

BONSMARA

GENOMIC BREEDING VALUE REPORT

September 2026



WOOD BASKET PTY LTD

Herd Number: 576807

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EBVs, EBVi's and GEBVs

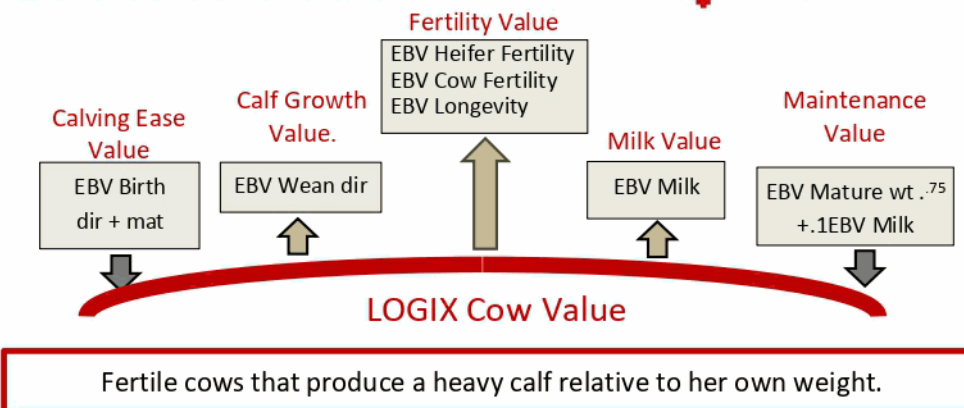
EBVi (Breeding Value Index): Genetic potential relative to the average (100) of the live (active) animals in the breed. Roughly 50% of the animals have values between 90 and 110. Values above 100, depending on the trait, tend to be in the more favourable direction.

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



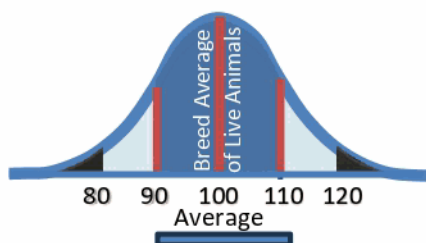
Select for more meat on the carcass as measured from end weight in Phase C and D Growth Tests and RTU scanning.

LOGIX Production Value



80% LOGIX Cow Value +
20% LOGIX Growth Value

Interpretation of EBVi and Selection Values

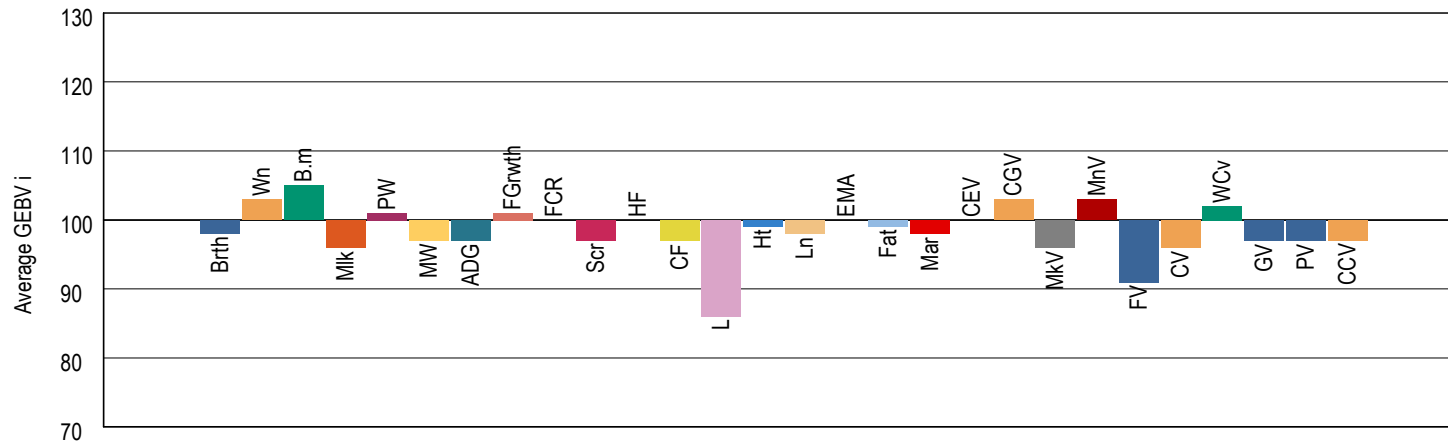


Examples

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
	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
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	1.17	98	0.98
	Wean Weight	16.5	103	14.9
	Birth Mat.	-0.51	105	-0.28
	Milk (Wn.Mat.)	2.5	96	3.7
Postwean Growth	Postwean Wt	26	101	25
	Mature Weight	18	97	22
	ADG	67	97	79
	VeldGrowth	39	101	35
	FCR	-36	100	-37
Fertility	Scrotal Circumf.	11	97	13
	Heifer Fertility	-8.9	100	-9.1
	Cow Fertility	-0.06	97	-0.56
	Longevity	23.4	86	31.8
Frame	Height	-4.1	99	-3.1
	Length	12.2	98	13.6
Carcass	EMA	0.710	100	0.683
	Fat	-0.132	99	0.055
	Marbling	-0.239	98	-0.056

Selection Value	Ave. Herd
Calving Ease	100
Calf Growth	103
Milk	96
Maintenance	103
Fertility	91
Cow Value	96
Weaner Calf Value	102
Growth Value	97
Production Value	97
Carcass Value	97

- 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

130
120
110
100
90
80
70

Cow Herd

Cows born in 2015 and earlier

Total:

Cows older than 6 years

Cows born in 2015 and earlier

Total:

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 2015

Total:

130
120
110
100
90
80
70

130
120
110
100
90
80
70

Heifer calves

Heifers born in 2015

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

Breed

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

Genetic Trends for Growth Test and Carcass Traits

Herd

Birth Year	Growth												Frame						Carcass						Selection Values			
	FCR			ADG			Veld Growth			Scrotum			Height			Length			EMA			Fat		Marbling		Carcass Value	Growth Value	Prod Value
	Number	EBV	EBVi	Number	EBV	EBVi	Number	EBV	EBVi	Number	EBV	EBVi	Number	EBV	EBVi	Number	EBV	EBVi	RTU Number	EBV	EBVi	EBV	EBVi	EBV	EBVi			

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	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)
AG 080210 67147173		HJS 030016 BZ 020158		109	80	113	150	52	80	99	89	79	85	60	114	48	50	80	113	132	78	89	85	72	105	106	67	67	80	71	55	90	96	111	132	117
				98	98	96	96	94	89	97	94	90	94	-31	-0.49	5.4	-51	4.5	7.6	150	5.2	39	-1	10	0.60	16.2	9.5	5.3	19.7	-26	-26.3	-0.33	-0.57	0.88	6	17
AG 110192 74116575		VV 070012 AG 030031		81	114	75	109	119	105	102	92	101	112	94	79	108	90	114	75	97	113	90	108	86	145	147	131	101	107	75	88	93	131	110	125	119
				96	96	93	92	77	84	95	65	80	62	16	3.13	-2.7	8	22.7	-4.1	65	36.4	41	55	-14	2.80	41.0	-26.8	-0.7	36.4	-23	3.1	-0.01	4.89	0.80	9	48
CEF 100304 70587365		CEF 080025 CEF 070151		108	89	93	137	85	92	97	93	91	82	63	107	89	67	89	93	103	84	95	84	85	92	53	100	83	93	70	71	101	95	78	739	633
				99	99	99	99	97	91	99	98	92	98	-26	0.29	-0.1	-26	9.1	1.6	80	10.3	59	-3	-12	-0.10	-15.4	-9.1	2.5	27.6	-27	-12.3	0.75	-0.66	-1.90	210	154
CEF 110301 72718067		CEF 080338 CEF 080218		102	125	67	88	92	102	113	143	111	123	108	97	117	114	125	67	89	126	144	85	139	83	109	106	89	89	112	131	126	80	81	275	248
				99	98	97	97	95	90	98	96	91	96	34	1.27	-3.8	43	28.5	-6.4	46	48.5	246	-1	-101	-0.63	17.9	-12.8	1.3	25.5	7	41.3	3.25	-3.16	-1.63	104	62
CEF 130322 77370716		CEF 100412 CEF 100170		102	98	89	100	117	102	91	121	106	104	97	105	95	99	98	89	90	109	123	92	119	113	89	125	112	96	119	117	100	85	107	13	11
				83	83	72	70	57	69	79	66	68	69	19	0.47	-0.9	20	14.0	0.4	48	33.1	164	17	-68	1.02	6.5	-23.4	-2.8	29.5	12	28.7	0.66	-2.31	0.51	4	2
CEF 130548 78700523		GJN 100238 CEF 110046		113	119	122	111	120	153	145	111	149	127	87	109	110	87	119	122	148	126	112	109	103	106	95	139	100	110	90	114	140	104	106	282	246
				99	99	98	98	97	90	99	98	92	98	6	0.07	-2.9	3	25.3	10.5	190	47.7	124	58	-42	0.66	9.7	-31.5	-0.5	37.9	-11	25.7	4.70	0.75	0.49	113	79
DKN 090345 70987144		GJN 030098 DKN 040054		111	108	89	90	47	76	104	118	82	116	104	107	118	110	108	89	93	110	121	87	107	99	97	36	84	77	108	101	121	137	99	149	120
				96	96	92	91	75	83	95	92	85	90	29	0.29	-3.9	37	19.3	0.4	57	34.0	157	5	-49	0.25	11.2	27.7	2.2	18.2	3	14.6	2.82	5.86	-0.14	45	34
LPS 040144 61076121		HDE 000089 LPS 990048		91	103	95	100	98	94	96	116	98	113	103	94	87	98	103	95	100	101	116	92	110	112	92	93	117	78	111	104	148	100	97	208	181
				97	98	95	95	91	88	97	94	89	92	27	1.58	0.2	19	16.8	2.1	72	25.9	139	17	-53	0.97	8.2	-5.3	-3.5	18.7	5	17.1	5.44	0.03	-0.33	72	48
PAD 130004 79064218		AG 090762 PAD 070015		101	107	99	96	65	86	107	97	86	92	101	97	110	103	107	99	104	104	103	119	123	101	101	77	82	75	103	104	104	94	95	15	9
				84	81	72	60	57	67	77	40	62	52	25	1.29	-2.9	27	18.8	3.4	83	29.0	90	81	-74	0.39	13.4	3.8	2.6	16.6	-1	17.0	1.09	-0.95	-0.46	3	15
SYF 100072 70848015		LAR 060141 SYF 070209		105	116	51	101	118	104	98	101	103	100	101	101	111	100	116	51	73	110	104	98	105	49	77	125	110	103	93	96	110	74	109	309	279
				98	98	97	96	84	87	98	68	83	93	24	0.87	-3.1	21	23.7	-11.4	9	34.1	95	30	-45	-2.53	-0.8	-23.2	-2.3	33.5	-8	9.8	1.73	-4.03	0.71	132	81
TNS 160191 84676857		ADV 110336 TNS 080101		91	97	91	103	79	76	89	87	75	88	100	86	103	95	97	91	92	92	83	101	98	93	98	77	92	88	78	85	89	89	103	11	8
				92	92	90	90	88	83	91	88	84	87	24	2.49	-2.0	15	13.4	0.9	53	17.7	14	38	-34	-0.05	11.8	3.9	0.9	24.6	-21	0.5	-0.39	-1.65	0.18	3	3
VV 140148 79629275		VV 110327 VV 100403		82	113	103	99	123	117	110	111	116	112	102	81	116	99	113	103	115	110	112	87	102	136	74	128	111	107	97	116	91	107	92	29	24
				86	87	72	68	53	70	82	64	69	52	26	2.93	-3.7	21	21.8	4.6	110	33.8	126	5	-40	2.32	-2.5	-24.8	-2.6	36.3	-6	27.8	-0.25	1.22	-0.74	10	3
VV 140310 80323124		VV 120139 VV 080375		110	126	117	77	102	136	139	135	139	150	135	116	104	126	126	117	122	142	130	114	127	82	136	130	75	104	115	135	129	119	128	22	19
				85	86	71	69	57	70	81	61	68	52	70	-0.73	-2.2	60	29.1	9.0	127	62.8	194	70	-81	-0.68	34.1	-25.9	3.8	34.2	9	44.5	3.56	3.12	2.33	4	2
VV 140338 80323264		VV 120139 VV 010207		93	127	103	94	106	127	131	95	122	106	110	91	103	105	127	103	124	119	103	96	122	105	147	107	104	100	89	106	131	106	74	53	36
				90	91	79	77	64	75	87	70	74	68	37	1.91	-2.0	29	29.2	4.6	131	77	91	79	82	85	80	41	56	89	88	64	43	86	65	71	66

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		
Comp.nr																																				Birth	Wean
VV 140510			VV 120139	103	134	104	82	106	137	142	142	142	140	128	100	115	120	134	104	122	139	134	125	133	73	119	127	89	97	123	131	125	111	110	34	32	
80577356			VV 070078	86	89	71	68	59	71	83	68	70	60	61	0.97	-3.6	52	33.2	4.8	125	59.7	206	96	-91	-1.16	24.4	-24.8	1.4	29.9	15	41.2	3.15	1.73	0.80	5	1	1
														65	91	75	68	89	71	76	86	74	90	57	91	89	58	39	79	88	84	58	61	58			

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
201513 C32 M		0378288MIX																	
SERNICK BONSMARA		CEF 150320	CEF 130322	95	95	96	102	108	90	104	122	96	111	103	99	96	91	98	92
STOET		81465692	CEF 120229	55	70	22	16	3	1.13	15.0	0.03	65	-55	44	62	0.31	-1.36	-0.25	
						65	60	69	64	71	59	59	59	16		42	46	42	44
201603 D21 M		0500144MIX																	
SYFERFONTEIN		SYF 150238	SYF 100072	98	99	82	82	69	129	94	129	76	87	93	75	100	106	104	92
BOERDERY		82532854	SYF 110244	83	92	10	-3	-28	1.24	8.9	-0.11	-10	-16	19	88	0.73	1.03	0.24	
						90	90	91	90	91	86	89	86	86		89	90	89	90
201701 C32 M		0378288MIX																	
SERNICK BONSMARA		NFS 160035	DKN 090345	85	115	117	120	127	84	120	96	130	136	114	121	113	120	108	118
STOET		84042431	NFS 130077	60	73	41	31	19	1.11	24.8	0.50	191	-95	69	68	2.00	3.17	0.65	
						69	65	72	68	74	67	64	67	19		63	69	63	66
201902 D11 M		0357748BON																	
SCHEEPERS		CEF 180505	CEF 130548	136	131	132	118	106	115	115	89	110	104	125	115	137	126	144	140
		87546586	CEF 130006	90	99	55	30	2	1.20	21.9	0.62	117	-43	97	98	4.33	4.10	3.65	
						98	98	98	98	98	97	98	97	96	98	97	98	97	98

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 Thicken	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
AG 130147	78284304	2	AG 080210	AG 100156			90	101	108	127	41	76	110	106	80	106	79	92	73	77	101	108	124	96	104	96	91	91	108	46	57	92	93	87	122	87	109
							93	93	81	80	64	77	89	50	72	56	-5	1.81	2.1	-12	15.5	6.1	131	21.5	96	25	-22	-0.2	17.4	21.6	7.0	26.9	-9	3	2.87	-1.96	0.69
																	79	96	85	80	93	81	85	90	66	45	31	75	73	66	39	86	72	67	54	59	54
CEF 150320	81465692	1	CEF 130322	CEF 120229			110	95	89	105	100	95	91	99	95	92	91	113	98	93	95	89	89	99	96	103	111	106	104	114	94	97	108	102	96	91	98
							69	70	56	51	39	55	65	62	56	44	12	-0.33	-1.3	12	12.5	0.2	47	23.9	65	44	-55	0.7	15.0	-16.9	0.6	30.1	3	16	0.31	-1.36	-0.25
																	51	73	59	51	70	56	59	62	59	16	59	75	71	40	24	53	69	60	42	46	42
CEF 150331	81465627	1	CEF 100304	CEF 040020			122	88	94	109	85	90	91	99	90	87	87	120	115	90	88	94	89	87	102	90	101	93	73	100	87	86	98	90	93	91	88
							73	63	65	62	51	58	65	50	56	54	6	-1.08	-3.6	7	8.7	2.0	47	13.8	85	12	-39	-0.1	-3.6	-8.9	1.8	23.7	-5	5	-0.06	-1.35	-1.09
																	62	75	67	62	63	65	63	62	56	36	42	59	58	54	39	60	58	56	53	55	53
CEF 150332	81465619	4	CEF 110301	CEF 040168			107	108	74	83	97	90	95	132	98	110	117	101	121	121	108	74	77	112	133	96	135	81	107	98	111	80	118	124	110	82	91
							72	63	63	61	50	57	64	52	56	56	46	0.82	-4.4	53	19.3	-4.2	19	35.9	205	27	-94	-0.8	17.0	-7.7	-2.4	19.6	11	35	1.69	-2.82	-0.81
																	61	75	66	61	63	63	62	61	57	35	45	60	60	53	36	60	59	57	55	57	55
SYF 150238	82532854	4	SYF 100072	SYF 110244			125	99	66	116	98	98	95	75	92	92	90	122	115	86	99	66	76	95	76	93	87	49	94	113	92	98	69	82	100	106	104
							92	92	90	89	88	83	91	88	84	90	10	-1.29	-3.6	1	14.6	-6.6	16	20.8	-10	19	-16	-2.5	8.9	-16.3	0.8	30.9	-28	-3	0.73	1.03	0.24
																	89	93	90	89	92	90	90	91	89	86	86	92	91	88	86	90	91	90	89	90	89
NFS 160035	84042431	2	DKN 090345	NFS 130077			93	115	92	81	69	85	107	121	91	118	119	94	104	122	115	92	96	116	130	114	136	108	120	64	85	95	127	120	113	120	108
							73	73	63	59	48	60	69	68	62	66	48	1.59	-2.1	55	23.2	1.2	64	39.0	191	69	-95	0.8	24.8	11.4	2.0	28.8	19	31	2.00	3.17	0.65
																	59	76	65	59	73	63	65	64	64	19	67	77	74	49	32	62	72	65	63	69	63
PAD 160170	85230761		PAD 070033				99	93	103	105	96	92	92	82	88	83	96	100	95	93	93	103	100	90	87	90	87	97	85	107	108	73	93	89	92	85	93
							62	40	42	33	32	39	43	26	36	27	18	1.02	-0.9	12	11.3	4.6	73	16.4	30	11	-15	0.1	3.8	-13.0	-2.0	15.3	-9	3	-0.11	-2.24	-0.61
																	29	67	47	33	40	42	38	38	30	21	21	32	31	33	26	37	31	30	27	27	27
PAD 160229	85266369		PAD 080087				89	94	98	107	87	80	88	75	76	78	94	89	88	91	94	98	97	89	80	101	83	95	87	95	104	66	96	88	83	86	93
							61	40	41	33	30	38	43	25	35	24	15	2.10	0.0	9	11.6	3.0	65	15.2	4	39	-9	0.0	4.9	-6.4	-1.3	11.3	-6	3	-0.98	-2.14	-0.62
																	31	67	46	33	40	41	38	38	29	19	21	31	30	31	23	37	30	29	24	25	24
PAD 160246	85266476		LEL 040040				91	94	105	101	93	86	90	79	82	84	99	89	99	97	94	105	100	90	82	91	83	94	83	96	114	68	105	94	87	95	92
							62	40	43	33	28	38	43	22	35	14	22	2.18	-1.4	17	11.6	5.2	73	15.7	10	13	-8	0.0	2.4	-7.0	-3.1	12.5	1	9	-0.63	-0.75	-0.70
																	31	67	47	33	40	43	39	39	27	14	15	30	29	26	20	37	29	27	13	14	13
PAD 160292	85266823		PAD 120160				85	94	95	114	92	82	88			79	90	86	80	86	94	95	98	92	82	107	83	98	85	97	112	67	93	87	77	95	95
							59	35	31	23	24	32	36			12	9	2.47	1.2	1	11.8	2.3	68	17.7	12	52	-8	0.2	4.0	-7.6	-2.7	11.7	-9	2	-1.62	-0.81	-0.44
																	21	66	40	23	35	31	30	32	17	12	11	18	18	25	15	31	18	17	12	13	12
VV 160219	84319177	2	VV 140510	VV 030221			105	125	95	89	110	128	127	121	129	124	115	101	122	112	125	95	111	122	121	103	116	81	105	123	104	92	114	120	104	118	106
							70	71	57	53	43	56	66	42	53	34	43	0.86	-4.5	39	28.1	2.1	101	44.9	158	44	-63	-0.7	15.7	-22.1	-1.3	26.8	8	31	1.05	2.86	0.47
																	52	74	60	53	71	57	60	58	47	35	56	55	43	30	57	54	51	33	36	33	
VV 160349	84378850	4	VV 140310	VV 050046			100	120	107	84	100	118	122	113	118	125	123	103	101	117	120	107	114	124	111	98	112	102	108	117	88	98	111	120	112	111	112
							69	70	56	52	41	55	65	38	52	28	54	0.67	-1.7	47	25.5	5.8	106	46.2	120	30	-56	0.4	17.8	-19.0	1.6	30.9	5	31	1.91	1.85	0.97
																	52	73	59	52	70	56	59	54	46	21	26	53	52	40	27	55	51	47	28	29	28

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	
																																				Sire ID
VV 160377	84379122	4	VV 140148 VV 060339		92 69	107 70	107 57	99 53	111 40	112 55	109 65	114 42	113 52	113 34	99 22	88 2.22	103 -2.0	99 20	107 19.0	107 5.8	113 106	108 32.2	113 129	95 24	113 -57	115 1.2	53 55	88 5.9	124 -22.9	99 -0.4	104 34.2	113 7	120 31	99 0.62	108 1.34	102 0.15
AG 170872	86187093	2	AG 110192 AG 130081		84 72	115 73	90 63	109 60	98 47	104 59	113 69	93 36	101 54	105 34	91 11	76 3.50	94 -0.8	90 8	115 23.2	90 0.6	112 102	112 36.1	96 64	134 119	103 -42	128 1.9	53 50	137 34.8	99 -8.8	91 1.0	109 37.5	92 -9	96 10	94 0.05	121 3.31	104 0.27
CEF 170360	85269488	2	CEF 100304 CEF 070083		109 73	87 64	84 64	121 63	90 53	83 58	84 65	80 52	79 57	77 57	81 -2	107 0.28	103 -2.0	83 -3	87 8.0	84 -1.2	81 28	85 11.2	82 12	101 38	89 -19	104 0.6	69 -5.5	100 -8.8	97 0.0	85 22.8	82 -17	79 -5	81 -1.20	91 -1.43	79 -1.82	
PAD 170002	85108322	2	PAD 130004 PAD 090212		99 68	107 56	106 53	96 44	70 42	91 49	109 56	93 33	90 46	98 36	102 26	94 1.61	110 -3.0	102 25	107 18.5	106 5.4	110 97	104 28.1	96 63	104 45	105 -45	100 0.3	96 10.7	80 2.5	85 2.1	78 18.7	103 -1	102 15	115 2.18	99 -0.14	94 -0.57	
PAD 170054	86757911		PAD 110052		112 61	80 38	95 38	103 28	90 27	77 36	75 40			78 14	96 18	112 -0.30	105 -2.2	95 14	80 4.5	95 2.2	80 24	82 9.1	78 -5	97 28	73 8	100 0.3	88 5.9	98 -8.1	108 -1.9	69 13.4	95 -7	83 -1	81 -1.24	96 -0.63	98 -0.24	
PAD 170075	86755386		PAD 070015		107 61	87 39	99 41	119 30	84 29	85 37	90 42	77 22	81 34	77 24	86 5	106 0.31	97 -1.2	84 -1	87 7.9	99 3.5	95 62	83 9.6	84 18	89 8	86 -13	98 0.2	84 3.5	97 -7.2	106 -1.6	61 8.5	93 -9	85 0	86 -0.77	85 -2.31	93 -0.61	
PAD 170103	86755360		PAD 100064		100 61	87 37	102 36	107 26	100 27	88 35	84 39	77 22	83 32	78 20	92 12	102 0.79	93 -0.6	91 9	87 8.0	102 4.3	94 59	89 14.9	81 6	111 63	81 -5	97 0.2	86 4.4	93 -5.0	123 -4.7	72 14.8	93 -8	86 1	86 -0.67	83 -2.55	94 -0.54	
PAD 170108	86755204		PAD 140018		97 59	90 36	91 33	110 24	96 25	83 33	84 38			75 18	92 13	95 1.46	96 -1.0	89 6	90 9.8	91 0.8	88 44	88 14.4	78 -3	99 33	78 -1	101 0.4	86 4.5	107 -13.2	111 -2.6	67 12.0	84 -16	79 -5	82 -1.13	89 -1.64	91 -0.82	
SL 170123	86214533	1	LPS 040144 GZV 140160		93 60	114 60	84 55	95 54	92 44	97 51	105 58	107 50	98 51	110 44	109 36	93 1.68	99 -1.5	105 30	114 22.5	84 -1.1	97 66	111 35.0	109 111	99 34	108 -50	100 0.3	97 10.8	92 -4.6	106 -1.6	81 20.4	110 5	110 22	124 3.09	99 -0.17	96 -0.37	
VV 170019	85274603	3	VV 140338 VV 060057		96 70	118 60	98 58	100 55	93 43	111 53	120 61	89 44	106 51	99 42	100 23	94 1.62	101 -1.7	99 20	118 24.4	98 3.0	115 111	110 33.7	96 64	102 41	110 -53	104 0.5	119 24.4	105 -11.9	93 0.6	92 26.8	97 -5	102 16	116 2.30	107 1.23	79 -1.86	
VV 170191	85442911	3	VV 140338 VV 090222		108 69	110 60	105 56	101 55	99 43	116 53	118 60	95 45	113 51	107 42	102 26	106 0.39	109 -2.7	96 17	110 20.3	105 5.2	116 111	108 32.4	99 75	102 41	118 -66	106 0.7	136 34.0	108 -13.4	97 0.0	96 29.2	92 -9	108 21	117 2.38	114 2.30	76 -2.06	
CEF 180505	87546586	2	CEF 130548 CEF 130006		104 99	131 99	108 97	80 97	108 97	136 90	140 98	115 98	135 92	140 98	125 57	102 0.80	115 -3.6	123 56	131 31.4	108 6.3	121 123	136 57.2	110 117	125 97	104 -43	88 -0.4	115 21.9	126 -24.2	81 2.9	119 43.3	106 2	118 30	137 4.33	126 4.10	144 3.65	

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	
			Sire ID Dam ID																																
CEF 190368 88512751	2	CEF 130548 CEF 090100		92 72	116 63	105 63	114 62	115 48	128 57	126 64	112 52	127 56	113 56	89 8	87 2.37	100 -1.5	86 1	116 23.8	105 5.2	130 145	118 40.7	113 128	100 35	108 -49	104 0.6	101 13.1	126 -24.0	106 -1.6	101 32.5	95 -7	102 16	116 2.25	104 0.65	114 1.09	
														62	74	66	62	63	63	63	62	57	36	45	60	60	53	34	58	59	57	55	57	56	
SYF 190085 88711668	3	TNS 160191 ADV 110238		80 68	99 56	97 53	105 52	57 38	64 49	90 57	80 35	63 46	81 36	100 23	81 2.99	83 0.7	93 12	99 14.3	97 2.9	100 74	92 17.7	77 -6	95 24	86 -13	97 0.1	68 -6.5	66 10.4	66 5.4	90 26.0	87 -13	84 -1	84 -0.89	81 -2.97	89 -0.98	
														52	73	59	52	56	53	54	53	47	20	20	54	53	38	27	48	51	47	35	38	35	

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		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
	Dam ID																																			

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
1	CEF 180505	CEF180505	CEF 130548	CEF 130006	8	1.7	HH(c)	0	0	0							
1	CEF 190368	CEF190368	CEF 130548	CEF 090100	1.8												
2	VV 160219	VV16-0219	VV 140510	VV 030221	2.0												
1	VV 160349	VV16-0349	VV 140310	VV 050046	3.8												
2	VV 160377	VV16-0377	VV 140148	VV 060339	4.2												
3	VV 170019	VV17-0019	VV 140338	VV 060057	2.6												
4	VV 170191	VV17-0191	VV 140338	VV 090222	3.3												
1	AG 170872	AG170872	AG 110192	AG 130081	7	2.0		0	0	0							
1	CEF 150320	CEF150320	CEF 130322	CEF 120229	8	1.5											
2	CEF 150331	CEF150331	CEF 100304	CEF 040020	1.4												
3	CEF 150332	CEF150332	CEF 110301	CEF 040168	4.5												
4	PAD 160170	PAD 160170		PAD 070033	0.0												
5	PAD 170002	PAD170002	PAD 130004	PAD 090212	2.3												
6	SL 170123	SL 170123	LPS 040144	GZV 140160	1.4												
7	SYF 150238	SYF150238	SYF 100072	SYF 110244	8	4.2	HH(c)	0	1	0							
1	CEF 170360	CEF170360	CEF 100304	CEF 070083	1.7												

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											
										★★★★																				
2	NFS 160035	NFS160035	DKN 090345	NFS 130077	7	1.5				93	73	115	73	92	63	81	59	69	48	85	60	107	69	121	68	91	62	118	66	
3	PAD 160229	PAD 160229		PAD 080087		0.0				89	61	94	40	98	41	107	33	87	30	80	38	88	43	75	25	76	35	78	24	
4	PAD 160246	PAD 160246		LEL 040040		0.0				91	62	94	40	105	43	101	33	93	28	86	38	90	43	79	22	82	35	84	14	
5	PAD 160292	PAD 160292		PAD 120160		0.0				85	59	94	35	95	31	114	23	92	24	82	32	88	36					79	12	
6	PAD 170075	PAD 170075		PAD 070015		0.0				107	61	87	39	99	41	119	30	84	29	85	37	90	42	77	22	81	34	77	24	
7	PAD 170103	PAD 170103		PAD 100064		0.0				100	61	87	37	102	36	107	26	100	27	88	35	84	39	77	22	83	32	78	20	
8	PAD 170108	PAD 170108		PAD 140018		0.0				97	59	90	36	91	33	110	24	96	25	83	33	84	38					75	18	
										★★★★																				
1	AG 130147	AG130147	AG 080210	AG 100156	7	1.9		0	0	0	90	93	101	93	108	81	127	80	41	64	76	77	110	89	106	50	80	72	106	56
2	PAD 170054	PAD 170054		PAD 110052		0.0				112	61	80	38	95	38	103	28	90	27	77	36	75	40					78	14	
										★★★★																				
1	SYF 190085	SYF190085	TNS 160191	ADV 110238		3.4				80	68	99	56	97	53	105	52	57	38	64	49	90	57	80	35	63	46	81	36	

