

BONSMARA

GENOMIC BREEDING VALUE REPORT

September 2026



ONNEILE PUDI BONSMARA

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EBVs, EBVi's and GEBVs

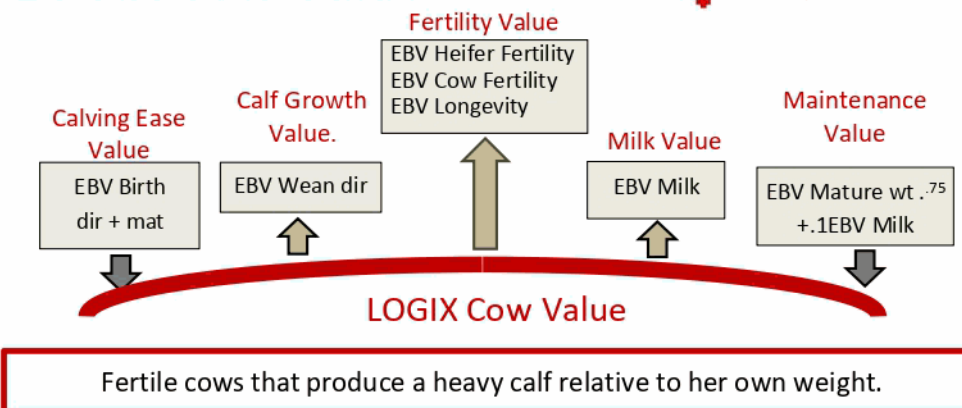
EBVi (Breeding Value Index): Genetic potential relative to the average (100) of the live (active) animals in the breed. Roughly 50% of the animals have values between 90 and 110. Values above 100, depending on the trait, tend to be in the more favourable direction.

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

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

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

LOGIX Cow Value



Selection Values

LOGIX Cow Value



Selecting for:

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

LOGIX Growth Value



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

How to use the Cow Value

Selection values should be compatible with your selection goal.

AVERAGE ANIMALS

(NO GROWTH EXTREMES)

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

GROWERS

(GOOD ENVIRONMENT)

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

LOW- MAINTENANCE ANIMALS

(HARSH ENVIRONMENT)

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

LOGIX Weaner Calf Value



Select for:

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

LOGIX Carcass Value



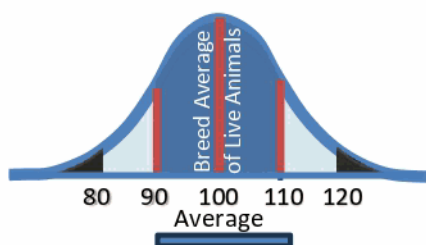
Select for more meat on the carcass as measured from end weight in Phase C and D Growth Tests and RTU scanning.

LOGIX Production Value



80% LOGIX Cow Value +
20% LOGIX Growth Value

Interpretation of EBVi and Selection Values

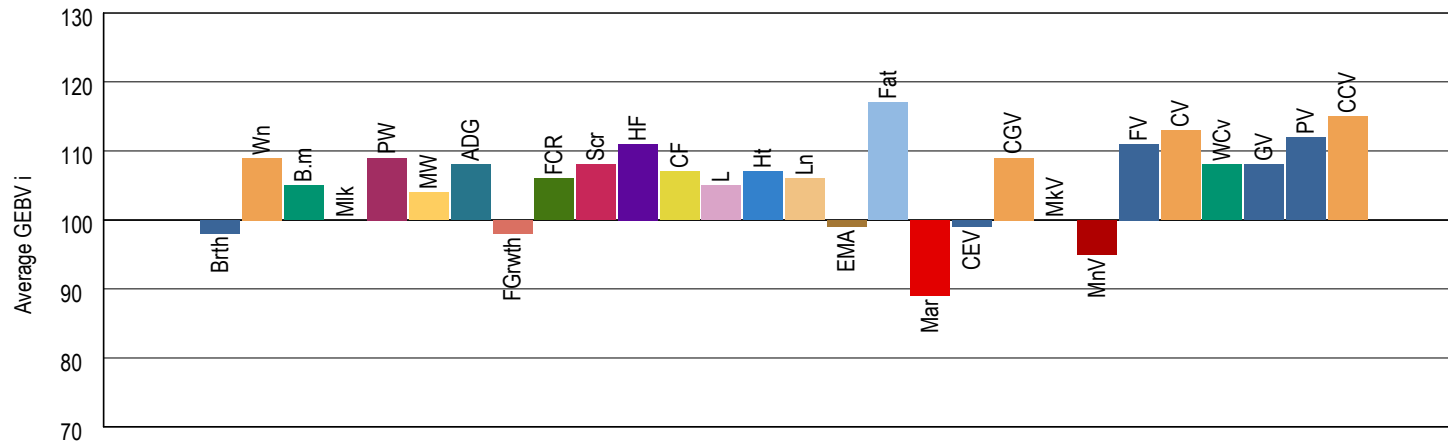


Examples

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

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

Herd and Breed Averages



Genomic Breeding Values (GEBVs):

Brth:	Birth weight	Scr:	Scrotal circumf.
Wn:	Weaning weight	HF:	Heifer Fertility
B.m:	Birth maternal	CF:	Cow Fertility
Mlk:	Milk	LL:	Longevity
PW:	Post-wean weight	Ht:	Height
MW:	Mature weight	Ln:	Length
ADG:	Average Daily Gain	EMA:	Eye Muscle
FGwrth	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	1.16	98	0.98
	Wean Weight	19.8	109	14.9
	Birth Mat.	-0.55	105	-0.28
	Milk (Wn.Mat.)	3.6	100	3.7
Postwean Growth	Postwean Wt	33	109	25
	Mature Weight	28	104	22
	ADG	110	108	79
	VeldGrowth	31	98	35
	FCR	-47	106	-37
Fertility	Scrotal Circumf.	17	108	13
	Heifer Fertility	-15.5	111	-9.1
	Cow Fertility	-1.81	107	-0.56
	Longevity	35.1	105	31.8
Frame	Height	2.4	107	-3.1
	Length	19.0	106	13.6
Carcass	EMA	0.594	99	0.683
	Fat	2.730	117	0.055
	Marbling	-0.982	89	-0.056

Selection Value	Ave. Herd
Calving Ease	99
Calf Growth	109
Milk	100
Maintenance	95
Fertility	111
Cow Value	113
Weaner Calf Value	108
Growth Value	108
Production Value	112
Carcass Value	115

- 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 2010 and earlier

Total:

130
120
110
100
90
80
70

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

130
120
110
100
90
80
70

Bull calves

Bulls born in 2010

Total:

130
120
110
100
90
80
70

130
120
110
100
90
80
70

Cow Herd

Cows born in 2010 and earlier

Total:

Cows older than 6 years

Cows born in 2010 and earlier

Total:

Heifer calves

Heifers born in 2010

Total:

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:																						
Cows in Herd Average:																									

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		Dir EBV	Calv. Ease	Weaning Weight		Calf Growth	Milk (Wn.Mat.)		Milk	Postwean Weight		Mature Weight		Mainte- nance	Heifer Fert.		Cow Fert.		Longevity		Ferti- lity	
	Number	EBV			Number	EBV		Number	EBV		Number	EBV	Number	EBV		Number	EBV	Number	EBV	Number	EBV		

Breed

Birth Year	Calving Ease				Calf Growth			Milk			Maintenance				Fertility						Cow Value			
	Birth Weight		Mat EBV	Calv. Ease	Weaning Weight		Calf Growth	Milk (Wn.Mat.)		Milk	Postwean Weight		Mature Weight		Maintenance	Heifer Fert.		Cow Fert.		Longevity		Fertility		
	Number	Dir EBV			Number	EBV		Number	EBV		Number	EBV	Number	EBV		Number	EBV	Number	EBV	Number			EBV	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			

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

Sires

Bull			Selection Values									Birth			Wean				Grwth & Adaptation					Fertility				Raam		Carcass			Progeny		
Index EBV Acc	Genomic	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Weaner Calf V	Growth Value	Prod. Value	Carcass V	Cow wt brth	Birth wt	Cow-Calf birth	Cow wt wean	Wean wt	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling	Nr measured	
ID Comp.nr																																		Birth	Wean
CRV 180033 86844313		CRV 130440	83	117	110	91	58	89	118	118	93	120	112	62	100	108	117	110	119	113	124	100	118	113	96	70	58	107	102	112	110	88	114	21	21
		CRV 140198	92	93	89	89	88	83	92	88	84	88	39	4.99	-1.6	34	24.3	6.7	120	37.0	171	36	-67	1.07	10.3	8.2	6.9	36.0	-1	24.0	1.69	-1.76	1.10	2	3
GJN 170124 86274172		AG 140092	77	114	110	94	67	88	112	93	87	103	105	73	82	104	114	110	119	105	94	124	90	122	116	55	90	89	98	89	115	119	83	49	36
		GJN 100054	95	95	91	91	90	86	94	90	87	90	30	3.85	0.8	28	22.3	6.9	119	29.5	58	93	-21	1.52	22.3	16.4	1.3	25.5	-5	3.7	2.22	3.10	-1.49	2	6
MDS 140015 79199584		LEO 090109	120	93	118	88	145	130	100	114	129	117	97	116	124	111	93	118	102	103	111	123	113	103	112	141	141	96	100	108	84	127	103	33	32
		DBT 050115	86	89	72	67	53	70	83	50	66	16	19	-0.68	-4.8	39	11.0	9.1	78	27.7	120	92	-58	0.48	20.1	-32.6	-7.8	29.7	-3	20.3	-0.95	4.35	0.21	10	6
MDS 180017 87082566		OB 120129	104	95	81	92	126	97	80	106	98	102	99	107	99	109	95	81	76	96	99	100	96	94	117	131	121	100	88	87	88	115	94	3	3
		MDS 120051	72	74	57	54	40	57	68	50	56	16	23	0.21	-1.4	35	12.5	-2.2	15	21.6	75	35	-31	-0.03	22.9	-26.8	-4.3	31.7	-13	1.7	-0.55	2.37	-0.54	3	
ZEF 150005 81790719		FCT 120033	121	109	80	96	138	128	105	90	122	105	107	122	142	104	109	80	89	103	87	90	90	91	89	126	132	112	109	109	111	108	53	27	25
		ZEF 130002	86	87	72	66	54	70	81	67	69	65	33	-1.28	-7.3	27	19.6	-2.5	47	27.6	31	12	-20	-0.19	6.3	-24.2	-6.3	39.2	4	21.7	1.74	1.26	-4.01	7	6
ZEF 170116 86180395		VV 120139	94	127	110	91	115	136	134	140	140	145	118	95	100	108	127	110	128	134	145	106	152	86	147	131	102	97	126	132	115	125	116	44	42
		ZEF 140198	87	91	73	73	59	73	85	78	74	77	48	1.54	-1.6	34	29.3	6.9	141	55.0	249	51	-122	-0.43	41.0	-26.9	-0.9	30.0	17	41.8	2.20	4.07	1.31	10	6
ZEF 170139 86181203		VV 120139	85	129	96	89	105	119	124	124	121	134	119	90	87	112	129	96	116	130	121	107	115	74	97	124	93	97	111	121	108	95	133	58	53
		VV 110387	90	92	78	76	60	75	87	70	74	81	49	1.99	0.2	39	30.2	2.4	111	51.6	157	53	-62	-1.11	10.7	-22.7	0.8	30.3	5	31.9	1.43	-0.74	2.73	17	8
ZEF 180005 86988060		ZEF 150005	114	104	93	90	125	117	101	108	116	118	112	113	113	111	104	93	93	107	102	93	100	105	88	123	120	104	112	114	114	123	60	12	12
		ZEF 150064	77	82	56	50	41	60	72	57	59	47	40	-0.37	-3.3	38	17.1	1.5	55	31.0	86	19	-36	0.62	5.8	-22.1	-4.1	34.3	6	25.8	2.05	3.61	-3.42	2	

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																
202101 D11 M MOALOSI BONSMARA		0689633BON																	
		MDS 200041	MDS 180017	108	94	99	93	98	93	142	97	106	105	88	104	93	122	107	109
		91353409	MDS 170083	79	87	86	85	87	86	88	82	85	82	82	84	-0.04	3.51	0.53	83
		MDS 200062	MDS 140015	113	90	106	105	104	100	92	99	110	112	113	117	88	138	108	117
		91386714	VVV 120055	81	90	88	88	89	88	89	85	88	85	85	86	-0.50	6.02	0.65	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 -birth	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
ZEF 170077 86180148			ZEF 150005 ZEF 150075		90 96	132 96	67 95	91 95	148 93	135 88	117 96	102 94	130 89	114 94	113 41	91 1.97	126 -5.1	111 38	132 32.0	67 -6.4	96 64	124 46.7	103 91	94 21	103 -41	111 0.9	96 10.5	129 -25.8	144 -8.4	114 40.0	110 5	117 29	124 3.11	97 -0.42	53 -4.01
MDS 200041 91353409	1		MDS 180017 MDS 170083		118 87	94 87	100 85	93 85	118 83	108 79	93 86	104 84	107 80	109 83	98 21	117 -0.78	114 -3.5	107 32	94 11.5	100 3.7	91 51	96 21.6	106 102	88 6	105 -44	100 0.3	142 37.9	113 -16.5	117 -3.5	105 35.0	98 -5	93 8	93 -0.04	122 3.51	107 0.53
MDS 200062 91386714	4		MDS 140015 VVVV 120055		113 89	90 90	113 88	91 87	126 86	113 81	93 89	117 86	114 82	117 85	94 15	112 -0.25	114 -3.4	108 33	90 9.5	113 7.8	98 69	101 25.6	110 117	113 67	112 -57	108 0.7	92 8.3	121 -21.2	125 -4.9	103 33.7	104 0	105 18	88 -0.50	138 6.02	108 0.65
ZEF 200108 90998642	4		ZEF 170139 VV 160516		86 69	121 71	102 56	98 52	105 38	117 55	121 66	116 48	118 54	116 61	103 28	90 2.02	84 0.6	100 22	121 26.1	102 4.2	121 123	115 38.4	116 140	85 -1	113 -59	94 0.0	107 17.1	133 -27.6	86 2.0	98 30.6	105 0	110 22	79 -1.40	112 1.95	53 -4.01
ZEF 200255 91876060	2		ZEF 170116 ZEF 160171		114 69	106 71	105 56	99 53	99 39	114 55	113 66	128 54	118 55	130 62	103 28	111 -0.17	114 -3.5	100 21	106 18.2	105 5.1	110 97	114 37.5	133 204	103 43	134 -93	111 0.9	143 38.1	108 -13.5	93 0.7	100 31.6	129 20	121 32	89 -0.46	128 4.46	116 1.32
AG 210539 92546373	3		GJN 170124 AG 170853		77 69	112 70	113 51	98 51	82 37	95 54	111 64	85 33	92 50	96 38	101 25	77 3.38	81 1.0	100 22	112 21.3	113 7.6	122 127	104 28.4	87 31	96 26	82 -8	91 -0.2	93 8.4	76 4.6	90 1.2	101 32.2	99 -4	89 4	102 0.92	104 0.68	89 -0.96
MDS 210010 91905406	1		ZEF 180005 MDS 190018		109 66	102 69	102 48	91 45	121 31	115 51	101 62	103 58	113 52	123 52	105 30	111 -0.13	105 -2.2	108 34	102 16.2	102 4.3	99 71	106 30.4	95 59	109 57	92 -24	109 0.8	79 0.5	119 -20.0	116 -3.4	107 36.3	110 5	106 19	107 1.40	126 4.14	102 0.13
ZEF 210139 92888171	1		CRV 180033 ZEF 150075		84 68	117 69	96 53	101 51	92 37	103 53	114 64	111 35	104 49	114 42	98 21	78 3.22	100 -1.5	97 18	117 23.9	96 2.6	114 107	113 36.9	114 132	97 29	110 -54	127 1.8	108 17.4	92 -4.3	87 1.7	115 41.2	102 -1	106 19	110 1.72	109 1.49	83 -1.51

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	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
			EBV																															
Animal no			Acc																															

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										
												★★★★★																			
1	ZEF 170077	ZEF 170077	ZEF 150005	ZEF 150075	8	0.4	HH(c)	0	0	0		90	96	132	96	67	95	91	95	148	93	135	88	117	96	102	94	130	89	114	94
												★★★★★																			
1	MDS 200062	MDS 200062	MDS 140015	WVW 120055	8	3.8	HH(c)	0	0	0		113	89	90	90	113	88	91	87	126	86	113	81	93	89	117	86	114	82	117	85
2	MDS 210010	MDS 210010	ZEF 180005	MDS 190018	7	0.9		0	0	0		109	66	102	69	102	48	91	45	121	31	115	51	101	62	103	58	113	52	123	52
3	ZEF 200108	ZEF 200108	ZEF 170139	VV 160516	8	4.4		0	0	0		86	69	121	71	102	56	98	52	105	38	117	55	121	66	116	48	118	54	116	61
4	ZEF 200255	ZEF 200255	ZEF 170116	ZEF 160171	7	1.9		0	0	0		114	69	106	71	105	56	99	53	99	39	114	55	113	66	128	54	118	55	130	62
												★★★★☆																			
1	MDS 200041	MDS 200041	MDS 180017	MDS 170083	6	1.0	HH(c)	0	0	0		118	87	94	87	100	85	93	85	118	83	108	79	93	86	104	84	107	80	109	83
2	ZEF 210139	ZEF 210139	CRV 180033	ZEF 150075	6	0.6		1	0	0		84	68	117	69	96	53	101	51	92	37	103	53	114	64	111	35	104	49	114	42
												★★★★																			
1	AG 210539	AG210539	GJN 170124	AG 170853	8	2.9		1				77	69	112	70	113	51	98	51	82	37	95	54	111	64	85	33	92	50	96	38

