

BONSMARA

GENOMIC BREEDING VALUE REPORT

August 2026



MOSIANE BONSMARAS

Herd Number: 716157

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EBVs, EBVi's and GEBVs

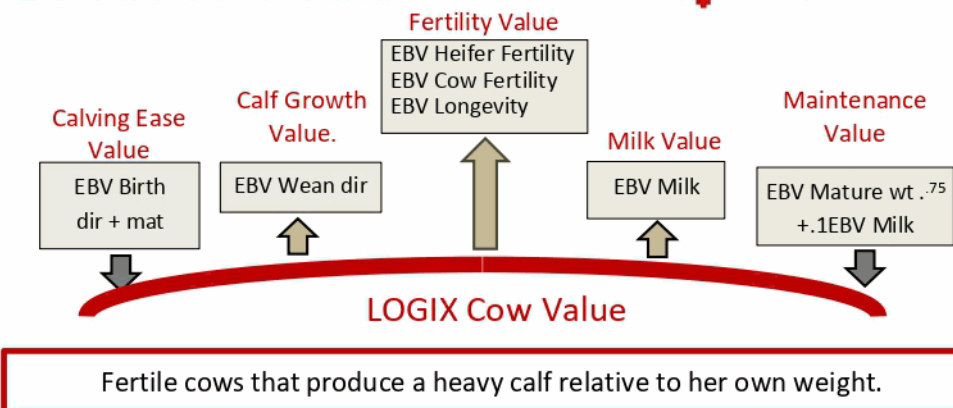
EBVi (Breeding Value Index): Genetic potential relative to the average (100) of the live (active) animals in the breed. Roughly 50% of the animals have values between 90 and 110. Values above 100, depending on the trait, tend to be in the more favourable direction.

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

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

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

LOGIX Cow Value



Selection Values

LOGIX Cow Value



Selecting for:

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

LOGIX Growth Value



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

How to use the Cow Value

Selection values should be compatible with your selection goal.

AVERAGE ANIMALS

(NO GROWTH EXTREMES)

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

GROWERS

(GOOD ENVIRONMENT)

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

LOW- MAINTENANCE ANIMALS

(HARSH ENVIRONMENT)

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

LOGIX Weaner Calf Value



Select for:

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

LOGIX Carcass Value



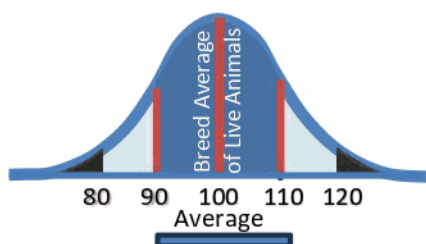
Select for more meat on the carcass as measured from end weight in Phase C and D Growth Tests and RTU scanning.

LOGIX Production Value



80% LOGIX Cow Value +
20% LOGIX Growth Value

Interpretation of EBVi and Selection Values

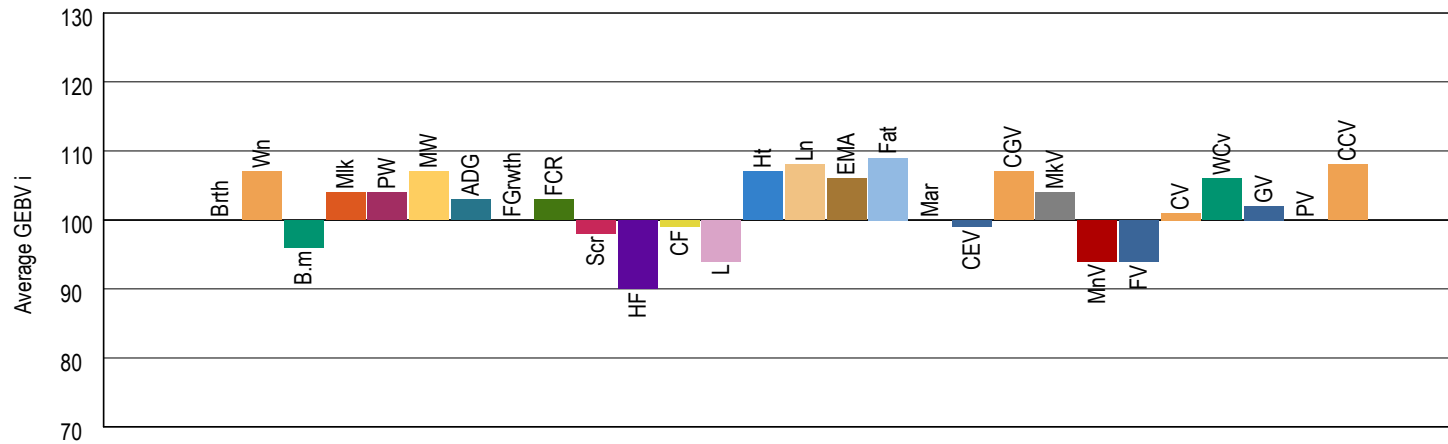


Examples

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

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

Herd and Breed Averages



Genomic Breeding Values (GEBVs):

Brth:	Birth weight	Scr:	Scrotal circumf.
Wn:	Weaning weight	HF:	Heifer Fertility
B.m:	Birth maternal	CF:	Cow Fertility
Milk:	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	0.97	100	0.98
	Wean Weight	18.4	107	14.9
	Birth Mat.	-0.09	96	-0.28
	Milk (Wn.Mat.)	5.0	104	3.7
Postwean Growth	Postwean Wt	29	104	25
	Mature Weight	32	107	22
	ADG	90	103	79
	VeldGrowth	36	100	35
	FCR	-42	103	-37
Fertility	Scrotal Circumf.	12	98	13
	Heifer Fertility	-3.3	90	-9.1
	Cow Fertility	-0.29	99	-0.55
	Longevity	27.9	94	31.7
Frame	Height	2.6	107	-3.1
	Length	20.6	108	13.6
Carcass	EMA	1.325	106	0.685
	Fat	1.416	109	0.046
	Marbling	-0.055	100	-0.069

Selection Value	Ave. Herd
Calving Ease	99
Calf Growth	107
Milk	104
Maintenance	94
Fertility	94
Cow Value	101
Weaner Calf Value	106
Growth Value	102
Production Value	100
Carcass Value	108

- 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 2015 and earlier

Total:

130
120
110
100
90
80
70

Cow Herd

Cows born in 2015 and earlier

Total:

130
120
110
100
90
80
70

Sires of young animals

Sires of animals 3 years and younger

Total:

130
120
110
100
90
80
70

Cows older than 6 years

Cows born in 2015 and earlier

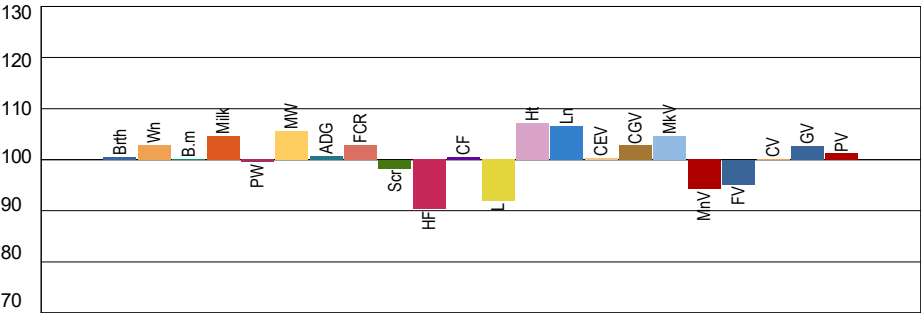
Total:

130
120
110
100
90
80
70

Bull calves

Bulls born in 2025

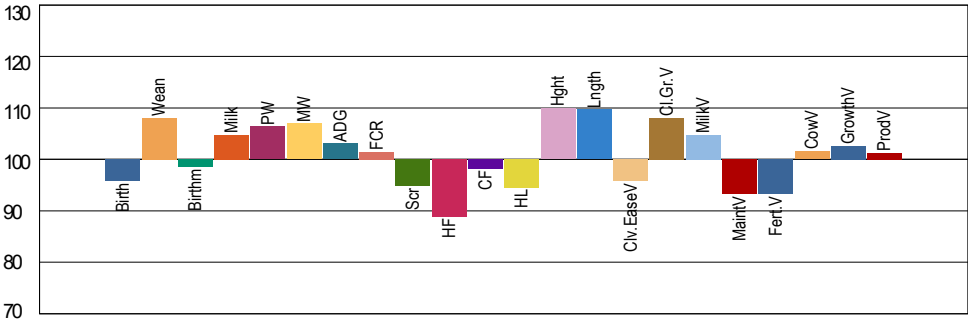
Total: 23



Heifer calves

Heifers born in 2025

Total: 20

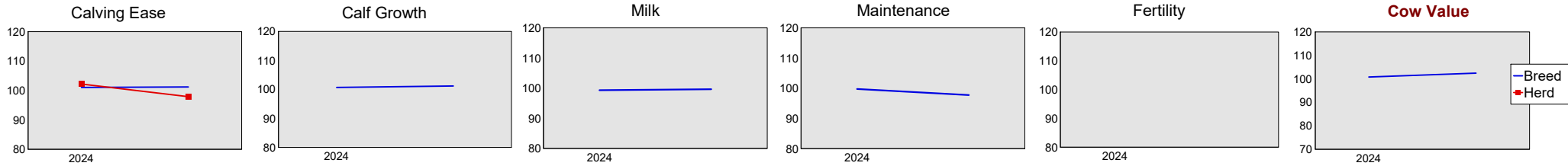


Summary of Cow Herd

			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
2015	1		106								105		101											
2016	13		103								103		97									92		
2017	36		100								102		92									93		
2018	41		101								102		96									93		
2019	23		102								104		94									91		
2020	20		96								100		86									91		
2021	15		100								100		98									95		
2025	20	★★★★☆	96	108	105	93	93	102	103	101	96	108	99	105	106	107	103	101	95	89	98	95	110	110
Cows in Herd Average:			101	108	105	93	93	102	103	101	102	108	95	105	106	107	103	99	95	89	98	93	110	110

Genetic Trends for On-Farm Traits

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



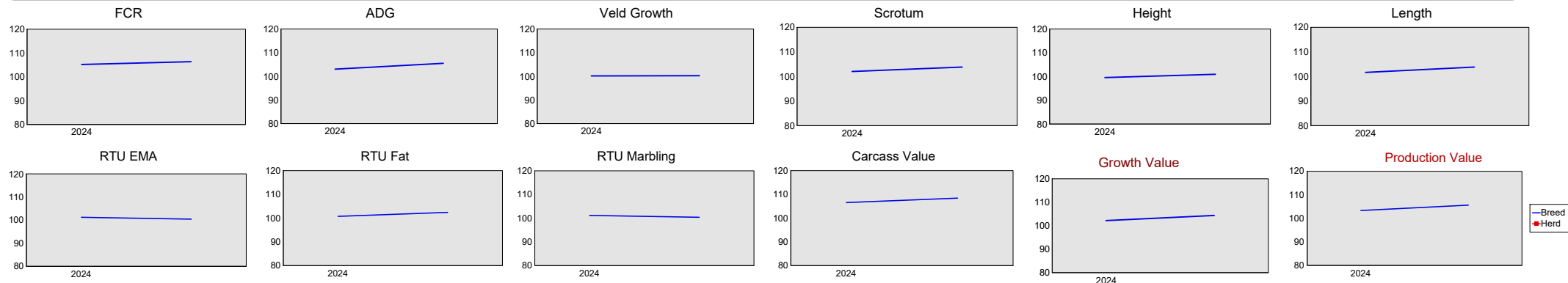
Herd

Birth Year	Calving Ease				Calf Growth			Milk		Maintenance				Fertility						Cow Value	
	Birth Weight		Mat	Calv. Ease	Weaning Weight		Calf Growth	Milk (Wn.Mat.)		Postwean Weight	Mature Weight		Maintenance	Heifer Fert.		Cow Fert.		Longevity			Ferti- lity
	Number	EBV			Number	EBV		Number	EBV		Number	EBV		Number	EBV	Number	EBV	Number	EBV		
2024	25	0.53	0.04	102																	
2025	45	1.18	-0.23	98																	

Breed

Birth Year	Calving Ease				Calf Growth			Milk			Maintenance					Fertility							Cow Value
	Birth Weight		Mat EBV	Calv. Ease	Weaning Weight		Calf Growth	Milk (Wn.Mat.)		Postwean Weight		Mature Weight		Maintenance	Heifer Fert.		Cow Fert.		Longevity		Fertility		
	Number	Dir EBV			Number	EBV		Number	EBV	Number	EBV	Number	EBV		Number	EBV	Number	EBV	Number	EBV		Number	
2016	43611	1.05	-0.23	99	35930	13.3	97	35930	2.86	97	25541	22.8	6538	22	102	8135	-6.1	6285	-0.1	45500	22.9	92	90
2017	45324	1.08	-0.23	99	37532	13.8	98	37532	3.04	98	26133	23.7	6680	22	101	8519	-6.4	6592	-0.1	46599	23.9	93	91
2018	43024	1.06	-0.27	99	35840	13.9	98	35840	3.05	98	24987	23.8	6623	22	102	7935	-6.5	6325	-0.1	43918	24.6	93	92
2019	43001	1.07	-0.28	99	35098	14.5	99	35098	3.05	98	24660	24.8	6810	23	101	8160	-6.9	6621	-0.1	43260	25.5	95	94
2020	43048	1.04	-0.30	100	35835	14.6	99	35835	3.07	98	26174	24.9	7371	23	101	8567	-7.8	6863	-0.3	43228	26.4	97	95
2021	43186	1.01	-0.32	100	35924	14.9	100	35924	3.12	98	26569	25.7	6800	23	101	8458	-7.8	5918	-0.3	39966	27.5	98	97
2022	43242	0.99	-0.31	100	36531	15.2	101	36531	3.30	99	26864	26.2	5809	24	100	8180	-8.3	2754	-0.5	12132	27.5	99	98
2023	44373	0.96	-0.32	100	37219	15.2	101	37219	3.42	99	26568	26.3	1703	23	100	4475	-9.2	92	-1.4			101	100
2024	42929	0.89	-0.31	101	35753	15.3	101	35753	3.52	99	25606	26.3	3	16	100	182	-10.3					103	101
2025	44412	0.89	-0.31	101	31486	15.6	101	31486	3.62	100	6921	28.3			98								102
2026	13358	0.89	-0.28	101	286	13.7	98	286	4.43	102													101

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			
2024																												
2025																												

Breed

Birth Year	Growth												Frame						Carcass						Selection Values			
	FCR			ADG			Veld Growth			Scrotum			Height			Length			RTU Number	EMA		Fat		Marbling		Cracss Value	Growth Value	Prod Value
	Number	EBV	EBVi	Number	EBV	EBVi	Number	EBV	EBVi	Number	EBV	EBVi	Number	EBV	EBVi	Number	EBV	EBVi		EBV	EBVi	EBV	EBVi					
2017	659	-45	105	8459	77	99	16296	29	97	9041	11.6	98	8541	0	104	8457	14	101	3129	0.62	99	-0.38	97	-0.10	100	99	97	93
2018	628	-41	103	8227	78	100	15436	30	97	8717	11.7	98	7978	-1	103	7980	14	101	2986	0.82	101	-0.48	97	-0.12	99	99	98	94
2019	628	-44	104	8521	81	100	14841	31	98	8900	12.2	99	8361	-1	102	8364	15	101	3151	1.18	105	-0.39	97	-0.08	100	102	99	96
2020	636	-47	106	8817	82	101	15894	32	98	9374	12.6	100	8824	-2	102	8827	15	101	4040	0.99	103	-0.16	99	-0.15	99	102	99	97
2021	664	-43	104	8962	85	101	16263	33	99	9619	12.9	100	9225	-2	101	9224	15	102	3802	1.06	104	-0.08	99	-0.26	98	104	100	99
2022	728	-46	105	8922	89	102	16330	34	99	9812	13.4	101	9649	-2	101	9652	15	102	4279	1.16	105	0.12	100	-0.07	100	106	101	101
2023	763	-45	105	8756	90	103	16126	35	100	9664	13.7	102	9747	-3	100	9738	15	102	4124	1.25	106	0.18	101	-0.12	99	106	102	102
2024	819	-45	105	8544	91	103	15362	36	100	9127	14.0	102	9262	-3	100	9173	15	102	4523	1.21	105	0.17	101	0.03	101	107	102	103
2025	275	-47	106	2600	100	106	4079	36	100	2545	15.1	104	2687	-2	101	2650	17	104	1536	1.23	105	0.43	102	-0.04	100	108	104	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	
AG 150422 82427360			AG 110192	95	107	93	103	120	112	104	84	106	84	94	93	99	96	107	93	103	104	90	91	92	121	142	132	103	108	81	85	68	78	65	52	30
			AG 030551	95	94	91	91	89	85	93	88	86	88	15	1.66	-1.5	16	18.7	1.5	80	28.2	40	15	-24	1.47	38.0	-27.4	-1.2	36.9	-18	0.3	-2.53	-3.51	-3.05	4	10
AG 170019 84956424			ADV 070154	77	109	119	100	62	86	112	78	82	101	107	79	79	97	109	119	127	105	75	99	61	120	75	69	64	104	93	92	109	92	77	81	64
			AG 090743	96	96	91	91	89	86	94	88	86	88	33	3.14	1.2	17	19.8	9.6	139	29.0	-17	33	27	1.42	-2.3	8.6	6.0	34.2	-9	6.9	1.63	-1.20	-1.98	4	6
CEF 110362 72937162			AG 070480	107	100	111	137	87	113	120	74	105	81	76	107	84	66	100	111	136	96	71	87	76	85	79	126	55	111	78	78	66	74	86	224	158
			CEF 060010	97	97	94	93	75	84	96	68	81	68	-8	0.29	0.6	-28	14.7	7.1	160	21.7	-31	5	2	-0.53	0.3	-23.9	7.6	38.4	-20	-6.2	-2.71	-4.12	-1.29	10	58
GZV 150127 83632505			AG 100268	103	114	98	100	91	111	117	99	108	109	101	107	92	99	114	98	113	105	104	87	90	101	105	88	107	84	88	98	102	120	89	7	5
			GZV 110065	90	89	87	87	85	81	89	86	82	84	24	0.24	-0.6	20	22.7	3.2	105	29.5	96	5	-21	0.38	16.0	-2.1	-1.8	22.1	-12	11.7	0.88	3.17	-1.02	1	1
LAR 150117 82875782			BP 100017	105	91	119	115	96	104	102	98	102	97	85	111	80	85	91	119	117	94	103	112	98	139	89	102	91	103	93	97	76	106	68	63	58
			LAR 120317	96	96	94	94	91	87	95	93	88	92	4	-0.19	1.1	0	10.0	9.5	115	19.3	89	66	-34	2.48	6.0	-10.4	1.1	33.4	-9	11.3	-1.72	0.95	-2.78	16	21
LAR 160004 83607176			LAR 120455	83	116	127	88	74	104	122	129	109	116	115	85	92	110	116	127	131	117	127	115	102	87	91	74	80	102	70	94	127	76	96	117	88
			LAR 050072	94	95	84	84	64	79	91	69	77	84	43	2.53	-0.5	37	23.4	12.0	147	40.6	181	73	-40	-0.38	7.5	5.8	3.0	33.2	-27	8.1	3.38	-3.78	-0.45	27	17
PEK 120053 77429868			VV 030346	105	102	105	107	126	122	106	120	123	126	90	108	91	91	102	105	111	104	120	111	138	89	130	131	120	100	116	119	81	129	108	10	10
			KHB 980039	79	78	72	71	60	67	76	66	67	64	10	0.19	-0.4	8	15.8	5.2	100	28.7	154	63	-100	-0.29	30.6	-26.6	-4.2	31.8	9	30.1	-1.23	4.62	0.57	4	4

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																
201908 C32 M SERNICK BONSMARA STOET		0378288MIX	GZV 150127 NFS 140130																
		NFS 180405		98	115	105	104	107	95	98	87	106	96	78	99	82	130	113	117
		88013669		80	88	31	17	2	1.14	11.7	0.66	101	-30	-16	86	-1.15	4.85	1.00	86
202001 C32 M SERNICK BONSMARA STOET		0378288MIX	LAR 150117 NFS 170030																
		NFS 190128		105	133	138	141	129	110	93	57	137	115	139	132	105	143	104	143
		88795711		80	89	60	50	20	1.18	8.3	1.20	218	-61	130	88	1.18	6.92	0.23	86
202007 C32 M SERNICK BONSMARA STOET		0378288MIX	LAR 160004 CEF 140043																
		CEF 190712		100	113	115	110	93	128	90	79	121	111	115	118	104	85	91	116
		89303838		56	70	40	23	-9	1.23	7.1	0.81	158	-54	71	63	1.04	-2.37	-0.82	64
		PEK 190034	PEK 120053 PEK 130050																
				105	111	118	123	121	98	126	123	123	149	136	122	79	98	93	122
		89801880		54	67	42	34	14	1.15	28.4	0.01	166	-116	122	64	-1.40	-0.29	-0.64	61

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 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
NFS 180405	1	1		150127	NFS 140130	74	115	108	98	88	98	111	99	98	117	107	80	74	100	115	108	121	105	106	78	96	97	98	79	102	94	107	104	82	130	113	
88013669						88	88	86	85	84	80	87	86	81	86	33	3.07	1.9	22	22.8	6.1	123	85	88	86	86	29.4	101	-16	-30	0.1	11.7	2.9	-0.8	27.8	2	17
CEF 190712	1	1		160004	CEF 140043	97	113	108	83	82	100	113	118	104	116	117	98	104	118	113	108	108	115	121	115	111	106	90	82	93	96	93	110	104	85	91	
89303838						70	70	58	56	42	56	66	63	57	64	46	1.18	-2.1	49	21.8	6.2	94	56	70	58	61	38.7	158	71	-54	0.7	7.1	1.3	0.8	29.1	-9	23
NFS 190128	2	2		150117	NFS 170030	68	133	101	77	89	105	124	132	111	143	125	77	78	128	133	101	114	138	137	139	115	103	93	95	95	88	129	141	105	143	104	
88795711						88	89	87	86	85	80	88	88	82	86	57	3.41	1.4	63	32.5	4.0	108	66	89	87	87	58.9	218	130	-61	0.5	8.3	-6.2	0.3	24.6	20	50
PEK 190034	1	1		120053	PEK 130050	96	111	92	86	108	105	103	122	109	122	112	97	103	116	111	92	96	114	123	136	149	75	126	97	119	98	121	123	79	98	93	
89801880						67	67	56	53	41	54	63	64	56	61	40	1.29	-2.0	45	20.9	1.3	63	53	67	56	59	37.7	166	122	-116	-1.1	28.4	-7.2	-3.9	30.7	14	34
AG 200003	3	3		170019	AG 120198	95	100	109	104	71	87	103	87	85	99	99	97	91	94	100	109	112	96	88	89	80	102	89	81	73	97	98	95	112	93	90	
90058249						71	71	56	52	39	55	66	30	50	29	22	1.28	-0.3	13	15.0	6.5	102	52	71	56	60	21.6	33	8	-5	0.4	6.3	1.5	4.3	29.9	-5	9
AG 200266	1	1		110362	AG 130038	93	106	103	118	89	103	111	84	98	93	90	95	83	85	106	103	118	103	83	110	98	99	108	104	76	109	90	89	89	99	89	
90918905						73	73	63	60	47	60	70	42	56	42	10	1.50	0.8	-1	17.9	4.5	116	60	73	63	65	27.6	15	60	-33	0.3	17.7	-11.4	3.8	37.1	-11	4
AG 210898	3	3		150422	AG 140467	83	109	93	88	106	95	96	92	93	91	109	86	92	113	109	93	96	109	92	123	97	112	132	97	106	113	74	84	83	92	94	
92858984						71	71	57	53	41	56	66	30	51	32	35	2.45	-0.4	42	19.8	1.5	63	53	71	57	60	32.6	50	92	-32	1.0	32.1	-7.2	-1.6	39.4	-24	0
MOS 250002		170020	90	101	121	88	122	113	102	108	112	108	104	90	99	111	101	121	111	101	121	112	103	113	105	117	120	133	108	116	117	124	119	110	115	103	
99009508			82	80	79	79	79	74	80	79	75	79	29	2.04	-1.5	38	15.3	10.2	102	79	80	79	79	27.6	129	49	-65	1.5	32.7	-13.7	-3.4	42.1	16	31	1.69	2.47	0.20
MOS 250003		210113	105	97	85	98	80	78	88	105	81	104	96	101	110	102	97	85	83	102	97	85	83	95	109	108	112	90	88	69	92	101	105	102	103	121	123
99009516			85	83	82	82	82	76	83	82	77	82	18	0.85	-3.0	25	13.2	-0.8	33	82	83	82	82	20.5	114	55	-57	-0.3	5.9	8.7	0.9	32.5	1	15	0.98	3.34	1.88
MOS 250004		210114	101	100	83	119	105	99	97	65	90	79	86	97	109	84	100	83	93	84	100	83	93	85	67	78	65	87	75	91	112	107	78	72	100	109	99
99009524			85	83	82	82	82	76	83	82	77	82	5	1.32	-2.8	-1	14.6	-1.4	56	82	83	82	82	11.4	-46	-17	21	-0.4	-2.0	-3.8	-2.6	36.2	-21	-11	0.66	1.48	-0.13
MOS 250006		180067	90	107	115	82	111	110	107	123	113	120	114	90	104	119	107	115	109	119	107	115	109	110	125	106	121	110	103	103	108	109	116	130	125	107	95
99009540			82	80	79	79	79	74	80	78	75	79	42	2.01	-2.1	50	18.8	8.3	94	79	80	79	79	33.7	172	51	-71	0.9	14.8	-11.0	-1.9	37.5	10	40	3.15	1.10	-0.50
MOS 250007		180004	97	100	104	106	88	95	102	99	95	94	92	95	98	92	100	104	108	92	100	104	108	99	92	101	97	102	115	111	75	102	92	96	110	88	97
99009557			84	82	81	81	80	75	82	80	76	80	13	1.47	-1.3	10	15.0	4.9	93	81	82	81	81	24.1	51	38	-32	0.4	21.6	-15.4	4.0	33.0	-9	10	1.73	-1.84	-0.32

Breeding Values and Accuracies: Bulls

Inbreeding in red is high

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

Animal					Selection Value										Birth			Wean				Growth & Adaptation					Fertility				Frame		Carcass		
ID	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																															
MOS 250012 99009607MOS 190057					99 49											101 0.86 57																			
MOS 250013 99009615  MOS 160061					103 84	98 82	114 82	93 82	85 81	95 76	102 82	105 82	96 77	108 81	106 31 82	98 1.20 85	113 -3.3 83	105 29 82	98 14.0 82	114 8.0 82	107 91 82	97 22.0 82	109 115 82	106 50 81	123 -74 81	103 0.5 82	102 14.2 82	85 -0.4 81	97 0.0 81	86 23.3 82	131 21 82	123 34 82	104 1.06 81	126 4.19 81	111 0.83 81
MOS 250014 99009623  MOS 190075					109 83	103 80	106 80	79 80	111 79	109 74	103 80	109 80	109 75	113 79	122 53 79	112 -0.26 84	109 -2.8 81	124 58 80	103 16.7 80	106 5.5 80	96 64 80	101 25.8 80	112 124 79	112 64 79	123 -74 79	82 -0.7 80	104 15.1 80	98 -8.0 79	115 -3.2 79	102 33.0 80	136 26 80	129 40 79	126 3.34 79	111 1.82 79	110 0.82 79
MOS 250016 99009649MOS 200049					106 50											108 0.16 58																			
MOS 250017 99009656MOS 180095					85 50											89 2.17 58																			
MOS 250018 99009664  MOS 160072					86 86	98 84	109 83	91 83	111 83	96 77	92 84	101 82	96 78	101 83	103 28 83	84 2.64 87	100 -1.6 84	108 34 83	98 13.7 84	109 6.5 83	101 76 83	97 21.9 84	110 115 83	115 72 83	126 -80 82	111 0.9 84	115 21.6 84	100 -9.0 83	119 -4.0 82	96 29.4 84	117 11 83	113 25 83	98 0.51 83	118 2.95 83	97 -0.32 83
MOS 250020 99009680  MOS 160062					105 85	90 83	125 82	106 82	70 82	89 76	100 83	91 82	88 77	101 82	93 14 82	111 -0.19 86	85 0.4 83	91 8 82	90 9.2 83	125 11.3 82	117 115 82	92 18.0 82	95 61 82	101 39 82	99 -35 81	111 0.9 83	106 16.3 82	69 8.8 82	82 2.7 81	101 32.1 82	104 0 82	103 16 82	104 1.04 82	118 2.84 82	86 -1.29 82
MOS 250023 99009706  MOS 170080					91 85	108 83	89 83	93 82	90 82	89 76	97 83	94 82	88 77	94 82	106 32 82	92 1.81 86	96 -1.0 84	107 32 82	108 19.0 83	89 0.2 83	94 59 83	100 25.2 83	96 64 82	87 4 82	87 -15 82	111 0.9 83	80 0.7 83	90 -3.2 82	100 -0.5 82	94 28.0 83	97 -6 83	94 9 82	105 1.23 82	87 -2.00 82	92 -0.71 82
MOS 250026 99009730  MOS 190002					116 86	111 84	80 84	96 84	88 83	101 77	107 84	88 84	98 78	101 83	105 31 83	114 -0.51 87	114 -3.5 85	104 28 84	111 20.9 84	80 -2.4 84	91 52 84	103 27.9 84	88 35 84	90 13 83	87 -15 83	110 0.9 84	87 4.9 84	85 -0.7 83	102 -0.9 83	90 25.8 84	87 -14 84	92 7 84	110 1.71 83	104 0.67 83	76 -2.07 83
MOS 250027 99009748  MOS 170117					120 82	104 80	107 79	100 79	111 79	124 74	115 80	101 79	120 75	110 79	92 13 79	117 -0.74 83	125 -5.0 80	97 18 79	104 17.0 80	107 5.8 79	111 100 79	99 23.7 80	100 80 79	79 -14 79	91 -23 79	102 0.4 79	96 10.2 79	101 -9.6 79	111 -2.5 78	108 36.4 80	94 -8 79	99 13 79	105 1.22 79	107 1.16 79	118 1.48 79
MOS 250030 99009771  MOS 180112					83 83	118 81	119 81	81 80	69 80	97 75	122 81	92 80	95 76	109 80	115 44 80	77 3.41 84	106 -2.4 82	121 52 80	118 24.8 81	119 9.6 81	120 122 81	108 32.5 81	92 48 80	88 6 80	91 -22 80	114 1.1 81	74 -2.8 81	66 10.0 80	83 2.5 80	93 27.5 81	110 5 81	107 20 80	119 2.57 80	84 -2.46 80	99 -0.16 80
MOS 250033 99009805  MOS 170078					124 85	95 83	96 83	104 82	79 82	94 76	99 83	85 82	90 77	90 82	96 18 82	124 -1.53 86	112 -3.2 84	95 14 82	95 12.0 83	96 2.6 83	94 59 83	90 15.5 83	82 11 82	95 24 82	92 -23 82	86 -0.5 83	90 7.1 83	86 -1.2 82	91 1.0 82	83 21.5 83	105 1 83	98 12 82	113 1.97 82	105 0.77 82	73 -2.36 82

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
MOS 250034	99009813		MOS 170012		89	110	110	85	107	108	109	127	113	124	108	85	107	116	110	110	109	110	128	115	122	120	115	89	112	107	118	125	101	133	100
					85	84	83	83	82	77	84	82	78	82	35	2.53	-2.6	45	20.4	6.9	96	33.7	184	72	-73	1.4	21.8	-3.0	-2.6	36.2	12	35	0.80	5.29	-0.04
															83	86	84	83	84	83	83	84	83	82	82	83	83	82	82	83	83	83	82	83	82
MOS 250038	99009839		MOS 180058		106	104	112	87	95	105	105	92	101	97	110	112	97	113	104	112	106	103	94	93	93	101	90	94	94	108	101	104	92	94	77
					83	81	80	80	80	74	81	80	75	80	37	-0.29	-1.2	41	16.8	7.3	87	27.2	56	19	-26	0.4	7.1	-5.6	0.5	36.4	-2	17	-0.15	-0.98	-2.03
															80	84	81	80	81	80	80	80	80	79	79	80	80	80	79	80	80	80	80	80	80
MOS 250048	99621229		MOS 170042		116										118														73						
					50										-0.90														15.2						
															57														17						
MOS 250050	99621245		MOS 190142		101										103														73						
					48										0.67														15.0						
															56														13						
MOS 250053	99621278		MOS 190077		81										85														73						
					48										2.55														15.0						
															56														13						
MOS 250054	99621286		MOS 180101		105										107														73						
					48										0.24														15.2						
															56														16						

Breeding Values and Accuracies: Cows & Heifers

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass		
ID	% Inbreeding	Genomic Parentage	Index EBV Acc	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	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																															
MOS 150014 97361943				106 26										105 0.42 24																				
MOS 160017 97361976				90 25										96 1.41 23												91 26.4 34								
MOS 160035 97362156				79 26										85 2.49 24												93 27.6 37								
MOS 160038 97362180				97 25										100 0.93 23												91 26.3 34								
MOS 160052 97362321				118 25										115 -0.60 23												91 26.3 34								
MOS 160061 97362412				107 26										102 0.80 24												88 24.7 37								
MOS 160062 97362420				105 26										109 0.07 24												94 28.3 37								
MOS 160071 97362537				114 35										111 -0.22 33												95 28.5 39								
MOS 160072 97362545				97 26										95 1.50 24												93 27.6 37								
MOS 160073 97362552				107 26										108 0.11 24												90 25.5 37								
MOS 160079 97362610				112 26										111 -0.18 24												91 26.4 34								
MOS 170007 97361877				87 26										94 1.62 24												97 30.0 33								

Breeding Values and Accuracies: Cows & Heifers

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass		
ID Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thickn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
			Sire ID Dam ID																															
MOS 170012 97361927				94 26										96 1.41 24													98 30.4 33							
MOS 170020 97362008				96 26										98 1.18 24														102 32.8 33						
MOS 170026 97362065				104 26										106 0.38 24														95 28.9 33						
MOS 170027 97362073				100 25										103 0.70 23														91 26.5 34						
MOS 170028 97362081				97 23										100 0.93 22														91 26.5 34						
MOS 170032 97362123				89 26										95 1.52 24														91 26.5 33						
MOS 170037 97362172				98 26										99 1.07 24														98 30.7 33						
MOS 170042 97362222				103 35										105 0.50 33														91 26.5 34						
MOS 170048 97362289				98 26										103 0.63 24														93 27.6 33						
MOS 170066 97362461				101 26										104 0.59 24														91 26.5 34						
MOS 170074 97362560				87 26										93 1.66 24														91 26.5 34						
MOS 170078 97362602				118 26										115 -0.57 24														88 24.2 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 Thicken	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
			Sire ID Dam ID																															
MOS 170080 97362628				97 26										99 1.07 24												92 26.9 33								
MOS 170086 97362487				107 25										108 0.14 23												91 26.5 34								
MOS 170117 97363931				112 26										111 -0.22 24												98 30.5 33								
MOS 170145 97363659				114 25										113 -0.34 23												91 26.5 33								
MOS 180004 97361844				101 26										101 0.90 24												95 28.9 33								
MOS 180006 97361869				107 26										106 0.37 24												97 29.7 33								
MOS 180015 97361950				89 25										95 1.46 23												91 26.5 29								
MOS 180018 97361984				107 26										108 0.18 24												91 26.5 29								
MOS 180031 97362115				99 26										102 0.79 24												96 29.2 33								
MOS 180043 97362230				91 35										96 1.38 33												91 26.5 34								
MOS 180054 97362347				107 26										105 0.43 24												93 27.3 33								
MOS 180058 97362388				108 26										109 0.05 24												98 30.5 33								

Breeding Values and Accuracies: Cows & Heifers

Value <80 Value >120

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Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass		
ID Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thickn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
			Sire ID Dam ID																															
MOS 180064 97362446				85 26											93 1.75 24										91 26.5 29									
MOS 180067 97362495				99 26											98 1.19 24										99 31.1 33									
MOS 180070 97362529				107 26											107 0.21 24										91 26.5 29									
MOS 180083 97362651				101 26											103 0.65 24										91 26.5 29									
MOS 180085 97362479				117 26											115 -0.57 24										91 26.5 29									
MOS 180095 97363717				90 26											96 1.39 24										91 26.5 33									
MOS 180101 97363774				103 25											105 0.46 23										91 26.5 33									
MOS 180102 97363782				99 26											98 1.24 24										92 26.8 33									
MOS 180112 97363881				96 26											91 1.90 24										92 26.8 33									
MOS 180116 97363923				101 26											103 0.66 24										99 31.1 33									
MOS 180124 97364004				111 23											110 -0.11 22										91 26.5 29									
MOS 180128 97363485				96 23											100 0.97 22										91 26.5 29									

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	% 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																															
MOS 180140				100										95													95							
97363600				26										1.47													28.9							
														24													33							
MOS 190002				112										110													90							
97361828				26										-0.07													25.9							
														24													27							
MOS 190022				99										102													91							
97362024				25										0.76													26.1							
														23													28							
MOS 190053				100										103													91							
97362339				26										0.71													26.1							
														24													28							
MOS 190057				99										102													91							
97362370				26										0.76													26.1							
														24													27							
MOS 190060				110										110													91							
97362404				25										-0.05													26.1							
														23													28							
MOS 190075				111										109													95							
97362578				26										0.08													28.6							
														24													27							
MOS 190077				88										94													91							
97362594				25										1.58													26.1							
														23													27							
MOS 190142				100										103													91							
97363626				25										0.67													26.1							
														23													27							
MOS 200005				98										101													91							
97361851				26										0.86													26.0							
														24													26							
MOS 200011				103										105													91							
97361919				26										0.49													26.0							
														24													21							
MOS 200047				84										92													91							
97362271				26										1.85													26.0							
														24													21							

Breeding Values and Accuracies: Cows & Heifers

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass		
ID Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thickn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
			Sire ID Dam ID																															
MOS 200049 97362297				104 26										105 0.42 24												90 25.9 25								
MOS 200087 97362677				93 25										98 1.21 23												90 25.9 25								
MOS 210113 97363899				109 26										103 0.63 24												96 29.2 20								
MOS 210114 97363907				100 26										102 0.79 24												98 30.5 20								
MOS 210118 97363949				109 25										109 0.03 23												92 26.6 20								
MOS 210133 97363535				91 26										92 1.83 24												98 30.7 20								
MOS 210139 97363592				90 25										96 1.43 23												92 26.6 20								
MOS 250005 99009532		 MOS 180054		106 85	97 83	88 83	102 83	88 82	87 77	91 83	94 82	86 78	106 82	97 19	105 0.49	106 -2.3	96 17	97 13.3	88 0.0	88 45	100 24.6	98 72	97 29	94 -27	96 0.1	97 10.9	91 -4.3	93 0.7	96 29.1	101 -2	104 17	108 1.45	111 1.74	98 -0.20
MOS 250008 99009565		 MOS 170048		97 85	99 83	115 83	99 83	129 82	119 77	102 83	106 82	117 78	107 82	93 15	100 0.99	91 -0.4	98 19	99 14.1	115 8.4	113 104	99 23.6	105 100	100 36	109 -51	105 0.6	83 2.9	132 -27.6	123 -4.6	97 29.6	122 14	110 22	104 1.13	120 3.28	121 1.69
MOS 250009 99009573		 MOS 210133		80 82	115 79	102 79	91 79	96 78	101 73	110 79	99 78	100 74	104 78	99 22	77 3.42	115 -3.6	108 34	115 23.0	102 4.3	111 100	107 30.9	99 74	79 -15	109 -51	94 0.0	110 18.8	86 -0.9	101 -0.7	108 36.5	104 0	105 18	105 1.23	98 -0.20	89 -1.03
MOS 250010 99009581		 MOS 180116		100 81	95 79	98 78	109 78	108 78	100 73	94 79	104 78	100 74	102 78	83 1	100 1.01	95 -0.9	90 7	95 12.5	98 3.1	99 72	94 19.9	107 107	83 -5	93 -25	100 0.3	94 9.0	92 -4.5	114 -3.1	110 37.8	86 -14	88 3	110 1.65	126 4.21	112 0.95
MOS 250011 99009599		 MOS 180006		107 83	103 80	112 80	93 80	114 79	117 74	107 80	100 79	114 75	102 79	103 27	106 0.36	107 -2.6	106 30	103 16.2	112 7.5	109 96	97 22.5	105 97	101 38	114 -59	113 1.1	106 16.6	107 -13.1	113 -2.9	104 34.2	126 17	123 34	123 2.99	87 -1.98	89 -0.98

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
MOS 250015 99009631		MOS 180031		96 85	110 83	102 82	92 82	75 81	93 76	108 83	103 82	93 77	110 82	108 35	97 1.27	99 -1.5	107 33	110 20.3	102 4.2	106 89	110 34.0	97 82	101 38	91 -22	100 0.3	73 -3.4	82 1.1	75 3.9	103 33.7	109 4	109 22	112 1.88	103 0.55	113 1.06
MOS 250021 99009698		MOS 170007		75 85	123 84	109 83	77 83	85 82	100 77	119 84	113 82	102 78	130 82	125 58	81 2.95	88 0.0	126 61	123 27.5	109 6.6	114 107	123 45.3	111 121	99 34	103 -42	111 1.0	98 11.4	73 6.3	95 0.3	106 35.4	108 3	121 32	124 3.09	127 4.27	102 0.12
MOS 250024 99009714		MOS 160035		71 83	134 80	103 80	71 79	85 79	104 74	129 80	112 79	106 75	132 79	134 69	64 4.68	82 0.8	136 76	134 33.1	103 4.7	113 104	130 51.7	114 133	86 1	108 -50	107 0.7	107 16.8	84 0.0	94 0.5	97 29.8	118 11	126 37	131 3.82	108 1.36	104 0.24
MOS 250025 99009722		MOS 170037		94 82	112 79	99 79	90 79	88 78	99 73	109 79	115 78	102 74	120 78	109 36	92 1.83	106 -2.4	110 37	112 21.5	99 3.3	105 85	115 38.2	109 114	114 69	103 -42	79 -0.9	94 9.5	88 -2.1	89 1.4	108 36.9	114 8	115 27	99 0.58	112 2.02	111 0.89
MOS 250031 99009789		MOS 180140		89 85	122 84	101 83	87 83	77 83	100 77	120 84	101 82	100 78	118 83	110 37	85 2.57	114 -3.4	114 43	122 26.5	101 4.0	112 103	114 37.3	106 101	94 21	105 -45	113 1.0	115 22.0	66 10.2	87 1.7	102 33.0	115 8	118 30	118 2.48	96 -0.54	112 0.99
MOS 250032 99009797		MOS 160073		106 85	87 83	106 82	96 82	71 82	73 76	83 83	91 82	74 77	97 82	103 28	111 -0.16	95 -0.9	103 26	87 7.9	106 5.4	91 52	93 18.2	100 79	82 -6	101 -38	117 1.3	100 13.0	76 4.3	84 2.2	89 25.3	110 5	102 16	85 -0.78	114 2.21	82 -1.61
MOS 250035 99009821		MOS 170026		108 83	103 81	88 81	116 81	95 80	103 75	106 81	77 80	97 76	90 80	82 -1	105 0.48	105 -2.3	85 1	103 16.7	88 0.0	101 75	90 16.2	79 0	82 -9	77 1	123 1.6	64 -9.0	84 0.3	104 -1.2	102 32.7	78 -20	77 -7	104 1.12	107 1.22	93 -0.68
MOS 250036 99893562		MOS 180043		81 51										84 2.60														73 15.2						
MOS 250037 99893570		MOS 180102		93 86	124 84	117 84	74 84	77 83	109 77	131 84	132 84	114 78	135 83	127 60	89 2.12	115 -3.5	131 67	124 27.6	117 8.9	117 115	125 47.5	124 169	99 33	115 -61	85 -0.5	90 6.7	72 7.1	88 1.5	94 28.0	133 23	126 37	123 3.00	114 2.30	118 1.44
MOS 250039 99009847		MOS 150014		104 82	99 79	122 79	91 79	118 78	118 73	106 79	103 78	116 74	113 78	101 25	105 0.48	104 -2.1	107 33	99 14.4	122 10.5	113 106	102 26.6	106 102	108 55	118 -66	91 -0.2	104 14.9	103 -11.1	118 -3.9	112 39.0	129 20	126 37	122 2.87	123 3.67	119 1.55
MOS 250040 99009854		MOS 160071		98 82	98 79	109 79	112 79	93 78	101 73	104 79	89 78	97 74	103 78	85 4	98 1.17	91 -0.4	87 2	98 13.7	109 6.6	114 108	97 22.6	86 27	102 40	81 -6	92 -0.1	88 5.5	97 -7.5	95 0.3	100 31.9	96 -6	95 9	95 0.16	113 2.12	112 0.98
MOS 250046 99621146		MOS 200087		89 48										92 1.80														72 14.9						

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 -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		
MOS 250049 99621237		MOS 210139		84 48										88 2.24 56													73 15.2 10									
MOS 250051 99621252		MOS 210118		115 48										116 -0.64 56													73 15.2 10									
MOS 250052 99621260		MOS 170145		123 48										123 -1.40 56													73 15.2 16									

Selection List on Cow Value

Bulls 2 years and older

ID	Name	Sire ID	Dam ID	Visual Score	% Inbreeding	Horned / Polled	Myostatin	Genomic test	Calving Ease Value	Calf Growth Value	Milk Value	Maint. Value	Fertility Value	Cow Value	Weaner Calf Value	Growth Value	Prod Value	Carcass Value														
Sorted on ID							Q204X nt821 F94L		Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc														
				Italics: DNA Test																												
									★★★★☆																							
1	AG 200266	AG200266	CEF 110362	AG 130038	7	1.4	0		93	73	106	73	103	63	118	60	89	47	103	60	111	70	84	42	98	56	93	42				
2	CEF 190712	CEF190712	LAR 160004	CEF 140043	7	1.2			97	70	113	70	108	58	83	56	82	42	100	56	113	66	118	63	104	57	116	64				
3	NFS 190128	NFS190128	LAR 150117	NFS 170030	6	1.6	HH(c)	0	0	0	🇬🇧		68	88	133	89	101	87	77	86	89	85	105	80	124	88	132	88	111	82	143	86
4	PEK 190034	PEK190034	PEK 120053	PEK 130050	6	0.6			96	67	111	67	92	56	86	53	108	41	105	54	103	63	122	64	109	56	122	61				
									★★★★																							
1	AG 210898	AG210898	AG 150422	AG 140467	8	2.9	0		83	71	109	71	93	57	88	53	106	41	95	56	96	66	92	30	93	51	91	32				
2	NFS 180405	NFS180405	GZV 150127	NFS 140130	7	0.7	HH(c)	0	0	0	🇬🇧		74	88	115	88	108	86	98	85	88	84	98	80	111	87	99	86	98	81	117	86
									★★★★☆																							
1	AG 200003	AG200003	AG 170019	AG 120198	7	3.4	0		95	71	100	71	109	56	104	52	71	39	87	55	103	66	87	30	85	50	99	29				

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											
							Italics: DNA Test				Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc

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 nI821 F94L	Genomic test	Calving Ease Value Acc	Calf Growth Value Acc	Milk Value Acc	Maint. Value Acc	Fertility Value Acc	Cow Value Acc	Weaner Calf Value Acc	Growth Value Acc	Prod Value Acc	Carcass Value Acc
1	MOS 250027	MOS250027	MOS 170117	0.0	HH(c)	0	0	0	🇬🇪								
1	MOS 250002	MOS250002	MOS 170020	0.0	HH(c)	0	0	0	🇬🇪								
2	MOS 250006	MOS250006	MOS 180067	0.0	Pp(c)	0	0	0	🇬🇪								
1	MOS 250014	MOS250014	MOS 190075	0.0	HH(c)	0	0	0	🇬🇪								
2	MOS 250026	MOS250026	MOS 190002	0.0	HH(c)	1	0	0	🇬🇪								
3	MOS 250034	MOS250034	MOS 170012	0.0	HH(c)	0	0	0	🇬🇪								
4	MOS 250038	MOS250038	MOS 180058	0.0	HH(c)	0	0	0	🇬🇪								
1	MOS 250004	MOS250004	MOS 210114	0.0	Pp(c)	0	0	0	🇬🇪								
2	MOS 250007	MOS250007	MOS 180004	0.0	HH(c)	0	0	0	🇬🇪								
3	MOS 250013	MOS250013	MOS 160061	0.0	HH(c)	0	0	0	🇬🇪								
4	MOS 250018	MOS250018	MOS 160072	0.0	HH(c)	0	0	0	🇬🇪								
5	MOS 250030	MOS250030	MOS 180112	0.0	HH(c)	1	0	0	🇬🇪								
6	MOS 250033	MOS250033	MOS 170078	0.0	HH(c)	0	0	0	🇬🇪								
1	MOS 250020	MOS250020	MOS 160062	0.0	Pp(c)	0	0	0	🇬🇪								
2	MOS 250023	MOS250023	MOS 170080	0.0	HH(c)	1	0	0	🇬🇪								
1	MOS 250003	MOS250003	MOS 210113	0.0	HH(c)	0	0	0	🇬🇪								

Selection List on Cow Value
Heifers younger than 2 years

ID	Name	Sire ID	Dam ID	Visual Score	% Inbreeding	Horned / Polled	Myostatin	Q204X	ni821	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								
						<i>Italics: DNA Test</i>					Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc								
												★★★★★																	
1	MOS 250008	MOS250008	MOS 170048	0.0	HH(c)	0	0	0		97	85	99	83	115	83	99	83	129	82	119	77	102	83	106	82	117	78	107	82
2	MOS 250011	MOS250011	MOS 180006	0.0	HH(c)	1	0	0		107	83	103	80	112	80	93	80	114	79	117	74	107	80	100	79	114	75	102	79
3	MOS 250039	MOS250039	MOS 150014	0.0	Pp(c)	0	0	0		104	82	99	79	122	79	91	79	118	78	118	73	106	79	103	78	116	74	113	78
												★★★★☆																	
1	MOS 250009	MOS250009	MOS 210133	0.0	Pp(c)	0	0	0		80	82	115	79	102	79	91	79	96	78	101	73	110	79	99	78	100	74	104	78
2	MOS 250010	MOS250010	MOS 180116	0.0	Pp(c)	0	0	2		100	81	95	79	98	78	109	78	108	78	100	73	94	79	104	78	100	74	102	78
3	MOS 250021	MOS250021	MOS 170007	0.0	HH(c)	1	0	0		75	85	123	84	109	83	77	83	85	82	100	77	119	84	113	82	102	78	130	82
4	MOS 250024	MOS250024	MOS 160035	0.0	HH(c)	1	0	0		71	83	134	80	103	80	71	79	85	79	104	74	129	80	112	79	106	75	132	79
5	MOS 250031	MOS250031	MOS 180140	0.0	Pp(c)	0	0	0		89	85	122	84	101	83	87	83	77	83	100	77	120	84	101	82	100	78	118	83
6	MOS 250035	MOS250035	MOS 170026	0.0	HH(c)	0	0	0		108	83	103	81	88	81	116	81	95	80	103	75	106	81	77	80	97	76	90	80
7	MOS 250037	MOS250037	MOS 180102	0.0	HH(c)	0	0	0		93	86	124	84	117	84	74	84	77	83	109	77	131	84	132	84	114	78	135	83
8	MOS 250040	MOS250040	MOS 160071	0.0	HH(c)	1	0	0		98	82	98	79	109	79	112	79	93	78	101	73	104	79	89	78	97	74	103	78
												★★★★★																	
1	MOS 250015	MOS250015	MOS 180031	0.0	HH(c)	1	0	0		96	85	110	83	102	82	92	82	75	81	93	76	108	83	103	82	93	77	110	82
2	MOS 250025	MOS250025	MOS 170037	0.0	HH(c)	0	0	0		94	82	112	79	99	79	90	79	88	78	99	73	109	79	115	78	102	74	120	78
												★★★★☆																	
1	MOS 250005	MOS250005	MOS 180054	0.0	HH(c)	0	0	0		106	85	97	83	88	83	102	83	88	82	87	77	91	83	94	82	86	78	106	82
												★★★★																	
1	MOS 250032	MOS250032	MOS 160073	0.0	HH(c)	0	0	0		106	85	87	83	106	82	96	82	71	82	73	76	83	83	91	82	74	77	97	82

