 JS 080044		73 74	110 72	96 69	94 73	82 43	81 61	97 72	106 34	84 56	102 37	104 29	77 3.40	74 1.9	105 30	110 20.3	96 2.4	103 80	110 33.6	103 89	111 62	110 -53	107 0.7	105 15.8	88 -2.1	84 2.2	98 30.5	119 12	115 27	99 0.63	98 -0.20	103 0.22
OMBU130063 78008711		ERH 090054 OMBU090050		99 69	94 66	98 60	101 69	102 37	92 56	90 66	96 26	91 50	88 30	93 14	94 1.58	109 -2.8	98 18	94 11.6	98 3.0	93 57	92 17.5	95 60	112 65	105 -45	71 -1.3	97 10.8	100 -9.0	111 -2.6	85 23.0	121 13	101 14	99 0.63	87 -1.94	95 -0.44
OMBU130068 78676475	1	HART080082 ERH 110081		90 75	87 75	112 72	122 74	76 51	80 64	90 74	68 42	74 60	75 54	86 5	97 1.25	65 3.2	81 -6	87 7.9	112 7.4	110 96	86 12.9	80 5	99 34	77 1	98 0.2	75 -2.3	89 -2.7	81 2.9	91 26.6	79 -20	68 -15	57 -3.61	103 0.59	109 0.73
OMBU130079 78676574	2	GMS 040242 OMBU110018		116 74	90 73	105 70	118 73	84 43	97 62	100 72	79 26	92 55	81 14	81 -3	114 -0.49	106 -2.4	84 -1	90 9.7	105 5.3	104 84	87 13.4	83 16	86 1	98 -34	95 0.1	102 14.1	88 -2.3	93 0.7	90 25.7	107 3	91 6	84 -0.91	103 0.53	98 -0.27

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																															
OMBU130110		ERH 090054		118	86	118	87	98	97	91	88	94	84	107	114	124	113	86	118	96	87	89	112	101	70	91	89	106	97	120	98	100	90	100
78775772		OMB080011		80	78	84	77	41	66	79	33	59	30	33	-0.47	-4.7	41	7.5	9.2	63	13.1	39	64	-38	-1.3	7.2	-2.6	-1.7	30.0	13	12	0.70	-1.46	-0.03
														47	81	79	77	78	84	80	76	52	57	9	65	65	38	21	65	60	53	28	32	28
OMBU130121		ERH 090054		95	85	107	107	114	93	82	100	93	87	83	97	86	91	85	107	97	86	96	83	102	83	101	107	115	101	117	99	101	91	98
78896248		OMB070014		82	79	85	79	44	68	80	33	61	30	0	1.26	0.3	8	7.0	6.0	67	12.8	65	-6	-40	-0.6	13.2	-13.2	-3.1	32.6	10	13	0.74	-1.33	-0.23
														62	82	80	79	79	85	81	77	52	50	9	64	64	40	23	68	60	54	28	32	28
OMBU130122	1	HART070037		107	91	135	105	107	116	109	86	111	84	86	105	106	91	91	135	128	88	92	95	93	92	83	93	119	97	110	102	100	96	111
78896255		IH 060086		82	81	85	78	51	70	82	44	65	34	5	0.48	-2.4	9	10.0	14.6	141	14.2	50	23	-25	-0.1	2.6	-5.0	-3.9	30.1	5	15	0.70	-0.58	0.90
														62	83	80	78	81	85	81	80	53	65	31	67	70	52	32	70	61	54	31	36	32
OMBU130125		ERH 090054		80	107	105	79	99	91	97	109	94	103	116	86	90	124	107	105	98	103	105	104	115	69	92	87	111	97	131	112	105	98	112
78896289		WOH 050039		82	81	85	76	44	68	81	33	61	30	44	2.40	-0.3	57	18.8	5.1	69	27.7	98	44	-61	-1.4	8.0	-1.8	-2.4	30.1	21	24	1.20	-0.19	0.98
														47	83	79	76	81	85	81	79	51	61	10	62	65	40	24	69	58	52	28	32	28
OMBU130127	1	VV 080161		105	96	134	87	86	103	107	109	104	98	110	105	106	111	96	134	118	98	107	104	120	99	109	98	83	95	126	112	104	102	100
78896305		OMB090002		82	79	81	75	50	68	79	42	63	40	37	0.46	-2.4	39	12.9	14.1	117	23.3	106	45	-69	0.3	18.1	-7.8	2.5	29.1	17	24	1.07	0.37	-0.04
														48	83	79	75	79	81	78	78	56	64	23	68	69	51	32	68	64	58	38	42	38
OMBU130200		HART090198		95	91	105	100	69	72	87	82	71	90	97	98	91	98	91	105	97	89	86	84	91	93	93	87	82	66	96	96	92	107	102
79146676				61	39	40	38	27	37	42	23	34	28	20	1.19	-0.3	20	10.2	5.4	66	15.1	27	-2	-22	-0.1	8.8	-1.9	2.6	11.4	-7	10	-0.12	1.15	0.13
														29	66	48	38	39	40	39	37	31	25	13	35	35	26	20	36	34	32	27	29	27
OMBU140049	1	ERH 090054		117	91	83	119	118	104	91	98	103	84	80	113	112	84	91	83	84	86	97	87	117	72	92	109	120	101	119	100	105	82	92
79805156		IH 020007		82	80	83	77	52	69	80	39	63	42	-4	-0.33	-3.2	-1	9.9	-1.4	34	12.9	68	4	-65	-1.2	8.1	-14.1	-4.1	32.2	12	14	1.21	-2.76	-0.75
														68	83	80	77	80	83	80	76	50	70	25	57	65	53	35	68	55	51	39	44	40
OMBU140091		GMS 080273		116	88	105	96	101	95	88	108	97	101	100	115	112	103	88	105	92	87	104	86	110	109	118	103	101	99	125	112	95	108	110
80583099		OMB070014		79	76	80	76	41	65	77	32	58	8	23	-0.58	-3.2	26	8.4	5.4	54	13.8	96	2	-54	0.8	23.6	-10.7	-0.8	31.3	16	24	0.23	1.33	0.79
														66	80	77	76	76	80	77	74	54	45	5	66	64	37	21	66	62	55	7	8	7
OMBU140099		HART090332		111	98	112	104	99	109	107	120	112	114	90	110	103	93	98	112	112	101	105	91	96	108	100	84	108	106	124	110	92	115	124
80765225		OMB070061		82	79	84	79	48	68	80	37	62	34	10	-0.10	-2.0	12	13.7	7.4	103	25.5	96	15	-31	0.7	12.9	-0.1	-2.0	35.7	16	23	-0.10	2.36	2.00
														71	82	80	79	79	84	81	77	54	61	17	63	65	46	30	68	59	55	32	35	32
OMBU140110	1	HART090332		114	95	100	100	119	111	98	103	110	96	93	109	117	98	95	100	97	97	98	99	102	92	115	100	131	103	90	85	81	117	117
80765431		ERH 110062		82	79	80	76	53	68	79	43	63	44	14	0.03	-3.9	19	12.4	3.7	65	22.0	71	34	-40	-0.1	21.6	-9.2	-6.1	33.5	-11	1	-1.23	2.72	1.41
														66	83	79	76	79	80	78	79	60	69	23	68	71	55	36	68	65	61	42	45	42
OMBU140124	1	ERH 100063		79	140	110	65	116	134	145	115	133	122	140	66	122	145	140	110	118	132	107	108	113	83	111	108	119	103	140	136	137	95	107
80765589		IH 100082		81	79	83	77	50	68	80	42	63	41	78	4.56	-4.5	89	36.6	6.8	117	53.9	106	55	-57	-0.6	19.5	-13.5	-4.0	33.5	28	46	4.36	-0.68	0.55
														57	82	79	77	79	83	80	78	53	64	27	65	68	51	32	68	61	54	39	43	39
OMBU140702		HART070145		91	82	112	97	89	74	76	77	71	83	97	89	99	101	82	112	93	83	84	89	85	100	99	103	94	81	103	88	86	95	95
81081127		OMB090021		66	52	52	51	33	47	54	27	43	32	20	2.17	-1.5	24	5.4	7.4	57	9.9	17	8	-11	0.3	12.1	-10.6	0.5	20.2	-1	3	-0.76	-0.72	-0.52
														28	70	57	51	52	52	52	44	34	40	18	40	41	30	20	50	38	34	31	34	31

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
OMBU150056 82319419		ERH 100063 WAGB100036		87 81	108 79	118 83	88 79	110 49	112 68	111 80	104 39	111 62	106 38	102 26	83 2.77	105 -2.3	111 79	108 79	118 83	117 80	108 32.5	98 70	99 34	103 -41	83 -0.6	90 7.1	92 -4.4	112 -2.7	119 43.5	137 26	119 30	120 2.64	105 0.88	102 0.13
OMBU150083 82921248	1	HART080069 OMBU120051		118 80	101 76	114 79	109 73	95 46	117 65	116 77	97 33	113 59	105 33	85 3	115 -0.61	111 -3.0	89 6	101 15.4	114 8.0	120 121	99 24.0	98 70	91 15	100 -36	104 0.6	108 17.4	99 -8.4	99 -0.4	96 29.6	109 4	106 19	116 2.24	106 1.02	109 0.67
OMBU150090 82921313	1	HART090332 HART080243		110 82	104 80	102 84	86 79	104 54	106 70	103 81	108 41	107 64	110 43	112 39	108 0.19	117 -3.8	115 44	104 16.8	102 4.3	97 66	106 30.8	105 97	101 38	102 -40	100 0.3	100 12.8	86 -1.1	107 -1.8	117 42.2	113 7	111 23	102 0.88	115 2.49	134 2.80
OMBU150093 82921347	1	ERH 090054 WOH 050041		92 81	103 80	72 82	85 75	103 44	79 67	80 80	94 30	80 60	82 30	107 33	93 1.69	101 -1.7	118 49	103 16.3	72 -4.8	72 6	102 26.5	91 46	116 75	112 -57	68 -1.4	90 6.7	93 -4.9	113 -2.8	97 30.2	118 11	91 6	97 0.33	91 -1.30	99 -0.17
OMBU150097 82921370	1	HART090332 EFC 100113		97 81	117 80	90 83	96 76	106 51	113 69	113 80	120 38	115 63	122 34	93 14	99 1.04	96 -1.0	103 27	117 24.3	90 0.5	105 86	109 32.9	114 132	86 2	113 -58	116 1.2	113 20.5	99 -8.3	104 -1.3	110 37.8	129 20	118 29	98 0.46	121 3.41	129 2.42
OMBU150108 82921479		ERH 100063 OMBU110044		110 81	88 77	100 80	98 76	119 48	101 67	85 78	90 34	97 60	90 32	92 13	109 0.04	129 -5.4	100 23	88 8.5	100 3.9	89 46	91 17.0	94 57	104 46	105 -45	66 -1.5	115 21.7	116 -18.0	123 -4.6	97 30.2	120 13	106 19	109 1.59	98 -0.31	107 0.52
OMBU160002 83062059		ERH 090054 IH 090017		78 81	116 79	139 81	79 76	95 47	115 67	126 79	98 35	112 61	109 42	117 46	72 3.91	93 -0.7	122 55	116 23.6	139 15.7	132 151	115 38.0	103 91	102 40	115 -61	89 -0.3	118 23.4	78 3.3	109 -2.1	101 32.6	141 30	119 30	118 2.48	89 -1.70	89 -0.95
OMBU160014 83804088	1	HART090332 IH 070083		108 80	100 78	90 80	96 77	113 52	103 68	93 79	102 38	102 62	98 36	106 31	109 -0.01	102 -1.9	104 28	100 14.8	90 0.6	89 47	102 27.2	98 72	92 17	100 -37	107 0.7	103 14.7	100 -9.1	118 -3.7	109 37.5	114 8	96 10	82 -1.11	111 1.72	123 1.88
OMBU160055 84699321	1	HART120080 OMBU130072		137 79	88 76	79 80	107 73	111 44	102 65	87 77	88 34	98 59	85 36	84 2	134 -2.57	137 -6.6	92 11	88 8.5	79 -2.8	73 9	86 12.9	98 71	102 41	110 -52	104 0.5	104 15.1	104 -11.3	107 -1.7	114 40.1	96 -6	92 6	69 -2.45	109 1.55	101 0.05
OMBU160061 84699388	1	HART090332 IH 080076		107 81	102 79	98 82	85 78	101 53	99 69	97 80	117 37	103 63	108 46	122 53	108 0.16	110 -2.9	116 46	102 16.0	98 3.2	93 55	105 29.9	110 119	106 49	114 -59	107 0.7	108 58	93 -4.8	104 -1.2	109 37.2	125 17	113 25	94 0.12	113 2.18	119 1.56
OMBU160062 84699396	1	HART090332 JJ 050085		82 81	107 79	85 82	80 77	103 52	84 68	89 80	108 40	87 62	106 34	113 42	83 2.77	100 -1.6	125 59	107 18.8	85 -0.8	83 33	110 34.3	101 81	127 102	103 -42	123 1.6	96 10.6	94 -5.9	108 -1.9	107 35.8	113 7	103 17	74 -1.92	132 5.16	123 1.92
OMBU160063 84699404		VV 080161 OMBU060022		110 70	82 69	122 61	108 58	83 38	89 56	92 66	88 32	87 51	88 34	88 8	107 0.25	108 -2.6	90 7	82 5.2	122 10.5	108 93	84 11.1	90 40	95 23	93 -25	106 0.7	94 9.5	98 -8.1	78 3.4	92 27.2	103 -1	94 8	96 0.30	102 0.33	98 -0.19

Breeding Values and Accuracies: Cows & Heifers

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass			
ID Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
OMBU160065 84699412	1	HART090332 HART110106			82 81	116 78	120 79	77 76	108 52	114 68	118 78	109 44	113 63	109 42	119 50	83 2.76	100 -1.6	126 60	116 23.4	120 9.9	116 112	114 37.5	106 102	114 69	107 -47	98 0.2	109 18.0	101 -9.9	117 -3.5	98 30.4	126 18	113 25	84 -0.89	101 0.14	116 1.33
OMBU160072 84699479	1	HART120080 OMBU120062			101 79	88 77	97 80	104 74	97 45	84 66	82 77	93 36	84 60	88 38	92 13	102 0.80	98 -1.3	95 14	88 8.5	97 2.9	89 47	90 15.7	99 75	84 -3	101 -38	106 0.6	105 16.0	96 -6.9	95 0.3	108 36.6	91 -10	90 5	67 -2.64	114 2.31	102 0.12
OMBU160077 84699529	1	HART090332 IH 110051			109 72	107 72	101 62	93 60	104 46	112 59	109 69	121 36	114 54	117 38	106 32	109 0.08	108 -2.6	106 32	107 18.9	101 4.0	104 83	106 30.0	115 135	78 -17	113 -57	112 1.0	117 22.7	100 -9.0	108 -2.0	101 32.7	124 16	116 28	97 0.43	115 2.44	126 2.15
OMBU160083 84699537	1	HART120080 OMBU130127			107 69	92 68	113 55	100 51	97 38	100 54	97 64	97 33	98 50	93 39	93 14	107 0.27	104 -2.2	97 18	92 10.9	113 7.6	105 86	91 16.6	102 85	66 -46	106 -47	108 0.8	101 13.1	100 -8.9	94 0.5	103 33.9	106 2	97 11	73 -2.04	109 1.55	98 -0.26
OMBU160086 84699560	2	HART120080 OMBU130102			114 68	84 68	92 56	126 52	101 38	94 54	88 64	88 32	91 50	78 39	75 -10	113 -0.42	100 -1.6	79 -9	84 6.3	92 1.4	88 45	84 11.0	94 58	82 -7	103 -42	100 0.3	91 7.4	107 -13.0	94 0.6	105 35.1	94 -8	83 -1	61 -3.26	108 1.33	95 -0.44
OMBU160098 84820513		VV 080161 OMBU050023			122 69	78 68	118 60	125 57	82 38	94 55	95 65	89 32	92 50	82 34	78 -6	122 -1.32	103 -2.0	78 -10	78 3.0	118 9.3	108 92	81 7.7	86 25	103 43	96 -30	94 0.0	92 7.9	101 -9.5	78 3.4	87 23.7	97 -6	87 2	91 -0.21	102 0.42	100 -0.05
OMBU170002 84820554		VV 080161 OMBU110012			102 70	96 69	125 58	97 58	84 40	99 56	105 66	94 32	97 51	97 34	101 25	102 0.81	101 -1.7	100 22	96 12.9	125 11.5	118 117	97 22.4	91 46	87 6	94 -27	99 0.3	93 8.5	98 -7.8	78 3.4	95 28.9	107 2	101 14	104 1.07	105 0.84	100 -0.03
OMBU170005 84820588	2	HART120080 OMBU130122			113 79	92 77	111 80	115 75	113 45	114 66	103 77	88 37	109 60	87 37	78 -6	110 -0.12	106 -2.3	85 0	92 10.5	111 7.0	110 98	87 13.3	101 83	103 43	99 -35	109 0.8	102 13.8	98 -8.0	116 -3.4	112 38.9	97 -6	95 9	70 -2.27	110 1.57	101 0.04
OMBU170009 84820620		HART090332 CWS 050059			122 80	93 79	114 82	98 77	95 52	107 68	103 79	105 38	106 62	105 34	95 17	122 -1.30	111 -3.1	99 21	93 11.3	114 8.1	106 88	94 19.9	97 69	95 23	95 -28	107 0.7	95 9.8	85 -0.6	102 -0.9	109 37.5	111 5	99 13	90 -0.31	116 2.55	127 2.21
OMBU170015 84820687	2	ERH 100063 IH 060066			92 80	93 79	92 81	97 75	112 49	89 67	82 79	93 37	88 61	86 35	87 5	91 1.92	99 -1.4	102 24	93 11.4	92 1.2	86 40	97 22.3	83 16	95 23	86 -13	73 -1.2	76 -1.5	105 -12.1	121 -4.2	98 30.7	93 -9	84 -1	106 1.33	94 -0.83	109 0.70
OMBU170034 85502920	1	HART090332 IH 120026			129 80	89 77	69 78	115 75	99 51	91 67	84 77	110 37	93 61	98 38	82 -1	125 -1.65	121 -4.4	87 2	89 9.2	69 -5.8	68 -5	93 18.4	104 94	109 58	111 -55	94 0.0	100 13.0	100 -9.1	99 -0.4	105 34.9	116 10	98 12	82 -1.14	111 1.80	123 1.90
OMBU170042 93644375	2	OMBU120020 OMBU140049			136 67	78 54	93 51	122 48	98 35	97 47	87 55	97 28	96 43	86 30	81 -3	135 -2.72	121 -4.4	82 -4	78 3.4	93 1.5	81 28	80 6.9	94 55	93 19	109 -51	86 -0.5	94 9.0	105 -12.0	93 0.6	99 31.1	109 4	93 8	97 0.41	94 -0.89	96 -0.36

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
OMBU170053 85503084	1	HART090332 ERH 110074		111 72	100 72	81 61	101 60	102 48	96 59	93 68	106 39	97 55	106 42	94 15	108 0.09	111 -3.0	98 20	100 15.0	81 -2.1	85 36	96 21.2	102 88	54 -75	97 -32	100 0.3	104 15.2	87 -1.7	118 -3.8	97 29.8	105 0	97 11	96 0.24	117 2.75	123 1.91
OMBU170055 85503100		HART120318 OMBU140099		106 79	98 76	117 77	99 75	89 47	102 65	106 76	118 37	105 59	110 41	96 18	106 0.33	101 -1.7	98 19	98 13.9	117 9.0	114 107	103 27.9	106 101	112 64	104 -44	96 0.1	107 16.8	72 6.7	106 -1.6	98 30.7	112 6	105 18	99 0.60	109 1.50	120 1.65
OMBU170064 85503407		VV 080161 OMBU110032		117 80	85 79	95 82	109 77	103 48	94 67	84 79	95 39	92 61	87 34	82 -1	121 -1.25	97 -1.2	90 7	85 7.0	95 2.1	86 40	87 13.4	88 34	84 -2	95 -28	97 0.1	93 8.8	114 -17.3	91 1.0	103 33.5	99 -4	90 5	100 0.69	111 1.73	102 0.14
OMBU170074 85503241		ERH 090054 OMBU120112		102 78	94 74	90 75	109 75	103 46	92 64	89 75	95 31	91 57	82 34	85 3	102 0.81	97 -1.1	90 7	94 11.6	90 0.7	91 50	92 18.1	94 55	109 57	112 -56	74 -1.1	99 12.0	107 -13.3	96 0.2	103 33.6	113 7	92 7	99 0.60	92 -1.25	97 -0.31
OMBU170079 85503290	1	HART090332 IH 070083		127 81	92 78	83 81	96 78	123 53	107 68	88 79	98 36	105 62	93 36	99 21	122 -1.33	125 -5.0	104 27	92 10.8	83 -1.5	77 17	96 21.5	92 50	88 7	94 -27	103 0.5	96 10.1	118 -19.4	120 -4.1	108 36.6	105 1	87 3	78 -1.50	111 1.72	122 1.84
OMBU170083 85538874		VV 080161 OMBU110015		120 70	87 70	124 60	110 58	87 39	104 56	105 67	95 34	102 52	92 34	89 9	116 -0.73	114 -3.4	88 4	87 8.2	124 10.9	116 113	91 16.7	94 58	97 29	100 -36	96 0.1	103 14.4	102 -10.0	79 3.2	98 30.8	105 1	98 12	99 0.54	107 1.10	101 0.01
OMBU170090 85538940	1	VV 080161 OMBU110006		100 71	95 71	116 60	107 58	79 43	93 57	103 67	83 36	89 53	84 38	89 8	99 1.09	97 -1.2	90 7	95 12.2	116 8.7	115 111	94 19.4	84 18	79 -15	91 -22	102 0.4	99 11.9	98 -7.8	73 4.2	94 28.5	94 -7	86 1	100 0.67	101 0.23	96 -0.42
OMBU170091 85538957		ERH 090054 OMBU120018		86 71	97 71	104 60	103 57	100 39	91 56	93 67	98 32	91 51	87 34	90 10	85 2.52	89 -0.2	95 14	97 13.4	104 5.0	104 83	94 19.6	97 68	92 16	113 -58	70 -1.4	100 12.5	100 -9.2	100 -0.6	96 29.5	122 14	102 15	104 1.09	84 -2.48	96 -0.43
OMBU170093 85538965	2	HART090332 HART110082		102 72	96 71	81 61	105 60	100 45	87 58	86 68	105 37	89 54	104 40	89 8	103 0.66	97 -1.2	94 13	96 12.7	81 -2.0	83 31	98 22.8	95 61	95 23	92 -24	100 0.3	93 8.3	97 -7.2	105 -1.4	103 33.4	102 -1	94 8	85 -0.78	113 2.06	123 1.89
OMBU170094 85538973	1	HART090332 HART080112		100 72	103 72	73 62	100 60	91 47	83 59	88 69	109 38	86 55	102 42	95 17	101 0.84	98 -1.3	100 22	103 16.4	73 -4.7	79 23	100 24.9	102 88	91 15	103 -42	100 0.3	100 12.8	85 -0.5	102 -1.0	96 29.4	106 2	96 10	77 -1.60	109 1.53	126 2.16
OMBU170126 86285301		HART090332 CWS 050059		113 72	96 73	104 64	102 61	98 47	104 60	101 70	104 34	103 55	103 34	92 13	112 -0.24	108 -2.7	95 15	96 13.0	104 4.9	102 79	94 19.7	100 79	91 13	100 -36	106 0.7	100 12.7	96 -6.5	104 -1.2	100 31.7	116 9	102 16	89 -0.41	115 2.42	126 2.10
OMBU170136 86285400		GMS 080273 OMBU130121		109 79	89 77	103 80	102 75	104 46	95 66	88 77	105 33	96 59	101 17	90 10	114 -0.47	92 -0.6	96 17	89 9.1	103 4.6	94 59	90 15.9	103 89	80 -12	112 -57	86 -0.5	124 27.2	99 -8.6	105 -1.4	106 35.5	126 17	110 23	100 0.66	104 0.64	109 0.71

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																															
OMBU170170 86384286		VV 080161 OMB100116		96 77	84 75	130 77	98 75	84 41	84 64	88 76	93 32	84 58	90 34	106 32	102 0.81	85 0.5	99 21	84 6.2	130 12.9	111 99	88 14.7	91 43	84 -2	91 -21	104 0.5	93 8.8	97 -7.2	74 4.0	102 33.3	103 -1	95 10	98 0.44	102 0.41	99 -0.12
OMBU170504 85078830	2	ERH 090054 IH 100068		88 72	110 62	102 59	85 57	96 42	97 54	102 62	96 38	95 51	95 38	110 36	90 2.02	98 -1.2	116 46	110 20.0	102 4.3	102 77	106 30.6	97 69	98 31	109 -52	69 -1.4	103 14.6	90 -3.3	110 -2.3	88 24.7	128 19	108 21	109 1.59	83 -2.67	93 -0.69
OMBU180010 86597002		VV 080161 WAGB100036		108 78	95 75	128 74	99 75	79 47	100 64	107 75	100 40	99 59	100 40	100 23	111 -0.17	97 -1.1	98 19	95 12.0	128 12.4	121 123	96 21.6	95 60	101 39	99 -35	99 0.3	93 8.3	85 -0.7	72 4.4	109 37.3	115 9	105 18	103 1.00	114 2.29	96 -0.40
OMBU180024 87117537	1	ERH 130044 OMB140063		103 79	101 76	98 78	111 76	118 49	114 66	104 77	81 37	107 60	86 43	92 13	103 0.65	127 -5.2	88 5	101 15.6	98 3.0	106 87	97 22.6	88 34	94 22	88 -16	73 -1.2	100 12.7	107 -13.1	115 -3.2	114 40.5	98 -5	96 10	116 2.28	88 -1.87	105 0.39
OMBU180035 87199550	2	HART090332 JS 130204		114 79	107 77	68 80	112 78	90 51	97 67	102 78	109 38	98 61	103 36	87 6	111 -0.21	124 -4.8	88 5	107 18.8	68 -6.1	85 36	99 24.4	100 80	94 22	99 -35	104 0.6	104 15.4	77 4.2	99 -0.4	111 38.3	111 5	94 8	84 -0.88	115 2.43	122 1.82
OMBU180043 87199634		HART090332 IH 110049		135 72	87 62	75 60	108 60	87 46	86 55	84 63	99 36	87 51	100 41	88 7	136 -2.74	121 -4.4	91 9	87 8.1	75 -3.8	70 1	88 14.4	97 67	94 20	104 -43	103 0.5	105 15.5	84 0.3	98 -0.3	93 27.4	112 6	95 9	80 -1.36	120 3.28	124 2.00
OMBU180052 87199725	1	HART090332 JS 110121		103 79	112 77	107 77	84 77	101 52	112 67	114 77	121 37	115 61	118 38	110 37	100 0.97	114 -3.5	117 47	112 21.3	107 5.7	107 91	112 35.4	114 133	95 23	107 -48	120 1.4	91 7.3	91 -4.1	108 -2.1	105 34.7	123 15	119 30	109 1.60	123 3.64	124 1.93
OMBU180057 87199774	1	GMS 080273 OMB120006		81 78	115 75	118 74	74 75	67 48	87 65	115 75	105 34	89 59	113 19	131 65	82 2.87	102 -1.8	130 67	115 22.8	118 9.1	111 99	114 37.9	107 105	106 50	114 -60	102 0.4	114 21.0	70 7.9	76 3.7	97 30.1	135 25	126 37	105 1.15	107 1.20	110 0.81
OMBU180064 87199840		GMS 080273 OMB100104		89 76	108 73	120 76	79 75	97 40	104 62	109 74	110 30	105 56	110 8	125 57	91 1.93	101 -1.7	123 56	108 19.1	120 10.0	111 100	107 30.9	107 105	112 64	113 -59	95 0.1	118 23.5	97 -7.4	99 -0.4	101 32.3	147 34	129 40	101 0.78	102 0.39	109 0.69
OMBU180073 87199931	2	ERH 130044 OMB140124		81 77	123 76	102 76	82 76	117 48	118 65	119 76	100 36	115 59	104 44	122 54	74 3.70	115 -3.6	120 52	123 27.5	102 4.3	111 100	118 41.5	99 75	120 84	100 -37	77 -1.0	109 17.9	109 -14.2	112 -2.7	115 40.7	111 6	112 24	128 3.45	89 -1.61	112 0.92
OMBU180085 87265195	1	ERH 130044 OMB140048		103 78	103 76	93 78	105 77	116 47	110 65	102 77	90 34	106 59	93 42	96 18	98 1.15	108 -2.7	93 12	103 16.6	93 1.5	100 73	101 25.8	94 58	99 32	95 -29	62 -1.8	105 15.6	112 -16.0	108 -2.0	116 41.5	101 -2	100 14	120 2.65	89 -1.72	110 0.75
OMBU180100 88020821	1	HART090332 HART110106		120 79	98 77	101 77	91 77	111 52	111 67	100 77	98 44	108 62	96 42	103 27	118 -0.88	118 -4.0	109 35	98 14.0	101 4.2	95 61	99 24.3	99 75	109 56	102 -41	97 0.2	105 15.7	95 -6.1	122 -4.5	106 35.2	115 9	100 13	76 -1.75	99 -0.17	113 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 Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling		
			Sire ID Dam ID																																	
OMBU180111 88020938	1	ERH 130044 OMBU120092		97 79	111 77	113 78	91 76	117 48	121 66	115 77	93 37	116 60	99 42	108 35	94 1.59	107 -2.6	108 35	111 20.6	113 7.6	115 110	107 30.9	97 67	118 80	93 -25	102 0.4	106 16.3	117 -18.8	107 -1.8	112 39.3	102 63	105 52	111 1.79	87 -2.04	114 1.11		
OMBU180113 88020953		ERH 130044 OMBU090041		107 77	99 75	112 78	91 75	118 39	115 63	103 76	95 33	111 57	102 38	103 28	102 0.75	116 -3.7	108 33	99 14.6	112 7.3	105 85	98 22.9	97 67	97 29	92 -24	80 -0.8	99 12.3	112 -16.0	115 -3.2	107 36.3	107 65	130 20	118 29	111 1.78	87 -1.95	111 0.91	
OMBU180122 88043146	1	HART120318 OMBU140060		106 77	98 74	123 71	91 73	88 47	103 63	106 74	103 38	102 58	105 41	109 36	107 0.22	104 -2.1	107 32	98 13.9	123 10.8	114 106	101 26.0	102 86	101 38	102 -40	87 -0.4	115 21.6	80 2.1	100 -0.5	96 29.2	96 65	100 30	100 62	97 0.43	110 1.56	121 1.72	
OMBU180126 88043187		ERH 130044 OMBU070021		89 77	105 74	114 76	91 75	114 41	109 63	105 75	93 31	106 57	100 38	121 52	86 2.48	114 -3.4	108 33	105 17.4	114 7.9	111 101	98 22.8	96 63	97 28	88 -18	89 -0.3	99 12.1	111 -15.2	112 -2.6	101 32.5	101 54	110 5	104 18	113 1.94	89 -1.66	108 0.64	
OMBU180129 88043211		ERH 130044 OMBU100116		79 77	107 75	127 78	78 75	108 40	106 63	108 76	91 31	102 57	98 38	133 68	75 3.56	98 -1.3	123 56	107 18.6	127 11.9	115 109	105 29.2	94 58	91 13	85 -12	96 0.1	97 11.1	102 -10.1	107 -1.7	105 34.8	105 58	106 37	109 52	106 49	112 1.87	88 -1.77	107 0.55
OMBU180133 88043245		ERH 130044 OMBU060022		100 78	91 75	112 78	99 76	110 41	100 64	92 76	81 34	94 58	89 38	99 23	97 1.24	120 -4.3	99 21	91 10.0	112 7.3	102 78	88 14.6	91 44	86 3	84 -11	98 0.2	98 11.6	107 -13.0	108 -2.0	103 33.8	103 64	98 39	102 58	98 1.13	88 -1.80	106 0.45	
OMBU180134 88043252		ERH 130044 OMBU120061		104 78	103 76	107 77	90 76	119 48	115 65	104 76	82 36	108 59	95 39	109 36	99 1.09	115 -3.6	109 35	103 16.5	107 6.0	104 83	100 25.1	96 64	103 43	95 -28	85 -0.5	120 24.4	112 -16.0	113 -2.8	115 40.8	115 68	102 -2	103 16	106 1.32	95 -0.80	113 1.03	
OMBU180135 88043260	1	HART090332 HART080243		123 79	96 77	93 79	102 76	107 52	107 67	98 77	112 40	108 62	108 43	91 11	119 -1.02	120 -4.2	96 17	96 12.7	93 1.5	91 53	100 25.1	103 89	107 53	103 -42	104 0.5	88 5.8	96 -7.0	107 -1.9	113 39.8	113 66	108 36	117 61	108 21	99 0.60	116 2.59	134 2.85
OMBU190006 88116116	1	HART090332 OMBU110003		105 78	100 77	98 79	89 78	100 52	97 67	95 78	99 37	96 61	95 38	105 30	102 0.74	113 -3.3	111 39	100 14.9	98 3.1	93 56	100 25.4	96 63	111 62	99 -34	108 0.8	103 14.6	102 -10.0	96 0.1	109 37.1	109 58	94 7	113 55	85 -0.82	118 2.89	123 1.88	
OMBU190011 88116165	1	HART090332 IH 100045		130 79	94 77	111 78	110 76	93 50	113 66	111 77	96 35	110 60	96 36	89 9	126 -1.72	127 -5.3	88 5	94 11.6	111 7.2	111 100	96 21.0	95 61	76 -22	90 -20	102 0.4	98 11.7	83 0.6	98 -0.2	108 36.8	108 64	94 51	104 53	94 0	105 -1.04	118 0.88	118 1.48
OMBU190017 88164488	1	HART090332 OMBU110005		106 79	103 77	96 78	99 76	101 51	103 67	103 77	96 38	101 61	93 38	96 18	101 0.90	115 -3.5	100 21	103 16.5	96 2.4	99 72	100 24.7	95 60	95 24	98 -34	103 0.5	101 13.4	100 -9.1	99 -0.3	111 38.3	111 67	95 52	109 58	82 -1.11	108 1.33	109 0.74	
OMBU190040 88816616	1	HART090332 IH 110073		117 78	102 77	102 77	88 77	107 52	111 67	104 77	113 38	112 61	108 38	113 41	112 -0.31	123 -4.6	112 40	102 16.0	102 4.2	97 66	105 29.4	109 113	117 77	111 -56	105 0.6	106 16.5	100 -9.1	108 -2.1	111 38.3	111 60	125 16	112 25	92 -0.12	105 0.88	133 2.73	

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	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 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
OMBU190047 88864202		HART090332 OMBU110044			97 78	103 76	96 76	91 75	114 50	103 65	95 76	102 37	102 59	106 34	98 21 70	100 0.95 79	95 -0.9 76	109 35 75	103 16.8 76	96 2.4 76	95 61 76	102 26.7 76	100 79 54	90 12 62	100 -36 17	107 0.7 61	123 26.4 64	105 -11.9 51	121 -4.2 34	101 32.3 65	117 10 58	103 17 54	88 -0.54 32	117 2.78 36	123 1.89 33
OMBU190057 88988415		HART090332 OMBU120104			91 77	98 76	113 76	90 75	94 49	92 65	94 76	104 34	93 59	104 34	105 30 72	98 1.21 78	86 0.3 75	109 35 75	98 14.1 76	113 7.6 76	104 84 76	103 27.4 76	100 79 49	111 62 65	103 -42 17	98 0.2 52	113 20.2 61	84 0.3 51	100 -0.6 32	109 37.6 64	116 10 51	104 17 49	87 -0.65 32	117 2.70 36	122 1.82 33
OMBU190059 88988431		AG 150078 OMBU100104			79 76	114 74	132 76	79 76	86 40	104 63	120 75	98 32	102 57	99 34	132 67 73	78 3.24 77	98 -1.4 74	123 55 76	114 22.3 74	132 13.5 76	125 133 75	112 35.6 74	100 81 46	116 73 52	104 -43 15	105 0.6 52	127 28.9 53	83 0.9 39	87 1.8 21	107 35.8 59	118 11 51	120 31 48	106 1.23 31	72 -4.41 36	87 -1.13 32
OMBU190066 89480313		BRD 140100 OMBU140063			78 75	121 72	95 70	95 72	88 43	100 61	114 72	105 28	100 54	108 20	106 31 67	72 3.86 77	84 0.6 72	104 28 72	121 26.4 72	95 2.1 70	113 105 71	119 41.6 74	101 83 41	91 15 55	100 -37 13	94 0.0 49	102 14.1 56	82 1.0 46	100 -0.5 26	93 27.9 58	116 10 46	113 25 42	113 1.96 20	99 -0.12 21	107 0.54 19
OMBU190077 89794424		BRD 140100 OMBU140050			98 70	114 70	92 62	87 69	80 41	94 58	108 68	106 29	96 52	115 24	117 46 48	99 1.10 74	104 -2.1 67	115 44 69	114 22.7 70	92 1.2 62	99 70 67	115 38.3 72	99 74 56	96 26 11	97 -31 52	114 1.1 52	106 16.2 56	72 7.0 46	95 0.3 23	95 29.1 55	111 6 49	105 18 44	102 0.91 23	107 1.20 24	115 1.18 22
OMBU190082 89794481	1	BRD 140100 OMBU140049			96 76	117 73	99 71	77 73	107 44	110 62	114 73	115 33	112 56	112 22	127 60 68	94 1.57 78	110 -3.0 73	127 62 73	117 23.9 73	99 3.5 71	101 75 72	115 38.6 72	107 107 46	93 20 57	111 -54 15	89 -0.3 57	102 13.9 61	102 -10.0 47	107 -1.8 27	101 32.5 58	119 12 53	112 24 47	115 2.16 22	91 -1.38 23	113 1.01 21
OMBU190088 89794549		BRD 140100 OMBU150043			87 75	112 73	100 73	81 73	111 41	104 62	105 73	108 29	105 55	114 18	120 51 69	83 2.72 77	109 -2.8 72	122 54 73	112 21.3 73	100 3.7 73	99 72 73	116 39.0 74	97 68 45	96 26 55	93 -25 9	101 0.4 56	99 12.4 60	105 -11.9 43	112 -2.7 23	103 33.7 58	116 10 52	112 25 46	115 2.18 18	98 -0.25 18	113 1.00 16
OMBU190098 89794614	2	AG 150078 OMBU150056			93 76	103 75	98 73	96 74	82 46	87 64	97 74	94 36	86 58	95 38	102 26 72	96 1.41 78	92 -0.6 73	103 26 74	103 16.6 75	98 3.2 73	100 73 74	102 27.1 76	94 55 50	90 10 65	101 -38 19	101 0.4 57	114 21.4 62	76 4.4 50	84 2.2 28	114 40.2 60	113 7 55	107 20 52	110 1.70 36	85 -2.38 41	88 -1.03 37
OMBU190099 89794622	1	BRD 140100 OMBU150029			90 75	120 73	99 71	83 74	103 44	111 62	116 73	107 28	110 55	108 20	123 54 68	89 2.15 77	104 -2.1 73	120 51 74	120 25.7 73	99 3.4 71	107 89 73	118 41.4 74	103 92 43	90 11 45	106 -47 10	96 0.1 52	106 16.7 54	93 -5.2 48	109 -2.1 26	104 34.5 58	119 12 49	112 24 44	108 1.48 19	91 -1.33 20	105 0.40 17
OMBU190101 89794648	1	AG 150126 OMBU120070			93 75	102 74	119 71	96 73	91 44	101 62	107 73	107 29	102 55	107 26	107 33 69	92 1.86 77	99 -1.4 73	101 23 73	102 16.1 74	119 9.5 71	117 115 73	104 28.2 75	106 102 39	85 -1 68	108 -49 16	91 -0.2 46	105 15.6 60	80 2.1 47	100 -0.5 28	104 34.3 58	121 14 44	113 25 40	108 1.45 24	98 -0.33 36	108 0.66 24
OMBU190105 89794689	1	HART090332 OMBU120051			113 77	110 74	96 74	96 75	96 50	111 64	113 74	111 34	111 58	111 34	94 15 71	108 0.13 78	117 -3.9 75	103 27 75	110 20.1 74	96 2.5 74	104 83 74	106 30.5 74	104 93 49	93 18 60	105 -45 18	107 0.7 53	107 17.2 59	92 -4.7 52	96 0.2 33	110 37.6 64	121 14 52	106 19 49	89 -0.37 32	118 2.94 35	124 1.94 32
OMBU190110 89794721	2	AG 150078 OMBU150107			112 75	97 74	94 72	117 74	69 46	87 63	101 74	97 38	87 58	91 38	86 71 71	113 -0.36 77	97 -1.2 73	85 0 74	97 13.1 74	94 1.7 72	99 72 73	97 22.1 74	97 66 52	116 73 63	110 -52 20	121 1.5 59	127 29.0 63	83 0.9 50	60 6.6 28	110 38.1 59	108 3 57	103 17 53	95 0.22 36	89 -1.66 41	100 -0.07 37

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 Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
OMBU190117 89794788	1	AG 150126 OMB130037		133 76	82 74	115 71	126 73	81 45	102 63	103 74	96 32	100 57	92 28	80 -3 68	131 -2.29 78	134 -6.2 73	78 -10 73	82 5.1 74	115 8.2 71	109 94 73	86 12.6 74	101 84 45	88 7 69	113 -59 17	98 0.2 54	115 21.6 65	81 1.9 48	80 2.9 28	106 35.5 59	113 7 50	104 18 45	100 0.69 27	100 0.12 29	103 0.22 27
HART200055 89925044	1	HART110058 HART130315		76 91	99 91	91 90	94 90	73 88	64 83	82 91	111 88	70 84	92 89	108 34 89	73 3.77 91	82 0.9 90	106 30 90	99 14.6 91	91 1.0 90	89 47 90	102 26.9 90	100 77 88	140 132 93	110 -53 87	113 1.1 89	84 3.0 89	96 -6.6 88	74 4.1 86	86 23.7 89	136 26 89	104 17 89	45 -4.81 89	82 -2.73 89	75 -2.18 89
OMBU200015 89835011	2	AG 150126 OMB130121		87 76	94 74	104 75	109 74	98 40	89 62	90 74	107 32	91 56	99 26	90 10 71	91 1.87 78	75 1.8 74	89 6 74	94 11.5 74	104 5.0 75	104 82 74	96 21.8 68	103 91 46	94 22 59	110 -54 14	83 -0.6 56	103 14.6 61	92 -4.2 36	98 -0.1 26	107 36.0 58	123 15 52	108 21 47	108 1.52 24	97 -0.35 27	105 0.36 25
OMBU200018 89933857	1	HART090332 IH 110065		89 78	111 76	114 76	95 75	111 48	117 65	114 76	113 40	117 60	110 36	98 21 72	94 1.60 79	86 0.4 75	102 26 75	111 20.8 76	114 8.0 76	121 123 76	109 33.2 74	110 117 56	90 12 55	107 -49 20	101 0.4 64	117 23.2 63	106 -12.4 47	107 -1.9 34	113 39.6 64	120 13 61	108 21 57	95 0.17 35	114 2.24 38	128 2.31 35
OMBU200023 90016528	1	HART110073 IH 100065		126 77	80 72	81 70	129 73	102 48	92 63	82 73	78 40	87 58	81 42	76 -8 69	125 -1.60 79	108 -2.7 74	77 -12 73	80 4.2 72	81 -2.0 70	74 10 72	83 10.1 66	86 26 54	90 11 68	80 -4 23	90 -0.3 61	95 10.1 67	111 -15.2 45	100 -0.5 34	97 30.3 64	78 -20 58	81 -3 54	81 -1.21 40	84 -2.44 43	100 -0.07 40
OMBU200027 90510850	1	HART090332 OMB140067		117 77	102 75	110 76	89 75	92 49	108 65	109 75	109 40	108 60	111 37	105 30 73	115 -0.59 78	118 -4.0 75	111 38 75	102 16.2 75	110 6.9 76	105 85 75	104 29.0 74	109 113 57	88 7 57	110 -53 20	87 -0.4 66	118 23.7 65	82 1.2 53	99 -0.4 33	107 36.4 62	120 13 62	111 23 58	89 -0.42 35	113 2.18 39	126 2.18 36
OMBU200028 90510868	1	HART090332 OMB120091		111 77	105 75	87 76	92 75	96 48	99 65	99 75	108 36	100 59	100 37	100 23 71	111 -0.13 78	111 -3.1 75	108 34 75	105 17.7 75	87 -0.3 76	90 48 75	107 30.9 75	102 88 50	117 76 51	109 -51 19	100 0.3 55	103 14.6 55	79 3.0 50	110 -2.3 32	104 34.5 63	113 7 53	100 13 51	81 -1.19 35	113 2.10 39	125 2.07 36
OMBU200045 90511031	1	HART090332 OMB120082		111 76	98 75	110 74	104 75	106 49	112 64	105 75	103 38	110 59	101 38	90 10 69	113 -0.34 78	100 -1.6 74	93 12 75	98 13.8 75	110 6.7 74	110 98 75	96 21.6 76	95 58 54	98 31 59	98 -33 20	101 0.4 60	108 17.3 61	99 -8.5 51	104 -1.2 32	111 38.4 64	108 3 57	97 11 54	92 -0.15 36	115 2.39 39	117 1.37 36
OMBU200057 90605122	1	HART160088 OMB120072		92 75	106 73	103 68	101 72	97 44	102 61	105 72	98 34	100 56	100 38	100 23 69	92 1.84 77	94 -0.8 72	97 18 72	106 18.2 73	103 4.6 68	110 97 71	103 27.7 73	94 58 49	84 -2 57	101 -38 16	117 1.3 58	88 5.9 60	97 -7.6 47	98 -0.2 27	98 30.7 59	98 -5 55	111 24 50	99 0.56 36	99 -0.07 40	101 0.07 36
OMBU200065 90605197	2	HART160088 IH 090012		81 76	111 74	98 68	92 72	88 47	90 63	101 73	103 37	91 58	104 40	114 42 70	86 2.46 78	85 0.4 72	108 33 72	111 20.6 74	98 3.0 68	104 82 71	110 33.6 74	103 89 47	86 1 65	104 -42 24	120 1.4 54	102 13.7 61	80 2.4 50	101 -0.8 32	96 29.2 59	97 -5 51	114 26 48	103 1.03 39	88 -1.82 42	99 -0.14 39
OMBU200076 91190637	1	HART090332 OMB170139		83 75	108 74	91 73	101 75	112 50	100 64	96 74	110 38	101 59	101 38	91 11 73	92 1.86 77	72 2.2 73	98 19 75	108 19.1 74	91 0.8 73	100 74 74	109 33.0 74	104 95 54	118 79 54	109 -52 19	92 -0.1 58	106 16.6 58	107 -13.0 53	110 -2.3 34	109 37.2 63	117 11 57	100 13 54	88 -0.49 36	112 1.89 40	120 1.64 37
OMBU200077 91190645	1	HART090332 OMB160002		73 75	112 74	114 71	88 74	102 49	102 63	107 74	110 38	104 58	111 40	104 28 72	80 3.06 77	77 1.5 73	111 38 74	112 21.6 74	114 7.9 71	116 112 73	113 36.4 74	107 106 56	84 -3 58	111 -54 18	100 0.3 63	113 20.6 63	84 0.1 52	113 -2.8 33	108 36.7 63	133 23 60	111 24 56	99 0.62 37	110 1.57 42	116 1.30 37

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																															
OMBU200078 91190611	2	AG 150078 OMBU120006		83 76	108 74	112 70	87 74	69 47	84 63	105 74	94 38	83 58	93 38	115 44	82 2.90	99 -1.4	112 40	108 19.2	112 7.4	110 98	108 31.8	98 71	134 118	108 -50	109 0.8	117 23.0	77 4.1	75 3.9	96 29.5	114 8	111 23	101 0.80	82 -2.86	87 -1.11
OMBU200085 91265272	1	AG 150078 OMBU120068		102 75	106 73	84 69	98 73	76 46	85 62	99 73	87 34	83 56	89 36	106 31	102 0.79	103 -2.0	101 24	106 18.3	84 -1.2	91 53	100 24.8	92 50	79 -14	103 -41	115 1.1	123 26.7	78 3.5	83 2.5	99 31.2	103 -1	100 14	94 0.09	88 -1.92	91 -0.81
OMBU200086 91265280	1	HART160088 OMBU160061		96 75	117 73	78 68	84 72	97 46	97 62	104 72	112 32	99 56	108 41	126 59	95 1.45	108 -2.6	119 51	117 23.9	78 -3.1	88 44	116 39.2	107 105	120 83	116 -62	112 1.0	105 15.6	85 -0.6	105 -1.4	105 34.9	112 6	121 32	99 0.63	100 0.12	110 0.79
OMBU200092 91265348	2	AG 150078 OMBU110026		101 75	92 73	100 70	106 73	77 44	81 62	92 73	79 37	78 57	77 38	92 68	98 1.23	114 -3.4	92 11	92 10.9	100 3.8	97 67	89 15.0	86 25	80 -12	93 -26	110 0.9	115 21.6	87 -1.7	77 3.5	99 31.4	92 -9	87 2	89 -0.42	78 -3.38	82 -1.56
OMBU200093 91265363	1	AG 150078 WAGB100036		81 76	114 75	97 70	85 74	70 47	81 63	102 74	93 40	80 58	100 40	113 41	88 2.24	84 0.5	117 47	114 22.3	97 2.7	101 76	111 34.7	96 63	91 15	99 -35	108 0.8	115 21.8	59 14.6	81 2.7	108 36.9	116 9	111 24	102 0.89	90 -1.46	82 -1.57
OMBU200104 91301002	1	HART160088 OMBU150056		88 75	115 73	94 68	93 73	106 45	106 62	109 72	106 32	106 56	108 38	105 30	82 2.81	108 -2.6	107 32	115 23.0	94 1.8	105 84	111 34.7	100 80	106 50	108 -50	100 0.3	95 9.8	85 -0.7	112 -2.7	113 39.5	118 11	125 36	113 2.00	96 -0.54	102 0.09
OMBU200107 91301036	1	BRD 140100 HART080243		79 75	114 72	112 64	74 70	86 45	93 61	109 71	110 34	95 56	114 28	135 70	85 2.54	91 -0.4	130 67	114 22.4	112 7.4	106 88	119 42.3	102 85	114 69	101 -38	105 0.6	96 10.5	82 1.3	92 0.9	102 33.2	112 7	116 28	116 2.26	101 0.24	119 1.56
OMBU200116 91301119	4	AG 150078 OMBU120031		97 76	98 74	100 70	108 74	97 48	96 63	98 74	91 40	94 58	89 42	94 15	93 1.66	102 -1.8	90 8	98 13.9	100 3.6	103 81	95 20.2	94 58	77 -19	100 -36	104 0.6	133 32.2	91 -3.9	106 -1.7	98 30.5	86 -15	90 4	107 1.36	83 -2.71	94 -0.56
OMBU200119 91301143	5	HART110073 OMBU180024		114 75	89 73	82 69	120 73	111 47	97 62	88 73	77 35	92 57	80 40	85 4	111 -0.17	107 -2.5	84 -2	89 9.1	82 -1.7	82 29	88 14.7	83 15	80 -14	77 2	80 -0.8	87 4.9	111 -15.4	108 -1.9	105 34.8	80 -19	80 -4	93 -0.02	85 -2.34	108 0.64
OMBU200120 91301150	2	AG 150078 OMBU130125		87 74	110 74	105 70	87 73	80 45	91 62	104 73	101 34	91 56	98 37	114 42	93 1.69	88 0.0	114 42	110 20.5	105 5.3	106 89	105 29.7	102 87	100 37	112 -56	95 0.0	122 25.7	72 6.8	89 1.4	104 34.3	115 9	110 22	107 1.35	81 -2.92	94 -0.58
OMBU200130 91300954	1	BRD 140100 HART110106		69 75	123 73	100 68	77 72	97 44	98 61	111 72	96 41	96 57	103 26	129 63	72 3.85	78 1.4	128 64	123 27.0	100 3.7	105 86	121 43.5	92 48	108 54	91 -22	102 0.4	84 3.5	86 -0.9	112 -2.7	93 27.9	108 3	105 18	93 -0.02	83 -2.56	97 -0.31
OMBU200132 91300970	2	HART160088 OMBU170079		108 73	105 72	65 68	101 73	115 45	99 61	90 71	100 31	98 55	99 38	98 21	109 0.01	102 -1.8	99 21	105 17.6	65 -6.9	75 14	106 30.3	96 63	108 55	104 -43	110 0.9	96 10.4	106 -12.4	116 -3.5	104 34.5	100 -3	105 18	90 -0.33	99 -0.11	112 0.92

Breeding Values and Accuracies: Cows & Heifers

Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass			
ID Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
OMBU210001 91322669	2	AG 150078 IH 100065			114 75	98 74	108 70	115 74	78 47	101 63	109 73	80 42	96 59	87 42	91 12	113 -0.43	102 -1.9	85 0	98 13.6	108 6.2	114 107	96 21.9	90 40	83 -5	92 -24	107 0.7	129 30.0	87 -1.8	78 3.3	101 32.4	86 -14	93 8	97 0.37	75 -3.84	82 -1.59
OMBU210003 91322693	2	HART160088 OMBU090002			77 74	115 73	97 68	86 72	92 45	93 61	104 72	103 32	94 55	99 40	116 45	79 3.20	92 -0.5	115 44	115 22.8	97 2.9	103 82	111 35.0	104 94	114 70	119 -67	102 0.4	99 12.3	81 1.9	102 -1.0	101 32.4	124 16	124 35	98 0.45	89 -1.71	97 -0.31
OMBU210022 91967042		HART090332 OMBU100125			90 75	105 71	120 71	82 74	102 43	105 61	107 72	110 37	106 56	116 34	116 46	91 1.95	102 -1.9	119 50	105 17.9	120 9.8	111 99	106 30.2	104 95	100 37	97 -31	92 -0.1	119 24.0	92 -4.7	107 -1.7	104 34.3	123 15	113 25	94 0.13	114 2.28	124 1.96
OMBU210024 91967067	2	AG 150078 OMBU110037			84 74	100 73	96 69	104 73	69 43	73 61	91 72	78 37	70 56	81 38	96 18	86 2.41	84 0.6	95 14	100 14.8	96 2.4	99 71	95 20.9	90 43	83 -4	97 -32	120 1.5	116 22.1	73 6.4	76 3.7	97 30.1	104 0	98 12	92 -0.12	78 -3.37	83 -1.52
OMBU210034 91925115	4	HART110073 OMBU180035			116 75	100 73	63 69	113 73	96 48	90 62	91 73	95 36	89 57	91 38	85 3	112 -0.30	112 -3.2	88 4	100 15.0	63 -7.7	73 7	97 22.5	91 46	109 59	87 -16	91 -0.2	92 8.1	94 -5.5	104 -1.2	96 29.7	89 -12	82 -2	80 -1.36	98 -0.22	117 1.36
OMBU210036 91940692	3	ERH 130044 OMBU170074			97 74	100 71	84 64	112 71	112 45	99 60	94 70	87 34	96 55	86 42	91 12	92 1.79	103 -1.9	88 5	100 14.9	84 -1.2	92 54	94 20.0	91 45	95 23	96 -30	76 -1.0	100 12.7	112 -15.8	105 -1.4	108 36.8	96 -6	88 3	111 1.78	87 -1.99	106 0.45
OMBU210039 91940718	1	HART090332 OMBU180085			119 75	101 74	99 73	103 75	115 49	119 64	108 74	108 36	118 58	106 40	90 10	116 -0.65	116 -3.8	95 14	101 15.5	99 3.5	103 81	102 26.6	103 90	96 27	102 -39	87 -0.4	109 18.2	109 -14.2	111 -2.5	114 40.1	110 5	102 15	102 0.86	111 1.74	128 2.31
OMBU210040 91951921	2	HART160088 OMBU130069			89 75	109 72	70 67	103 72	96 45	86 61	92 71	82 34	83 56	84 36	96 18	92 1.79	85 0.5	97 18	109 19.8	70 -5.4	84 35	104 28.5	86 27	114 70	100 -37	104 0.5	102 14.2	91 -3.6	104 -1.3	96 29.4	94 -8	99 12	83 -1.06	91 -1.31	94 -0.54
OMBU210046 91951970	1	HART160088 OMBU120008			88 75	102 71	107 64	92 70	88 43	89 60	97 70	103 34	90 55	100 38	108 34	89 2.09	94 -0.8	107 32	102 15.9	107 5.8	104 82	102 26.8	103 89	102 42	111 -56	109 0.8	104 15.0	90 -3.5	92 0.9	92 27.2	107 2	117 29	101 0.78	96 -0.58	102 0.09
OMBU210055 91968115	2	AG 150126 IH 100068			102 73	112 72	120 67	86 72	81 41	109 60	121 71	108 39	109 56	116 32	117 46	101 0.87	109 -2.8	114 43	112 21.6	120 9.9	119 120	112 35.5	109 114	96 27	111 -55	92 -0.1	117 61	77 39	93 27	93 57	134 53	127 48	117 2.37	95 -0.72	104 0.24
OMBU210058 91970301	1	AG 150126 OMBU120082			111 70	92 70	117 58	117 55	82 38	101 55	106 66	105 30	101 50	103 27	89 8	111 -0.19	97 -1.2	84 -1	92 10.8	117 8.8	117 115	92 18.1	98 73	101 39	109 -51	92 -0.1	101 13.4	86 -0.9	84 2.2	96 29.7	115 9	107 19	110 1.69	106 0.93	107 0.51
OMBU210060 91970327	1	ERH 130044 OMBU140099			103 75	96 73	99 71	112 74	109 47	104 63	99 73	99 34	103 57	99 42	92 13	98 1.19	105 -2.2	87 3	96 12.8	99 3.5	103 80	96 21.5	93 55	96 26	87 -15	88 -0.3	98 11.7	102 -10.3	107 -1.9	110 38.2	99 -4	93 8	105 1.15	99 -0.09	120 1.64

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																															
OMBU210061 91995878	1	HART090332 OMBU180126		100 74	112 72	96 70	94 74	114 48	115 62	110 72	111 36	115 57	112 38	108 34 71	95 1.49 76	115 -3.6 72	105 29 74	112 21.1 72	96 2.5 70	105 84 72	107 30.9 74	106 102 52	103 43 53	101 -38 18	101 0.4 55	109 17.9 55	109 -14.0 51	114 -3.0 32	104 34.4 62	118 11 54	108 21 52	101 0.75 37	111 1.76 40	127 2.27 37
OMBU210064 91995902	1	HART160088 OMBU120070		77 75	120 73	90 72	84 73	103 45	99 62	107 73	99 30	98 56	104 36	116 45 71	64 4.78 77	85 0.4 72	119 50 73	120 25.7 73	90 0.5 72	100 73 73	114 37.2 72	99 76 43	87 5 55	103 -42 14	105 0.6 50	97 11.1 54	88 -2.0 49	112 -2.8 28	103 33.8 58	104 0 48	115 27 44	102 0.88 35	88 -1.80 38	101 0.06 35
OMBU210071 91995969	1	AG 150126 OMBU110018		105 75	96 72	113 68	103 72	87 41	98 61	103 72	106 30	98 55	104 21	99 22 68	99 1.04 77	112 -3.2 72	95 14 72	96 12.9 72	113 7.6 68	110 99 71	101 26.1 72	102 87 43	106 51 48	109 -52 14	94 0.0 54	109 18.1 55	82 1.0 43	95 0.3 23	95 29.1 57	121 13 49	110 23 44	104 1.08 20	102 0.44 22	107 0.54 20
OMBU210076 92100031	2	HART160088 OMBU130102		105 75	104 73	78 68	108 72	104 45	99 62	99 72	98 32	98 56	91 39	94 16 69	100 0.98 77	110 -2.9 72	91 9 72	104 17.3 73	78 -3.1 68	89 47 71	103 27.9 74	97 69 45	117 77 56	113 -58 16	101 0.4 52	94 9.4 55	104 -11.5 49	100 -0.5 29	102 33.2 58	100 -3 49	107 20 46	94 0.12 37	93 -1.01 41	99 -0.17 38
OMBU210084 92100114	1	ERH 130044 OMBU170098		123 75	85 73	97 70	108 74	100 47	95 63	87 73	85 34	91 57	86 42	91 12 72	122 -1.36 77	138 -6.6 73	90 8 74	85 6.7 73	97 2.9 70	88 44 72	85 11.7 73	87 31 51	91 15 54	88 -18 15	85 -0.5 56	105 15.9 57	99 -8.5 51	97 -0.1 29	107 35.8 61	89 -12 54	85 0 51	107 1.35 41	95 -0.70 44	108 0.66 41
OMBU210087 92100148	1	HART160088 OMBU120016		87 75	106 71	96 63	87 70	91 43	87 60	94 70	96 34	87 55	97 38	118 48 63	92 1.85 77	91 -0.4 71	114 43 70	106 18.0 71	96 2.6 63	95 62 68	106 30.3 73	94 57 48	109 58 54	102 -40 15	110 0.9 58	95 9.7 59	94 -5.7 45	89 1.4 26	101 32.7 57	95 -7 54	109 22 49	102 0.85 36	92 -1.15 39	97 -0.34 36
OMBU210091 92100189	1	ERH 130044 OMBU170055		117 74	91 72	100 64	108 71	98 46	100 61	96 71	99 34	99 56	97 44	95 17 68	112 -0.31 76	119 -4.2 70	90 8 71	91 10.1 72	100 3.7 64	96 65 69	93 18.9 68	95 62 52	111 62 54	93 -24 15	82 -0.7 56	103 14.3 57	87 -1.9 50	106 -1.5 28	104 34.3 59	94 -8 55	93 7 52	108 1.48 42	96 -0.52 46	118 1.46 42
OMBU210092 92100197	3	HART110073 OMBU180052		99 90	110 89	82 88	89 89	94 87	93 82	99 89	113 86	96 83	110 86	109 36 88	97 1.30 90	109 -2.8 89	113 41 89	110 20.5 89	82 -1.9 88	88 45 89	111 34.5 89	110 117 87	105 48 86	99 -35 85	101 0.4 88	78 -0.4 87	94 -5.4 87	102 -0.9 85	93 27.9 88	104 0 87	112 24 87	106 1.25 86	107 1.10 86	119 1.54 86
OMBU210093 92100205	3	HART110073 OMBU190006		104 75	94 74	76 72	98 74	109 48	86 63	79 74	88 36	84 58	88 39	97 20 72	103 0.64 77	104 -2.1 73	102 25 74	94 11.9 74	76 -3.6 72	74 10 73	96 21.4 72	87 29 52	113 66 60	82 -8 18	102 0.5 59	87 5.0 62	117 -18.6 52	104 -1.2 32	101 32.4 61	90 -11 57	83 -2 53	81 -1.25 37	100 0.13 41	118 1.49 37
OMBU210096 92100239	1	HART090332 OMBU180119		97 75	108 72	106 68	88 73	91 49	100 62	106 72	118 38	104 57	112 38	108 35 69	98 1.14 77	101 -1.7 72	112 39 73	108 19.1 72	106 5.6 68	106 88 71	107 31.7 72	111 122 54	96 26 52	112 -56 19	97 0.2 60	113 20.4 60	90 -3.1 52	97 0.0 32	99 31.4 62	121 13 58	109 21 55	94 0.07 37	117 2.80 40	128 2.32 37
OMBU210097 92100247	1	HART090332 OMBU180134		130 75	97 73	91 73	97 75	115 49	114 63	99 73	99 38	112 58	102 38	97 19 74	129 -2.09 77	141 -7.1 73	102 26 75	97 13.5 73	91 1.1 73	89 46 74	96 21.6 73	97 69 56	97 29 62	94 -27 18	99 0.3 63	113 20.8 65	106 -12.2 53	112 -2.7 33	116 41.4 62	99 -4 60	94 8 57	92 -0.07 37	112 1.98 40	127 2.25 37
OMBU210099 92119437	1	HART160088 OMBU120018		95 73	100 72	92 68	104 72	96 42	92 60	95 71	95 33	91 55	94 38	94 15 68	95 1.50 76	95 -0.9 70	94 14 72	100 15.2 72	92 1.3 68	97 65 71	96 21.6 72	95 62 47	81 -10 56	106 -47 15	106 0.7 57	93 8.5 59	96 -6.6 46	95 0.4 24	102 32.8 56	103 -1 53	111 23 48	99 0.60 36	86 -2.18 39	97 -0.31 36

Breeding Values and Accuracies: Cows & Heifers

Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass			
ID Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
OMBU210101 92119452	2	AG 150126 OMBU140124			91 73	120 72	110 68	82 72	102 43	117 61	123 71	118 32	118 55	122 29	124 55 69	89 2.12 76	122 -4.6 70	120 52 72	120 25.8 72	110 6.7 68	115 109 71	118 40.9 74	110 116 42	104 46 62	115 -61 19	85 -0.5 50	108 17.4 58	99 -8.3 47	104 -1.3 26	103 33.7 56	136 26 47	130 41 43	130 3.71 28	101 0.14 30	111 0.91 28
OMBU210102 92119460	4	ERH 130044 OMBU170078			95 74	102 72	84 69	101 73	90 46	85 62	92 72	85 34	82 56	89 44	99 23 72	92 1.85 76	103 -2.0 71	98 20 73	102 16.2 72	84 -1.2 69	89 47 71	97 22.6 72	88 35 52	93 20 53	91 -22 14	70 -1.4 57	90 6.6 58	85 -0.6 51	89 1.4 28	111 38.4 60	98 -5 56	90 5 53	111 1.79 42	84 -2.41 45	103 0.20 42
OMBU210103 92290576	1	ERH 130044 OMBU170063			117 73	93 72	83 68	113 73	91 47	90 61	90 71	87 34	88 56	91 42	94 15 70	116 -0.71 75	105 -2.3 70	87 3 73	93 11.0 72	83 -1.6 68	84 34 71	93 18.8 70	88 35 52	87 4 54	87 -14 15	85 -0.5 55	100 13.0 56	84 0.0 52	97 0.1 30	107 36.3 60	88 -12 54	86 1 52	100 0.73 41	98 -0.27 44	119 1.54 41
OMBU210112 92902352	1	AG 150126 OMBU190005			81 72	118 71	123 66	73 72	69 42	95 60	122 70	118 32	99 54	117 22	135 71 68	82 2.81 75	101 -1.7 69	131 67 72	118 24.7 71	123 10.6 66	117 114 70	116 39.3 70	114 133 46	111 62 50	120 -70 14	84 -0.6 55	113 20.8 57	62 12.7 45	79 3.2 24	105 34.8 56	141 30 52	130 40 47	120 2.65 21	104 0.72 23	112 0.97 22
OMBU210114 92902378	1	AG 150126 OMBU190040			88 89	119 89	124 87	74 88	92 85	113 81	126 88	132 84	118 82	133 84	137 73 88	89 2.14 89	104 -2.1 88	130 66 88	119 25.2 89	124 11.0 87	119 119 88	123 45.1 88	124 168 85	116 75 85	124 -76 83	82 -0.7 86	113 20.8 86	84 0.1 85	98 -0.2 83	105 34.8 86	146 33 86	139 48 85	124 3.10 84	104 0.66 84	144 3.65 84
OMBU210115 92902386	2	AG 150126 OMBU190059			79 88	126 88	119 87	78 88	81 84	108 80	129 88	111 83	109 81	113 83	137 74 87	78 3.27 89	99 -1.4 88	124 58 88	126 28.7 88	119 9.4 87	124 130 88	122 44.7 88	110 116 84	90 11 84	114 -59 82	88 -0.4 85	118 23.3 85	72 6.7 84	84 2.2 82	110 37.8 85	133 23 85	133 43 84	119 2.62 83	79 -3.30 83	102 0.11 83
OMBU210124 92902485	1	AG 150078 OMBU150043			79 73	118 71	115 64	70 71	97 43	103 60	118 70	102 34	102 55	105 37	140 78 70	76 3.44 76	103 -2.0 70	137 77 71	118 24.8 71	115 8.2 64	109 94 69	115 38.5 70	103 89 48	106 50 57	106 -46 16	101 0.4 54	132 32.1 56	95 -6.5 47	95 0.3 24	107 36.3 58	116 9 53	118 30 50	118 2.51 34	79 -3.27 40	94 -0.59 36
OMBU210139 92902634	1	ERH 130044 OMBU160061			88 75	115 72	96 66	71 72	107 47	101 61	108 71	103 34	101 56	105 45	146 85 72	87 2.38 77	110 -2.9 71	136 76 72	115 23.1 72	96 2.6 66	93 58 70	115 38.0 72	103 89 52	97 29 57	99 -35 15	89 -0.3 55	107 17.2 56	95 -6.2 51	106 -1.6 30	115 40.9 61	108 3 54	106 19 52	114 2.06 43	98 -0.21 47	118 1.48 44
OMBU210142 92902451	2	AG 150078 OMBU120050			80 75	99 74	110 70	101 73	78 46	81 63	94 73	95 36	81 58	88 39	101 24 70	87 2.29 77	71 2.4 72	97 17 73	99 14.3 74	110 6.9 70	110 96 72	98 23.4 72	97 67 52	92 18 58	109 -51 19	104 0.5 50	123 26.6 59	87 -1.7 50	73 4.2 27	107 35.9 60	107 2 56	101 15 53	100 0.68 36	83 -2.68 42	87 -1.18 37
OMBU210143 92902642	2	ERH 130044 OMBU170079			101 75	103 73	101 70	83 74	122 47	109 63	99 73	94 34	106 57	95 43	124 56 72	97 1.25 77	114 -3.5 72	120 51 74	103 16.7 73	101 3.9 70	94 59 72	104 28.5 72	94 58 51	103 43 63	92 -23 14	87 -0.4 55	104 14.9 60	115 -17.7 51	115 -3.2 30	115 41.2 61	97 -5 54	92 7 52	103 1.00 41	97 -0.43 45	120 1.60 41
OMBU210144 92902659	2	AG 150078 OMBU140048			95 74	103 73	113 69	99 73	85 45	97 62	106 72	90 34	94 56	93 38	99 22 70	97 1.24 76	90 -0.2 71	98 19 73	103 16.4 73	113 7.7 69	115 109 72	101 25.8 72	94 56 49	72 -32 56	100 -36 17	96 0.1 56	125 27.6 57	83 0.5 50	86 1.8 27	109 37.0 59	102 -1 54	103 17 51	110 1.73 35	80 -3.13 40	90 -0.90 36
OMBU210145 92902667	2	ERH 130044 OMBU150090			116 75	96 74	99 70	97 74	117 48	110 63	97 73	94 35	107 57	98 44	107 33 72	111 -0.21 77	122 -4.5 72	102 25 74	96 12.7 74	99 3.3 70	94 58 73	97 22.0 68	94 58 53	92 16 63	89 -18 15	84 -0.6 58	98 11.4 62	106 -12.2 52	112 -2.6 30	119 43.3 61	96 -7 56	96 11 54	111 1.74 43	99 -0.03 46	125 2.05 43

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																															
OMBU210147	1	AG 150126		78	126	123	64	75	103	132	120	106	125	153	80	104	146	126	123	116	121	117	76	120	86	119	64	86	104	143	134	124	103	112
92902683		OMBU180145		72	70	65	72	42	59	69	28	53	23	95	3.07	-2.1	89	29.0	10.8	113	43.5	143	-23	-69	-0.4	24.2	47	24	34.5	31	44	3.08	0.55	0.92
OMBU210151	1	ERH 130044		80	107	116	85	114	107	104	94	104	100	116	76	98	116	107	116	111	107	94	92	91	76	96	100	110	120	110	104	123	94	109
92902725		OMBU150056		75	73	70	74	46	62	73	35	57	43	45	3.48	-1.4	45	18.6	8.7	100	31.0	55	17	-22	-1.0	10.5	-9.2	-2.3	44.1	5	17	2.95	-0.85	0.74
OMBU210154	1	AG 150078		83	115	105	87	63	84	108	91	83	95	116	88	89	114	115	105	109	107	98	79	106	114	129	65	72	100	111	109	99	88	92
92902741		OMBU120068		74	73	69	73	45	62	72	36	57	36	45	2.23	-0.1	43	22.8	5.1	96	31.2	71	-14	-47	1.1	30.2	10.9	4.4	31.6	5	22	0.56	-1.84	-0.71
OMBU210156	4	HART110073		85	114	105	77	106	104	108	107	104	98	126	93	90	128	114	105	102	109	108	112	117	97	118	107	105	108	117	102	83	91	127
92902766		OMBU140093		88	88	87	88	84	80	88	84	81	83	58	1.69	-0.3	63	22.5	5.1	78	32.7	109	66	-65	0.1	23.3	-13.0	-1.4	36.4	10	16	-0.98	-1.43	2.24
OMBU210167	2	ERH 130044		103	96	107	98	110	104	97	90	100	89	104	98	114	100	96	107	102	94	94	86	92	83	100	107	106	108	83	86	100	107	108
92940766		OMBU160072		90	90	89	89	86	82	90	86	83	86	29	1.16	-3.4	22	12.5	5.9	78	19.4	55	1	-23	-0.6	12.7	-13.2	-1.6	36.6	-17	1	0.66	1.24	0.59
OMBU210168	1	ERH 130044		89	105	123	88	98	105	108	90	101	95	114	88	99	111	105	123	117	103	91	89	86	82	96	92	94	113	96	98	116	90	107
92940774		OMBU160097		74	73	70	74	47	62	73	35	57	43	42	2.18	-1.4	38	17.4	10.8	115	27.4	47	10	-14	-0.7	10.3	-4.4	0.4	39.4	-6	11	2.31	-1.52	0.54
OMBU210169	1	AG 150078		89	112	111	87	95	105	112	97	103	96	109	85	107	113	112	111	113	106	98	81	105	95	120	95	95	106	113	110	114	83	93
92940782		OMBU150018		74	73	69	73	44	62	72	36	57	38	36	2.56	-2.5	41	21.3	7.1	104	30.4	73	-10	-44	0.1	25.0	-5.9	0.3	35.6	7	23	2.10	-2.61	-0.67
OMBU220012	1	AG 150078		98	100	104	90	82	87	95	94	86	93	107	101	98	110	100	104	98	103	98	96	112	111	122	90	84	98	123	114	114	101	98
93736718		OMBU110032		90	89	88	89	86	81	89	85	82	85	33	0.92	-1.3	37	15.2	4.9	70	27.5	70	27	-57	0.9	25.8	-3.1	2.2	30.4	15	26	2.11	0.19	-0.21
OMBU220013	2	AG 150078		81	108	104	95	86	90	102	97	90	92	104	85	84	104	108	104	109	102	98	91	105	102	124	84	88	105	109	105	106	78	87
93736726		OMBU130121		74	73	70	74	44	62	73	34	56	36	29	2.55	0.5	27	19.1	5.0	94	26.6	71	14	-45	0.4	27.3	0.3	1.5	35.1	4	18	1.24	-3.50	-1.17
OMBU220015	2	HART200020		100	113	89	84	100	102	106	102	101	100	115	96	119	119	113	89	93	112	102	116	95	119	113	96	98	108	100	104	98	87	110
93736742		OMBU180111		72	72	61	67	40	58	69	34	53	40	43	1.42	-4.2	50	21.8	0.4	58	35.7	88	74	-28	1.4	20.7	-6.9	-0.2	36.6	-3	17	0.47	-1.99	0.79
OMBU220026	1	AG 150078		110	98	89	113	95	98	97	92	96	85	92	115	89	87	98	89	95	93	95	81	92	98	117	111	84	107	82	82	104	83	99
93736858		IH 110065		89	89	88	88	86	81	89	85	82	85	13	-0.57	-0.1	3	13.9	0.3	61	18.8	59	-10	-23	0.2	22.8	-15.5	2.3	35.8	-18	-2	1.06	-2.58	-0.16
OMBU220029	1	HART140265		71	114	115	82	104	103	109	112	105	113	116	78	79	119	114	115	115	115	105	95	96	96	91	82	118	105	123	114	103	116	127
93736882		OMBU170143		73	71	63	71	45	60	70	36	55	46	46	3.29	1.2	51	22.7	8.4	109	38.0	100	23	-30	0.1	7.3	1.0	-3.8	35.2	15	26	1.00	2.55	2.21
														68	75	70	71	71	63	68	72	51	55	19	55	56	51	28	57	54	52	45	48	45

Breeding Values and Accuracies: Cows & Heifers

Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass			
ID Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
OMBU220031 93736908	2	AG 150078 OMB 130110			102 89	102 89	101 88	92 89	84 85	91 81	100 89	79 85	87 82	84 84	107 33 88	99 1.11 90	110 -3.0 89	108 34 89	102 16.2 89	101 3.9 88	99 70 89	97 22.5 89	87 29 86	109 57 86	102 -40 84	88 -0.3 87	121 25.2 87	79 2.8 85	90 1.3 84	103 33.5 87	110 5 87	98 12 86	98 0.47 84	82 -2.73 85	98 -0.23 84
OMBU220036 93736957	1	HART140265 OMB160014			98 72	102 72	111 65	89 71	108 45	106 60	100 70	102 38	105 56	103 46	111 38 69	102 0.74 75	95 -0.9 69	110 37 71	102 15.9 72	111 6.9 65	105 85 69	105 29.9 68	100 78 55	96 26 58	93 -25 18	92 -0.1 61	90 6.6 62	89 -2.6 51	120 -4.2 27	105 35.1 56	116 9 59	103 17 55	93 0.01 44	108 1.37 47	125 2.05 45
OMBU220042 93737013	1	HART140265 OMB140099			91 74	102 72	124 66	90 72	98 45	105 61	106 71	113 36	106 56	111 46	108 34 68	94 1.62 76	93 -0.6 71	108 34 72	102 16.3 72	124 11.1 66	118 117 70	107 31.6 71	103 89 52	102 41 56	91 -22 17	93 0.0 57	87 5.2 58	73 6.3 49	117 -3.6 27	103 33.8 58	118 11 55	110 23 53	98 0.49 44	111 1.72 47	126 2.13 44
OMBU220043 93737021	2	HART140265 OMB170078			79 73	115 71	111 64	77 71	87 45	95 60	111 70	101 38	95 56	103 46	124 56 68	80 3.06 76	98 -1.3 70	126 61 71	115 23.1 71	111 7.1 64	109 94 69	114 37.2 72	98 73 54	106 50 53	96 -30 17	81 -0.8 62	77 -1.0 62	78 3.8 51	96 0.2 28	103 33.7 57	120 12 59	110 23 55	106 1.31 45	96 -0.58 48	109 0.72 45
OMBU220048 93737070	2	HART140265 OMB180035			99 74	106 73	95 69	98 73	97 45	100 62	103 72	106 36	101 57	104 46	101 25 72	98 1.24 76	103 -2.0 71	101 23 73	106 18.1 73	95 2.3 69	101 76 72	105 29.1 72	99 74 51	105 48 65	91 -22 18	91 -0.2 55	86 4.5 61	81 1.7 51	108 -2.0 28	108 36.8 57	111 5 54	100 14 52	93 0.01 45	111 1.76 47	125 2.03 45
OMBU220049 93737088		HART140265 OMB170170			85 74	97 71	130 64	87 71	89 43	92 60	98 70	100 34	92 55	101 46	116 44 68	88 2.20 76	92 -0.5 70	111 39 71	97 13.1 71	130 12.8 64	115 109 69	101 25.8 72	96 64 49	92 16 62	88 -16 18	91 -0.2 53	84 3.3 58	85 -0.4 47	92 0.8 25	104 34.3 57	109 4 51	104 17 49	102 0.90 44	104 0.74 47	113 1.08 44
OMBU220052 93737112	1	AG 150078 OMB110018			100 75	104 72	116 66	82 71	79 43	94 61	106 71	88 33	91 55	87 34	115 44 69	98 1.14 77	112 -3.1 71	119 51 71	104 17.0 72	116 8.5 66	106 87 70	101 25.6 73	96 62 48	107 52 53	106 -47 16	109 0.8 55	131 31.1 55	84 0.2 48	83 2.5 23	97 30.0 58	106 2 53	105 18 49	96 0.25 31	80 -3.06 36	85 -1.33 32
OMBU220053 93737120		HART170114 OMB140091			98 73	86 71	111 62	108 69	116 41	99 59	86 69	104 34	100 54	99 40	91 11 64	102 0.75 76	85 0.4 69	90 7 69	86 7.4 71	111 7.0 62	102 77 67	90 16.0 70	97 70 49	104 45 51	102 -40 16	114 1.1 56	106 16.6 56	117 -18.5 44	113 -2.8 25	106 35.5 55	112 6 54	96 10 50	98 0.44 39	118 2.88 41	102 0.14 39
OMBU220055 93737146		HART140265 OMB180064			95 73	103 71	117 64	85 71	108 43	107 60	103 70	106 34	107 55	107 42	117 46 68	98 1.20 75	99 -1.4 70	115 45 71	103 16.5 71	117 8.9 64	108 93 69	105 29.7 72	102 88 51	109 57 61	99 -34 15	87 -0.4 56	95 9.6 60	96 -6.5 47	116 -3.4 25	102 33.3 56	128 19 54	117 29 52	101 0.78 41	104 0.74 44	118 1.47 41
OMBU220056 93737153	3	AG 150078 OMB120062			86 74	92 72	100 66	112 71	80 45	76 61	85 71	87 36	75 56	82 38	92 12 67	95 1.50 76	63 3.4 71	87 3 71	92 10.8 72	100 3.7 66	99 72 70	93 18.9 72	94 55 50	89 9 62	101 -39 19	109 0.8 56	125 28.0 60	89 -2.6 50	83 2.5 28	97 30.3 58	98 -5 54	96 10 51	91 -0.25 36	83 -2.58 41	92 -0.72 37
OMBU220059 93737187	3	HART140265 AG 120102			87 75	111 73	99 65	94 71	105 46	104 61	105 71	101 38	103 56	109 46	104 29 69	88 2.20 77	93 -0.7 71	105 30 71	111 20.7 73	99 3.3 65	106 88 70	110 33.5 73	99 75 53	98 31 54	91 -21 20	91 -0.2 58	86 4.6 58	84 -0.2 50	122 -4.4 29	100 31.5 58	108 3 56	110 22 54	106 1.24 44	102 0.36 47	117 1.34 44
OMBU220064 94056280	2	HART200020 OMB180133			115 72	96 73	100 66	95 70	108 38	105 59	96 71	98 32	103 54	93 40	102 26 68	114 -0.44 76	132 -5.9 68	103 27 70	96 12.7 73	100 3.6 66	94 59 70	97 22.0 72	103 89 46	98 32 63	96 -30 15	112 1.0 54	115 21.7 59	102 -10.1 40	105 -1.5 21	110 37.6 52	105 1 53	103 16 50	94 0.06 38	88 -1.92 41	106 0.41 38

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																															
OMBU220071 94056355	1	HART140265 OMBU180057		75 73	117 71	126 63	75 71	85 44	101 60	119 70	107 35	102 55	113 44	127 60	72 3.92	89 -0.2	128 63	117 23.9	126 11.8	120 122	118 41.4	105 100	103 44	101 -38	91 -0.2	95 10.1	75 5.1	99 -0.3	99 31.4	126 18	121 32	107 1.41	107 1.13	119 1.56
OMBU220075 94056397		ERH 130044 OMBU170109		115 73	89 71	116 64	101 71	105 44	106 60	98 70	93 33	103 55	92 42	102 26	110 -0.12	121 -4.4	97 17	89 9.3	116 8.5	105 86	93 19.1	91 47	100 35	87 -16	85 -0.5	101 13.2	107 -13.3	100 -0.6	102 33.3	93 -8	94 8	111 1.79	94 -0.96	109 0.70
OMBU220080 94056447	3	ERH 130044 OMBU190006		103 74	104 72	99 66	91 72	109 47	106 61	101 71	91 36	102 56	94 44	111 38	98 1.22	115 -3.6	109 35	104 17.0	99 3.3	98 68	102 27.0	94 57	107 52	91 -21	87 -0.4	102 14.3	108 -13.4	106 -1.6	107 35.8	99 -4	94 9	105 1.18	101 0.14	120 1.59
OMBU220082 94056454	2	ERH 130044 OMBU190011		120 72	99 72	101 65	106 71	99 45	110 60	107 70	92 34	107 55	95 42	99 22	116 -0.64	122 -4.6	92 11	99 14.3	101 4.1	104 84	98 23.6	94 57	102 42	89 -19	86 -0.4	102 14.0	87 -1.8	102 -0.9	112 39.2	96 -6	94 9	104 1.10	94 -0.85	117 1.41
OMBU220083 94058054		HART140265 OMBU170098		101 74	96 72	118 65	100 72	102 45	104 61	101 71	99 36	103 56	98 46	97 20	101 0.85	98 -1.3	98 19	96 12.7	118 9.1	112 103	98 23.3	98 73	99 34	95 -29	90 -0.2	100 12.6	95 -6.2	107 -1.9	101 32.7	109 4	102 16	100 0.68	107 1.11	114 1.15
OMBU220088 94674967	1	HART140265 OMBU170069		108 72	93 71	124 64	83 71	112 43	108 59	97 70	100 34	106 54	100 44	112 39	110 -0.05	108 -2.6	117 48	93 11.0	124 11.1	104 83	98 22.8	99 75	104 46	100 -36	70 -1.3	99 12.1	94 -5.8	121 -4.3	104 34.4	115 9	106 19	103 1.03	99 -0.04	113 1.03
OMBU220090 94674983	1	HART140265 OMBU150108		112 72	88 72	112 65	92 71	114 44	103 60	90 70	93 35	100 55	98 46	102 26	111 -0.16	112 -3.3	107 32	88 8.5	112 7.5	96 63	92 18.3	94 55	78 -18	89 -18	72 -1.2	91 7.4	100 -9.0	124 -4.8	103 33.8	112 6	102 16	106 1.26	102 0.39	117 1.39
OMBU220091 94674991	2	HART140265 OMBU180107		86 71	110 71	101 63	78 71	109 44	100 59	101 69	113 36	102 54	110 47	121 52	90 2.03	96 -1.1	126 60	110 20.3	101 4.1	97 67	115 38.2	108 111	138 128	105 -45	85 -0.5	98 11.3	93 -5.2	120 -4.2	104 34.0	121 13	114 26	101 0.79	114 2.32	129 2.38
OMBU220095 94675030	2	AG 150078 OMBU150015		95 89	122 89	96 88	78 89	77 86	99 81	119 89	107 86	100 82	113 86	133 67	96 1.42	106 -2.4	127 61	122 26.9	96 2.5	103 81	114 37.8	110 115	99 33	112 -56	122 1.6	139 35.8	80 2.3	79 3.1	104 34.2	107 2	117 29	117 2.38	86 -2.16	103 0.17
OMBU220099 94675071		HART140265 OMBU100028		101 73	96 72	107 66	96 71	105 41	100 60	95 71	92 32	97 54	95 42	102 25	98 1.15	106 -2.3	102 25	96 12.7	107 5.8	101 75	98 22.8	93 53	105 48	91 -22	82 -0.7	87 4.9	99 -8.8	115 -3.3	93 27.5	113 7	102 16	94 0.08	103 0.46	112 1.00
OMBU220100 94675089	1	HART140265 OMBU160062		78 90	115 90	101 88	74 89	108 86	99 82	106 89	114 86	102 83	120 86	129 63	75 3.57	100 -1.6	132 69	115 22.8	101 4.1	98 69	122 44.8	106 101	131 111	97 -32	119 1.4	97 10.8	81 1.6	117 -3.7	117 41.9	108 3	109 22	86 -0.76	143 6.78	129 2.36
OMBU220104 94675154	2	ERH 130044 OMBU120031		85 74	97 73	93 67	95 72	126 47	96 62	85 72	90 38	93 57	91 46	107 33	79 3.15	104 -2.1	104 28	97 13.4	93 1.7	90 48	98 23.1	91 44	101 39	88 -16	72 -1.3	103 14.8	115 -17.5	128 -5.5	104 34.1	82 -18	84 0	116 2.26	93 -1.00	116 1.31

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
OMBU220108 94675196	1	AG 150078 OMB170064		103 72	94 72	96 66	99 71	82 42	82 60	88 71	91 36	81 55	87 38	97 19	107 0.21	92 -0.5	99 21	94 12.0	96 2.5	92 53	93 19.0	91 47	84 -4	99 -35	108 0.8	120 24.7	90 -3.3	78 3.4	104 34.1	96 -6	95 10	102 0.88	87 -1.96	89 -1.02
OMBU220112 94675238	26	ERH 130044 OMB180073		85 72	117 71	101 65	89 71	117 43	116 60	113 70	95 34	112 55	99 44	118 48	83 2.76	117 -3.8	111 38	117 24.0	101 4.0	110 98	112 35.8	96 66	124 95	95 -28	74 -1.1	108 17.3	109 -14.0	112 -2.6	115 41.0	100 -3	104 17	127 3.34	86 -2.09	114 1.13
OMBU220122 94675337	5	ERH 130044 OMB200061		83 71	106 70	99 62	86 71	108 42	95 59	95 69	86 34	92 54	89 43	119 49	81 2.98	102 -1.8	115 44	106 18.0	99 3.5	97 66	103 27.3	90 41	95 23	85 -12	83 -0.6	101 13.2	108 -13.9	103 -1.1	108 36.4	87 -14	89 4	106 1.25	89 -1.71	111 0.91
OMBU220132 94675105	3	ERH 130044 OMB200039		90 71	107 70	109 62	98 71	102 42	105 59	107 69	88 34	101 54	92 43	102 26	89 2.17	96 -1.0	100 21	107 18.5	109 6.4	114 107	101 26.2	96 63	103 43	94 -27	93 -0.1	115 21.8	95 -6.3	101 -0.7	111 38.6	92 -10	97 11	107 1.41	85 -2.31	102 0.14
OMBU220136 94675444	1	AG 150078 WAGB100036		84 90	120 90	120 88	72 89	76 86	100 82	124 89	102 86	100 83	110 85	132 67	85 2.52	103 -2.0	133 70	120 25.5	120 9.8	115 110	117 40.1	103 92	107 52	110 -54	111 0.9	129 30.2	63 12.2	88 1.5	110 37.9	131 21	127 38	99 0.61	82 -2.80	83 -1.53
OMBU220138 94675469	2	AG 150078 OMB170089		95 69	103 70	128 58	94 58	66 41	94 56	111 66	96 36	93 52	99 40	103 28	100 1.02	90 -0.2	103 27	103 16.4	128 12.4	124 132	103 28.0	99 75	75 -24	103 -42	108 0.8	132 31.6	71 7.5	71 4.6	99 31.1	102 -2	104 17	107 1.34	85 -2.31	94 -0.60
OMBU230003 94675519	2	HART140265 OMB150090		88 73	109 72	110 66	83 72	110 45	107 61	106 71	107 36	107 56	110 48	117 46	88 2.26	102 -1.8	119 50	109 19.7	110 6.7	106 88	111 34.7	103 89	110 60	95 -28	89 -0.3	87 5.1	91 -4.2	118 -3.7	111 38.5	113 7	110 23	104 1.05	111 1.79	131 2.53
OMBU230004 94675527	4	AG 150078 OMB180100		109 72	107 72	91 64	93 71	87 45	98 60	104 70	93 38	95 56	93 40	106 31	108 0.16	110 -2.9	107 32	107 18.9	91 0.9	95 62	103 27.8	97 69	92 15	103 -41	109 0.8	126 28.3	83 0.6	94 0.5	105 34.7	105 1	101 15	90 -0.30	81 -2.90	94 -0.58
OMBU230006 94675543	3	AG 150078 OMB140093		92 72	109 72	111 65	89 72	77 45	94 60	107 71	102 37	94 55	95 38	112 40	97 1.29	90 -0.2	110 37	109 19.5	111 7.1	111 101	106 30.0	102 86	114 69	113 -58	118 1.3	136 34.2	77 4.1	82 2.6	106 35.6	108 4	104 17	94 0.10	87 -2.01	101 0.02
OMBU230021 94932878	1	HART140265 OMB110027		116 72	97 72	115 66	87 71	98 39	106 59	102 71	98 34	104 54	92 42	113 41	112 -0.32	120 -4.2	113 41	97 13.2	115 8.4	103 80	105 29.7	97 67	132 114	100 -36	85 -0.5	89 6.1	86 -0.9	114 -3.0	94 28.4	117 10	106 19	92 -0.13	105 0.82	114 1.10
OMBU230023 95992806		OMB140124		90 41	111 40	104 41	84 39	114 26	110 34	108 40	90 21	106 31	97 20	116 44	85 2.50	111 -3.0	117 47	111 20.9	104 5.0	104 84	106 30.3	89 36	100 35	89 -19	87 -0.4	97 11.1	111 -15.3	128 -5.5	80 20.1	114 8	108 21	105 1.14	91 -1.40	104 0.29
OMBU230025 95990818	14	ERH 130044 OMB210061		98 61	106 69	95 57	98 58	116 43	110 55	103 64	96 34	107 51	101 44	107 33	94 1.60	114 -3.4	101 23	106 18.2	95 2.2	101 75	100 24.7	96 64	93 19	89 -19	85 -0.5	104 15.0	110 -14.9	113 -2.8	108 36.7	99 -4	96 10	112 1.85	97 -0.40	122 1.79

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																															
OMBU230028	1	OMBU200029		110	104	98	94	104	109	105	102	107	103	102	106	116	105	98	98	100	102	96	123	104	87	112	104	104	105	114	102	100	104	106
95990842		OMBU210101		64	65	47	47	33	49	59	28	45	23	27	0.36	-3.8	29	17.3	3.0	72	26.6	63	92	-43	-0.4	19.7	-11.4	-1.3	35.1	8	16	0.64	0.66	0.45
														43	70	53	47	65	47	53	67	40	45	14	48	49	33	21	46	45	41	22	24	23
OMBU230031	5	ERH 130044		105	104	84	102	110	103	98	88	99	93	103	100	114	97	104	84	91	99	92	80	93	85	97	107	106	107	90	96	111	88	108
95990875		OMBU210076		69	69	57	58	42	56	65	33	51	44	28	1.00	-3.4	18	16.9	-1.1	52	24.1	48	-13	-24	-0.5	10.7	-13.0	-1.6	36.2	-11	10	1.77	-1.80	0.59
														56	73	62	58	69	57	61	70	50	54	14	54	55	44	26	56	53	50	42	45	42
OMBU230038	3	ERH 130044		91	101	100	99	100	95	96	91	93	92	104	90	98	100	101	100	101	99	95	106	96	86	115	98	99	106	97	98	115	80	102
96198965		OMBU210018		69	69	56	58	42	56	65	34	52	43	29	2.01	-1.3	22	15.6	3.6	76	24.5	59	50	-30	-0.4	21.7	-8.1	-0.3	35.3	-6	11	2.17	-3.03	0.08
														55	73	62	58	69	56	61	70	51	54	14	55	56	43	26	56	54	52	41	45	42
OMBU230041	2	ERH 130044		83	104	95	99	114	99	95	96	98	97	100	85	87	99	104	95	100	104	96	92	93	81	103	108	111	110	99	93	107	97	118
96198999		OMBU200076		69	70	58	59	43	56	66	34	52	44	23	2.56	0.2	21	17.3	2.3	74	28.5	64	17	-25	-0.7	14.8	-13.9	-2.5	37.6	-4	8	1.38	-0.34	1.49
														57	73	62	59	70	58	62	71	52	54	15	56	56	45	28	57	54	52	42	45	42
OMBU230043	3	OMBU200046		106	103	102	99	83	97	105	95	95	107	104	107	100	99	103	102	105	101	98	80	102	105	101	84	86	101	112	114	106	96	105
96199005		OMBU210079		64	65	45	45	32	49	59	28	45	25	29	0.25	-1.6	21	16.6	4.4	86	26.0	71	-14	-39	0.6	13.3	0.2	1.9	32.5	7	26	1.33	-0.62	0.38
														40	70	52	45	65	45	52	67	40	37	12	48	48	31	19	45	45	41	24	26	24
OMBU230047	14	OMBU200043		103	108	91	92	97	100	102	105	100	107	104	101	109	109	108	91	95	105	97	84	96	109	100	93	99	109	117	104	89	112	119
96199047		OMBU190017		66	67	51	48	36	52	61	30	48	26	30	0.87	-2.7	35	19.2	0.8	61	29.4	69	-3	-30	0.8	12.6	-5.1	-0.4	37.2	10	17	-0.38	1.93	1.56
														45	71	55	48	67	51	55	66	44	46	13	51	52	34	23	50	48	44	25	27	25
OMBU230050	1	OMBU200067		116	95	97	110	85	96	100	94	94	91	86	115	107	89	95	97	99	94	98	86	108	112	103	90	82	105	102	103	93	96	96
96199070		OMBU130037		67	67	50	48	34	51	61	29	47	26	5	-0.63	-2.5	6	12.3	2.9	71	19.6	72	2	-50	1.0	14.8	-3.2	2.7	34.8	-2	16	-0.02	-0.54	-0.38
														34	72	56	48	67	50	55	66	43	45	12	51	54	33	20	49	48	44	24	27	24
OMBU230056	3	ERH 130044		87	112	94	91	111	104	104	94	102	103	113	81	108	109	112	94	101	106	95	84	93	85	99	97	112	112	101	108	121	90	109
96199138		OMBU200104		69	68	57	58	42	55	65	32	50	44	41	2.92	-2.6	36	21.3	2.0	76	30.7	61	-2	-25	-0.5	11.9	-7.2	-2.6	39.1	-2	21	2.80	-1.56	0.73
														56	73	62	58	68	57	61	69	50	54	13	54	55	43	26	56	53	50	42	45	42
OMBU230057	26	ERH 130044		129	83	98	106	108	101	88	90	98	91	99	124	125	92	83	98	86	87	91	118	88	76	101	100	109	108	87	88	114	90	117
96199146		OMBU210091		69	68	55	57	42	55	64	33	51	44	22	-1.56	-5.0	10	5.8	3.0	38	13.8	46	78	-17	-1.0	13.6	-9.3	-2.1	36.6	-14	3	2.03	-1.54	1.38
														56	73	61	57	68	55	60	68	51	54	13	55	56	44	26	56	54	52	43	46	43
OMBU230058	1	OMBU200029		107	105	87	93	99	98	98	94	96	95	104	107	106	107	105	87	90	98	93	97	102	95	107	93	103	104	108	101	87	98	99
96199153		OMBU210003		65	64	47	47	34	49	59	28	45	27	29	0.27	-2.4	33	17.6	-0.2	50	23.5	54	29	-40	0.0	17.1	-5.2	-1.1	34.5	4	15	-0.63	-0.28	-0.13
														43	70	54	47	64	47	53	65	41	45	12	49	50	34	22	47	46	42	26	28	26
OMBU230068	2	AG 150078		77	122	118	83	75	101	123	97	99	105	118	71	88	118	122	118	123	116	103	102	113	106	136	70	86	100	123	117	116	76	83
96199252		OMBU160002		70	71	60	58	42	57	67	35	53	40	47	4.04	0.0	49	26.7	9.1	130	39.7	92	41	-58	0.6	34.4	8.2	1.9	31.6	15	29	2.30	-3.69	-1.52
														55	74	63	58	71	60	63	71	51	59	16	58	59	43	25	57	56	53	37	42	38
OMBU230073	2	OMBU200046		110	92	103	107	99	99	96	84	95	89	88	110	102	91	92	103	101	91	93	115	99	112	96	91	101	109	96	99	82	99	99
96199294		OMBU170005		67	67	51	47	32	51	61	30	47	28	8	-0.04	-1.8	8	10.8	4.7	75	17.3	52	72	-35	1.0	10.6	-3.8	-0.7	37.2	-6	13	-1.12	-0.16	-0.17
														42	72	55	47	67	51	55	67	42	40	13	51	52	31	19	46	48	43	27	29	27

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																															
OMBU230077 96199328	1	AG 150078 OMBU170134		107 70	106 70	95 58	96 58	85 42	96 56	104 66	104 35	97 52	104 38	105 30	107 0.26	104 -2.1	102 26	106 17.9	95 2.1	99 72	102 26.9	105 98	80 -12	108 -50	116 1.2	132 31.7	85 -0.6	90 1.3	100 32.1	109 4	109 21	102 0.86	90 -1.60	101 0.00
OMBU230078 96199336	14	OMBU200043 OMBU190057		103 66	96 67	101 50	94 48	95 35	91 51	90 61	106 29	93 47	108 24	100 23	108 0.18	94 -0.7	105 29	96 12.7	101 3.9	94 59	99 24.2	96 65	78 -18	94 -28	106 0.7	102 14.0	87 -1.5	100 -0.6	108 36.9	116 9	103 16	88 -0.53	116 2.63	125 2.07
OMBU230097 96199526	1	HART170114 OMBU190059		85 68	105 69	126 54	91 53	101 37	108 54	109 64	103 34	107 50	105 43	113 41	88 2.24	90 -0.3	107 32	105 17.7	126 11.7	122 127	109 33.3	100 78	120 85	102 -39	113 1.1	115 21.6	99 -8.6	99 -0.5	108 36.9	114 8	107 20	109 1.57	100 -0.02	92 -0.77
OMBU230107 96199625	2	OMBU200046 OMBU180052		98 66	106 67	102 49	94 48	93 35	99 51	104 61	101 30	99 47	105 28	103 28	97 1.30	103 -1.9	105 30	106 18.0	102 4.4	104 83	106 30.5	100 79	118 79	104 -44	118 1.3	91 7.7	88 -2.0	97 0.0	106 35.5	110 5	111 24	101 0.81	105 0.87	110 0.78
OMBU230111 96199666	2	AG 150078 OMBU170143		80 69	110 70	108 58	91 58	75 42	87 56	104 66	103 36	88 52	104 38	106 31	87 2.37	79 1.3	108 34	110 20.4	108 6.0	111 101	107 31.5	103 90	84 -3	105 -45	116 1.2	127 29.0	72 7.0	83 2.4	104 34.1	113 7	110 22	103 0.99	95 -0.81	101 -0.01
OMBU230116 96199708	1	AG 150078 OMBU180010		92 70	112 70	111 58	92 58	67 42	93 56	113 66	99 36	93 52	102 39	110 37	94 1.57	94 -0.7	107 32	112 21.2	111 7.0	116 112	107 31.2	100 80	107 53	107 -47	111 0.9	125 27.5	73 6.4	68 5.1	104 34.1	111 6	112 24	110 1.65	89 -1.70	86 -1.24
OMBU230120 96199740		HART140265 OMBU120061		98 72	102 71	113 60	84 58	105 39	104 57	101 68	97 34	102 52	107 42	115 44	101 0.88	101 -1.7	116 46	102 15.8	113 7.8	104 83	104 28.2	103 92	108 54	98 -33	87 -0.4	99 12.3	92 -4.4	115 -3.2	104 34.0	119 12	115 27	99 0.61	107 1.17	120 1.64
OMBU230126 96199807	2	AG 150078 OMBU150015		120 72	98 70	108 58	100 58	83 41	103 57	107 67	98 34	101 52	101 38	101 25	120 -1.11	112 -3.2	98 19	98 14.1	108 6.2	106 89	98 23.5	101 83	106 50	106 -46	122 1.6	133 32.4	85 -0.6	86 2.0	104 34.1	102 -2	108 21	112 1.84	83 -2.59	97 -0.30
OMBU230130 96199849	2	OMBU200043 OMBU190098		96 66	104 66	94 49	93 48	88 34	89 51	95 60	102 30	90 47	106 26	103 28	99 1.11	96 -1.0	107 32	104 16.9	94 1.7	95 60	103 27.5	95 59	76 -23	95 -29	108 0.8	104 15.4	82 1.1	92 0.9	110 38.0	116 10	107 19	102 0.85	100 0.08	108 0.66
OMBU230131 96199856		HART140265 OMBU110018		102 71	99 71	116 60	94 58	99 39	104 57	103 67	94 33	101 52	96 42	103 28	98 1.14	109 -2.8	104 28	99 14.2	116 8.7	110 97	99 24.5	96 62	109 58	94 -27	88 -0.3	92 8.0	89 -2.6	112 -2.6	95 28.9	112 7	105 18	96 0.27	102 0.30	111 0.89
OMBU230132 96199864	1	OMBU200046 OMBU150093		96 67	102 68	83 52	91 47	94 32	83 51	87 62	87 27	81 46	88 26	106 31	98 1.21	99 -1.4	110 37	102 15.9	83 -1.4	83 32	102 26.5	88 34	119 81	105 -45	92 -0.1	91 7.1	88 -2.1	99 -0.3	102 33.2	107 2	97 11	96 0.29	90 -1.60	98 -0.27
OMBU230134 96308762	1	HART140265 ERH 110077		89 72	102 72	94 61	90 58	115 43	97 58	91 68	97 39	96 54	97 50	108 35	87 2.32	103 -2.0	110 37	102 16.0	94 1.9	92 54	105 29.2	93 53	111 61	88 -18	77 -1.0	87 4.9	99 -8.5	129 -5.7	98 30.7	93 -9	91 6	107 1.43	97 -0.34	117 1.36

Breeding Values and Accuracies: Cows & Heifers

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass		
ID	Inbreeding	Genomic	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																															
OMBU230139	3	AG 150078	0.93	90	105	109	95	73	87	103	104	89	101	105	93	91	103	105	109	110	106	102	104	106	108	128	69	85	99	104	105	103	87	98
96308812		OMBU170055		70	70	59	58	41	56	66	36	52	40	30	1.68	-0.3	27	17.5	6.3	97	30.1	85	47	-46	0.8	29.4	8.7	2.1	31.0	0	18	0.94	-2.07	-0.25
														56	74	63	58	70	59	62	72	51	56	18	56	57	43	25	56	55	52	37	42	38
OMBU230141	1	OMBU200046	0.91	121	94	80	103	92	90	89	94	89	96	95	120	114	96	94	80	79	95	94	114	104	105	96	91	92	106	106	100	89	99	110
96308838		OMBU170034		67	67	50	47	35	51	61	30	47	28	17	-1.13	-3.4	17	11.8	-2.5	22	20.8	57	69	-44	0.6	10.2	-4.1	0.9	35.4	1	14	-0.43	-0.05	0.77
														42	72	55	47	67	50	55	68	43	45	13	50	52	34	22	48	48	44	27	30	27
OMBU230145	1	HART140265	0.91	87	96	129	94	94	97	100	102	97	100	103	92	84	103	96	129	119	100	98	92	97	83	86	88	100	101	115	104	102	104	113
96308879		OMBU120050		71	71	60	58	42	57	67	37	53	46	28	1.77	0.5	27	12.9	12.5	119	25.3	73	17	-32	-0.6	4.2	-2.4	-0.5	32.4	9	17	0.85	0.68	1.05
														51	74	63	58	71	60	63	72	53	57	19	58	59	43	26	57	56	53	45	48	45
OMBU230147	4	HART170114	0.94	90	94	121	119	115	112	104	107	112	105	83	95	73	83	94	121	124	99	101	99	100	110	106	113	110	111	110	94	99	121	111
96308887		OMBU200018		68	70	54	53	39	54	65	36	50	44	0	1.48	2.1	-3	11.8	10.0	131	24.3	82	35	-36	0.9	16.5	-16.6	-2.4	38.5	5	9	0.55	3.33	0.92
														50	73	59	53	70	54	59	64	50	53	19	56	56	38	27	53	54	51	42	45	42
OMBU230155	4	HART170114	0.94	93	93	111	108	116	105	95	103	104	105	86	97	82	90	93	111	109	98	97	108	98	113	110	112	117	106	109	94	96	122	109
96308960		OMBU190047		68	70	54	53	40	55	65	34	51	44	5	1.25	0.8	8	11.5	6.9	94	23.3	66	55	-33	1.1	18.7	-16.0	-3.5	35.4	4	8	0.33	3.59	0.72
														49	73	59	53	70	54	59	71	49	55	18	55	56	39	27	54	53	50	42	45	42
OMBU230160	1	HART140265	0.91	99	101	116	97	95	104	105	97	102	101	100	103	93	101	101	116	114	97	92	83	89	87	84	87	104	98	106	102	106	106	113
96309000		OMBU120082		72	71	60	58	40	57	67	36	53	46	24	0.69	-0.6	23	15.3	8.6	107	22.7	51	-5	-19	-0.4	3.4	-1.9	-1.2	30.8	2	15	1.27	0.97	1.04
														50	75	64	58	71	60	63	72	50	58	19	54	57	40	25	56	53	50	44	47	44
OMBU230162		HART140265		75	109	116	78	101	96	103	116	100	118	124	81	87	125	109	116	108	112	107	120	103	85	95	92	111	97	126	119	107	111	123
96309026		OMBU120077		70	71	60	57	39	56	67	34	52	42	56	2.93	0.2	58	19.7	8.5	92	35.4	105	85	-41	-0.5	9.7	-4.7	-2.6	30.3	17	31	1.34	1.80	1.88
														48	74	63	57	71	60	63	72	51	55	15	56	57	38	23	56	54	51	41	44	41
OMBU230163	1	AG 130399	0.91	111	86	102	134	95	100	97	72	92	74	70	112	86	70	86	102	107	83	75	84	79	98	85	111	85	102	79	75	90	99	103
96309034		OMBU170173		70	70	59	58	42	57	66	30	52	28	-17	-0.29	0.3	-22	7.5	4.3	89	9.7	-16	-4	-2	0.2	4.1	-15.6	2.0	33.0	-20	-8	-0.34	-0.11	0.19
														52	74	63	58	70	59	62	72	40	59	16	48	57	41	26	59	47	44	26	29	26
OMBU230164	1	AG 130399	0.91	106	99	101	107	105	106	101	79	99	81	88	104	102	91	99	101	104	97	83	115	90	94	92	107	109	97	98	93	101	96	109
96309042		OMBU150106		70	71	60	58	42	57	67	28	51	26	7	0.52	-1.9	9	14.2	3.9	83	22.0	13	71	-21	0.0	8.3	-12.9	-2.1	29.8	-5	7	0.75	-0.64	0.71
														52	74	63	58	71	60	63	72	41	58	12	51	59	42	25	59	50	45	24	27	24
OMBU230169	1	HART170114	0.91	96	103	111	100	117	115	107	102	113	105	101	93	101	98	103	111	114	106	97	122	98	98	103	114	112	112	107	99	118	108	103
96309091		OMBU180073		68	70	54	53	39	54	65	34	50	46	24	1.68	-1.8	19	16.4	7.2	106	30.4	67	89	-34	0.2	14.8	-16.9	-2.7	39.0	3	13	2.45	1.39	0.24
														50	73	59	53	70	54	59	72	48	57	18	54	56	39	26	53	52	50	44	47	44
OMBU230171	4	ERH 130044	0.91	89	107	100	93	102	100	102	90	97	95	111	86	101	106	107	100	104	104	93	102	93	87	96	92	107	104	94	102	114	88	111
96309117		OMBU210051		69	68	55	57	42	55	64	34	51	43	38	2.42	-1.7	30	18.9	3.7	83	28.3	53	40	-24	-0.4	10.6	-4.6	-1.8	34.5	-8	15	2.08	-1.92	0.90
														55	73	61	57	68	55	60	70	50	54	15	55	56	44	26	56	53	50	41	45	42
OMBU240001	1	HART170114	0.91	83	100	111	109	104	100	100	104	100	105	91	86	76	89	100	111	116	105	96	110	98	107	99	101	106	102	108	97	108	113	101
96355722		OMBU190066		68	69	52	52	38	53	64	32	49	41	12	2.45	1.6	6	14.9	7.0	112	29.6	66	59	-33	0.7	12.2	-9.8	-1.7	33.3	3	11	1.53	2.15	0.03
														48	73	58	52	69	52	58	71	46	53	17	52	54	37	24	52	50	47	40	42	40

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
OMB240002 96355730	1	HART170114 OMB200015		86 68	90 69	115 54	120 52	108 37	99 54	95 64	105 34	100 50	102 42	84 3	90 2.03	70 2.4 58	83 -4	90 9.8	115 8.3	115 110	97 21.9	98 73	108 55	103 -41	101 0.4	100 12.9	105 -12.0	105 -1.5	108 36.9	113 7	97 11	107 1.40	112 2.03	100 -0.05
OMB240003 96355748	1	HART170114 OMB190101		99 68	91 69	121 53	109 52	105 38	105 54	99 64	105 33	104 50	106 42	93 14	101 0.85	89 -0.1 58	88 5	91 10.0	121 10.0 53	117 113	98 23.2	100 78	101 37	101 -38	105 0.6	101 13.3	100 -8.9	106 -1.7	107 35.9	112 6	99 13	107 1.35	113 2.04	102 0.10
OMB240008 96355789	1	HART170114 OMB200057		90 68	101 68	111 51	107 52	107 38	106 53	104 63	101 34	105 49	106 44	94 15	92 1.83	84 0.6 58	91 9	101 15.4	111 7.2	116 112	102 26.8	95 60	85 -1	96 -30	119 1.4	94 8.9	107 -12.9	105 -1.4	105 34.8	102 -2	100 14	106 1.25	113 2.16	99 -0.17
OMB240024 96602743	1	OMB200046 OMB160061		97 67	107 68	96 51	90 48	92 35	96 52	101 62	101 30	95 48	102 32	115 43	97 1.26	102 -1.8 56	111 38	107 18.9	96 2.6	98 69	108 32.5	100 78	130 108 43	110 -52	112 1.0	102 13.8	87 -1.8	94 0.4	108 36.4	113 7	111 24	96 0.25	101 0.14	108 0.61
OMB240029 96602792	4	HART170114 OMB200045		105 67	88 69	117 53	121 53	112 39	111 54	100 64	102 35	109 50	102 44	82 -1	108 0.10	85 0.4 58	82 -5	88 8.7	117 8.9	115 110	93 19.2	93 53	94 21	94 -26	110 0.9	101 13.7	109 -14.2	108 -2.0	110 37.8	104 0	90 4	98 0.52	121 3.40 46	106 0.45
OMB240039 98596364	1	OMB200030 OMB220052		115 66	115 67	105 47	85 47	92 34	116 51	121 61	104 30	115 47	110 26	113 41	112 -0.25	119 -4.2 55	117 47	115 23.1	105 5.2	108 94	111 34.5	104 94	99 34	105 -45	119 1.4	117 22.8	92 -4.7	88 1.6	110 37.7	111 6	114 26	96 0.29	112 2.02	108 0.58
OMB240054 98596513	3	AG 130399 OMB210142		83 69	93 70	111 57	124 58	90 42	90 56	96 66	81 30	86 51	79 28	81 -2	91 1.96	59 3.9 62	80 -7	93 11.1	111 7.2	116 112	92 17.9	83 15	95 25	91 -21	100 0.3	102 14.2	98 -8.2	88 1.5	101 32.6	87 -13	86 1	94 0.09	90 -1.56	100 -0.03
OMB240056 98596539	1	AG 130399 OMB220075		117 69	82 69	112 55	122 57	104 42	104 55	94 65	80 29	98 50	80 29	83 0	118 -0.91	98 -1.4 61	81 -6	82 5.3	112 7.4	104 84	86 12.1	80 3	103 43	80 -3	91 -0.2	91 7.3	109 -14.3	102 -0.9	100 31.8	80 -19	81 -3	99 0.56	95 -0.70	111 0.91
OMB240057 98596547	1	AG 130399 OMB210087		82 69	106 69	102 55	100 57	96 41	94 55	100 65	83 28	90 50	88 28	99 22	87 2.32	78 1.4 62	98 19	106 18.1	102 4.2	108 93	102 26.4	84 19	89 9	86 -14	103 0.5	90 6.9	100 -9.1	96 0.2	100 31.6	84 -16	94 9	99 0.57	95 -0.81	106 0.43
OMB240059 98596562	1	OMB200030 OMB220031		118 66	99 68	102 48	103 47	97 34	108 51	106 61	93 30	105 47	99 26	93 14	115 -0.57	115 -3.6 55	95 15	99 14.6	102 4.4	104 83	97 22.2	93 53	94 22	98 -34	107 0.7	106 16.4	94 -5.6	92 0.8	113 39.4	105 49	99 13	89 -0.40	114 2.22	113 1.07
OMB240062 98596596		OMB200092		100 58	92 58	100 36	104 37	98 24	90 42	89 51			74 18	94 16	97 1.26	104 -2.1 45	94 13	92 10.5	100 3.8	96 63	90 16.4	81 9	119 83	86 -13	102 0.4	102 14.1	100 -9.3	107 -1.7	85 23.0	95 -7	88 3	80 -1.30	82 -2.75	92 -0.76
OMB240064 98596612	4	HART170114 OMB210061		102 68	92 69	111 52	117 52	116 39	111 54	100 64	105 34	110 50	106 44	88 7	102 0.79	95 -0.9 58	85 -1	92 10.4	111 7.1	111 100	96 21.4	98 71	110 60	96 -31	110 0.9	101 13.4	115 -17.6	113 -2.9	107 36.0	108 3	93 7	101 0.79	119 3.09	111 0.89

Breeding Values and Accuracies: Cows & Heifers

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass			
ID Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
OMBU240065 98596620	2	OMBU210066 OMBU200078			86 65	114 65	88 46	91 46	91 33	92 49	103 59	95 26	91 44	94 28	111 39	83 2.74	101 -1.7	110 36	114 22.6	88 -0.1	98 67	110 34.1	97 68	101 38	106 -46	99 0.3	110 18.9	82 1.1	101 -0.8	100 32.1	107 2	107 20	94 0.05	89 -1.64	91 -0.82
OMBU240069 98596679	3	HART200020 OMBU160055			128 69	95 71	77 54	102 49	103 35	99 54	91 65	99 32	98 50	93 39	91 11	125 -1.66	133 -6.0	97 18	95 12.4	77 -3.3	77 18	95 20.5	104 94	86 2	104 -43	115 1.1	114 21.4	95 -6.1	103 -1.1	109 37.6	101 -2	98 11	77 -1.62	98 -0.25	103 0.22
OMBU240074 98810906	1	NFS 180147 OMBU130110			115 70	105 71	95 58	82 55	101 37	105 55	103 66	112 48	106 54	117 46	120 50	113 -0.39	119 -4.2	121 53	105 17.8	95 2.2	91 51	109 32.8	114 131	107 52	116 -63	92 -0.1	107 17.2	95 -6.2	105 -1.4	103 33.6	125 17	125 36	110 1.72	103 0.56	107 0.54
OMBU240075 98596729	4	OMBU200030 OMBU210168			99 66	111 68	112 48	94 48	103 35	116 51	117 62	101 30	114 47	109 28	104 29	97 1.30	106 -2.4	105 29	111 20.9	112 7.5	118 117	106 30.2	98 72	79 -15	91 -22	104 0.6	96 10.2	98 -8.1	94 0.5	117 42.0	101 -2	103 17	103 0.95	117 2.81	118 1.49
OMBU240076 98596737	2	HART190204 OMBU180111			107 68	117 70	95 54	90 52	110 39	120 54	117 65	114 38	120 51	118 40	111 38	103 0.62	124 -4.8	111 38	117 24.0	95 2.0	105 86	116 39.2	112 123	111 62	110 -53	109 0.8	110 18.8	105 -12.2	103 -1.2	113 39.8	99 -4	116 28	122 2.88	116 2.55	113 1.06
OMBU240078 98596745	1	HART190204 OMBU190088			105 68	112 69	90 52	88 51	109 37	109 53	107 63	120 36	112 50	122 36	113 40	101 0.88	122 -4.5	113 42	112 21.1	90 0.8	96 63	118 40.8	110 118	118 79	111 -55	108 0.8	106 16.1	101 -9.8	106 -1.7	109 37.4	104 0	116 28	121 2.75	122 3.46	112 0.98
OMBU240082 98810922	4	NFS 180147 OMBU190105			120 69	105 60	87 54	92 54	101 40	106 52	102 59	122 48	109 51	124 47	105 30	118 -0.95	116 -3.8	108 34	105 17.6	87 -0.2	90 49	110 34.4	118 148	109 58	118 -67	109 0.8	114 20.9	99 -8.6	100 -0.6	108 36.7	122 14	124 35	100 0.69	117 2.78	118 1.48
OMBU240086 98596802	4	HART130240 OMBU170134			121 69	94 70	93 57	107 57	101 43	103 56	97 66	111 34	104 52	103 44	94 16	120 -1.14	109 -2.8	92 10	94 12.0	93 1.7	93 56	96 21.7	109 113	92 17	106 -47	106 0.7	105 15.6	92 -4.7	109 -2.2	103 33.4	108 3	100 14	98 0.51	99 -0.07	121 1.73
OMBU240087 98810930	4	NFS 180147 OMBU200028			105 69	109 70	84 55	93 55	101 39	101 55	101 65	120 48	105 54	119 48	104 29	105 0.48	107 -2.5	107 32	109 19.8	84 -1.2	91 53	114 37.7	117 143	109 58	118 -66	106 0.6	111 19.1	92 -4.7	107 -1.8	106 35.3	117 10	120 32	96 0.32	115 2.36	119 1.55
OMBU240090 98596828	7	OMBU210066 OMBU200077			78 65	117 65	88 46	90 46	107 34	100 49	103 59	104 26	100 44	103 28	107 33	80 3.10	90 -0.2	111 38	117 24.1	88 0.2	100 74	112 35.9	102 88	82 -7	109 -51	94 0.0	109 17.9	86 -0.9	120 -4.1	106 35.4	117 10	108 21	93 -0.05	103 0.57	105 0.38
OMBU240091 98596836	2	CEF 160394 ERH 110062			103 73	92 64	75 62	107 59	131 45	97 56	79 64	96 44	96 54	87 54	90 9	98 1.14	112 -3.2	93 11	92 10.6	75 -3.9	74 10	95 20.7	97 69	103 42	96 -29	105 0.6	118 23.5	120 -20.3	133 -6.4	100 31.9	74 -24	73 -10	74 -1.93	93 -1.05	111 0.87
OMBU240093 98596851	4	OMBU210066 OMBU200116			102 65	104 65	81 46	103 46	105 33	98 49	96 59	95 27	96 45	89 29	98 21	98 1.15	108 -2.6	96 16	104 16.9	81 -2.1	89 47	99 24.3	96 64	98 31	106 -46	97 0.1	119 24.0	90 -3.4	117 -3.6	101 32.6	93 -9	97 11	94 0.09	90 -1.56	94 -0.57

Breeding Values and Accuracies: Cows & Heifers

Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass			
ID Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
OMBU240097 98596893	1	OMBU200030 OMBU220059			110 66	100 68	103 47	101 47	108 34	110 51	103 61	104 30	109 47	110 30	95 16	110 -0.10	105 -2.2	97 18	100 14.9	103 4.7	104 83	102 27.1	99 76	109 57	95 -29	108 0.8	89 6.2	98 -7.6	108 -2.0	111 38.8	103 -1	104 17	92 -0.15	123 3.77	123 1.85
OMBU240108 98596976	1	HART200020 OMBU190099			102 68	115 70	88 51	87 49	99 34	105 53	109 63	111 30	106 48	105 36	114 43	99 1.10	114 -3.5	115 44	115 22.9	88 -0.1	96 63	116 39.4	109 113	110 60	107 -49	111 1.0	118 23.5	90 -3.1	104 -1.3	105 35.0	115 9	111 23	97 0.43	89 -1.69	105 0.40
OMBU240111 98597008	2	HART190204 OMBU190059			93 68	126 69	104 53	80 52	95 37	116 53	128 64	119 36	117 50	120 38	129 62	88 2.27	115 -3.6	123 56	126 28.6	104 5.0	113 106	126 48.2	116 139	123 92	118 -67	111 0.9	123 26.4	88 -2.0	93 0.6	111 38.5	110 5	127 37	120 2.72	108 1.36	100 -0.05
OMBU240114 98597032	3	HART170114 OMBU210060			104 68	87 69	111 52	122 52	113 39	107 54	96 64	99 34	105 50	101 45	86 4	104 0.51	91 -0.4	81 -6	87 8.0	111 6.9	108 93	92 18.2	92 49	97 30	88 -18	104 0.5	96 10.5	111 -15.3	110 -2.3	110 37.6	99 -4	87 2	105 1.18	113 2.16	108 0.59
OMBU240120 98597099	9	HART130240 OMBU170055			114 70	102 70	101 58	98 57	88 42	101 56	105 66	113 34	104 52	107 44	102 26	115 -0.62	105 -2.3	100 22	102 15.8	101 4.0	102 79	104 28.7	109 112	105 47	104 -43	99 0.3	103 14.7	73 6.2	104 -1.3	101 32.3	107 3	102 15	105 1.15	96 -0.56	119 1.52
OMBU240128 98597164	1	CEF 160394 OMBU170136			101 70	100 71	83 60	102 58	111 43	97 57	90 67	106 41	98 54	100 47	93 13	102 0.80	98 -1.3	97 18	100 15.0	83 -1.6	86 41	100 24.6	107 106	97 28	109 -52	109 0.8	129 30.4	105 -12.2	109 -2.1	106 35.7	112 6	98 12	81 -1.25	98 -0.19	114 1.17
OMBU240129 98597172	1	HART170114 OMBU210084			128 68	79 69	108 52	120 52	109 39	106 54	92 64	92 34	103 50	93 45	85 3	126 -1.70	114 -3.5	83 -3	79 3.6	108 6.3	96 64	86 12.2	88 34	99 34	89 -19	102 0.4	99 12.3	110 -14.7	105 -1.5	108 36.6	93 -9	81 -3	105 1.16	111 1.86	102 0.09
OMBU240131 98597180	4	HART170114 OMBU210092			99 68	102 68	100 50	101 51	106 39	103 53	100 63	109 34	104 49	107 44	98 20	99 1.04	97 -1.1	98 19	102 15.9	100 3.8	103 81	105 29.6	102 87	114 69	97 -32	111 0.9	88 5.6	106 -12.6	107 -1.8	102 33.1	104 0	99 13	106 1.29	117 2.75	107 0.54
OMBU240132 98597198	3	HART140265 OMBU190048			72 69	107 70	109 56	91 57	90 42	89 56	99 66	94 36	88 52	95 47	107 33	75 3.62	73 2.0	108 57	107 18.9	109 6.6	110 98	108 32.0	95 62	85 -1	93 -24	89 -0.3	94 9.4	86 -0.9	101 -0.8	96 29.5	106 1	100 13	97 0.35	92 -1.23	107 0.51
OMBU240136 98597214	2	HART130240 OMBU180024			115 70	97 70	95 58	112 57	103 42	106 56	102 66	93 35	103 52	90 45	92 13	110 -0.11	113 -3.3	88 4	97 13.4	95 2.1	99 72	97 22.2	97 68	97 29	94 -27	87 -0.4	97 11.3	92 -4.8	109 -2.2	108 36.7	97 -6	92 7	109 1.60	86 -2.23	111 0.86
OMBU240137 98597222		HART130240 OMBU170170			94 69	101 70	109 58	97 57	85 40	92 56	100 66	103 34	93 52	99 43	108 34	97 1.29	90 -0.2	102 24	101 15.4	109 6.4	107 91	101 25.7	102 88	94 20	98 -33	103 0.5	98 11.4	85 -0.3	88 1.5	103 33.7	105 1	99 13	106 1.30	93 -1.12	108 0.66
OMBU240141 98597263	7	OMBU200030 OMBU210139			112 66	107 67	99 47	86 47	108 35	112 51	107 61	104 30	111 47	110 30	117 47	110 -0.11	115 -3.5	115 43	107 18.8	99 3.4	98 69	107 31.1	101 82	87 4	96 -31	107 0.7	99 12.1	102 -10.2	100 -0.6	118 42.7	103 -1	102 16	97 0.43	122 3.48	123 1.93

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
OMBU240142 98597271	1	HART170114 OMBU200104		91 68	98 69	109 51	113 52	112 39	108 54	102 63	103 34	107 50	104 44	87 6	90 2.04	90 -0.2	87 2	98 14.0	109 6.5	115 109	101 25.6	96 62	113 67	101 -38	110 0.9	95 9.8	103 -10.9	113 -2.8	111 38.3	109 4	102 16	108 1.44	112 1.94	98 -0.20
OMBU240148 98597339	1	HART170114 OMBU210064		76 68	101 69	107 53	102 52	110 38	97 54	95 64	98 33	96 50	102 44	96 18	79 3.14	75 1.7	96 16	101 15.6	107 5.8	109 96	102 27.2	94 55	88 7	95 -29	112 1.0	95 9.6	104 -11.4	113 -2.8	106 35.5	100 -3	96 10	103 0.95	108 1.31	98 -0.21
OMBU240153 98597388	3	HART200020 OMBU170005		120 69	94 71	95 55	109 49	105 35	106 54	98 65	101 32	105 50	92 39	84 2	115 -0.64	120 -4.2	90 7	94 11.5	95 2.2	95 61	94 20.1	107 105	125 95	104 -44	118 1.3	115 21.8	93 -5.1	108 -1.9	109 37.1	103 -1	100 14	76 -1.69	98 -0.23	103 0.20
OMBU240156 98597412	1	OMBU200030 OMBU210147		94 66	123 67	112 47	79 47	91 33	115 50	128 61	116 28	116 46	124 22	126 59	94 1.63	108 -2.7	124 58	123 27.1	112 7.4	116 113	117 40.1	111 120	79 -14	109 -52	106 0.7	107 17.2	85 -0.3	90 1.2	113 39.7	124 16	121 33	106 1.29	124 3.85	120 1.67
OMBU240162 98597461	1	CEF 160394 OMBU170009		119 71	95 72	88 61	103 58	107 44	102 58	93 68	104 41	102 55	100 49	93 13	118 -0.91	112 -3.2	96 16	95 12.4	88 0.0	87 42	98 22.8	103 91	103 43	100 -36	120 1.4	114 20.9	99 -8.7	107 -1.9	108 36.5	102 -1	90 5	74 -1.93	105 0.77	123 1.90
OMBU240165 98597495	1	CEF 160394 OMBU130122		110 72	92 72	100 62	110 59	113 44	106 58	96 68	95 42	103 55	89 49	85 3	107 0.22	107 -2.6	89 6	92 10.8	100 3.8	99 70	93 18.9	101 81	110 59	100 -36	112 1.0	108 17.4	104 -11.1	116 -3.4	102 33.2	102 -2	91 6	78 -1.50	95 -0.78	115 1.25
OMBU240168 98597529	2	AG 130399 OMBU220082		113 69	94 69	104 56	121 57	100 42	108 55	104 65	80 28	102 50	83 30	85 3	114 -0.44	98 -1.3	82 -4	94 11.6	104 4.9	108 93	93 18.5	82 13	103 44	81 -6	91 -0.2	93 8.3	98 -8.1	103 -1.0	104 34.2	83 -17	83 -1	97 0.37	96 -0.65	116 1.27
OMBU240170 98597537	1	OMBU200030 OMBU210144		104 66	108 68	108 48	98 47	96 34	111 51	113 61	99 30	109 47	105 26	98 21	104 0.58	102 -1.8	99 21	108 19.1	108 6.2	114 108	105 29.4	98 71	77 -20	98 -33	111 0.9	109 18.1	95 -6.3	90 1.1	115 40.8	102 -1	103 17	97 0.42	112 2.01	110 0.75
OMBU240172 98597552	1	HART200020 OMBU130125		105 70	109 72	88 56	85 50	97 34	98 54	101 66	113 32	100 50	105 38	112 39	104 0.60	112 -3.1	117 48	109 19.5	88 0.1	90 48	107 30.9	110 117	108 54	111 -54	98 0.2	111 19.3	86 -1.0	105 -1.4	102 33.1	121 14	112 24	98 0.47	93 -1.13	109 0.70
OMBU240174 98597578	4	HART170114 OMBU210096		105 68	96 69	112 51	102 52	104 39	107 54	101 63	110 34	107 50	108 44	95 17	108 0.15	96 -1.0	95 15	96 12.8	112 7.4	109 96	100 24.9	102 85	99 34	102 -40	108 0.8	104 15.3	104 -11.5	105 -1.4	104 34.5	111 5	96 10	100 0.66	122 3.61	112 0.93
OMBU240178 98810880	1	NFS 180147 OMBU120074		111 70	103 70	92 57	89 55	95 37	97 55	97 66	116 47	100 53	121 44	115 43	112 -0.31	109 -2.7	112 40	103 16.3	92 1.4	90 49	108 31.8	119 151	112 64	122 -72	103 0.5	114 21.1	98 -7.8	97 0.0	100 32.0	132 23	134 43	104 1.10	110 1.69	111 0.84
OMBU240180 98597602	3	ERH 130044 OMBU160065		92 71	112 71	107 60	87 59	113 44	113 58	110 67	97 36	110 54	101 44	114 42	89 2.14	108 -2.6	113 41	112 21.1	107 5.7	109 94	108 31.9	99 75	113 68	96 -30	84 -0.6	107 16.7	106 -12.4	114 -3.0	104 34.6	106 2	103 16	105 1.15	92 -1.22	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 Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
OMBU250002 98597743	1	HART140265 OMBU200045		91 69	109 70	117 57	89 58	104 41	112 56	112 66	107 36	111 52	109 46	108 34 55	93 1.73 73	96 -1.1 62	110 36 58	109 20.0 70	117 8.8 57	117 114 62	108 32.2 72	100 79 52	105 48 55	93 -26 18	91 -0.2 56	93 8.6 57	89 -3.0 43	114 -3.0 26	104 34.5 55	114 8 55	108 20 52	102 0.88 45	111 1.72 48	123 1.85 45
OMBU250003 98597750	1	HART170114 OMBU210036		95 68	92 59	104 50	123 51	115 39	105 50	96 58	94 34	102 47	94 45	84 2 50	95 1.54 73	85 0.4 57	81 -6 51	92 10.6 59	104 4.9 50	107 90 53	94 20.0 58	91 46 49	102 39 54	94 -27 17	98 0.2 54	98 11.4 55	116 -18.0 39	109 -2.1 25	108 36.9 52	98 -4 53	85 0 50	108 1.48 43	107 1.21 47	101 -0.01 44
OMBU250005 98597776		OMBU120050		99 61	85 61	114 42	106 38	101 27	91 45	86 55	82 22	88 40	81 20	93 14 27	103 0.66 66	86 0.3 48	92 10 38	85 6.9 61	114 8.1 42	103 80 47	86 12.5 64	84 19 28	82 -7 32	88 -16 12	90 -0.3 34	91 7.3 35	103 -10.9 26	106 -1.6 16	89 25.0 40	104 0 32	91 6 29	85 -0.78 19	94 -0.93 21	100 -0.07 19
OMBU250008 98597792	14	OMBU200029 OMBU140110		111 67	95 68	93 52	103 48	113 37	103 52	93 62	92 32	100 48	88 28	89 8 42	109 0.01 72	108 -2.7 56	95 15 48	95 12.1 68	93 1.7 52	92 53 56	93 18.8 70	88 34 45	95 23 47	92 -24 15	89 -0.3 53	113 20.7 53	105 -11.9 36	118 -3.7 24	105 34.8 50	89 -12 50	78 -6 46	74 -1.92 27	112 1.96 29	109 0.70 27
OMBU250011 98597826	1	ERH 130044 OMBU200018		89 70	120 70	101 59	85 59	112 43	116 57	116 66	102 35	114 53	108 43	118 48 57	88 2.23 73	103 -1.9 63	116 45 59	120 25.4 70	101 3.9 59	109 96 63	113 36.7 72	104 94 53	93 18 54	97 -32 15	87 -0.4 57	113 20.8 57	105 -12.1 43	109 -2.2 28	111 38.6 58	107 2 56	106 19 53	115 2.23 41	98 -0.18 45	123 1.87 42
OMBU250016 98597875	2	ERH 130044 OMBU150107		101 70	107 70	101 60	96 59	96 43	103 57	107 67	97 34	102 52	98 44	107 33 56	98 1.17 74	107 -2.5 63	103 26 59	107 18.6 70	101 4.0 60	106 87 63	105 29.6 72	97 66 50	125 95 53	99 -36 16	90 -0.2 54	105 16.0 55	101 -9.7 44	86 2.0 27	109 37.2 58	100 -3 53	101 14 50	116 2.24 42	95 -0.74 45	112 0.97 42
OMBU250017 98597883	1	ERH 130044 OMBU140050		111 71	96 71	98 60	97 59	99 44	98 58	96 67	90 34	95 53	99 45	105 30 56	106 0.37 74	119 -4.1 64	101 24 59	96 13.0 71	98 3.1 60	94 59 63	97 22.2 72	91 46 52	95 25 57	88 -17 14	92 -0.1 56	106 16.3 57	92 -4.5 45	105 -1.4 28	103 33.6 58	96 -6 55	90 5 52	108 1.45 43	98 -0.20 47	116 1.33 43
OMBU250021 98597917		ERH 130044 OMBU120018		101 71	92 71	103 61	107 59	104 41	96 57	92 68	87 34	92 52	87 42	96 18 50	98 1.16 74	101 -1.8 64	91 9 59	92 10.4 71	103 4.7 61	99 72 64	90 16.1 72	91 43 50	94 21 57	93 -25 15	82 -0.7 55	99 12.5 57	108 -13.6 41	98 -0.1 25	103 33.4 58	97 -6 53	93 8 50	109 1.55 41	85 -2.37 44	106 0.44 41
OMBU250031 98596646	2	HART140265 OMBU180129		78 69	111 70	125 58	78 58	105 38	108 55	113 66	101 34	106 51	107 46	129 63 56	80 3.07 73	97 -1.1 62	124 57 58	111 20.9 70	125 11.4 58	117 114 62	112 35.5 72	100 80 50	113 68 55	89 -19 16	88 55 55	88 5.8 56	91 -4.0 39	115 -3.3 24	100 32.1 52	114 8 53	112 24 51	111 1.83 45	97 -0.36 48	118 1.43 45
OMBU250040 99788226	1	OMBU200030 OMBU230021		131 65	99 67	107 47	94 46	104 32	118 50	109 60	103 30	116 46	104 28	103 27 41	128 -1.99 71	125 -5.0 54	104 29 46	99 14.3 67	107 5.7 47	102 78 53	102 26.8 55	99 77 44	107 52 51	98 -33 13	106 0.6 51	91 7.5 52	96 -7.0 30	104 -1.3 20	110 37.7 46	110 5 48	105 18 45	87 -0.60 27	125 3.99 29	121 1.74 27
OMBU250043 99788242	1	OMBU200030 OMBU220112		110 66	112 67	100 46	94 47	113 33	123 50	117 60	102 30	120 46	107 29	107 33 43	106 0.39 72	120 -4.3 54	105 30 47	112 21.6 67	100 3.8 46	109 94 53	108 32.4 55	99 76 44	103 43 51	95 -29 13	100 0.3 50	100 13.0 52	108 -13.6 32	103 -1.1 21	119 43.5 46	101 -2 48	104 17 45	104 1.11 28	116 2.53 30	121 1.76 28
OMBU250045 99788259	1	OMBU200030 OMBU220026		117 66	101 67	96 47	108 47	103 34	112 51	107 61	99 30	109 47	98 26	91 11 42	118 -0.90 72	104 -2.1 55	90 8 47	101 15.7 67	96 2.5 47	103 81 54	98 23.1 56	97 67 44	83 -6 51	93 -25 14	111 1.0 52	104 15.0 53	110 -14.8 34	89 1.4 21	115 41.2 46	90 -11 49	90 5 45	91 -0.22 25	114 2.30 28	114 1.10 25

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																															
OMBU250054 99788341	10	OMBU200030 OMBU220100		100 66	111 68	102 47	87 47	108 34	111 51	108 61	112 30	112 47	119 30	111 38 43	99 1.09 72	109 -2.7 54	114 43 47	111 20.6 68	102 4.2 47	103 81 54	113 36.5 55	104 95 44	106 49 50	97 -31 14	123 1.6 51	95 10.0 52	94 -5.6 34	106 -1.6 21	120 44.0 46	106 1 49	107 20 45	84 -0.87 28	143 6.91 31	129 2.38 29
OMBU250055 99788358	1	HART210212 OMBU150093		83 68	107 69	79 52	87 48	95 33	79 52	86 63	98 28	80 47	94 37	108 34 43	85 2.54 73	95 -0.8 57	115 44 48	107 18.5 69	79 -2.8 52	82 30 56	111 35.0 51	92 48 39	114 69 41	88 -16 15	105 0.6 47	101 13.7 47	86 -1.2 31	101 -0.7 19	102 33.4 48	99 -4 44	84 -1 40	81 -1.26 35	92 -1.16 39	114 1.16 35
OMBU250056 99788366	1	HART140265 OMBU210147		80 68	118 69	124 54	73 57	89 39	106 54	122 65	114 34	107 50	118 44	136 71 56	82 2.81 73	98 -1.4 60	132 69 57	118 24.8 69	124 11.0 54	117 115 60	117 40.2 57	110 117 49	91 14 53	104 -43 17	83 -0.6 53	98 11.4 54	72 6.8 42	105 -1.4 24	102 33.0 51	130 20 52	124 35 49	116 2.28 42	105 0.81 45	120 1.60 43
OMBU250057 99788374	7	OMBU200030 OMBU230006		102 66	113 68	106 47	93 47	93 34	111 51	117 61	107 30	111 47	107 26	105 31 42	102 0.73 72	102 -1.8 54	106 31 47	113 22.0 68	106 5.7 47	114 107 54	109 32.7 56	103 91 44	96 26 50	105 -45 14	122 1.6 51	116 22.1 52	91 -4.0 34	88 1.5 21	115 40.9 46	107 2 49	106 19 45	90 -0.32 25	116 2.57 28	115 1.22 26
OMBU250058 99788382	7	OMBU200030 OMBU230009		120 66	103 68	103 47	94 47	105 34	116 51	110 61	102 30	113 47	107 28	103 28 43	116 -0.72 72	120 -4.3 54	105 29 47	103 16.7 68	103 4.8 47	103 82 54	101 25.8 56	98 70 44	88 7 51	92 -24 13	107 0.7 51	96 10.3 52	99 -8.5 34	100 -0.5 21	117 41.8 47	99 -4 48	99 13 45	95 0.14 27	122 3.57 30	125 2.08 27
OMBU250062 99788424	1	HART210212 OMBU160014		93 68	99 69	90 51	97 48	101 35	88 52	88 63	100 31	89 48	97 38	101 25 46	96 1.44 73	92 -0.6 56	102 24 48	99 14.2 69	90 0.6 51	89 47 56	107 31.6 50	93 52 42	104 46 45	81 -5 17	124 1.6 50	106 16.4 50	92 -4.3 36	104 -1.2 22	108 36.9 47	93 -8 47	82 -3 43	70 -2.35 36	102 0.36 40	126 2.16 37
OMBU250063 99788432	1	HART140265 OMBU190017		85 70	106 71	113 59	91 58	103 42	103 57	105 67	100 36	102 53	98 46	106 32 56	84 2.67 74	97 -1.2 63	108 33 58	106 18.4 71	113 7.7 59	112 103 63	107 31.3 61	97 68 52	103 43 59	92 -23 18	91 -0.2 56	87 5.0 58	92 -4.4 44	112 -2.6 27	105 34.8 54	110 5 55	101 15 52	92 -0.14 45	107 1.21 48	118 1.49 45
OMBU250066 99788465	7	OMBU200030 OMBU210145		121 66	103 68	100 49	97 48	113 35	119 51	109 62	102 30	117 47	108 29	102 26 44	116 -0.70 72	121 -4.4 55	101 24 48	103 16.7 68	100 3.6 49	102 78 55	102 26.4 54	98 73 45	86 2 53	93 -25 13	105 0.6 51	96 10.2 53	106 -12.5 35	103 -1.1 22	121 44.6 47	99 -4 49	101 14 45	97 0.38 28	122 3.56 30	127 2.22 28
OMBU250071 99808263	2	ERH 130044 OMBU200027		106 70	103 70	103 59	93 59	105 43	107 57	104 66	95 35	105 53	99 43	108 34 57	102 0.77 73	114 -3.5 63	106 31 59	103 16.7 70	103 4.6 59	102 78 63	102 26.9 60	98 72 53	89 10 55	95 -29 15	78 -0.9 58	109 18.3 58	97 -7.2 45	105 -1.5 28	110 37.8 56	100 -3 56	98 12 53	105 1.14 41	98 -0.19 45	121 1.74 42
OMBU250072 99808271	15	ERH 130044 OMBU220064		108 69	100 70	96 56	95 57	113 39	106 55	98 66	90 32	102 50	91 44	108 34 56	105 0.47 73	124 -4.8 61	104 28 57	100 14.9 70	96 2.6 56	95 61 61	98 23.2 60	95 61 50	95 23 56	88 -16 13	91 -0.2 55	108 17.4 56	106 -12.8 41	108 -2.0 24	111 38.6 53	93 -9 54	94 9 51	108 1.46 42	85 -2.24 45	111 0.86 42
OMBU250073 99808289	2	NFS 180147 OMBU210115		86 67	127 69	98 52	79 53	93 36	108 53	123 64	124 47	112 52	127 46	133 68 53	86 2.42 72	102 -1.9 58	125 59 53	127 29.2 69	98 3.0 52	108 94 58	128 50.0 57	123 168 48	105 49 47	123 -75 44	101 0.4 54	121 25.0 54	88 -2.0 40	94 0.5 20	109 37.5 48	130 21 52	142 51 49	117 2.34 44	97 -0.34 47	108 0.58 45
OMBU250074 99808297	3	ERH 130044 OMBU220042		89 69	107 69	109 56	90 58	107 41	106 55	105 65	98 34	104 51	102 45	113 42 56	87 2.36 73	101 -1.7 62	109 36 58	107 18.9 69	109 6.6 56	109 96 61	106 30.7 60	96 66 51	95 23 54	86 -14 14	82 -0.7 55	95 9.8 56	91 -4.0 44	114 -3.1 26	108 36.8 54	101 -2 54	101 14 52	112 1.85 43	97 -0.43 47	121 1.74 44

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	EBV Acc																															
OMBU250077	1	HART140265		105	99	111	85	109	105	99	105	105	109	115	105	108	116	99	111	100	105	97	104	88	90	85	95	118	102	112	108	108	102	120
99808321		OMBU190088		69	70	57	57	39	55	66	34	51	43	44	0.41	-2.7	46	14.3	7.1	73	29.9	68	46	-17	-0.2	4.0	-6.1	-3.8	32.9	6	21	1.44	0.43	1.62
														55	73	61	57	70	57	61	60	50	54	16	55	56	41	24	52	53	50	42	44	42
OMBU250078	1	HART210212		78	113	85	83	95	84	95	106	87	107	113	75	93	121	113	85	90	118	97	118	84	132	106	86	98	107	97	91	71	113	127
99808339		OMBU160062		68	69	52	48	35	53	63	31	49	38	42	3.62	-0.7	53	21.7	-0.8	48	41.3	69	80	-10	2.1	16.1	-1.3	-0.2	36.2	-5	6	-2.23	2.06	2.22
														46	73	57	48	69	52	56	51	43	40	17	50	48	35	22	47	47	43	36	39	36
OMBU250080	8	HART110186		107	100	109	96	104	108	104	117	110	113	105	108	103	102	100	109	107	106	107	111	108	105	94	97	107	106	113	104	79	112	144
99844573		OMBU180135		70	70	60	58	44	57	67	39	53	48	30	0.18	-2.0	24	15.0	6.5	90	30.3	105	62	-50	0.6	9.0	-7.3	-1.9	35.7	8	17	-1.37	1.90	3.65
														56	74	63	58	70	60	63	59	51	55	25	56	56	46	30	57	55	52	47	50	48
OMBU250081	1	CEF 160394		104	107	81	100	117	108	100	107	107	102	95	101	108	99	107	81	91	107	107	98	103	110	122	110	112	111	104	94	81	102	124
99808347		OMBU210039		69	70	58	58	43	56	66	41	53	50	17	0.87	-2.7	21	18.5	-2.0	51	31.2	106	31	-42	0.9	25.8	-14.9	-2.6	38.5	0	8	-1.23	0.37	1.96
														56	73	62	58	70	58	62	60	53	56	27	56	56	46	28	54	56	55	49	51	50
OMBU250084	2	HART170213		105	106	89	91	91	95	99	112	97	114	110	105	107	110	106	89	92	106	109	104	104	91	101	86	93	108	106	108	115	105	137
99808362		OMBU150090		70	71	55	52	39	55	65	32	50	39	37	0.47	-2.5	37	18.3	0.4	53	30.5	113	46	-43	-0.2	13.6	-0.9	0.7	36.9	1	21	2.14	0.88	3.10
														49	74	60	52	71	55	59	60	46	55	15	54	56	40	24	53	52	48	36	42	36
OMBU250086	3	HART130240		101	112	97	93	91	104	111	104	104	99	107	99	107	107	112	97	105	107	106	90	105	99	111	84	99	105	110	107	112	83	105
99808370		OMBU210169		69	69	55	56	41	55	65	34	51	44	33	1.06	-2.5	32	21.4	2.9	86	30.9	102	12	-44	0.3	19.5	0.2	-0.3	34.8	5	19	1.91	-2.62	0.36
														49	73	60	56	69	55	60	58	47	52	19	53	54	43	26	54	51	48	42	45	42
OMBU250088	1	HART210212		94	102	84	100	102	91	91	100	91	95	96	92	98	100	102	84	89	105	95	99	90	107	103	94	104	104	100	88	85	88	111
99808396		OMBU140049		68	69	53	48	36	53	63	32	49	40	18	1.76	-1.4	22	16.2	-1.1	47	29.3	59	33	-21	0.7	14.4	-5.6	-1.3	34.4	-3	3	-0.77	-1.89	0.87
														44	73	57	48	69	53	57	51	41	45	19	48	49	36	23	48	45	42	38	41	38
OMBU250090	1	HART200020		116	106	86	97	96	104	105	112	105	104	96	112	123	102	106	86	93	106	108	100	105	116	117	90	98	109	115	106	86	103	114
99808404		OMBU190105		68	70	52	49	36	53	64	32	49	38	18	-0.22	-4.6	25	18.2	-0.5	56	30.3	109	37	-44	1.2	23.1	-3.1	-0.2	37.1	8	19	-0.73	0.45	1.15
														47	73	57	49	70	52	57	60	45	55	17	52	54	36	22	50	52	49	37	40	37
OMBU250111	26	ERH 130044		108	94	90	107	105	97	91	83	92	88	99	105	108	92	94	90	90	94	86	90	82	77	99	98	104	110	83	83	109	91	117
6020355829		OMBU210103		68	69	57	58	42	56	65	33	51	44	23	0.43	-2.6	10	11.8	0.7	49	19.3	28	12	-7	-1.0	12.3	-8.2	-1.3	37.7	-17	-1	1.63	-1.41	1.41
														56	72	61	58	69	57	61	60	51	54	13	55	55	45	26	55	54	52	43	46	43
OMBU260002	2	HART140265		80	111	122	82	92	101	111	97	99	99	117	80	97	119	111	122	117	110	98	108	96	94	103	83	103	99	110	108	102	93	106
6020353832		OMBU220052		69	60	54	57	39	52	60	34	48	46	47	3.02	-1.1	50	20.8	10.4	114	34.1	73	54	-30	0.0	14.4	0.7	-1.2	31.0	5	21	0.85	-1.00	0.48
														55	73	61	57	60	54	57	60	50	54	17	55	55	42	24	52	53	51	44	47	44
OMBU260006		HART150313		79	105	126	88	76	89	105	112	92	103	114	84	83	111	105	126	120	107	106	100	109	108	99	84	74	103	118	109	86	100	103
6020355720		OMBU170170		69	70	55	55	37	55	65	30	50	37	42	2.64	0.7	38	17.5	11.6	120	31.5	103	36	-51	0.8	12.0	0.1	4.0	33.9	11	21	-0.72	0.11	0.21
														43	73	61	55	70	55	60	58	38	52	20	45	50	37	21	53	46	43	35	39	36
OMBU260007	1	HART150313		77	111	107	87	90	92	103	111	95	101	105	78	90	113	111	107	108	112	102	105	107	93	90	88	97	101	113	103	90	96	108
6020355738		OMBU170015		70	71	57	55	39	56	66	32	51	38	31	3.31	-0.2	41	20.6	5.8	93	35.9	89	49	-48	-0.1	6.8	-2.4	-0.1	32.2	7	16	-0.33	-0.51	0.62
														44	74	61	55	71	57	61	60	42	56	19	51	56	40	23	53	52	47	36	39	36

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 Thickn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
OMB260008 6020353840	3	HART130240 OMB220013			92 69	108 69	96 56	100 56	87 41	95 55	104 65	103 34	95 51	95 44	101 25 49	94 1.57 73	90 -0.3 61	98 20 56	108 19.4 69	96 2.6 56	106 87 60	104 28.4 59	105 96 47	96 27 53	104 -43 19	102 0.4 52	112 19.9 54	79 2.8 43	95 0.2 25	105 34.6 54	106 2 51	101 15 48	106 1.32 42	80 -3.05 45	102 0.10 42
OMB260010 6020353865	2	HART210212 OMB160065			77 68	114 68	105 51	85 48	98 36	98 52	106 62	106 33	98 48	108 40	112 39 46	74 3.67 73	91 -0.3 57	117 46 48	114 22.2 68	105 5.1 51	107 90 56	118 41.1 51	100 80 43	111 63 43	86 -13 20	120 1.4 50	112 19.9 50	90 -3.5 36	103 -1.0 24	103 33.7 47	105 1 47	97 11 44	75 -1.78 38	97 -0.44 41	123 1.92 38
OMB260012 6020353873	3	HART170114 OMB210143			97 68	95 69	111 52	100 52	120 39	108 54	96 64	99 34	106 50	100 46	102 26 50	98 1.21 73	96 -1.0 58	98 19 52	95 12.2 69	111 7.2 52	106 89 58	100 24.9 58	94 57 48	104 47 56	93 -24 17	104 0.5 53	101 13.1 55	117 -18.5 39	114 -3.0 26	113 39.6 51	100 -3 52	89 4 49	105 1.17 44	112 1.99 47	107 0.57 44
OMB260013 6020353881	4	ERH 130044 HART110106			91 72	100 63	98 62	93 60	115 44	98 56	91 64	79 41	93 53	86 46	109 35 54	89 2.08 75	100 -1.6 65	106 31 60	100 14.8 63	98 3.1 62	95 61 62	98 22.8 61	85 24 54	103 43 54	84 -10 26	79 -0.8 59	90 6.8 59	108 -13.4 45	118 -3.7 30	103 33.6 58	94 -8 58	90 5 55	96 0.33 45	76 -3.80 48	100 -0.06 45
OMB260016 6020353915	26	ERH 130044 OMB180129			90 70	101 70	112 60	90 59	113 40	104 56	98 67	86 32	99 51	93 44	119 49 56	87 2.31 74	105 -2.2 63	109 36 59	101 15.3 70	112 7.3 60	105 86 63	99 24.0 60	90 43 51	91 14 55	82 -7 12	83 -0.6 55	98 11.8 56	107 -13.0 41	109 -2.2 25	109 37.2 55	94 -8 53	95 9 51	116 2.30 42	86 -2.17 45	112 0.93 42
OMB260017 6020353923	7	OMB200030 OMB210114			110 66	111 68	113 47	88 47	101 33	119 51	119 61	121 30	121 47	125 24	113 41 44	109 0.07 72	112 -3.2 54	112 40 47	111 21.0 68	113 7.6 47	114 107 54	112 35.7 55	113 129 43	98 31 49	111 -54 13	104 0.5 50	104 14.9 52	95 -6.4 33	96 0.2 21	114 40.5 46	124 16 47	122 33 43	104 1.07 22	124 3.91 25	138 3.17 23
OMB260018 6020353931	4	HART170114 OMB170009			101 70	93 70	119 56	107 53	107 40	108 55	101 65	103 34	107 51	104 44	90 10 50	103 0.68 74	90 -0.2 60	90 8 53	93 11.4 70	119 9.5 56	116 113 60	98 23.0 60	95 60 49	101 38 57	94 -26 18	114 1.1 55	96 10.2 57	102 -10.1 40	107 -1.9 27	110 37.9 53	106 2 53	91 6 50	98 0.46 42	122 3.48 45	111 0.87 42
OMB260019 6020353949	3	HART140265 OMB210064			76 69	120 69	108 56	80 57	103 40	107 55	115 65	103 34	106 51	109 46	121 52 56	65 4.60 73	87 0.2 61	123 55 57	120 25.7 69	108 6.0 56	112 101 61	117 40.2 60	101 83 49	97 29 54	95 -29 17	93 -0.1 54	87 4.9 55	84 0.0 43	118 -3.8 25	102 32.8 52	110 5 52	115 27 50	106 1.30 44	97 -0.37 48	115 1.18 45
OMB260020 6020353956	3	HART170114 OMB170005			103 69	81 70	120 56	129 53	117 38	109 55	95 65	92 35	105 51	89 44	72 -14 49	104 0.53 74	82 0.8 60	75 -16 53	81 4.8 70	120 9.9 56	116 113 60	86 12.9 60	93 54 48	109 57 54	94 -27 19	114 1.1 55	96 10.5 57	111 -15.2 38	115 -3.1 25	111 38.6 51	95 -7 52	83 -1 49	83 -1.03 42	119 3.01 46	98 -0.25 43
OMB260023 6020353980	1	HART140265 OMB190057			77 69	108 70	120 58	85 58	100 41	100 56	104 66	105 34	100 52	106 46	113 41 56	82 2.84 73	85 0.4 62	115 44 58	108 19.1 70	120 9.8 58	115 109 62	111 34.5 60	100 81 51	110 59 57	95 -28 17	89 -0.3 54	94 8.9 56	83 0.6 43	112 -2.7 26	104 34.5 54	115 9 53	107 20 51	96 0.28 44	112 1.89 47	125 2.05 44
OMB260027 6020354020	1	HART140265 OMB200028			78 69	118 70	107 58	83 58	100 41	105 56	113 66	109 36	105 52	107 46	114 43 56	79 3.17 73	95 -0.9 62	119 49 58	118 24.7 70	107 5.8 58	112 101 62	118 40.8 60	103 92 51	111 62 53	98 -34 18	90 -0.2 55	90 7.1 55	79 2.7 43	117 -3.5 26	102 33.0 53	116 9 54	109 21 52	96 0.28 45	110 1.58 48	127 2.19 45
OMB260030 6020354053		HART210212 OMB110032			83 68	97 69	99 54	97 49	98 33	84 53	87 64	98 29	85 48	96 34	95 17 40	86 2.47 73	86 0.4 58	102 25 49	97 13.6 69	99 3.4 54	96 63 57	105 29.0 52	92 50 40	98 31 42	82 -7 15	120 1.4 49	104 15.1 50	96 -6.8 32	101 -0.7 19	100 31.8 48	102 -2 46	91 5 41	79 -1.37 33	103 0.48 36	118 1.45 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	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																															
OMB260031				81	110	112	90	101	103	107	106	103	106	109	82	92	109	110	112	114	111	100	107	88	85	80	82	116	104	112	105	99	109	126
6020354061	26			69	69	55	57	40	55	65	36	51	48	36	2.90	-0.5	35	20.2	7.4	107	34.5	78	52	-18	-0.5	1.0	1.3	-3.4	34.3	6	18	0.62	1.42	2.15
														56	73	61	57	69	55	60	60	51	57	18	55	56	43	25	52	54	52	47	50	47
OMB260032				101	89	102	109	130	107	89	97	105	95	90	98	102	89	89	102	97	94	91	103	91	99	102	121	133	102	81	78	100	110	99
6020354079	1			71	72	58	54	41	57	67	38	53	48	10	1.16	-1.8	6	9.2	4.3	66	19.6	46	44	-22	0.3	13.9	-21.0	-6.3	33.0	-18	-6	0.72	1.65	-0.15
														43	75	61	54	72	58	61	61	52	54	22	58	58	41	28	54	56	53	47	50	47
OMB260033				81	108	92	93	108	95	96	102	95	103	105	71	94	107	108	92	96	112	95	101	79	108	111	97	116	98	84	83	91	98	123
6020354087	3			68	69	54	49	37	53	64	34	49	42	30	4.01	-0.8	32	19.0	1.2	65	35.9	60	38	-3	0.8	19.5	-7.2	-3.4	30.9	-16	-1	-0.27	-0.24	1.92
														40	73	58	49	69	54	57	50	44	40	21	52	50	38	25	49	49	45	41	44	41
OMB260034				100	81	112	124	111	99	88	97	98	92	77	105	77	79	81	112	105	89	88	98	93	108	93	118	102	107	98	83	100	119	98
6020354095	1			69	71	56	53	39	55	66	35	51	44	-8	0.44	1.5	-8	5.0	7.4	85	15.2	34	31	-24	0.8	8.6	-19.3	-0.9	36.2	-5	-1	0.66	3.08	-0.19
														50	74	60	53	71	56	60	60	48	56	19	55	57	38	26	53	53	50	42	45	42
OMB260036				93	95	112	102	98	95	96	93	93	92	91	93	93	95	95	112	109	101	91	104	77	116	97	87	104	103	94	87	80	95	121
6020354111	1			68	69	53	49	35	53	63	33	49	38	11	1.69	-0.7	15	12.2	7.5	94	25.4	46	46	1	1.2	11.1	-1.9	-1.3	33.5	-8	2	-1.32	-0.79	1.68
														42	73	57	49	69	53	57	52	42	44	21	51	51	35	22	48	47	43	36	39	36
OMB260039				98	98	114	99	99	102	102	91	98	94	104	96	101	99	98	114	111	98	91	96	89	84	97	98	92	111	98	96	112	99	106
6020354145	1			70	70	59	59	42	57	67	36	53	44	29	1.37	-1.7	20	14.1	7.9	99	22.9	46	26	-19	-0.5	10.7	-8.1	0.9	38.6	-5	10	1.89	-0.14	0.45
														56	74	63	59	70	59	63	58	51	57	18	55	57	42	27	57	54	51	42	45	42
OMB260040				89	105	100	97	93	93	99	111	96	110	99	89	93	102	105	100	103	111	98	101	80	124	107	82	99	107	102	93	78	104	127
6020354152				68	69	53	49	34	53	63	30	48	38	22	2.07	-0.6	24	17.4	3.7	81	35.0	73	39	-4	1.7	16.7	1.1	-0.3	36.3	-2	8	-1.48	0.67	2.25
														45	73	57	49	69	53	57	52	42	42	16	50	49	33	21	47	47	43	36	39	36
OMB260042				104	95	92	95	104	92	88	95	91	96	98	101	111	104	95	92	87	103	92	108	84	104	113	98	106	103	99	90	86	95	118
6020354178	1			68	68	51	48	34	52	62	30	48	37	21	0.90	-3.0	28	12.3	1.4	42	27.4	51	56	-10	0.5	20.8	-8.1	-1.6	33.8	-4	5	-0.73	-0.66	1.50
														44	73	57	48	68	51	56	50	41	38	15	51	49	34	20	47	47	42	35	39	36
OMB260043				82	98	97	98	101	86	87	101	87	97	95	85	86	101	98	97	95	104	94	97	83	112	107	93	102	105	98	88	83	92	114
6020354186	1			68	69	53	49	32	52	63	30	48	37	17	2.58	0.4	23	14.0	2.8	62	28.5	57	28	-8	1.0	17.0	-5.3	-0.9	34.9	-4	3	-0.97	-1.18	1.14
														42	73	57	49	69	53	57	52	42	38	15	50	49	31	19	47	47	43	35	39	35
OMB260045				76	114	116	84	84	96	111	99	95	103	118	80	88	117	114	116	116	112	100	93	96	97	103	73	98	100	113	111	103	97	110
6020354194	2			69	69	56	57	40	55	65	36	51	46	48	3.04	0.0	47	22.7	8.5	112	35.5	80	19	-31	0.1	14.3	6.2	-0.2	31.6	7	24	1.01	-0.38	0.79
														55	73	61	57	69	56	61	59	51	55	17	56	57	43	25	52	55	52	44	47	44
OMB260047				131	77	117	127	106	112	97	97	109	95	79	131	108	77	77	117	107	86	91	94	90	110	95	103	106	109	100	85	90	116	106
6020354210	4			68	70	55	53	39	55	65	34	51	44	-5	-2.31	-2.7	-13	2.8	8.8	90	12.9	47	22	-20	0.9	9.9	-10.6	-1.5	37.4	-3	0	-0.28	2.66	0.48
														50	73	59	53	70	55	59	60	48	57	18	53	56	39	27	52	52	49	42	45	42
OMB260049				94	93	124	107	103	105	101	102	104	104	93	97	85	90	93	124	121	100	97	105	97	103	105	100	106	101	100	91	101	119	108
6020354236	2			68	60	52	52	38	51	59	36	48	44	15	1.27	0.4	8	11.3	11.1	123	24.6	67	47	-32	0.5	15.8	-9.1	-1.7	32.7	-3	6	0.81	2.99	0.63
														46	73	58	52	60	52	55	59	49	54	19	55	56	38	26	50	53	50	43	46	43

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 Thickn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
			Sire ID Dam ID																															
OMBU260050 6020354244	3	HART140265 OMB220015		91 68	111 60	107 53	83 55	101 38	104 51	108 59	104 35	104 48	106 46	117 46	90 2.04	105 -2.3	119 50	111 20.6	107 6.0	106 87	112 35.7	102 86	112 65	90 -21	99 0.3	94 9.2	89 -2.9	111 -2.5	102 33.0	107 2	107 20	103 0.96	97 -0.46	119 1.54
OMBU260053 6020355746		OMB140110		105 60	90 40	100 40	105 38	115 26	100 37	89 43	83 22	96 34	84 22	92 12	103 0.66	104 -2.1	94 13	90 9.8	100 3.6	94 59	89 15.6	84 19	95 24	83 -9	92 -0.1	99 12.1	107 -13.2	134 -6.6	78 18.6	89 -12	83 -2	77 -1.65	102 0.30	109 0.72
OMBU260054 6020354277	1	HART140265 OMB190099		80 69	117 60	113 56	82 57	103 39	109 52	115 60	107 34	108 48	110 44	121 51	81 2.97	95 -1.0	119 50	117 23.9	113 7.7	115 109	117 40.3	102 88	99 34	96 -30	88 -0.4	91 7.2	88 -2.0	116 -3.5	100 31.9	116 10	112 24	108 1.47	99 -0.13	117 1.34
OMBU260058 6020354327	2	HART170114 OMB200023		105 68	84 59	103 51	129 52	110 38	100 50	90 58	90 35	97 47	92 44	77 -8	107 0.24	85 0.5	76 -14	84 6.2	103 4.7	101 76	90 16.3	89 37	99 33	86 -14	105 0.6	95 10.1	115 -17.7	106 -1.7	102 33.2	89 -12	81 -3	93 -0.02	106 0.98	98 -0.27
OMBU260063 6020354368	26	ERH 130044 OMB210060		100 70	99 61	97 57	103 58	112 41	104 53	98 61	90 33	100 49	95 44	102 26	95 1.49	109 -2.7	95 14	99 14.2	97 2.9	99 72	97 22.3	91 44	93 19	83 -9	79 -0.9	99 12.4	107 -12.8	109 -2.2	109 37.5	90 -11	90 5	114 2.11	91 -1.33	118 1.49
OMBU260065 6020354384		HART210212 OMB110018		99 68	97 57	97 52	101 48	90 30	88 48	94 57	91 28	87 44	93 34	95 17	95 1.50	106 -2.4	98 18	97 13.5	97 2.8	96 64	102 26.9	90 43	109 58	82 -7	119 1.4	110 19.0	88 -2.3	94 0.5	97 30.2	94 -8	86 1	74 -1.90	95 -0.75	112 0.99
OMBU260066 6020354392	1	HART210212 OMB170055		96 67	101 57	101 50	95 47	88 33	90 48	96 56	110 30	92 44	109 40	101 25	98 1.23	96 -1.1	104 27	101 15.3	101 4.0	100 72	109 33.3	99 75	112 64	84 -11	118 1.3	110 18.7	76 4.5	97 -0.1	103 33.4	96 -7	90 5	83 -1.06	101 0.24	125 2.08

Selection List on Cow Value

Bulls 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											
Italics: DNA Test																															
											★★★★★★																				
1	OMBU240139	OMBU240139	HART140265	OMBU140124	7	1.2					82	70	137	71	117	60	66	58	108	41	132	57	145	67	124	44	133	54	125	46	
											★★★★★★☆																				
1	OMBU200030	OMBU200030	HART090332	OMBU130103	8	0.8	HH(c)	0	0	0	6	128	93	105	94	102	88	103	87	109	86	126	83	117	92	109	86	124	84	117	85
2	OMBU220041	OMBU220041	HART140265	OMBU160065	8	1.8					77	70	127	71	119	59	73	58	105	43	120	57	130	67	110	38	119	53	119	48	
											★★★★★																				
1	OMBU200110	OMBU200110	HART160088	OMBU150015	8	3.6					100	69	129	69	91	55	83	55	97	39	119	55	129	65	112	30	119	50	123	38	
2	OMBU210044	OMBU210044	HART090332	OMBU180113	7	0.7					115	71	104	70	101	61	90	60	109	44	113	58	106	67	115	36	114	54	112	38	
3	OMBU210053	OMBU210053	ERH 130044	OMBU170005	8	2.1		0	0	0	104	72	98	73	102	61	105	59	115	42	110	58	101	69	88	37	105	54	92	43	
4	OMBU210080	OMBU210080	HART090332	OMBU180073	7	1.1					89	71	128	70	95	61	78	60	108	46	117	58	125	67	116	36	118	54	117	40	
5	OMBU210108	OMBU210108	AG 150126	OMBU190050	7	1.5					108	67	109	68	110	54	92	55	96	39	114	54	116	64	120	30	116	49	123	28	
6	OMBU210130	OMBU210130	ERH 130044	OMBU140074	7	0.7					100	71	103	71	124	62	94	59	103	44	114	58	112	68	85	36	108	54	98	42	
7	OMBU220023	OMBU220023	HART140265	OMBU170005	9	1.8	HH(c)	0	0	0	91	90	100	90	141	88	90	88	98	86	111	82	112	89	106	86	110	83	108	86	
8	OMBU220028	OMBU220028	HART200020	OMBU180113	7	1.8	HH(c)	0	0	0	101	88	110	89	105	86	90	86	117	85	118	80	111	88	106	85	117	81	109	85	
9	OMBU220040	OMBU220040	HART140265	OMBU140110	7	1.3	HH(c)	0	0	0	94	89	102	90	123	88	95	88	111	86	114	81	108	89	103	86	112	82	110	86	
10	OMBU220084	OMBU220084	ERH 130044	OMBU180134	8	25.8					92	70	109	70	101	59	86	59	119	42	111	57	105	67	85	34	106	52	97	44	
11	OMBU220092	OMBU220092	HART140265	OMBU180126	7	2.5					81	69	113	69	119	58	81	58	108	39	111	55	113	66	107	41	110	52	114	46	
12	OMBU220121	OMBU220121	ERH 130044	OMBU200018	7	1.1					84	70	111	70	106	59	93	59	114	42	110	57	107	67	100	41	108	54	106	43	
13	OMBU220124	OMBU220124	ERH 130044	OMBU200045	8	1.1	HH(c)	0	0	0	109	90	97	90	98	88	106	88	124	86	114	82	99	89	81	87	107	83	89	86	
14	OMBU230062	OMBU230062	HART170114	OMBU180113	7	0.6		0	0	0	112	68	87	70	116	55	105	53	118	37	111	54	95	65	102	42	109	52	102	44	
15	OMBU230079	OMBU230079	HART140265	OMBU130024	7	0.8					71	72	126	71	124	60	71	58	103	42	116	57	128	67	116	45	117	55	120	46	
16	OMBU230089	OMBU230089	HART170114	OMBU180111	7	1.0		0	0	0	85	68	110	70	116	55	94	53	116	39	116	55	112	65	102	42	114	52	108	44	
17	OMBU230133	OMBU230133	HART140265	OMBU120092	7	0.6					83	70	110	71	128	60	85	58	104	41	113	57	114	67	105	44	112	54	114	44	
18	OMBU240037	OMBU240037	OMBU200030	OMBU210145	7	7.3					132	66	94	68	100	49	102	48	114	35	117	51	102	62	99	30	114	47	106	29	
19	OMBU240038	OMBU240038	OMBU200030	OMBU210115	6	0.9					100	66	117	67	111	47	91	47	94	32	117	50	123	61	107	38	115	48	112	23	
20	OMBU240043	OMBU240043	OMBU200030	OMBU220043	7	0.9					104	66	117	67	104	46	84	47	96	34	114	50	119	60	108	38	113	48	115	30	
21	OMBU240044	OMBU240044	OMBU200030	OMBU220083	7	4.0					119	66	96	68	111	47	102	47	107	34	115	51	106	61	106	30	114	47	105	30	

Selection List on Cow Value

Bulls 2 years and older

ID	Name	Sire ID	Dam ID	Visual Score	Sorted on ID	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										
													★★★★																			
22	OMBU240049	OMBU240049	OMBU200030	OMBU220055	7	0.6							118	66	97	67	111	46	97	46	109	33	115	50	104	60	107	30	114	46	110	28
23	OMBU240050	OMBU240050	OMBU200030	OMBU220048	7	7.4							116	66	103	68	99	48	99	47	104	34	112	51	107	61	107	30	111	47	110	30
24	OMBU240055	OMBU240055	OMBU200030	OMBU220080	7	7.2							118	66	105	68	99	47	96	47	109	34	117	51	111	61	99	38	114	48	105	28
25	OMBU240063	OMBU240063	OMBU200030	OMBU210169	6	1.0							110	66	110	68	105	48	94	47	101	33	117	51	116	61	103	38	115	48	106	26
26	OMBU240068	OMBU240068	HART190204	OMBU190082		1.1							128	68	110	60	87	51	82	51	105	37	115	50	111	58	125	37	118	47	123	36
27	OMBU240070	OMBU240070	OMBU200030	OMBU220025	7	2.6							108	66	101	67	106	45	105	45	109	33	115	50	108	60	106	30	114	46	110	28
28	OMBU240072	OMBU240072	HART190204	OMBU180134	6	1.3							104	68	118	70	91	54	87	52	111	38	118	54	115	65	107	44	116	52	114	40
29	OMBU240080	OMBU240080	HART190204	OMBU190017	6	2.8							105	68	115	70	86	54	93	52	102	39	110	54	111	65	111	46	110	52	111	39
30	OMBU240085	OMBU240085	HART190204	OMBU180135	7	2.9							127	69	107	70	83	54	94	52	106	40	114	55	107	65	122	38	116	52	122	40
31	OMBU240088	OMBU240088	HART190204	OMBU180113	7	1.1							100	68	117	70	96	54	83	52	111	36	115	54	115	64	122	44	118	52	123	40
32	OMBU240095	OMBU240095	OMBU200030	OMBU220049	6	4.0							112	66	99	67	115	46	95	46	99	33	110	50	107	60	105	30	109	46	110	30
33	OMBU240099	OMBU240099	HART190204	OMBU190047	7	2.1							102	68	114	70	88	54	91	52	110	39	112	54	109	65	117	38	114	51	120	38
34	OMBU240106	OMBU240106	HART110186	OMBU140099	7	6.7							92	71	109	71	118	61	93	59	100	43	112	58	114	68	121	39	115	54	121	47
35	OMBU240155	OMBU240155	HART140265	OMBU190011	8	1.4							101	70	106	70	118	59	91	58	98	42	111	57	112	66	101	36	109	53	106	46
36	OMBU240189	OMBU240189	OMBU200030	OMBU220036	6	7.2							105	66	109	68	106	47	94	47	108	33	117	51	113	61	104	39	115	49	111	30
													★★★★☆																			
1	ERH 130044	ERH130044	HART090326	ERH 080008	9	2.8	HH(c)	0	0	0			96	97	102	98	96	95	97	95	116	93	104	88	97	97	82	94	98	89	92	94
2	HART140265	HART140265	HART100116	AEJ 060163		1.7	HH(c)	0	0	0			76	98	110	98	126	96	82	96	103	95	106	89	111	97	106	96	106	90	112	96
3	HART170114	HART170114	FCT 110285	HART130193	8	1.8	HH(c)	0	0	0			96	97	82	97	124	95	129	95	117	94	108	88	95	96	101	94	107	89	103	94
4	OMBU140018	OMBU140018	VV 080161	OMBU120003	7	0.3							126	69	81	69	118	58	126	58	84	40	101	56	100	66	90	34	98	52	87	34
5	OMBU140125	OMBU140125	HART090332	HART080243	7	0.8							112	73	104	73	100	64	89	62	101	49	106	60	103	70	115	38	108	56	118	43
6	OMBU170100	OMBU170100	OMBU120020	OMBU140105		2.1							111	65	95	51	106	42	107	41	89	33	100	44	102	50	98	27	98	41	94	30
7	OMBU190107	OMBU190107	BRD 140100	OMBU140105		0.8							88	67	119	57	98	48	83	48	90	36	101	48	113	56	107	30	102	44	113	22
8	OMBU200029	OMBU200029	HART090332	OMBU130069	8	2.4	HH(c)	0	0	0			113	90	101	90	82	87	100	87	104	85	100	81	95	89	84	86	95	82	88	84
9	OMBU200037	OMBU200037	HART090332	OMBU130102	7	1.0							120	71	94	72	90	63	121	61	97	47	102	59	99	69	102	44	102	56	90	39
10	OMBU200090	OMBU200090	HART090332	OMBU160055	8	4.2							121	71	99	71	86	62	98	59	106	45	104	58	96	68	106	36	104	54	104	38
11	OMBU210045	OMBU210045	AG 150126	OMBU130110	6	1.6							105	69	101	69	119	58	86	55	88	37	101	55	106	65	108	30	102	50	105	26
12	OMBU210047	OMBU210047	HART090332	OMBU180133	8	0.7							115	71	98	70	101	61	97	60	105	44	107	58	101	67	105	36	106	54	105	38

Selection List on Cow Value

Bulls 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										
Sorted on ID												Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc										
												★★★★☆																			
13	OMBU210049	OMBU210049	HART090332	OMBU150092	7	0.2						79	70	123	70	105	60	78	59	95	44	105	57	118	67	120	34	108	52	125	34
14	OMBU210054	OMBU210054	HART090332	OMBU120051	8	0.5						114	71	101	70	98	62	101	60	97	46	105	58	104	67	108	34	105	53	109	34
15	OMBU210107	OMBU210107	ERH 130044	OMBU170089	7	1.4						96	61	105	70	127	59	89	58	95	42	109	55	112	65	93	35	106	51	103	44
16	OMBU210118	OMBU210118	AG 150126	OMBU180122	7	1.5						99	68	109	68	120	53	93	54	84	39	107	54	117	64	114	30	109	49	119	29
17	OMBU210128	OMBU210128	AG 150078	OMBU180024	7	2.9						102	70	109	71	95	59	100	59	88	42	101	57	109	67	85	36	96	53	90	40
18	OMBU210133	OMBU210133	ERH 130044	OMBU160071	7	2.4						110	70	98	71	105	60	105	59	97	43	104	57	103	67	85	36	99	53	94	44
19	OMBU210149	OMBU210149	ERH 130044	OMBU160055	7	2.0						111	70	99	71	86	60	101	58	114	42	104	57	94	67	85	33	99	52	92	43
20	OMBU220037	OMBU220037	AG 150078	OMBU120092	7	0.8	HH(c)	0	0	0		91	89	122	89	101	88	86	87	83	85	105	81	121	89	97	86	103	82	103	85
21	OMBU220045	OMBU220045	HART140265	OMBU170074	7	1.0						87	70	108	70	107	57	89	58	103	41	102	56	104	66	103	34	102	52	101	46
22	OMBU220061	OMBU220061	HART140265	OMBU180029	6	1.8						84	69	106	61	112	55	98	57	98	42	102	53	106	61	108	36	103	50	111	46
23	OMBU220067	OMBU220067	HART140265	OMBU170173	8	1.0						91	69	99	70	114	58	107	58	96	41	100	56	104	66	94	36	98	52	96	46
24	OMBU220069	OMBU220069	ERH 130044	OMBU190117	7	2.1						112	70	92	70	106	58	109	58	98	42	101	56	98	66	90	33	98	51	93	42
25	OMBU220072	OMBU220072	HART170114	OMBU190057	7	3.9						83	68	99	70	118	54	99	53	105	40	100	55	98	65	105	34	100	51	109	44
26	OMBU220077	OMBU220077		OMBU190105		0.0						116	58	91	58	97	38	105	37	107	27	101	43	92	52					89	17
27	OMBU220078	OMBU220078	ERH 130044	OMBU190101	7	2.5						105	69	96	70	106	58	100	58	104	42	102	56	98	66	93	32	99	51	98	40
28	OMBU220106	OMBU220106	ERH 130044	OMBU200034	8	1.6	HH(c)	0	0	0		108	90	99	90	87	88	118	88	97	87	100	82	101	89	76	87	94	83	87	87
29	OMBU220114	OMBU220114	HART140265	ERH 110062	6	1.3						92	72	95	72	106	61	96	59	123	43	103	58	91	68	97	45	101	55	93	50
30	OMBU220126	OMBU220126	ERH 130044	OMBU200027	8	1.7						106	70	105	70	102	59	91	59	104	43	108	57	105	66	95	41	105	54	106	43
31	OMBU220135	OMBU220135	ERH 130044	OMBU190056	7	0.5						100	69	100	69	96	57	93	58	109	40	100	55	94	65	101	39	99	52	105	40
32	OMBU230016	OMBU230016	HART140265	OMBU150106	6	0.9						94	70	98	70	113	59	94	57	107	40	102	56	99	66	88	42	99	53	95	46
33	OMBU230027	OMBU230027	ERH 130044	OMBU210022	7	0.7						84	70	118	69	105	57	77	58	107	41	109	56	115	65	105	40	109	53	118	42
34	OMBU230036	OMBU230036	OMBU200029	OMBU210001	7	1.4		0	0	0		108	65	102	66	95	48	107	48	91	34	100	50	104	60	83	40	95	48	88	28
35	OMBU230044	OMBU230044	ERH 130044	OMBU200116	7	3.2		0	0	0		100	70	102	70	95	57	103	58	106	42	103	56	101	66	84	42	98	53	87	44
36	OMBU230052	OMBU230052	ERH 130044	OMBU210097	7	13.6		0	0	0		118	69	98	70	92	58	100	59	115	43	109	56	97	66	82	40	103	53	91	44
37	OMBU230066	OMBU230066	HART140265	OMBU120051	7	0.6						79	70	116	70	114	59	85	58	98	40	106	56	115	67	100	40	105	53	108	42
38	OMBU230074	OMBU230074	HART170114	OMBU180133	7	0.6		0	0	0		105	68	84	70	118	55	111	53	114	37	104	54	92	65	93	42	101	52	97	44
39	OMBU230088	OMBU230088	OMBU200067	IH 110065	7	0.8		0	0	0		110	68	90	69	92	51	127	47	106	33	101	52	94	63	95	38	99	49	88	23
40	OMBU230091	OMBU230091	OMBU200043	OMBU180129	7	0.7						78	66	125	67	105	51	74	48	99	31	108	51	122	61	107	37	108	48	119	26
41	OMBU230103	OMBU230103	HART170114	OMBU190088	7	0.5		0	0	0		91	68	97	69	113	53	97	52	114	37	103	53	95	64	108	40	104	50	112	40
42	OMBU230104	OMBU230104	HART170114	OMBU200023	7	1.7						116	68	78	59	102	51	130	52	110	39	100	50	87	58	88	42	96	48	90	44

Selection List on Cow Value

Bulls 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									
					Italics: DNA Test						★★★★☆																			
43	OMBU230109	OMBU230109	HART140265	OMBU110044	7	0.3		0	0	0	105	71	90	71	118	60	94	59	104	40	100	57	94	67	91	40	97	54	96	42
44	OMBU230123	OMBU230123	OMBU200043	OMBU180085	7	1.5		0	0	0	98	66	114	67	87	51	89	49	104	34	105	51	106	62	106	38	105	48	107	28
45	OMBU230124	OMBU230124	ERH 130044	OMBU200077	6	2.0					79	70	106	69	108	57	100	58	109	43	103	56	103	65	93	40	100	53	94	44
46	OMBU230137	OMBU230137	OMBU200046	OMBU150083	6	2.2					102	67	108	67	103	50	98	46	89	32	103	51	110	61	91	38	100	48	104	27
47	OMBU230143	OMBU230143	HART140265	ERH 110062	8	1.3					91	72	105	72	104	61	81	59	122	43	106	58	99	68	111	45	107	55	110	50
48	OMBU230148	OMBU230148	AG 130399	OMBU150097	7	1.5					98	72	104	72	98	61	113	58	102	44	107	58	106	68	93	38	104	54	97	26
49	OMBU230166	OMBU230166	HART140265	OMBU130110	6	0.8					102	70	95	71	122	60	88	58	101	39	102	56	98	67	93	42	99	53	95	44
50	OMBU230174	OMBU230174	AG 130399	OMBU150090	7	2.5		0	0	0	106	72	97	72	104	61	106	59	101	44	104	58	100	68	90	40	100	54	92	30
51	OMBU240040	OMBU240040	AG 130399	OMBU220064	7	1.8					115	69	95	70	101	56	108	57	105	40	108	55	101	66	83	28	102	50	83	28
52	OMBU240042	OMBU240042	HART170114	OMBU200107	7	0.8					75	68	109	68	117	50	88	51	101	38	101	53	105	63	112	41	103	51	114	42
53	OMBU240048	OMBU240048	AG 130399	OMBU220053		1.2					101	69	83	69	110	55	130	56	109	41	101	55	91	65	85	29	96	50	84	28
54	OMBU240051	OMBU240051	AG 130399	OMBU210114	7	2.1					87	69	114	69	113	56	93	57	95	41	109	55	116	65	102	38	108	52	107	24
55	OMBU240052	OMBU240052	AG 130399	OMBU210156	7	3.0					88	69	112	69	103	57	91	58	103	43	106	56	107	65	90	30	102	51	90	28
56	OMBU240053	OMBU240053	OMBU200030	OMBU210112	6	0.7					99	66	113	67	113	47	88	47	89	33	109	50	118	61	112	38	110	48	115	22
57	OMBU240061	OMBU240061	OMBU210066	OMBU210022	7	6.8					81	65	116	65	94	46	88	46	107	31	103	49	106	59	110	36	104	46	108	26
58	OMBU240122	OMBU240122	HART140265	OMBU190101	6	1.9					85	69	110	70	121	56	85	57	98	40	105	55	110	66	107	34	106	51	112	44
59	OMBU240123	OMBU240123	CEF 160394	OMBU150056	7	1.0					94	71	105	72	91	61	96	59	115	43	103	58	97	68	102	42	102	55	101	50
60	OMBU240135	OMBU240135	NFS 180147	OMBU130127	6	1.2					95	70	110	71	108	57	86	55	95	39	103	56	108	66	117	56	106	56	119	48
61	OMBU240145	OMBU240145	HART140265	OMBU190066	7	0.8					76	69	114	70	113	56	88	57	97	40	103	55	111	66	105	34	103	51	109	44
62	OMBU240146	OMBU240146	HART170114	OMBU200130	7	1.0					72	68	110	69	112	51	95	52	107	37	103	53	104	63	104	43	102	51	105	42
63	OMBU240169	OMBU240169	NFS 180147	OMBU190117	6	1.4					135	69	88	69	98	54	106	54	94	38	102	54	95	64	113	48	104	53	111	46
64	OMBU240171	OMBU240171	HART190204	OMBU200023	7	2.2					118	68	101	69	82	51	104	51	104	39	104	53	99	63	109	38	104	50	106	40
65	OMBU240173	OMBU240173	HART140265	OMBU160071	7	1.7					95	70	99	71	123	59	96	58	91	42	101	57	104	67	96	38	99	53	98	47
66	OMBU240175	OMBU240175	HART170114	OMBU210001	7	1.3					107	68	98	69	111	52	115	52	97	39	109	54	109	64	85	43	104	52	97	45
67	OMBU240192	OMBU240192	HART140265	OMBU140049	6	1.2					92	72	104	71	104	60	95	58	111	42	105	57	101	67	102	36	104	53	99	47
											★★★★																			
1	BRD 140100	BRD 140100	BRD 070134	BRD 030114	8	0.8					72	86	136	88	89	75	72	76	80	54	98	71	125	84	114	45	100	66	125	16
2	GMS 080273	GMS080273	GMS 030276	GMS 040056		1.8					100	94	110	95	100	89	78	87	77	65	90	80	106	93	117	48	95	74	123	14

Selection List on Cow Value

Bulls 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												
					Italics: DNA Test				★★★★																					
3	HART120080	HART120080	HART070087	HART100039	1.8				112	83	94	81	90	73	103	70	106	53	98	67	91	78	92	50	96	64	93	66		
4	HART160088	HART160088	HART090329	HART070122	2.1	HH(c)			79	95	127	96	72	93	88	93	89	90	92	86	108	95	106	90	93	87	112	90		
5	OMBU130046	OMBU130046	VV 080161	GRT 990121	0.5				124	72	85	73	106	63	114	59	87	45	96	59	95	69	91	37	93	55	97	41		
6	OMBU140077	OMBU140077	OMBU100009	OMBU120016	7	0.5			128	67	75	68	129	52	117	50	81	33	96	52	95	63	86	30	93	48	84	28		
7	OMBU140114	OMBU140114	GMS 080273	OMBU110006	8	0.6			76	70	118	70	103	59	81	57	82	42	92	56	110	66	98	31	91	51	105	20		
8	OMBU140159	OMBU140159	ERH 100063	VV 060329	7	0.6			102	71	105	71	90	59	97	57	96	43	97	57	100	67	92	37	95	53	98	40		
9	OMBU150005	OMBU150005	VV 080161	OMBU120017	8	0.6			112	70	98	70	107	60	103	59	71	45	92	57	104	67	92	38	90	53	94	42		
10	OMBU150060	OMBU150060	HART090332	IH 020007	0.5				100	73	100	64	97	64	109	62	97	50	99	58	101	65	108	42	100	55	99	44		
11	OMBU150089	OMBU150089	ERH 090054	OMBU100027	0.5				104	69	96	70	85	59	104	56	102	38	91	55	89	66	90	28	89	50	89	30		
12	OMBU170040	OMBU170040	OMBU120020	OMBU140043	0.9				103	65	95	51	105	42	101	41	91	32	92	44	95	50	99	25	92	40	95	28		
13	OMBU200041	OMBU200041	HART110073	OMBU170089	7	1.5	0	0	0	109	69	91	70	116	58	102	57	89	42	96	56	97	66	98	42	96	53	99	40	
14	OMBU200056	OMBU200056	HART160088	OMBU120077	9	0.2	1	0	0	72	70	126	70	91	58	70	55	93	37	94	55	112	66	133	38	101	52	131	34	
15	OMBU200067	OMBU200067	HART160088	OMBU120041	8	0.8	HH(c)	0	0	0	102	90	103	90	74	86	104	86	101	85	91	81	90	89	103	86	92	82	99	84
16	OMBU200098	OMBU200098	AG 150078	OMBU140024	7	1.1	0	0	0	95	70	120	71	93	60	88	59	77	43	98	57	115	67	103	37	98	53	106	40	
17	OMBU210006	OMBU210006	AG 150078	OMBU110027	7	0.8	0	0	0	121	72	95	72	97	61	102	58	74	39	90	57	98	68	85	34	87	52	85	34	
18	OMBU210043	OMBU210043	HART110073	OMBU190011	7	3.1			110	70	91	70	94	59	110	58	98	44	94	57	91	66	86	34	90	52	88	38		
19	OMBU210059	OMBU210059	AG 150126	JS 130204	7	3.3			92	70	104	70	95	58	120	54	84	38	95	55	107	66	107	30	96	50	104	26		
20	OMBU210066	OMBU210066	HART160088	OMBU140110	8	1.5	HH(c)	0	0	0	95	90	116	90	63	87	96	87	112	85	99	81	98	89	96	86	97	82	92	86
21	OMBU210070	OMBU210070	AG 150126	OMBU120072	6	1.1			91	69	104	69	118	57	95	55	84	38	98	55	108	65	106	32	99	50	106	27		
22	OMBU210072	OMBU210072	HART160088	OMBU130103	7	1.1	1	0	0	101	70	105	70	92	57	104	56	91	40	97	56	103	66	94	32	95	51	99	38	
23	OMBU210100	OMBU210100	HART160088	IH 090012	8	2.0			90	71	104	71	99	59	96	57	93	43	92	57	97	67	106	37	94	53	108	40		
24	OMBU210109	OMBU210109	AG 150126	OMBU180107	7	1.6			103	68	103	68	100	54	89	55	91	40	95	54	99	64	117	31	99	49	116	29		
25	OMBU210122	OMBU210122	AG 150078	OMBU130127	7	1.8			90	72	111	71	114	60	86	58	73	42	94	57	111	67	103	36	94	53	98	39		
26	OMBU210129	OMBU210129	ERH 130044	OMBU170015	7	1.9			92	71	100	71	94	61	95	59	116	43	98	58	91	68	89	34	95	53	91	42		
27	OMBU210136	OMBU210136	AG 150078	IH 110073	7	0.6			120	72	88	72	98	61	107	59	87	43	91	58	91	68	87	36	88	54	84	38		
28	OMBU220004	OMBU220004	AG 150078	OMBU150029	7	1.9			100	70	109	62	99	58	88	59	87	42	98	54	106	62	95	35	96	50	91	38		
29	OMBU220021	OMBU220021	AG 150078	IH 110059	7	2.7	Pp(c)	0	0	0	84	89	108	89	105	87	99	87	78	85	90	81	104	88	90	86	88	82	98	85
30	OMBU220030	OMBU220030	AG 150078	OMBU130122	8	2.2	HH(c)	0	0	0	96	90	104	90	109	88	96	88	84	86	96	82	106	89	85	86	92	83	85	86
31	OMBU220034	OMBU220034	AG 150078	OMBU120088	7	0.3			97	70	100	71	109	59	97	58	79	40	90	56	101	67	87	34	88	52	92	34		
32	OMBU220054	OMBU220054	HART200020	OMBU190002	1.8				102	68	100	69	87	51	92	49	102	33	91	52	90	63	89	32	89	48	93	40		

Selection List on Cow Value

Bulls 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											
Sorted on ID											Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc											
											★★★★																				
33	OMBU220057	OMBU220057	AG 150078	OMBU120061	9	0.3	HH(c)	0	0	0		101	88	105	88	100	87	82	86	91	84	94	80	99	88	103	84	95	81	109	84
34	OMBU220070	OMBU220070	ERH 130044	OMBU190017	7	2.0	HH(c)	0	0	0		95	90	109	90	91	88	89	88	99	86	98	82	101	89	98	86	97	83	99	86
35	OMBU220076	OMBU220076	ERH 130044	OMBU200015	7	3.1						88	70	99	70	101	59	101	58	107	41	95	56	93	66	96	32	94	51	96	40
36	OMBU220089	OMBU220089	AG 150078	OMBU160002	8	1.7	HH(c)	0	0	0		84	89	113	89	114	88	88	87	69	86	91	81	113	89	89	86	89	82	102	86
37	OMBU220094	OMBU220094	AG 150078	OMBU160055	7	3.1						120	70	96	70	87	59	102	57	84	40	91	56	94	66	88	42	88	53	86	38
38	OMBU220110	OMBU220110	AG 150078	OMBU150056	8	1.7						89	70	112	71	106	60	89	59	83	42	96	57	109	67	99	43	95	54	101	38
39	OMBU220116	OMBU220116	ERH 130044	OMBU170015	7	1.9	HH(c)	0	0	0		106	89	92	89	81	87	103	87	120	85	95	81	82	88	83	86	90	82	83	85
40	OMBU220120	OMBU220120	AG 150078	OMBU120016	8	0.4						107	70	91	70	118	60	110	58	73	40	91	56	102	67	86	42	88	53	89	38
41	OMBU220133	OMBU220133	AG 150078	OMBU150029	7	1.9						105	70	101	70	101	59	96	59	86	42	94	57	100	67	96	42	93	54	93	38
42	OMBU220134	OMBU220134	AG 150078	OMBU180135	7	3.0						109	70	102	70	94	59	99	59	81	43	92	57	101	67	99	42	92	54	98	40
43	OMBU230008	OMBU230008	HART140265	OMBU110044	7	0.3						91	71	94	71	120	60	97	59	104	40	99	57	96	67	89	40	96	54	91	42
44	OMBU230011	OMBU230011	AG 150078	OMBU190050	7	2.2						101	69	105	70	102	57	98	58	85	42	97	56	105	66	110	42	99	53	105	38
45	OMBU230012	OMBU230012	AG 150078	OMBU160097	7	1.7						94	70	105	71	120	59	93	59	68	42	93	57	110	67	91	42	90	54	93	38
46	OMBU230017	OMBU230017	HART140265	OMBU160072	7	1.8						91	70	94	70	113	59	96	58	100	40	93	56	92	66	97	42	92	53	97	46
47	OMBU230029	OMBU230029	ERH 130044	OMBU200078	7	3.4						85	69	111	70	103	57	89	58	92	42	96	56	105	66	90	41	93	53	97	43
48	OMBU230034	OMBU230034	ERH 130044	OMBU210093	6	6.0		0	0	0		101	69	97	70	87	58	96	58	112	42	94	56	87	66	87	40	91	53	93	44
49	OMBU230040	OMBU230040	OMBU200029	OMBU210099	6	1.0		0	0	0		108	65	100	66	86	47	106	47	100	32	97	50	96	60	87	38	94	48	87	26
50	OMBU230063	OMBU230063	ERH 130044	OMBU200092	7	3.3		0	0	0		99	69	99	69	96	57	103	58	96	41	94	56	97	65	80	40	90	53	81	43
51	OMBU230065	OMBU230065	ERH 130044	OMBU210071	7	2.1		0	0	0		99	69	98	69	106	57	95	58	101	40	99	55	98	65	104	40	99	52	105	40
52	OMBU230083	OMBU230083	OMBU200043	OMBU190082	7	0.7		0	0	0		100	66	107	66	96	48	83	47	101	32	99	50	101	60	122	38	104	48	119	21
53	OMBU230090	OMBU230090	OMBU200067	OMBU130072	7	2.5		0	0	0		125	67	98	68	78	51	98	47	102	33	99	51	93	62	98	36	98	48	95	23
54	OMBU230098	OMBU230098	OMBU200043	OMBU180057	7	7.2		0	0	0		91	66	114	67	101	49	80	48	80	34	93	51	110	61	105	38	94	48	118	20
55	OMBU230105	OMBU230105	OMBU200067	OMBU120031	6	1.7		0	0	0		85	68	103	69	88	52	97	48	115	36	95	53	90	63	107	41	96	51	102	30
56	OMBU230118	OMBU230118	OMBU200067	OMBU130127	7	1.2						112	67	94	68	104	50	99	47	95	33	97	51	95	62	109	39	99	49	100	26
57	OMBU230128	OMBU230128	HART140265	JS 130204	7	2.2						91	71	101	72	97	60	106	57	97	40	94	57	97	68	101	42	94	54	95	44
58	OMBU230129	OMBU230129	AG 150078	OMBU150056	7	1.7						98	70	104	71	106	60	96	59	83	42	95	57	104	67	97	43	94	54	96	38
59	OMBU230135	OMBU230135	HART140265	OMBU120062	6	1.2						73	71	106	71	117	60	91	58	98	41	96	57	101	67	103	42	96	54	106	46
60	OMBU230144	OMBU230144	HART170114	OMBU190110	7	1.9		0	0	0		107	68	88	69	109	53	118	52	93	38	96	54	94	64	105	42	97	52	102	44
61	OMBU230157	OMBU230157		OMBU180082		0.0						89	59	98	37	94	34	104	36	103	25	90	35	89	40					86	20
62	OMBU230158	OMBU230158	HART140265	OMBU120072	6	0.8						82	70	100	71	122	59	93	58	97	41	97	57	101	67	101	43	97	54	101	46

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										
							Q204X	nt821	F94L																					
							Italics: DNA Test																							
										★★★★																				
63	OMBU230159	OMBU230159	OMBU200046	OMBU170136	6	0.9		0	0	0	112	67	94	68	96	51	102	47	93	32	93	51	92	62	89	36	91	48	95	23
64	OMBU230168	OMBU230168	OMBU200067	OMBU140050	7	0.8					133	67	88	67	85	50	105	47	91	34	93	51	88	61	101	37	93	48	99	28
65	OMBU230173	OMBU230173	OMBU200046	OMBU140110	7	1.9		0	0	0	106	67	96	68	98	51	106	47	101	35	99	52	96	62	89	40	96	50	92	30
66	OMBU240046	OMBU240046		OMBU220013		0.0					91	58	97	58	101	36	101	37	103	24	93	42	92	51				82	18	
67	OMBU240047	OMBU240047	AG 130399	OMBU220012	7	2.1					106	69	91	69	105	56	111	57	92	42	94	55	94	65	81	29	90	50	81	26
68	OMBU240104	OMBU240104	HART200020	OMBU180010		0.9					124	69	94	61	102	52	98	49	87	35	98	50	99	59	107	34	99	47	101	40
69	OMBU240107	OMBU240107	CEF 160394	OMBU170069	7	1.0					90	70	98	71	92	59	102	58	117	43	97	57	89	67	99	40	97	54	91	49
70	OMBU240118	OMBU240118	OMBU200029	OMBU210046	6	1.0					101	66	109	65	92	45	88	46	95	33	98	49	101	59	102	38	98	47	103	26
71	OMBU240125	OMBU240125	CEF 160394	OMBU120031	6	2.3					89	72	102	72	81	62	101	59	124	45	98	59	89	68	103	50	98	57	95	53
72	OMBU240126	OMBU240126	HART130240	OMBU180057	7	1.0					94	69	114	70	102	57	85	57	77	42	95	56	111	66	109	34	97	52	107	40
73	OMBU240130	OMBU240130	NFS 180147	JS 130204	6	2.5					107	71	99	71	74	57	111	54	99	38	91	56	91	66	108	48	93	54	110	46
74	OMBU240143	OMBU240143	HART140265	OMBU160072	6	1.8					97	70	95	71	112	59	91	58	101	40	95	56	92	67	100	36	95	52	98	46
75	OMBU240150	OMBU240150	HART140265	OMBU200015	6	1.5					76	69	107	70	114	57	93	57	100	38	99	55	103	66	102	42	98	52	102	44
76	OMBU240166	OMBU240166	HART170114	OMBU210003	6	1.2					83	68	99	69	112	51	104	52	106	38	99	53	98	63	101	34	99	49	99	44
77	OMBU240176	OMBU240176	HART200020	OMBU120062	6	1.3					96	69	98	71	94	56	109	50	95	36	92	54	94	65	101	33	92	50	93	40
78	OMBU240179	OMBU240179	NFS 180147	OMBU110032	6	1.1					104	71	101	71	93	59	93	56	108	38	99	56	93	67	115	48	102	54	116	44
79	OMBU240183	OMBU240183	OMBU210053	OMBU120077	6	0.3					81	66	106	66	105	51	84	47	105	30	95	50	97	61	113	34	98	47	111	22
80	OMBU240186	OMBU240186	OMBU200029	OMBU150093	6	0.7					106	67	103	68	75	52	90	48	104	33	92	52	88	62	90	28	90	47	86	24
											★★★★☆																			
1	GMS 090201	GMS090201	AG 020291	GMS 040073		0.5					118	71	90	72	94	63	106	60	85	50	88	60	91	69	94	46	87	57	87	28
2	OMBU140081	OMBU140081	OMBU100009	OMBU120019	6	0.5					113	64	79	65	121	46	108	48	80	33	85	49	88	59	88	28	84	45	83	28
3	OMBU140088	OMBU140088	HART090332	ERH 060073	7	1.0					89	73	97	73	91	63	104	62	101	49	87	60	86	70	105	38	88	56	96	40
4	OMBU170095	OMBU170095	OMBU120020	OMBU140057		1.5					97	66	95	53	101	49	103	48	82	34	84	46	92	54	94	26	83	42	89	28
5	OMBU170503	OMBU170503	ERH 090054	HART100171		1.7					91	71	105	59	80	58	94	56	100	41	87	53	89	60	101	33	88	49	91	38
6	OMBU200036	OMBU200036	HART110073	OMBU170058	7	2.4		0	0	0	91	69	101	70	98	57	94	57	82	43	82	56	92	66	100	44	84	54	103	39
7	OMBU200042	OMBU200042	HART160088	OMBU120008	8	0.5		1	0	0	95	69	102	70	93	58	97	56	88	38	88	55	95	66	102	40	89	52	101	38
8	OMBU210135	OMBU210135	AG 150078	ERH 110077	6	3.1					94	72	101	72	80	62	102	59	93	44	83	58	89	69	88	38	81	54	87	43
9	OMBU220024	OMBU220024	AG 150078	OMBU120018	7	0.4	HH(c)	0	0	0	80	89	105	89	107	88	99	87	80	85	86	81	100	89	96	86	86	82	89	85

Selection List on Cow Value

Bulls 2 years and older

ID Sorted on ID	Name	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
10	OMBU220039	OMBU220039	AG 150078	OMBU120077	9	0.3	HH(c)	0	0	0							
11	OMBU220047	OMBU220047	AG 150078	OMBU130103	8	1.0	HH(c)	0	0	0							
12	OMBU220051	OMBU220051	AG 150078	OMBU120082	8	0.7	HH(c)	0	0	0							
13	OMBU220066	OMBU220066	AG 150078	OMBU120072	8	1.0											
14	OMBU220073	OMBU220073	ERH 130044	OMBU140145	9	1.4	HH(c)	0	0	0							
15	OMBU220101	OMBU220101	AG 150078	OMBU140074	8	0.7	HH(c)	0	0	0							
16	OMBU220105	OMBU220105	AG 150078	OMBU120050	7	1.8											
17	OMBU220111	OMBU220111	AG 150078	OMBU130127	8	1.8											
18	OMBU220119	OMBU220119	AG 150078	OMBU180122	7	2.6											
19	OMBU220123	OMBU220123	AG 150078	OMBU160071	7	3.7											
20	OMBU230013	OMBU230013	ERH 130044	OMBU190005	8	1.5	HH(c)	0	0	0							
21	OMBU230014	OMBU230014	AG 150078	OMBU170136	8	1.1											
22	OMBU230015	OMBU230015	AG 150078	OMBU170123	8	0.7											
23	OMBU230049	OMBU230049	AG 150078	OMBU160062	7	1.5		0	0	0							
24	OMBU230075	OMBU230075	AG 150078	OMBU140091	7	0.3											
25	OMBU230080	OMBU230080	AG 150078	OMBU170015	7	2.6		0	0	0							
26	OMBU230101	OMBU230101	AG 150078	OMBU140067	7	2.9											
27	OMBU230125	OMBU230125	AG 150078	OMBU170064	7	0.6		0	0	1							
28	OMBU230156	OMBU230156	OMBU200067	OMBU110026	6	1.3											
1	AG 150078	AG150078	AG 100384	AG 070315	7	6.6	HH(c)	0	0	0							
2	HART210212	HART210212	CEF 160394	HART140306		3.0	HH(c)	0	0	0							
3	OMBU140038	OMBU140038	HART090332	CWS 050064	6	0.4											
4	OMBU220068	OMBU220068	AG 150078	ERH 110081	7	5.2											
5	OMBU230110	OMBU230110	OMBU200067	HART200055		2.5		0	0	0							
6	OMBU230151	OMBU230151	AG 150078	OMBU140145	7	1.9		0	0	0							

Selection List on Cow Value

Bulls 2 years and older

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
										Italics: DNA Test												
													★★★									
1	OMBU220032	OMBU220032	AG 150078	HMB 120032	7	0.5	HH(c)	0	0	0		9189	8890	10388	10387	6786	6581	8089	6786	6182	7285	

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	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc
						<i>Italics: DNA Test</i>										
1	OMBU140124	OMBU140124	ERH 100063	IH 100082	1.0		79 81	140 79	110 83	65 77	116 50	134 68	145 80	115 42	133 63	122 41
1	OMBU180111	OMBU180111	ERH 130044	OMBU120092	7 0.7		97 79	111 77	113 78	91 76	117 48	121 66	115 77	93 37	116 60	99 42
2	OMBU240076	OMBU240076	HART190204	OMBU180111	7 1.6		107 68	117 70	95 54	90 52	110 39	120 54	117 65	114 38	120 51	118 40
1	OMBU130122	OMBU130122	HART070037	IH 060086	7 0.9		107 82	91 81	135 85	105 78	107 51	116 70	109 82	86 44	111 65	84 34
2	OMBU140110	OMBU140110	HART090332	ERH 110062	0.7		114 82	95 79	100 80	100 76	119 53	111 68	98 79	103 43	110 63	96 44
3	OMBU150056	OMBU150056	ERH 100063	WAGB100036	0.5		87 81	108 79	118 83	88 79	110 49	112 68	111 80	104 39	111 62	106 38
4	OMBU150083	OMBU150083	HART080069	OMBU120051	0.6		118 80	101 76	114 79	109 73	95 46	117 65	116 77	97 33	113 59	105 33
5	OMBU150097	OMBU150097	HART090332	EFC 100113	0.8		97 81	117 80	90 83	96 76	106 51	113 69	113 80	120 38	115 63	122 34
6	OMBU160002	OMBU160002	ERH 090054	IH 090017	0.4		78 81	116 79	139 81	79 76	95 47	115 67	126 79	98 35	112 61	109 42
7	OMBU160065	OMBU160065	HART090332	HART110106	1.1		82 81	116 78	120 79	77 76	108 52	114 68	118 78	109 44	113 63	109 42
8	OMBU160077	OMBU160077	HART090332	IH 110051	0.6		109 72	107 72	101 62	93 60	104 46	112 59	109 69	121 36	114 54	117 38
9	OMBU170005	OMBU170005	HART120080	OMBU130122	2.1		113 79	92 77	111 80	115 75	113 45	114 66	103 77	88 37	109 60	87 37
10	OMBU180024	OMBU180024	ERH 130044	OMBU140063	8 1.1		103 79	101 76	98 78	111 76	118 49	114 66	104 77	81 37	107 60	86 43
11	OMBU180052	OMBU180052	HART090332	JS 110121	8 0.8		103 79	112 77	107 77	84 77	101 52	112 67	114 77	121 37	115 61	118 38
12	OMBU180073	OMBU180073	ERH 130044	OMBU140124	6 1.6		81 77	123 76	102 76	82 76	117 48	118 65	119 76	100 36	115 59	104 44
13	OMBU180085	OMBU180085	ERH 130044	OMBU140048	7 1.2		103 78	103 76	93 78	105 77	116 47	110 65	102 77	90 34	106 59	93 42
14	OMBU180100	OMBU180100	HART090332	HART110106	6 1.1		120 79	98 77	101 77	91 77	111 52	111 67	100 77	98 44	108 62	96 42
15	OMBU180113	OMBU180113	ERH 130044	OMBU090041	6 0.0		107 77	99 75	112 78	91 75	118 39	115 63	103 76	95 33	111 57	102 38
16	OMBU180134	OMBU180134	ERH 130044	OMBU120061	6 0.2		104 78	103 76	107 77	90 76	119 48	115 65	104 76	82 36	108 59	95 39
17	OMBU190011	OMBU190011	HART090332	IH 100045	7 0.8		130 79	94 77	111 78	110 76	93 50	113 66	111 77	96 35	110 60	96 36
18	OMBU190040	OMBU190040	HART090332	IH 110073	0.6		117 78	102 77	102 77	88 77	107 52	111 67	104 77	113 38	112 61	108 38
19	OMBU190082	OMBU190082	BRD 140100	OMBU140049	0.6	1 0 0	96 76	117 73	99 71	77 73	107 44	110 62	114 73	115 33	112 56	112 22
20	OMBU190099	OMBU190099	BRD 140100	OMBU150029	0.7	1 0 0	90 75	120 73	99 71	83 74	103 44	111 62	116 73	107 28	110 55	108 20
21	OMBU190105	OMBU190105	HART090332	OMBU120051	0.5		113 77	110 74	96 74	96 75	96 50	111 64	113 74	111 34	111 58	111 34

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	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc															
Italics: DNA Test																															
★★★★★																															
22	OMBU200018	OMBU200018	HART090332	IH 110065	0.8		89	78	111	76	114	76	95	75	111	48	117	65	114	76	113	40	117	60	110	36					
23	OMBU200045	OMBU200045	HART090332	OMBU120082	8	0.6		111	76	98	75	110	74	104	75	106	49	112	64	105	75	103	38	110	59	101	38				
24	OMBU210039	OMBU210039	HART090332	OMBU180085	8	1.0		119	75	101	74	99	73	103	75	115	49	119	64	108	74	108	36	118	58	106	40				
25	OMBU210061	OMBU210061	HART090332	OMBU180126	8	0.7		100	74	112	72	96	70	94	74	114	48	115	62	110	72	111	36	115	57	112	38				
26	OMBU210097	OMBU210097	HART090332	OMBU180134	8	0.8		130	75	97	73	91	73	97	75	115	49	114	63	99	73	99	38	112	58	102	38				
27	OMBU210101	OMBU210101	AG 150126	OMBU140124	8	1.5		91	73	120	72	110	68	82	72	102	43	117	61	123	71	118	32	118	55	122	29				
28	OMBU210114	OMBU210114	AG 150126	OMBU190040	7	0.9	HH(c)	0	0	0	🚫	88	89	119	89	124	87	74	88	92	85	113	81	126	88	132	84	118	82	133	84
29	OMBU210145	OMBU210145	ERH 130044	OMBU150090	7	1.9		116	75	96	74	99	70	97	74	117	48	110	63	97	73	94	35	107	57	98	44				
30	OMBU220082	OMBU220082	ERH 130044	OMBU190011	8	1.7		120	72	99	72	101	65	106	71	99	45	110	60	107	70	92	34	107	55	95	42				
31	OMBU220112	OMBU220112	ERH 130044	OMBU180073	7	26.5		85	72	117	71	101	65	89	71	117	43	116	60	113	70	95	34	112	55	99	44				
32	OMBU230023	OMBU230023		OMBU140124	0.0		90	41	111	40	104	41	84	39	114	26	110	34	108	40	90	21	106	31	97	20					
33	OMBU230025	OMBU230025	ERH 130044	OMBU210061	7	13.6		98	61	106	69	95	57	98	58	116	43	110	55	103	64	96	34	107	51	101	44				
34	OMBU230147	OMBU230147	HART170114	OMBU200018	7	4.4		90	68	94	70	121	54	119	53	115	39	112	54	104	65	107	36	112	50	105	44				
35	OMBU230169	OMBU230169	HART170114	OMBU180073	8	1.0		96	68	103	70	111	54	100	53	117	39	115	54	107	65	102	34	113	50	105	46				
36	OMBU240029	OMBU240029	HART170114	OMBU200045	7	4.1		105	67	88	69	117	53	121	53	112	39	111	54	100	64	102	35	109	50	102	44				
37	OMBU240039	OMBU240039	OMBU200030	OMBU220052	7	0.9		115	66	115	67	105	47	85	47	92	34	116	51	121	61	104	30	115	47	110	26				
38	OMBU240064	OMBU240064	HART170114	OMBU210061	7	4.1		102	68	92	69	111	52	117	52	116	39	111	54	100	64	105	34	110	50	106	44				
39	OMBU240075	OMBU240075	OMBU200030	OMBU210168	6	4.2		99	66	111	68	112	48	94	48	103	35	116	51	117	62	101	30	114	47	109	28				
40	OMBU240097	OMBU240097	OMBU200030	OMBU220059	6	0.9		110	66	100	68	103	47	101	47	108	34	110	51	103	61	104	30	109	47	110	30				
41	OMBU240111	OMBU240111	HART190204	OMBU190059	7	1.6		93	68	126	69	104	53	80	52	95	37	116	53	128	64	119	36	117	50	120	38				
42	OMBU240141	OMBU240141	OMBU200030	OMBU210139	7	7.4		112	66	107	67	99	47	86	47	108	35	112	51	107	61	104	30	111	47	110	30				
43	OMBU240156	OMBU240156	OMBU200030	OMBU210147	6	0.9		94	66	123	67	112	47	79	47	91	33	115	50	128	61	116	28	116	46	124	22				
44	OMBU240170	OMBU240170	OMBU200030	OMBU210144	6	1.2		104	66	108	68	108	48	98	47	96	34	111	51	113	61	99	30	109	47	105	26				
45	OMBU240180	OMBU240180	ERH 130044	OMBU160065	6	2.7		92	71	112	71	107	60	87	59	113	44	113	58	110	67	97	36	110	54	101	44				
★★★★☆																															
1	OMBU120095	OMBU120095	VV 080161	WOH 050030	0.4		119	76	93	75	127	73	93	74	78	44	102	63	107	75	104	39	102	58	95	34					
2	OMBU130005	OMBU130005	VV 080161	POL 050011	0.5		120	75	89	75	132	73	104	76	85	46	107	64	107	75	104	38	106	59	101	35					
3	OMBU130127	OMBU130127	VV 080161	OMBU090002	7	0.6		105	82	96	79	134	81	87	75	86	50	103	68	107	79	109	42	104	63	98	40				

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												
																		% Inbreeding	Q204X	nt821	F94L	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc
																		Italics: DNA Test											
★★★★☆																													
4	OMBU140049	OMBU140049	ERH 090054	IH 020007	0.7			117	82	91	80	83	83	119	77	118	52	104	69	91	80	98	39	103	63	84	42		
5	OMBU140099	OMBU140099	HART090332	OMBU070061	0.0			111	82	98	79	112	84	104	79	99	48	109	68	107	80	120	37	112	62	114	34		
6	OMBU150090	OMBU150090	HART090332	HART080243	0.8			110	82	104	80	102	84	86	79	104	54	106	70	103	81	108	41	107	64	110	43		
7	OMBU150108	OMBU150108	ERH 100063	OMBU110044	0.2			110	81	88	77	100	80	98	76	119	48	101	67	85	78	90	34	97	60	90	32		
8	OMBU160014	OMBU160014	HART090332	IH 070083	0.7			108	80	100	78	90	80	96	77	113	52	103	68	93	79	102	38	102	62	98	36		
9	OMBU160055	OMBU160055	HART120080	OMBU130072	1.2			137	79	88	76	79	80	107	73	111	44	102	65	87	77	88	34	98	59	85	36		
10	OMBU160083	OMBU160083	HART120080	OMBU130127	1.2			107	69	92	68	113	55	100	51	97	38	100	54	97	64	97	33	98	50	93	39		
11	OMBU170009	OMBU170009	HART090332	CWS 050059	0.4			122	80	93	79	114	82	98	77	95	52	107	68	103	79	105	38	106	62	105	34		
12	OMBU170055	OMBU170055	HART120318	OMBU140099	6	0.4		106	79	98	76	117	77	99	75	89	47	102	65	106	76	118	37	105	59	110	41		
13	OMBU170079	OMBU170079	HART090332	IH 070083	6	0.7		127	81	92	78	83	81	96	78	123	53	107	68	88	79	98	36	105	62	93	36		
14	OMBU170083	OMBU170083	VV 080161	OMBU110015	0.3			120	70	87	70	124	60	110	58	87	39	104	56	105	67	95	34	102	52	92	34		
15	OMBU170126	OMBU170126	HART090332	CWS 050059	0.4			113	72	96	73	104	64	102	61	98	47	104	60	101	70	104	34	103	55	103	34		
16	OMBU180010	OMBU180010	VV 080161	WAGB100036	6	0.4		108	78	95	75	128	74	99	75	79	47	100	64	107	75	100	40	99	59	100	40		
17	OMBU180064	OMBU180064	GMS 080273	OMBU100104	8	0.0		89	76	108	73	120	76	79	75	97	40	104	62	109	74	110	30	105	56	110	8		
18	OMBU180122	OMBU180122	HART120318	OMBU140060	6	0.7		106	77	98	74	123	71	91	73	88	47	103	63	106	74	103	38	102	58	105	41		
19	OMBU180126	OMBU180126	ERH 130044	OMBU070021	6	0.0		89	77	105	74	114	76	91	75	114	41	109	63	105	75	93	31	106	57	100	38		
20	OMBU180129	OMBU180129	ERH 130044	OMBU100116	6	0.0		79	77	107	75	127	78	78	75	108	40	106	63	108	76	91	31	102	57	98	38		
21	OMBU180133	OMBU180133	ERH 130044	OMBU060022	7	0.0		100	78	91	75	112	78	99	76	110	41	100	64	92	76	81	34	94	58	89	38		
22	OMBU180135	OMBU180135	HART090332	HART080243	6	0.8		123	79	96	77	93	79	102	76	107	52	107	67	98	77	112	40	108	62	108	43		
23	OMBU190017	OMBU190017	HART090332	OMBU110005	6	0.7		106	79	103	77	96	78	99	76	101	51	103	67	103	77	96	38	101	61	93	38		
24	OMBU190047	OMBU190047	HART090332	OMBU110044	0.2			97	78	103	76	96	76	91	75	114	50	103	65	95	76	102	37	102	59	106	34		
25	OMBU190059	OMBU190059	AG 150078	OMBU100104	0.0			79	76	114	74	132	76	79	76	86	40	104	63	120	75	98	32	102	57	99	34		
26	OMBU190066	OMBU190066	BRD 140100	OMBU140063	0.4		0 0 0	78	75	121	72	95	70	95	72	88	43	100	61	114	72	105	28	100	54	108	20		
27	OMBU190088	OMBU190088	BRD 140100	OMBU150043	0.3		0 0 0	87	75	112	73	100	73	81	73	111	41	104	62	105	73	108	29	105	55	114	18		
28	OMBU190101	OMBU190101	AG 150126	OMBU120070	1.2			93	75	102	74	119	71	96	73	91	44	101	62	107	73	107	29	102	55	107	26		
29	OMBU190117	OMBU190117	AG 150126	OMBU130037	0.8			133	76	82	74	115	71	126	73	81	45	102	63	103	74	96	32	100	57	92	28		
30	OMBU200027	OMBU200027	HART090332	OMBU140067	8	0.8		117	77	102	75	110	76	89	75	92	49	108	65	109	75	109	40	108	60	111	37		
31	OMBU200057	OMBU200057	HART160088	OMBU120072	8	1.1	1 0 0	92	75	106	73	103	68	101	72	97	44	102	61	105	72	98	34	100	56	100	38		
32	OMBU200076	OMBU200076	HART090332	OMBU170139	8	0.7		83	75	108	74	91	73	101	75	112	50	100	64	96	74	110	38	101	59	101	38		
33	OMBU200077	OMBU200077	HART090332	OMBU160002	7	0.6		73	75	112	74	114	71	88	74	102	49	102	63	107	74	110	38	104	58	111	40		

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											
							Q204X	nt821	F94L																						
							<i>Italics: DNA Test</i>																								
											★★★★☆																				
34	OMBU200104	OMBU200104	HART160088	OMBU150056	8	1.3		0	0	0		88	75	115	73	94	68	93	73	106	45	106	62	109	72	106	32	106	56	108	38
35	OMBU210001	OMBU210001	AG 150078	IH 100065	6	1.7						114	75	98	74	108	70	115	74	78	47	101	63	109	73	80	42	96	59	87	42
36	OMBU210022	OMBU210022	HART090332	OMBU100125	7	0.0						90	75	105	71	120	71	82	74	102	43	105	61	107	72	110	37	106	56	116	34
37	OMBU210055	OMBU210055	AG 150126	IH 100068	8	1.8						102	73	112	72	120	67	86	72	81	41	109	60	121	71	108	39	109	56	116	32
38	OMBU210058	OMBU210058	AG 150126	OMBU120082	8	0.8						111	70	92	70	117	58	117	55	82	38	101	55	106	66	105	30	101	50	103	27
39	OMBU210060	OMBU210060	ERH 130044	OMBU140099	6	0.7						103	75	96	73	99	71	112	74	109	47	104	63	99	73	99	34	103	57	99	42
40	OMBU210091	OMBU210091	ERH 130044	OMBU170055	7	1.4						117	74	91	72	100	64	108	71	98	46	100	61	96	71	99	34	99	56	97	44
41	OMBU210096	OMBU210096	HART090332	OMBU180119	9	0.5						97	75	108	72	106	68	88	73	91	49	100	62	106	72	118	38	104	57	112	38
42	OMBU210115	OMBU210115	AG 150126	OMBU190059	7	2.4	HH(c)	0	0	0	🇬🇧	79	88	126	88	119	87	78	88	81	84	108	80	129	88	111	83	109	81	113	83
43	OMBU210124	OMBU210124	AG 150078	OMBU150043	8	1.3						79	73	118	71	115	64	70	71	97	43	103	60	118	70	102	34	102	55	105	37
44	OMBU210139	OMBU210139	ERH 130044	OMBU160061	7	1.0						88	75	115	72	96	66	71	72	107	47	101	61	108	71	103	34	101	56	105	45
45	OMBU210143	OMBU210143	ERH 130044	OMBU170079	7	1.7						101	75	103	73	101	70	83	74	122	47	109	63	99	73	94	34	106	57	95	43
46	OMBU210147	OMBU210147	AG 150126	OMBU180145	7	1.1						78	72	126	70	123	65	64	72	75	42	103	59	132	69	120	28	106	53	125	23
47	OMBU210151	OMBU210151	ERH 130044	OMBU150056	8	1.2						80	75	107	73	116	70	85	74	114	46	107	62	104	73	94	35	104	57	100	43
48	OMBU210156	OMBU210156	HART110073	OMBU140093	8	3.7	HH(c)	0	0	0	🇬🇧	85	88	114	88	105	87	77	88	106	84	104	80	108	88	107	84	104	81	98	83
49	OMBU210167	OMBU210167	ERH 130044	OMBU160072	6	2.2	HH(c)	0	0	0	🇬🇧	103	90	96	90	107	89	98	89	110	86	104	82	97	90	90	86	100	83	89	86
50	OMBU210168	OMBU210168	ERH 130044	OMBU160097	7	1.4						89	74	105	73	123	70	88	74	98	47	105	62	108	73	90	35	101	57	95	43
51	OMBU210169	OMBU210169	AG 150078	OMBU150018	6	1.4						89	74	112	73	111	69	87	73	95	44	105	62	112	72	97	36	103	57	96	38
52	OMBU220015	OMBU220015	HART200020	OMBU180111	9	2.2						100	72	113	72	89	61	84	67	100	40	102	58	106	69	102	34	101	53	100	40
53	OMBU220029	OMBU220029	HART140265	OMBU170143	9	1.1						71	73	114	71	115	63	82	71	104	45	103	60	109	70	112	36	105	55	113	46
54	OMBU220036	OMBU220036	HART140265	OMBU160014	7	1.3						98	72	102	72	111	65	89	71	108	45	106	60	100	70	102	38	105	56	103	46
55	OMBU220042	OMBU220042	HART140265	OMBU140099	8	0.6						91	74	102	72	124	66	90	72	98	45	105	61	106	71	113	36	106	56	111	46
56	OMBU220048	OMBU220048	HART140265	OMBU180035	8	1.8						99	74	106	73	95	69	98	73	97	45	100	62	103	72	106	36	101	57	104	46
57	OMBU220055	OMBU220055	HART140265	OMBU180064	8	0.2						95	73	103	71	117	64	85	71	108	43	107	60	103	70	106	34	107	55	107	42
58	OMBU220059	OMBU220059	HART140265	AG 120102	6	3.1						87	75	111	73	99	65	94	71	105	46	104	61	105	71	101	38	103	56	109	46
59	OMBU220064	OMBU220064	HART200020	OMBU180133	7	1.8						115	72	96	73	100	66	95	70	108	38	105	59	96	71	98	32	103	54	93	40
60	OMBU220071	OMBU220071	HART140265	OMBU180057	8	1.0						75	73	117	71	126	63	75	71	85	44	101	60	119	70	107	35	102	55	113	44
61	OMBU220075	OMBU220075	ERH 130044	OMBU170109	8	0.4						115	73	89	71	116	64	101	71	105	44	106	60	98	70	93	33	103	55	92	42
62	OMBU220080	OMBU220080	ERH 130044	OMBU190006	7	2.8						103	74	104	72	99	66	91	72	109	47	106	61	101	71	91	36	102	56	94	44
63	OMBU220083	OMBU220083	HART140265	OMBU170098	7	0.5						101	74	96	72	118	65	100	72	102	45	104	61	101	71	99	36	103	56	98	46

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										
Italics: DNA Test																											
★★★★☆																											
64	OMBU220088	OMBU220088	HART140265	OMBU170069	8	1.0		108	72	93	71	124	64	83	71	112	43	108	59	97	70	100	34	106	54	100	44
65	OMBU220090	OMBU220090	HART140265	OMBU150108		0.8		112	72	88	72	112	65	92	71	114	44	103	60	90	70	93	35	100	55	98	46
66	OMBU220091	OMBU220091	HART140265	OMBU180107	9	1.5		86	71	110	71	101	63	78	71	109	44	100	59	101	69	113	36	102	54	110	47
67	OMBU220099	OMBU220099	HART140265	OMBU100028	7	0.4		101	73	96	72	107	66	96	71	105	41	100	60	95	71	92	32	97	54	95	42
68	OMBU220132	OMBU220132	ERH 130044	OMBU200039	8	3.2		90	71	107	70	109	62	98	71	102	42	105	59	107	69	88	34	101	54	92	43
69	OMBU220136	OMBU220136	AG 150078	WAGB100036	7	0.8	HH(c) 0 0 0 🇬🇧	84	90	120	90	120	88	72	89	76	86	100	82	124	89	102	86	100	83	110	85
70	OMBU230003	OMBU230003	HART140265	OMBU150090	8	1.5		88	73	109	72	110	66	83	72	110	45	107	61	106	71	107	36	107	56	110	48
71	OMBU230021	OMBU230021	HART140265	OMBU110027	8	0.6		116	72	97	72	115	66	87	71	98	39	106	59	102	71	98	34	104	54	92	42
72	OMBU230028	OMBU230028	OMBU200029	OMBU210101	8	0.9		110	64	104	65	98	47	94	47	104	33	109	49	105	59	102	28	107	45	103	23
73	OMBU230031	OMBU230031	ERH 130044	OMBU210076	6	5.3		105	69	104	69	84	57	102	58	110	42	103	56	98	65	88	33	99	51	93	44
74	OMBU230047	OMBU230047	OMBU200043	OMBU190017	6	13.7		103	66	108	67	91	51	92	48	97	36	100	52	102	61	105	30	100	48	107	26
75	OMBU230056	OMBU230056	ERH 130044	OMBU200104	7	3.5		87	69	112	68	94	57	91	58	111	42	104	55	104	65	94	32	102	50	103	44
76	OMBU230057	OMBU230057	ERH 130044	OMBU210091	7	26.4		129	69	83	68	98	55	106	57	108	42	101	55	88	64	90	33	98	51	91	44
77	OMBU230068	OMBU230068	AG 150078	OMBU160002	7	1.7		77	70	122	71	118	60	83	58	75	42	101	57	123	67	97	35	99	53	105	40
78	OMBU230097	OMBU230097	HART170114	OMBU190059	7	0.8		85	68	105	69	126	54	91	53	101	37	108	54	109	64	103	34	107	50	105	43
79	OMBU230120	OMBU230120	HART140265	OMBU120061	7	0.2		98	72	102	71	113	60	84	58	105	39	104	57	101	68	97	34	102	52	107	42
80	OMBU230126	OMBU230126	AG 150078	OMBU150015	7	2.3		120	72	98	70	108	58	100	58	83	41	103	57	107	67	98	34	101	52	101	38
81	OMBU230131	OMBU230131	HART140265	OMBU110018	7	0.4		102	71	99	71	116	60	94	58	99	39	104	57	103	67	94	33	101	52	96	42
82	OMBU230155	OMBU230155	HART170114	OMBU190047	7	3.9		93	68	93	70	111	54	108	53	116	40	105	55	95	65	103	34	104	51	105	44
83	OMBU230160	OMBU230160	HART140265	OMBU120082	7	0.6		99	72	101	71	116	60	97	58	95	40	104	57	105	67	97	36	102	53	101	46
84	OMBU230163	OMBU230163	AG 130399	OMBU170173	7	1.3		111	70	86	70	102	59	134	58	95	42	100	57	97	66	72	30	92	52	74	28
85	OMBU230164	OMBU230164	AG 130399	OMBU150106	7	1.0		106	70	99	71	101	60	107	58	105	42	106	57	101	67	79	28	99	51	81	26
86	OMBU230171	OMBU230171	ERH 130044	OMBU210051	7	3.8		89	69	107	68	100	55	93	57	102	42	100	55	102	64	90	34	97	51	95	43
87	OMBU240001	OMBU240001	HART170114	OMBU190066	7	0.6		83	68	100	69	111	52	109	52	104	38	100	53	100	64	104	32	100	49	105	41
88	OMBU240003	OMBU240003	HART170114	OMBU190101	8	1.4		99	68	91	69	121	53	109	52	105	38	105	54	99	64	105	33	104	50	106	42
89	OMBU240008	OMBU240008	HART170114	OMBU200057	7	1.3		90	68	101	68	111	51	107	52	107	38	106	53	104	63	101	34	105	49	106	44
90	OMBU240056	OMBU240056	AG 130399	OMBU220075	6	1.5		117	69	82	69	112	55	122	57	104	42	104	55	94	65	80	29	98	50	80	29
91	OMBU240059	OMBU240059	OMBU200030	OMBU220031	6	0.9		118	66	99	68	102	48	103	47	97	34	108	51	106	61	93	30	105	47	99	26
92	OMBU240074	OMBU240074	NFS 180147	OMBU130110	8	0.7		115	70	105	71	95	58	82	55	101	37	105	55	103	66	112	48	106	54	117	46
93	OMBU240078	OMBU240078	HART190204	OMBU190088	7	0.7		105	68	112	69	90	52	88	51	109	37	109	53	107	63	120	36	112	50	122	36

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	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc
					Q204X nt821 F94L										
					Genomic test										
					Italics: DNA Test										
94	OMBU240082	OMBU240082	NFS 180147	OMBU190105	7 3.8	120 69	105 60	87 54	92 54	101 40	106 52	102 59	122 48	109 51	124 47
95	OMBU240086	OMBU240086	HART130240	OMBU170134	6 4.3	121 69	94 70	93 57	107 57	101 43	103 56	97 66	111 34	104 52	103 44
96	OMBU240087	OMBU240087	NFS 180147	OMBU200028	7 4.4	105 69	109 70	84 55	93 55	101 39	101 55	101 65	120 48	105 54	119 48
97	OMBU240090	OMBU240090	OMBU210066	OMBU200077	7 7.4	78 65	117 65	88 46	90 46	107 34	100 49	103 59	104 26	100 44	103 28
98	OMBU240108	OMBU240108	HART200020	OMBU190099	7 1.0	102 68	115 70	88 51	87 49	99 34	105 53	109 63	111 30	106 48	105 36
99	OMBU240114	OMBU240114	HART170114	OMBU210060	7 2.5	104 68	87 69	111 52	122 52	113 39	107 54	96 64	99 34	105 50	101 45
100	OMBU240120	OMBU240120	HART130240	OMBU170055	7 8.7	114 70	102 70	101 58	98 57	88 42	101 56	105 66	113 34	104 52	107 44
101	OMBU240129	OMBU240129	HART170114	OMBU210084	7 0.9	128 68	79 69	108 52	120 52	109 39	106 54	92 64	92 34	103 50	93 45
102	OMBU240131	OMBU240131	HART170114	OMBU210092	6 3.6	99 68	102 68	100 50	101 51	106 39	103 53	100 63	109 34	104 49	107 44
103	OMBU240136	OMBU240136	HART130240	OMBU180024	7 1.7	115 70	97 70	95 58	112 57	103 42	106 56	102 66	93 35	103 52	90 45
104	OMBU240142	OMBU240142	HART170114	OMBU200104	7 1.1	91 68	98 69	109 51	113 52	112 39	108 54	102 63	103 34	107 50	104 44
105	OMBU240153	OMBU240153	HART200020	OMBU170005	7 2.6	120 69	94 71	95 55	109 49	105 35	106 54	98 65	101 32	105 50	92 39
106	OMBU240162	OMBU240162	CEF 160394	OMBU170009	6 0.6	119 71	95 72	88 61	103 58	107 44	102 58	93 68	104 41	102 55	100 49
107	OMBU240165	OMBU240165	CEF 160394	OMBU130122	7 1.1	110 72	92 72	100 62	110 59	113 44	106 58	96 68	95 42	103 55	89 49
108	OMBU240168	OMBU240168	AG 130399	OMBU220082	7 2.3	113 69	94 69	104 56	121 57	100 42	108 55	104 65	80 28	102 50	83 30
109	OMBU240174	OMBU240174	HART170114	OMBU210096	7 4.1	105 68	96 69	112 51	102 52	104 39	107 54	101 63	110 34	107 50	108 44
1	ERH 110062	ERH110062	HART070027	ERH 070073	0.8	101 85	85 82	84 86	105 79	140 56	98 72	72 83	90 49	95 67	82 54
2	HART110106	HART110106	VBB 070066	BHE 010033	4.4	85 84	97 81	100 86	90 79	112 54	91 71	85 82	77 56	86 68	79 50
3	IH 120003	IH120003	WAGB040107	IH 090012	1.0	103 72	98 71	104 63	100 59	81 46	90 59	98 68	96 38	89 55	99 49
4	OMBU110018	OMBU110018	GMS 050255	OMBU050001	0.0	114 82	86 78	108 84	113 77	93 39	95 66	93 80	80 26	90 58	79 8
5	OMBU110032	OMBU110032	GMS 040242	OMBU070014	0.0	99 84	91 81	107 87	95 79	108 45	94 69	86 82	96 30	93 61	91 14
6	OMBU120031	OMBU120031	HART070027	GRT 980067	1.5	83 85	92 82	100 86	102 79	130 57	98 72	84 83	99 48	97 67	94 50
7	OMBU120082	OMBU120082	VV 080161	WOH 050008	0.5	117 82	86 80	111 83	126 77	85 45	99 68	100 80	88 35	96 61	85 34
8	OMBU120112	OMBU120112	VV 080161	OMBU030006	0.0	122 74	80 71	113 73	122 75	89 40	97 61	94 72	86 32	93 55	78 34
9	OMBU130063	OMBU130063	ERH 090054	OMBU090050	7 0.0	99 69	94 66	98 60	101 69	102 37	92 56	90 66	96 26	91 50	88 30
10	OMBU130079	OMBU130079	GMS 040242	OMBU110018	6 1.9	116 74	90 73	105 70	118 73	84 43	97 62	100 72	79 26	92 55	81 14
11	OMBU130110	OMBU130110	ERH 090054	OMBU080011	7 0.0	118 80	86 78	118 84	87 77	98 41	97 66	91 79	88 33	94 59	84 30

Selection List on Cow Value

Cows 2 years and older

ID Sorted on ID	Name	Sire ID	Dam ID	Visual Score % Inbreeding	Horned / Polled	Myostatin			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												
						Q204X	nt821	F94L																							
						<i>Italics: DNA Test</i>																									
									★★★★																						
12	OMBU130121	OMBU130121	ERH 090054	OMBU070014	6	0.0				95	82	85	79	107	85	107	79	114	44	93	68	82	80	100	33	93	61	87	30		
13	OMBU130125	OMBU130125	ERH 090054	WOH 050039	7	0.4				80	82	107	81	105	85	79	76	99	44	91	68	97	81	109	33	94	61	103	30		
14	OMBU140091	OMBU140091	GMS 080273	OMBU070014		0.0				116	79	88	76	105	80	96	76	101	41	95	65	88	77	108	32	97	58	101	8		
15	OMBU160061	OMBU160061	HART090332	IH 080076		0.7				107	81	102	79	98	82	85	78	101	53	99	69	97	80	117	37	103	63	108	46		
16	OMBU160086	OMBU160086	HART120080	OMBU130102		1.8				114	68	84	68	92	56	126	52	101	38	94	54	88	64	88	32	91	50	78	39		
17	OMBU160098	OMBU160098	VV 080161	OMBU050023		0.0				122	69	78	68	118	60	125	57	82	38	94	55	95	65	89	32	92	50	82	34		
18	OMBU170002	OMBU170002	VV 080161	OMBU110012		0.3				102	70	96	69	125	58	97	58	84	40	99	56	105	66	94	32	97	51	97	34		
19	OMBU170034	OMBU170034	HART090332	IH 120026	6	0.6				129	80	89	77	69	78	115	75	99	51	91	67	84	77	110	37	93	61	98	38		
20	OMBU170042	OMBU170042	OMBU120020	OMBU140049		1.6				136	67	78	54	93	51	122	48	98	35	97	47	87	55	97	28	96	43	86	30		
21	OMBU170053	OMBU170053	HART090332	ERH 110074		0.7				111	72	100	72	81	61	101	60	102	48	96	59	93	68	106	39	97	55	106	42		
22	OMBU170064	OMBU170064	VV 080161	OMBU110032	6	0.3				117	80	85	79	95	82	109	77	103	48	94	67	84	79	95	39	92	61	87	34		
23	OMBU170074	OMBU170074	ERH 090054	OMBU120112	6	0.3				102	78	94	74	90	75	109	75	103	46	92	64	89	75	95	31	91	57	82	34		
24	OMBU170090	OMBU170090	VV 080161	OMBU110006		0.7				100	71	95	71	116	60	107	58	79	43	93	57	103	67	83	36	89	53	84	38		
25	OMBU170091	OMBU170091	ERH 090054	OMBU120018		0.3				86	71	97	71	104	60	103	57	100	39	91	56	93	67	98	32	91	51	87	34		
26	OMBU170136	OMBU170136	GMS 080273	OMBU130121	6	0.4				109	79	89	77	103	80	102	75	104	46	95	66	88	77	105	33	96	59	101	17		
27	OMBU170504	OMBU170504	ERH 090054	IH 100068		1.6				88	72	110	62	102	59	85	57	96	42	97	54	102	62	96	38	95	51	95	38		
28	OMBU180035	OMBU180035	HART090332	JS 130204	6	2.5				114	79	107	77	68	80	112	78	90	51	97	67	102	78	109	38	98	61	103	36		
29	OMBU190006	OMBU190006	HART090332	OMBU110003	7	0.8				105	78	100	77	98	79	89	78	100	52	97	67	95	78	99	37	96	61	95	38		
30	OMBU190057	OMBU190057	HART090332	OMBU120104		0.2				91	77	98	76	113	76	90	75	94	49	92	65	94	76	104	34	93	59	104	34		
31	OMBU190077	OMBU190077	BRD 140100	OMBU140050		0.5		1	0	0		98	70	114	70	92	62	87	69	80	41	94	58	108	68	106	29	96	52	115	24
32	OMBU200023	OMBU200023	HART110073	IH 100065		1.4		0	0	0		126	77	80	72	81	70	129	73	102	48	92	63	82	73	78	40	87	58	81	42
33	OMBU200028	OMBU200028	HART090332	OMBU120091	9	0.6				111	77	105	75	87	76	92	75	96	48	99	65	99	75	108	36	100	59	100	37		
34	OMBU200065	OMBU200065	HART160088	IH 090012	8	2.0		0	0	0		81	76	111	74	98	68	92	72	88	47	90	63	101	73	103	37	91	58	104	40
35	OMBU200086	OMBU200086	HART160088	OMBU160061	8	1.2		0	0	0		96	75	117	73	78	68	84	72	97	46	97	62	104	72	112	32	99	56	108	41
36	OMBU200107	OMBU200107	BRD 140100	HART080243	6	0.7		1	0	0		79	75	114	72	112	64	74	70	86	45	93	61	109	71	110	34	95	56	114	28
37	OMBU200116	OMBU200116	AG 150078	OMBU120031	7	3.8				97	76	98	74	100	70	108	74	97	48	96	63	98	74	91	40	94	58	89	42		
38	OMBU200119	OMBU200119	HART110073	OMBU180024	6	5.2				114	75	89	73	82	69	120	73	111	47	97	62	88	73	77	35	92	57	80	40		
39	OMBU200120	OMBU200120	AG 150078	OMBU130125	7	1.9				87	74	110	74	105	70	87	73	80	45	91	62	104	73	101	34	91	56	98	37		
40	OMBU200130	OMBU200130	BRD 140100	HART110106	7	0.7		1	0	0		69	75	123	73	100	68	77	72	97	44	98	61	111	72	96	41	96	57	103	26
41	OMBU200132	OMBU200132	HART160088	OMBU170079	8	1.6		1	0	0		108	73	105	72	65	68	101	73	115	45	99	61	90	71	100	31	98	55	99	38

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		Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc														
				Italics: DNA Test				★★★★																							
42	OMBU210003	OMBU210003	HART160088	OMBU090002	6	2.1	0	0	0	77	74	115	73	97	68	86	72	92	45	93	61	104	72	103	32	94	55	99	40		
43	OMBU210034	OMBU210034	HART110073	OMBU180035	8	4.1				116	75	100	73	63	69	113	73	96	48	90	62	91	73	95	36	89	57	91	38		
44	OMBU210036	OMBU210036	ERH 130044	OMBU170074	8	2.6				97	74	100	71	84	64	112	71	112	45	99	60	94	70	87	34	96	55	86	42		
45	OMBU210064	OMBU210064	HART160088	OMBU120070	7	1.4				77	75	120	73	90	72	84	73	103	45	99	62	107	73	99	30	98	56	104	36		
46	OMBU210071	OMBU210071	AG 150126	OMBU110018	7	0.6				105	75	96	72	113	68	103	72	87	41	98	61	103	72	106	30	98	55	104	21		
47	OMBU210076	OMBU210076	HART160088	OMBU130102	8	2.4				105	75	104	73	78	68	108	72	104	45	99	62	99	72	98	32	98	56	91	39		
48	OMBU210084	OMBU210084	ERH 130044	OMBU170098	8	0.5				123	75	85	73	97	70	108	74	100	47	95	63	87	73	85	34	91	57	86	42		
49	OMBU210092	OMBU210092	HART110073	OMBU180052	9	2.6	HH(c)	0	0	0	🧬	99	90	110	89	82	88	89	89	94	87	93	82	99	89	113	86	96	83	110	86
50	OMBU210099	OMBU210099	HART160088	OMBU120018	9	0.5				95	73	100	72	92	68	104	72	96	42	92	60	95	71	95	33	91	55	94	38		
51	OMBU210103	OMBU210103	ERH 130044	OMBU170063	7	1.3				117	73	93	72	83	68	113	73	91	47	90	61	90	71	87	34	88	56	91	42		
52	OMBU210112	OMBU210112	AG 150126	OMBU190005	7	1.0				81	72	118	71	123	66	73	72	69	42	95	60	122	70	118	32	99	54	117	22		
53	OMBU210144	OMBU210144	AG 150078	OMBU140048	6	1.5				95	74	103	73	113	69	99	73	85	45	97	62	106	72	90	34	94	56	93	38		
54	OMBU220013	OMBU220013	AG 150078	OMBU130121	8	1.6				81	74	108	73	104	70	95	74	86	44	90	62	102	73	97	34	90	56	92	36		
55	OMBU220026	OMBU220026	AG 150078	IH 110065	8	0.9	HH(c)	0	0	0	🧬	110	89	98	89	89	88	113	88	95	86	98	81	97	89	92	85	96	82	85	85
56	OMBU220031	OMBU220031	AG 150078	OMBU130110	7	1.6	HH(c)	0	0	0	🧬	102	89	102	89	101	88	92	89	84	85	91	81	100	89	79	85	87	82	84	84
57	OMBU220043	OMBU220043	HART140265	OMBU170078	8	1.6				79	73	115	71	111	64	77	71	87	45	95	60	111	70	101	38	95	56	103	46		
58	OMBU220049	OMBU220049	HART140265	OMBU170170	8	0.3				85	74	97	71	130	64	87	71	89	43	92	60	98	70	100	34	92	55	101	46		
59	OMBU220052	OMBU220052	AG 150078	OMBU110018	7	0.6				100	75	104	72	116	66	82	71	79	43	94	61	106	71	88	33	91	55	87	34		
60	OMBU220053	OMBU220053	HART170114	OMBU140091	9	0.2				98	73	86	71	111	62	108	69	116	41	99	59	86	69	104	34	100	54	99	40		
61	OMBU220095	OMBU220095	AG 150078	OMBU150015	9	2.3	HH(c)	0	0	0	🧬	95	89	122	89	96	88	78	89	77	86	99	81	119	89	107	86	100	82	113	86
62	OMBU220100	OMBU220100	HART140265	OMBU160062	7	1.1	HH(c)	0	0	0	🧬	78	90	115	90	101	88	74	89	108	86	99	82	106	89	114	86	102	83	120	86
63	OMBU220104	OMBU220104	ERH 130044	OMBU120031	7	2.3				85	74	97	73	93	67	95	72	126	47	96	62	85	72	90	38	93	57	91	46		
64	OMBU220122	OMBU220122	ERH 130044	OMBU200061	7	4.9				83	71	106	70	99	62	86	71	108	42	95	59	95	69	86	34	92	54	89	43		
65	OMBU220138	OMBU220138	AG 150078	OMBU170089	7	2.4				95	69	103	70	128	58	94	58	66	41	94	56	111	66	96	36	93	52	99	40		
66	OMBU230004	OMBU230004	AG 150078	OMBU180100	7	3.7				109	72	107	72	91	64	93	71	87	45	98	60	104	70	93	38	95	56	93	40		
67	OMBU230006	OMBU230006	AG 150078	OMBU140093	8	3.4				92	72	109	72	111	65	89	72	77	45	94	60	107	71	102	37	94	55	95	38		
68	OMBU230038	OMBU230038	ERH 130044	OMBU210018	7	3.3				91	69	101	69	100	56	99	58	100	42	95	56	96	65	91	34	93	52	92	43		
69	OMBU230041	OMBU230041	ERH 130044	OMBU200076	7	2.4				83	69	104	70	95	58	99	59	114	43	99	56	95	66	96	34	98	52	97	44		
70	OMBU230043	OMBU230043	OMBU200046	OMBU210079	7	2.5				106	64	103	65	102	45	99	45	83	32	97	49	105	59	95	28	95	45	107	25		
71	OMBU230050	OMBU230050	OMBU200067	OMBU130037	8	0.8				116	67	95	67	97	50	110	48	85	34	96	51	100	61	94	29	94	47	91	26		

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										
Sorted on ID													Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc										
					Italics: DNA Test								★★★★																			
72	OMBU230058	OMBU230058	OMBU200029	OMBU210003	7	1.2							107	65	105	64	87	47	93	47	99	34	98	49	98	59	94	28	96	45	95	27
73	OMBU230073	OMBU230073	OMBU200046	OMBU170005	8	2.3							110	67	92	67	103	51	107	47	99	32	99	51	96	61	84	30	95	47	89	28
74	OMBU230077	OMBU230077	AG 150078	OMBU170134	8	1.4							107	70	106	70	95	58	96	58	85	42	96	56	104	66	104	35	97	52	104	38
75	OMBU230078	OMBU230078	OMBU200043	OMBU190057	7	13.6							103	66	96	67	101	50	94	48	95	35	91	51	90	61	106	29	93	47	108	24
76	OMBU230107	OMBU230107	OMBU200046	OMBU180052	7	1.6							98	66	106	67	102	49	94	48	93	35	99	51	104	61	101	30	99	47	105	28
77	OMBU230116	OMBU230116	AG 150078	OMBU180010	7	0.8							92	70	112	70	111	58	92	58	67	42	93	56	113	66	99	36	93	52	102	39
78	OMBU230134	OMBU230134	HART140265	ERH 110077	7	1.3							89	72	102	72	94	61	90	58	115	43	97	58	91	68	97	39	96	54	97	50
79	OMBU230141	OMBU230141	OMBU200046	OMBU170034	7	0.8							121	67	94	67	80	50	103	47	92	35	90	51	89	61	94	30	89	47	96	28
80	OMBU230145	OMBU230145	HART140265	OMBU120050	6	1.1							87	71	96	71	129	60	94	58	94	42	97	57	100	67	102	37	97	53	100	46
81	OMBU230162	OMBU230162	HART140265	OMBU120077	7	0.2							75	70	109	71	116	60	78	57	101	39	96	56	103	67	116	34	100	52	118	42
82	OMBU240002	OMBU240002	HART170114	OMBU200015	7	0.9							86	68	90	69	115	54	120	52	108	37	99	54	95	64	105	34	100	50	102	42
83	OMBU240024	OMBU240024	OMBU200046	OMBU160061	6	0.9							97	67	107	68	96	51	90	48	92	35	96	52	101	62	101	30	95	48	102	32
84	OMBU240054	OMBU240054	AG 130399	OMBU210142	7	2.6							83	69	93	70	111	57	124	58	90	42	90	56	96	66	81	30	86	51	79	28
85	OMBU240057	OMBU240057	AG 130399	OMBU210087	8	1.4							82	69	106	69	102	55	100	57	96	41	94	55	100	65	83	28	90	50	88	28
86	OMBU240062	OMBU240062		OMBU200092	7	0.0							100	58	92	58	100	36	104	37	98	24	90	42	89	51					74	18
87	OMBU240065	OMBU240065	OMBU210066	OMBU200078	7	2.4							86	65	114	65	88	46	91	46	91	33	92	49	103	59	95	26	91	44	94	28
88	OMBU240069	OMBU240069	HART200020	OMBU160055	6	2.5							128	69	95	71	77	54	102	49	103	35	99	54	91	65	99	32	98	50	93	39
89	OMBU240091	OMBU240091	CEF 160394	ERH 110062	6	2.0							103	73	92	64	75	62	107	59	131	45	97	56	79	64	96	44	96	54	87	54
90	OMBU240093	OMBU240093	OMBU210066	OMBU200116	6	3.9							102	65	104	65	81	46	103	46	105	33	98	49	96	59	95	27	96	45	89	29
91	OMBU240128	OMBU240128	CEF 160394	OMBU170136	7	0.7							101	70	100	71	83	60	102	58	111	43	97	57	90	67	106	41	98	54	100	47
92	OMBU240137	OMBU240137	HART130240	OMBU170170	6	0.4							94	69	101	70	109	58	97	57	85	40	92	56	100	66	103	34	93	52	99	43
93	OMBU240148	OMBU240148	HART170114	OMBU210064	6	1.4							76	68	101	69	107	53	102	52	110	38	97	54	95	64	98	33	96	50	102	44
94	OMBU240172	OMBU240172	HART200020	OMBU130125	6	1.1							105	70	109	72	88	56	85	50	97	34	98	54	101	66	113	32	100	50	105	38
95	OMBU240178	OMBU240178	NFS 180147	OMBU120074	8	0.6							111	70	103	70	92	57	89	55	95	37	97	55	97	66	116	47	100	53	121	44
													★★★★☆																			
1	ERH 110077	ERH110077	HART070027	ERH 050068		0.6							96	84	92	82	64	86	103	77	125	56	83	71	69	82	88	48	82	66	81	54
2	HBD 090079	HBD 090079	HBD 000172	HBD 030030		6.9							105	71	77	71	102	65	121	71	91	44	80	60	78	70					72	7
3	OMBU120005	OMBU120005	GMS 040242	WOH 050034		0.7							133	76	78	75	84	74	134	74	74	43	82	63	86	75	78	24	78	55	76	14

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	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc
Italics: DNA Test																
★★★★																
4	OMBU120034	OMBU120034	HART080026	ERH 060050	0.9		10375	9173	9570	11871	7846	8262	9272	8133	7956	8037
5	OMBU120074	OMBU120074	GMS 080273	OMBU080011	0.0		11581	8876	10780	9975	8541	8865	9077	9528	8858	988
6	OMBU120077	OMBU120077	GMS 080273	OMBU070011	0.0		7480	10876	10481	7274	9639	8464	9477	12330	9057	1248
7	OMBU120091	OMBU120091	HART080026	WOH 050041	0.7		11179	9876	7377	10274	8641	8264	8876	8532	8058	7932
8	OMBU130011	OMBU130011	HART080128	JS 080044	0.8		7374	11072	9669	9473	8243	8161	9772	10634	8456	10237
9	OMBU130068	OMBU130068	HART080082	ERH 110081	80.8		9075	8775	11272	12274	7651	8064	9074	6842	7460	7554
10	OMBU160062	OMBU160062	HART090332	JJ 050085	0.6		8281	10779	8582	8077	10352	8468	8980	10840	8762	10634
11	OMBU160063	OMBU160063	VV 080161	OMBU060022	0.0		11070	8269	12261	10858	8338	8956	9266	8832	8751	8834
12	OMBU160072	OMBU160072	HART120080	OMBU120062	1.3		10179	8877	9780	10474	9745	8466	8277	9336	8460	8838
13	OMBU170015	OMBU170015	ERH 100063	IH 060066	1.6		9280	9379	9281	9775	11249	8967	8279	9337	8861	8635
14	OMBU170093	OMBU170093	HART090332	HART110082	1.8		10272	9671	8161	10560	10045	8758	8668	10537	8954	10440
15	OMBU170094	OMBU170094	HART090332	HART080112	0.6		10072	10372	7362	10060	9147	8359	8869	10938	8655	10242
16	OMBU170170	OMBU170170	VV 080161	OMBU100116	60.0		9677	8475	13077	9875	8441	8464	8876	9332	8458	9034
17	OMBU180043	OMBU180043	HART090332	IH 110049	0.4		13572	8762	7560	10860	8746	8655	8463	9936	8751	10041
18	OMBU180057	OMBU180057	GMS 080273	OMBU120006	70.6		8178	11575	11874	7475	6748	8765	11575	10534	8959	11319
19	OMBU190098	OMBU190098	AG 150078	OMBU150056	1.7		9376	10375	9873	9674	8246	8764	9774	9436	8658	9538
20	OMBU190110	OMBU190110	AG 150078	OMBU150107	2.2		11275	9774	9472	11774	6946	8763	10174	9738	8758	9138
21	OMBU200015	OMBU200015	AG 150126	OMBU130121	1.6		8776	9474	10475	10974	9840	8962	9074	10732	9156	9926
22	OMBU200078	OMBU200078	AG 150078	OMBU120006	72.4		8376	10874	11270	8774	6947	8463	10574	9438	8358	9338
23	OMBU200085	OMBU200085	AG 150078	OMBU120068	71.0		10275	10673	8469	9873	7646	8562	9973	8734	8356	8936
24	OMBU200092	OMBU200092	AG 150078	OMBU110026	72.2		10175	9273	10070	10673	7744	8162	9273	7937	7857	7738
25	OMBU200093	OMBU200093	AG 150078	WAGB100036	70.8		8176	11475	9770	8574	7047	8163	10274	9340	8058	10040
26	OMBU210040	OMBU210040	HART160088	OMBU130069	91.8		8975	10972	7067	10372	9645	8661	9271	8234	8356	8436
27	OMBU210046	OMBU210046	HART160088	OMBU120008	80.5		8875	10271	10764	9270	8843	8960	9770	10334	9055	10038
28	OMBU210087	OMBU210087	HART160088	OMBU120016	90.5		8775	10671	9663	8770	9143	8760	9470	9634	8755	9738
29	OMBU210093	OMBU210093	HART110073	OMBU190006	83.0		10475	9474	7672	9874	10948	8663	7974	8836	8458	8839
30	OMBU210102	OMBU210102	ERH 130044	OMBU170078	63.7		9574	10272	8469	10173	9046	8562	9272	8534	8256	8944
31	OMBU210142	OMBU210142	AG 150078	OMBU120050	71.8		8075	9974	11070	10173	7846	8163	9473	9536	8158	8839
32	OMBU210154	OMBU210154	AG 150078	OMBU120068	71.0		8374	11573	10569	8773	6345	8462	10872	9136	8357	9536
33	OMBU220012	OMBU220012	AG 150078	OMBU110032	80.3	HH(c)	9890	10089	10488	9089	8286	8781	9589	9485	8682	9385

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										
Sorted on ID												Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc										
												★★★★																			
34	OMBU220108	OMBU220108	AG 150078	OMBU170064	8	0.6						103	72	94	72	96	66	99	71	82	42	82	60	88	71	91	36	81	55	87	38
35	OMBU230111	OMBU230111	AG 150078	OMBU170143	7	1.6						80	69	110	70	108	58	91	58	75	42	87	56	104	66	103	36	88	52	104	38
36	OMBU230130	OMBU230130	OMBU200043	OMBU190098	6	1.7						96	66	104	66	94	49	93	48	88	34	89	51	95	60	102	30	90	47	106	26
37	OMBU230132	OMBU230132	OMBU200046	OMBU150093	7	1.5						96	67	102	68	83	52	91	47	94	32	83	51	87	62	87	27	81	46	88	26
38	OMBU230139	OMBU230139	AG 150078	OMBU170055	8	2.6						90	70	105	70	109	59	95	58	73	41	87	56	103	66	104	36	89	52	101	40
39	OMBU240132	OMBU240132	HART140265	OMBU190048	6	2.6						72	69	107	70	109	56	91	57	90	42	89	56	99	66	94	36	88	52	95	47
												★★★★																			
1	OMBU100028	OMBU100028	GMS 050255	OMBU050327		0.0						113	83	82	77	80	84	104	74	96	36	74	65	69	79	79	22	72	56	78	8
2	OMBU130200	OMBU130200		HART090198		0.0						95	61	91	39	105	40	100	38	69	27	72	37	87	42	82	23	71	34	90	28
3	OMBU140702	OMBU140702	HART070145	OMBU090021		0.0						91	66	82	52	112	52	97	51	89	33	74	47	76	54	77	27	71	43	83	32
4	OMBU150093	OMBU150093	ERH 090054	WOH 050041		0.8						92	81	103	80	72	82	85	75	103	44	79	67	80	80	94	30	80	60	82	30
5	OMBU210024	OMBU210024	AG 150078	OMBU110037	6	2.2						84	74	100	73	96	69	104	73	69	43	73	61	91	72	78	37	70	56	81	38
6	OMBU220056	OMBU220056	AG 150078	OMBU120062	7	2.7						86	74	92	72	100	66	112	71	80	45	76	61	85	71	87	36	75	56	82	38
												★★★★																			
1	HART200055	HART200055	HART110058	HART130315	1.5	HH(c)	0	0	0	0	🏆	76	91	99	91	91	90	94	90	73	88	64	83	82	91	111	88	70	84	92	89
												★★★★																			
1	HART080112	HART080112	AG 020027	NGO 040022		0.4						84	81	91	77	57	81	111	74	82	52	52	67	62	78	91	42	55	62	81	48

Selection List on Cow Value

Bull calves younger than 2 years

ID Sorted on ID	Name	Sire ID	Dam ID	Visual Score % Inbreeding	Horned / Polled	Myostatin 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
1	OMBU250051	OMBU250051	OMBU200030	OMBU220088	0.8		121 66	102 68	111 46	90 47	110 33	120 51	110 61	106 30	118 47	113 29
1	OMBU250024	OMBU250024	HART140265	OMBU200027	6 1.3		88 69	115 70	117 58	80 58	97 41	110 56	118 66	113 43	111 53	117 46
2	OMBU250027	OMBU250027	HART170114	OMBU210055	7 1.1		106 67	101 69	118 51	97 52	99 37	111 53	110 63	107 36	111 50	113 42
3	OMBU250035	OMBU250035	OMBU200030	OMBU220132	1.7		97 65	115 67	105 46	96 46	105 33	118 50	119 60	101 30	115 46	110 28
4	OMBU250036	OMBU250036	OMBU200030	OMBU220099	0.7		102 65	108 67	105 47	97 46	107 32	114 50	112 60	102 30	112 46	110 28
5	OMBU250037	OMBU250037	OMBU200030	OMBU220091	7.2		94 65	110 67	104 46	91 46	110 34	112 50	109 60	111 30	112 46	115 30
6	OMBU250046	OMBU250046	OMBU200030	OMBU220122	2.9		104 65	107 67	100 46	92 46	109 33	112 50	107 60	97 30	109 46	103 28
7	OMBU250048	OMBU250048	OMBU200030	OMBU220136	0.9		102 66	113 68	112 47	87 47	92 33	112 51	117 61	106 32	111 47	116 28
8	OMBU250050	OMBU250050	OMBU200030	OMBU230003	7.2		108 66	103 68	108 47	95 47	110 34	114 51	107 61	107 30	113 47	114 30
9	OMBU250052	OMBU250052	OMBU200030	OMBU220090	0.8		117 66	98 68	108 47	97 47	112 33	115 51	104 61	101 30	112 47	109 30
10	OMBU250053	OMBU250053	OMBU200030	OMBU230004	7.5		130 66	97 68	97 46	104 47	99 34	110 51	104 61	99 31	108 47	103 28
11	OMBU250059	OMBU250059	ERH 130044	OMBU160002	2.6		82 71	117 71	115 61	82 59	106 42	113 57	118 68	93 34	109 52	106 44
12	OMBU250061	OMBU250061	HART190204	OMBU180111	1.6		113 68	110 70	96 54	92 52	112 39	119 54	112 65	111 38	119 51	113 40
13	OMBU250065	OMBU250065	OMBU200030	OMBU210124	0.9		93 66	119 68	108 46	82 47	103 33	115 51	121 61	107 30	115 47	115 26
14	OMBU250092	OMBU250092	NFS 180147	OMBU210097	4.1		137 69	98 69	84 54	94 54	111 39	112 54	98 64	115 48	113 53	120 48
15	OMBU260003	OMBU260003	HART110186	OMBU190082	0.7		83 69	127 69	108 57	76 57	103 42	118 56	128 65	123 38	120 52	125 45
16	OMBU260014	OMBU260014	OMBU200030	OMBU210139	7.4		101 66	113 58	100 46	86 47	108 35	113 48	112 56	106 30	112 44	111 30
17	OMBU260021	OMBU260021	HART170114	OMBU150083	0.7		99 69	94 70	120 55	121 52	108 38	114 54	108 65	98 34	111 50	104 44
18	OMBU260024	OMBU260024	HART140265	OMBU190059	1.4		77 69	117 70	127 58	78 58	95 38	110 55	121 66	103 34	108 51	108 46
19	OMBU260025	OMBU260025	ERH 130044	OMBU180113	25.7		109 70	96 70	103 60	97 59	119 40	110 56	98 67	88 32	105 51	96 44
20	OMBU260029	OMBU260029	OMBU200030	OMBU220095	1.2		102 66	117 67	101 46	90 46	93 33	112 50	118 60	108 30	111 46	115 26
21	OMBU260035	OMBU260035	HART170114	OMBU200018	4.4		91 68	99 70	118 54	108 53	115 39	113 54	105 65	108 36	112 50	109 44
22	OMBU260038	OMBU260038	OMBU200030	OMBU210112	0.7		102 66	114 68	112 47	86 47	89 33	111 51	119 61	114 29	112 47	120 22
23	OMBU260046	OMBU260046	ERH 130044	OMBU180126	25.7		88 70	112 70	102 59	88 59	115 40	111 56	107 67	90 32	106 51	102 44
1	OMBU250013	OMBU250013	ERH 130044	OMBU170089	6 1.4		95 69	101 70	128 59	93 58	96 42	107 56	109 66	90 35	103 52	102 44
2	OMBU250029	OMBU250029	HART140265	OMBU160097	6 1.1		84 70	108 71	136 59	81 59	92 42	107 57	115 67	102 36	106 53	104 46

Selection List on Cow Value

Bull calves younger than 2 years

ID Sorted on ID	Name	Sire ID	Dam ID	Visual Score % Inbreeding	Horned / Polled	Myostatin 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
3	OMBU250041	OMBU250041	OMBU200030	OMBU220104	1.0		107 65	96 67	100 47	103 47	119 35	109 51	97 61	97 31	106 47	101 30
4	OMBU250049	OMBU250049	OMBU200030	OMBU220108	4.2		114 66	99 68	100 47	102 47	96 33	104 51	103 61	100 30	103 47	104 26
5	OMBU250064	OMBU250064	HART130240	OMBU210167	2.8		114 69	97 69	97 55	104 56	99 41	102 55	99 65	98 34	100 51	95 45
6	OMBU250068	OMBU250068	HART210212	OMBU140124	1.5		84 68	115 69	100 52	83 48	103 35	102 53	108 63	106 32	102 49	110 40
7	OMBU250069	OMBU250069	HART170114	OMBU180085	1.0		100 68	93 70	108 55	113 53	117 38	109 54	98 65	95 34	106 50	99 46
8	OMBU250075	OMBU250075	HART140265	OMBU200076	1.3		77 69	110 70	109 57	90 58	108 41	103 56	103 66	107 36	104 52	106 46
9	OMBU250087	OMBU250087	HART170114	OMBU220071	1.1		91 67	97 68	123 50	95 51	102 38	102 53	100 62	105 34	102 49	110 46
10	OMBU250094	OMBU250094	HART140265	OMBU210144	1.9		84 69	106 69	120 56	91 57	95 40	101 55	107 65	98 35	100 51	103 46
11	OMBU250097	OMBU250097	HART130240	OMBU210168	1.8		104 69	100 69	107 55	100 56	93 41	100 55	102 65	98 34	99 51	97 45
12	OMBU260009	OMBU260009	ERH 130044	OMBU190040	1.0		101 70	107 71	98 60	90 59	112 43	109 57	105 67	99 34	107 52	103 44
13	OMBU260015	OMBU260015	HART140265	OMBU210151	3.0		78 69	110 69	121 56	82 57	109 40	108 55	110 65	101 35	106 51	109 48
14	OMBU260026	OMBU260026	HART140265	OMBU190006	1.4		91 70	105 70	112 59	87 59	103 42	102 57	102 67	102 36	102 53	104 46
15	OMBU260028	OMBU260028	HART170114	OMBU180133	0.6		95 68	92 70	117 55	108 53	114 37	106 54	98 65	92 34	103 50	99 44
16	OMBU260041	OMBU260041	HART170114	OMBU180035	4.7		121 69	90 70	93 55	123 54	105 40	106 55	98 65	105 35	106 51	104 44
17	OMBU260048	OMBU260048	ERH 130044	OMBU150097	1.0		97 71	110 71	93 61	96 59	112 43	109 58	105 68	101 34	107 53	108 42
18	OMBU260051	OMBU260051	OMBU200030	OMBU220012	0.8		111 66	103 58	103 47	96 47	95 33	106 47	107 56	101 30	105 44	105 26
19	OMBU260052	OMBU260052	HART170114	OMBU200119	1.7		106 68	85 59	103 51	125 52	114 38	103 50	91 58	89 34	99 47	91 44
20	OMBU260057	OMBU260057	HART170114	OMBU190117	1.1		123 68	79 60	119 52	128 52	99 37	107 50	98 59	99 34	105 47	97 42
21	OMBU260059	OMBU260059	OMBU200030	OMBU210087	4.1		104 66	107 57	100 45	95 46	100 32	107 47	106 55	102 30	106 44	107 26
22	OMBU260061	OMBU260061		OMBU180024	0.0		107 59	93 38	98 39	110 38	115 25	104 36	94 41			79 22
23	OMBU260062	OMBU260062	HART140265	OMBU210096	1.1		88 69	108 60	116 55	85 57	97 41	103 52	108 60	112 36	105 49	112 46
24	OMBU260070	OMBU260070	HART140265	OMBU220043	26.2		78 69	112 60	119 53	79 56	95 40	101 52	111 60	103 36	101 49	107 48
1	OMBU250030	OMBU250030	ERH 130044	OMBU170034	6 1.0		109 70	99 71	83 60	98 59	107 44	97 57	92 67	98 34	96 52	96 43
2	OMBU250033	OMBU250033	HART140265	OMBU130102	6 1.6		98 70	94 71	109 60	103 58	99 42	97 57	95 67	97 36	96 53	91 46
3	OMBU250039	OMBU250039	ERH 130044	OMBU190110	2.9		106 69	96 70	96 58	110 58	94 41	95 56	97 66	89 34	92 52	91 43
4	OMBU250047	OMBU250047	ERH 130044	OMBU210102	27.6		91 69	107 69	89 57	95 58	103 42	96 56	98 65	85 33	92 51	95 44
5	OMBU250060	OMBU250060	HART170114	OMBU200015	0.9		91 68	77 69	119 54	133 52	110 36	94 53	85 64	100 34	94 49	94 42
6	OMBU250082	OMBU250082	HART150313	OMBU170079	4.8		103 70	102 70	103 57	90 56	96 40	99 56	99 66	112 32	101 51	105 38

★★★★☆

★★★★

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 nt821 F94L	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc										
							★★★★																			
7	OMBU250083	OMBU250083	NFS 180147	OMBU210093	3.5		99	68	106	69	79	54	91	54	107	39	94	54	91	64	111	48	97	53	116	48
8	OMBU250085	OMBU250085	HART150313	OMBU170136	0.8		88	70	103	70	113	57	92	55	86	38	92	55	101	66	116	32	96	50	108	34
9	OMBU250089	OMBU250089	HART150313	OMBU160055	3.4		112	70	91	70	104	57	103	55	91	38	93	55	93	66	105	32	94	50	94	38
10	OMBU250095	OMBU250095	HART130240	OMBU220031	2.8		102	69	108	69	94	55	95	56	85	41	97	55	105	65	95	34	95	51	95	44
11	OMBU250096	OMBU250096	HART150313	OMBU170074	0.6		84	69	110	60	106	54	92	55	84	38	93	51	105	60	113	30	96	47	100	38
12	OMBU260001	OMBU260001	NFS 180147	OMBU210142	1.9		90	68	106	69	96	53	94	54	92	38	91	54	97	64	114	48	95	53	115	48
13	OMBU260004	OMBU260004	HART130240	OMBU210156	4.3		109	69	96	69	99	55	100	56	98	42	97	55	94	65	104	34	98	51	94	44
14	OMBU260055	OMBU260055	HART140265	OMBU200092	2.0		108	69	93	60	111	55	93	57	90	39	93	52	95	60	92	36	92	49	94	46
15	OMBU260060	OMBU260060	HART140265	OMBU220049	25.6		87	69	100	60	127	54	84	56	96	39	99	52	102	60	103	35	99	49	106	48
16	OMBU260064	OMBU260064	ERH 130044	OMBU170034	1.0		113	70	96	62	82	59	105	59	107	43	97	54	91	62	96	34	96	50	95	43
17	OMBU260067	OMBU260067	HART210212	OMBU130127	1.4		105	68	95	58	109	51	89	48	87	34	90	49	94	57	105	32	91	46	102	39
18	OMBU260069	OMBU260069	HART140265	OMBU200107	1.2		81	69	110	60	119	53	78	56	95	39	99	52	109	60	108	34	101	48	113	44
							★★★★☆																			
1	OMBU250067	OMBU250067	HART210212	OMBU130110	1.0		100	68	96	69	102	53	90	48	93	31	88	52	90	63	94	30	87	48	95	37
2	OMBU250076	OMBU250076	HART210212	OMBU130125	1.3		86	68	105	69	94	53	85	48	94	33	85	52	91	63	105	30	87	48	106	37
3	OMBU250091	OMBU250091	HART210212	OMBU160072	2.0		98	67	94	68	91	52	99	47	92	33	81	52	84	62	96	30	82	48	97	38
4	OMBU250196	OMBU260064	HART210212	OMBU120074	0.2		87	68	104	68	97	52	92	48	86	32	84	52	94	63	99	28	85	47	106	34
5	OMBU260022	OMBU260022	HART210212	OMBU120077	0.2		88	68	101	68	94	52	85	47	93	31	81	51	86	62	110	29	85	47	114	34
6	OMBU260037	OMBU260037	HART210212	OMBU160061	0.7		93	68	100	69	94	52	93	49	95	36	87	53	89	63	107	30	89	48	106	41
7	OMBU260056	OMBU260056	HART210212	OMBU120082	0.7		95	68	98	58	99	52	105	48	86	32	87	48	94	57	95	30	87	44	96	38
							★★★																			
1	OMBU250093	OMBU250093	HART210212	ERH 110077	2.4		99	69	88	70	77	54	106	48	107	37	79	54	73	64	91	34	78	50	89	43

Selection List on Cow Value

Heifers younger than 2 years

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	OMBU250043	OMBU250043	OMBU200030	OMBU220112	1.1				110	66	112	67	100	46	94	47	113	33	123	50	117	60	102	30	120	46	107	29
									★★★★★																			
1	OMBU250002	OMBU250002	HART140265	OMBU200045	7	0.9			91	69	109	70	117	57	89	58	104	41	112	56	112	66	107	36	111	52	109	46
2	OMBU250011	OMBU250011	ERH 130044	OMBU200018	7	1.1			89	70	120	70	101	59	85	59	112	43	116	57	116	66	102	35	114	53	108	43
3	OMBU250040	OMBU250040	OMBU200030	OMBU230021	0.8				131	65	99	67	107	47	94	46	104	32	118	50	109	60	103	30	116	46	104	28
4	OMBU250045	OMBU250045	OMBU200030	OMBU220026	1.3				117	66	101	67	96	47	108	47	103	34	112	51	107	61	99	30	109	47	98	26
5	OMBU250054	OMBU250054	OMBU200030	OMBU220100	10.3				100	66	111	68	102	47	87	47	108	34	111	51	108	61	112	30	112	47	119	30
6	OMBU250057	OMBU250057	OMBU200030	OMBU230006	7.4				102	66	113	68	106	47	93	47	93	34	111	51	117	61	107	30	111	47	107	26
7	OMBU250058	OMBU250058	OMBU200030	OMBU230009	7.1				120	66	103	68	103	47	94	47	105	34	116	51	110	61	102	30	113	47	107	28
8	OMBU250066	OMBU250066	OMBU200030	OMBU210145	7.3				121	66	103	68	100	49	97	48	113	35	119	51	109	62	102	30	117	47	108	29
9	OMBU260017	OMBU260017	OMBU200030	OMBU210114	7.2				110	66	111	68	113	47	88	47	101	33	119	51	119	61	121	30	121	47	125	24
10	OMBU260047	OMBU260047	HART170114	OMBU190011	4.1				131	68	77	70	117	55	127	53	106	39	112	55	97	65	97	34	109	51	95	44
									★★★★★																			
1	OMBU250003	OMBU250003	HART170114	OMBU210036	8	1.0			95	68	92	59	104	50	123	51	115	39	105	50	96	58	94	34	102	47	94	45
2	OMBU250008	OMBU250008	OMBU200029	OMBU140110	6	13.7			111	67	95	68	93	52	103	48	113	37	103	52	93	62	92	32	100	48	88	28
3	OMBU250016	OMBU250016	ERH 130044	OMBU150107	6	1.6			101	70	107	70	101	60	96	59	96	43	103	57	107	67	97	34	102	52	98	44
4	OMBU250031	OMBU250031	HART140265	OMBU180129	7	2.5			78	69	111	70	125	58	78	58	105	38	108	55	113	66	101	34	106	51	107	46
5	OMBU250056	OMBU250056	HART140265	OMBU210147	1.5				80	68	118	69	124	54	73	57	89	39	106	54	122	65	114	34	107	50	118	44
6	OMBU250063	OMBU250063	HART140265	OMBU190017	1.3				85	70	106	71	113	59	91	58	103	42	103	57	105	67	100	36	102	53	98	46
7	OMBU250071	OMBU250071	ERH 130044	OMBU200027	1.7				106	70	103	70	103	59	93	59	105	43	107	57	104	66	95	35	105	53	99	43
8	OMBU250072	OMBU250072	ERH 130044	OMBU220064	14.7				108	69	100	70	96	56	95	57	113	39	106	55	98	66	90	32	102	50	91	44
9	OMBU250073	OMBU250073	NFS 180147	OMBU210115	1.7				86	67	127	69	98	52	79	53	93	36	108	53	123	64	124	47	112	52	127	46
10	OMBU250074	OMBU250074	ERH 130044	OMBU220042	2.8				89	69	107	69	109	56	90	58	107	41	106	55	105	65	98	34	104	51	102	45
11	OMBU250077	OMBU250077	HART140265	OMBU190088	0.7				105	69	99	70	111	57	85	57	109	39	105	55	99	66	105	34	105	51	109	43
12	OMBU250080	OMBU250080	HART110186	OMBU180135	7.9				107	70	100	70	109	60	96	58	104	44	108	57	104	67	117	39	110	53	113	48
13	OMBU250081	OMBU250081	CEF 160394	OMBU210039	1.2				104	69	107	70	81	58	100	58	117	43	108	56	100	66	107	41	107	53	102	50
14	OMBU250086	OMBU250086	HART130240	OMBU210169	2.7				101	69	112	69	97	55	93	56	91	41	104	55	111	65	104	34	104	51	99	44
15	OMBU250090	OMBU250090	HART200020	OMBU190105	1.2				116	68	106	70	86	52	97	49	96	36	104	53	105	64	112	32	105	49	104	38

Selection List on Cow Value

Heifers younger than 2 years

ID	Name	Sire ID	Dam ID	Visual Score	% Inbreeding	Horned / Polled	Myostatin	Q204X	n1821	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										
Sorted on ID												Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc										
												★★★★☆																			
16	OMBU260002	OMBU260002	HART140265	OMBU220052	1.6							80	69	111	60	122	54	82	57	92	39	101	52	111	60	97	34	99	48	99	46
17	OMBU260012	OMBU260012	HART170114	OMBU210143	2.7							97	68	95	69	111	52	100	52	120	39	108	54	96	64	99	34	106	50	100	46
18	OMBU260016	OMBU260016	ERH 130044	OMBU180129	25.7							90	70	101	70	112	60	90	59	113	40	104	56	98	67	86	32	99	51	93	44
19	OMBU260018	OMBU260018	HART170114	OMBU170009	3.9							101	70	93	70	119	56	107	53	107	40	108	55	101	65	103	34	107	51	104	44
20	OMBU260019	OMBU260019	HART140265	OMBU210064	3.2							76	69	120	69	108	56	80	57	103	40	107	55	115	65	103	34	106	51	109	46
21	OMBU260020	OMBU260020	HART170114	OMBU170005	3.1							103	69	81	70	120	56	129	53	117	38	109	55	95	65	92	35	105	51	89	44
22	OMBU260023	OMBU260023	HART140265	OMBU190057	0.8							77	69	108	70	120	58	85	58	100	41	100	56	104	66	105	34	100	52	106	46
23	OMBU260027	OMBU260027	HART140265	OMBU200028	1.1							78	69	118	70	107	58	83	58	100	41	105	56	113	66	109	36	105	52	107	46
24	OMBU260031	OMBU260031	HART140265	OMBU220048	26.3							81	69	110	69	112	55	90	57	101	40	103	55	107	65	106	36	103	51	106	48
25	OMBU260032	OMBU260032	HART170114	ERH 110062	0.8							101	71	89	72	102	58	109	54	130	41	107	57	89	67	97	38	105	53	95	48
26	OMBU260039	OMBU260039	ERH 130044	OMBU180010	0.7							98	70	98	70	114	59	99	59	99	42	102	57	102	67	91	36	98	53	94	44
27	OMBU260049	OMBU260049	HART170114	OMBU180122	2.5							94	68	93	60	124	52	107	52	103	38	105	51	101	59	102	36	104	48	104	44
28	OMBU260050	OMBU260050	HART140265	OMBU220015	2.9							91	68	111	60	107	53	83	55	101	38	104	51	108	59	104	35	104	48	106	46
29	OMBU260053	OMBU260053		OMBU140110	0.0							105	60	90	40	100	40	105	38	115	26	100	37	89	43	83	22	96	34	84	22
30	OMBU260054	OMBU260054	HART140265	OMBU190099	1.0							80	69	117	60	113	56	82	57	103	39	109	52	115	60	107	34	108	48	110	44
31	OMBU260058	OMBU260058	HART170114	OMBU200023	1.7							105	68	84	59	103	51	129	52	110	38	100	50	90	58	90	35	97	47	92	44
32	OMBU260063	OMBU260063	ERH 130044	OMBU210060	26.1							100	70	99	61	97	57	103	58	112	41	104	53	98	61	90	33	100	49	95	44
												★★★★																			
1	OMBU250005	OMBU250005		OMBU120050	6	0.0						99	61	85	61	114	42	106	38	101	27	91	45	86	55	82	22	88	40	81	20
2	OMBU250017	OMBU250017	ERH 130044	OMBU140050	6	0.9						111	71	96	71	98	60	97	59	99	44	98	58	96	67	90	34	95	53	99	45
3	OMBU250021	OMBU250021	ERH 130044	OMBU120018	6	0.4						101	71	92	71	103	61	107	59	104	41	96	57	92	68	87	34	92	52	87	42
4	OMBU250084	OMBU250084	HART170213	OMBU150090	1.8							105	70	106	71	89	55	91	52	91	39	95	55	99	65	112	32	97	50	114	39
5	OMBU250088	OMBU250088	HART210212	OMBU140049	1.3							94	68	102	69	84	53	100	48	102	36	91	53	91	63	100	32	91	49	95	40
6	OMBU250111	OMBU250011	ERH 130044	OMBU210103	26.3							108	68	94	69	90	57	107	58	105	42	97	56	91	65	83	33	92	51	88	44
7	OMBU260007	OMBU260007	HART150313	OMBU170015	0.9							77	70	111	71	107	57	87	55	90	39	92	56	103	66	111	32	95	51	101	38
8	OMBU260008	OMBU260008	HART130240	OMBU220013	2.8							92	69	108	69	96	56	100	56	87	41	95	55	104	65	103	34	95	51	95	44
9	OMBU260010	OMBU260010	HART210212	OMBU160065	1.9							77	68	114	68	105	51	85	48	98	36	98	52	106	62	106	33	98	48	108	40
10	OMBU260013	OMBU260013	ERH 130044	HART110106	3.9							91	72	100	63	98	62	93	60	115	44	98	56	91	64	79	41	93	53	86	46
11	OMBU260033	OMBU260033	HART210212	OMBU120031	2.7							81	68	108	69	92	54	93	49	108	37	95	53	96	64	102	34	95	49	103	42

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 n1821 F94L	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc
						<i>Italics: DNA Test</i>										
12	OMBU260034	OMBU260034	HART170114	OMBU170064	0.6		10069	8171	11256	12453	11139	9955	8866	9735	9851	9244
13	OMBU260036	OMBU260036	HART210212	OMBU130122	1.2		9368	9569	11253	10249	9835	9553	9663	9333	9349	9238
14	OMBU260040	OMBU260040	HART210212	OMBU140099	0.4		8968	10569	10053	9749	9334	9353	9963	11130	9648	11038
15	OMBU260042	OMBU260042	HART210212	OMBU150108	0.9		10468	9568	9251	9548	10434	9252	8862	9530	9148	9637
16	OMBU260045	OMBU260045	HART140265	OMBU210154	1.8		7669	11469	11656	8457	8440	9655	11165	9936	9551	10346
17	OMBU260066	OMBU260066	HART210212	OMBU170055	1.1		9667	10157	10150	9547	8833	9048	9656	11030	9244	10940
1	OMBU250062	OMBU250062	HART210212	OMBU160014	1.2		9368	9969	9051	9748	10135	8852	8863	10031	8948	9738
2	OMBU250078	OMBU250078	HART210212	OMBU160062	0.9		7868	11369	8552	8348	9535	8453	9563	10631	8749	10738
3	OMBU260006	OMBU260006	HART150313	OMBU170170	0.4		7969	10570	12655	8855	7637	8955	10565	11230	9250	10337
4	OMBU260030	OMBU260030	HART210212	OMBU110032	0.3		8368	9769	9954	9749	9833	8453	8764	9829	8548	9634
5	OMBU260043	OMBU260043	HART210212	OMBU130121	1.0		8268	9869	9753	9849	10132	8652	8763	10130	8748	9737
6	OMBU260065	OMBU260065	HART210212	OMBU110018	0.4		9968	9757	9752	10148	9030	8848	9457	9128	8744	9334
1	OMBU250055	OMBU250055	HART210212	OMBU150093	1.3		8368	10769	7952	8748	9533	7952	8663	9828	8047	9437

