

BONSMARA

GENOMIC BREEDING VALUE REPORT

September 2026



BELVOIR BONSMARA

Herd Number: 716836

E-mail: rhysvanderwesthuyzen@gmail.com



EBVs, EBVi's and GEBVs

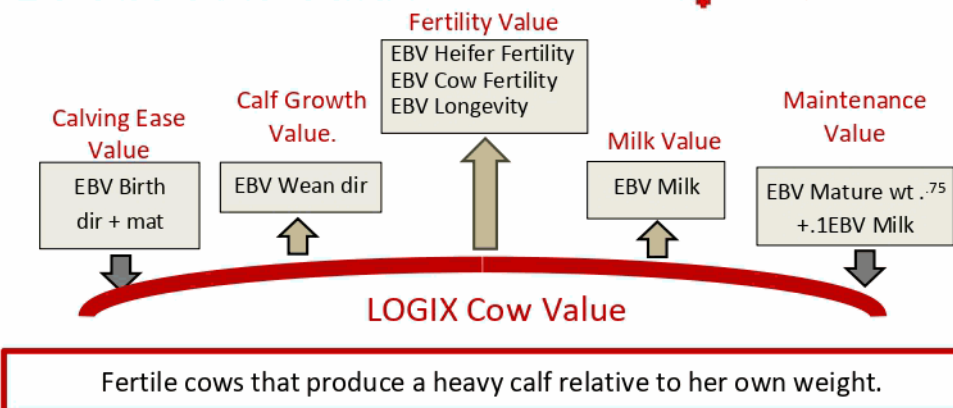
EBVi (Breeding Value Index): Genetic potential relative to the average (100) of the live (active) animals in the breed. Roughly 50% of the animals have values between 90 and 110. Values above 100, depending on the trait, tend to be in the more favourable direction.

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

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

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

LOGIX Cow Value



Selection Values

LOGIX Cow Value



Selecting for:

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

LOGIX Growth Value



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

How to use the Cow Value

Selection values should be compatible with your selection goal.

AVERAGE ANIMALS (NO GROWTH EXTREMES)

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

GROWERS (GOOD ENVIRONMENT)

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

LOW- MAINTENANCE ANIMALS (HARSH ENVIRONMENT)

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

LOGIX Weaner Calf Value



Select for:

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

LOGIX Carcass Value



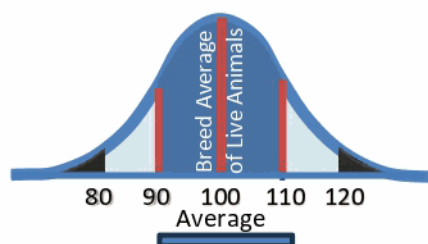
Select for more meat on the carcass as measured from end weight in Phase C and D Growth Tests and RTU scanning.

LOGIX Production Value



80% LOGIX Cow Value +
20% LOGIX Growth Value

Interpretation of EBVi and Selection Values

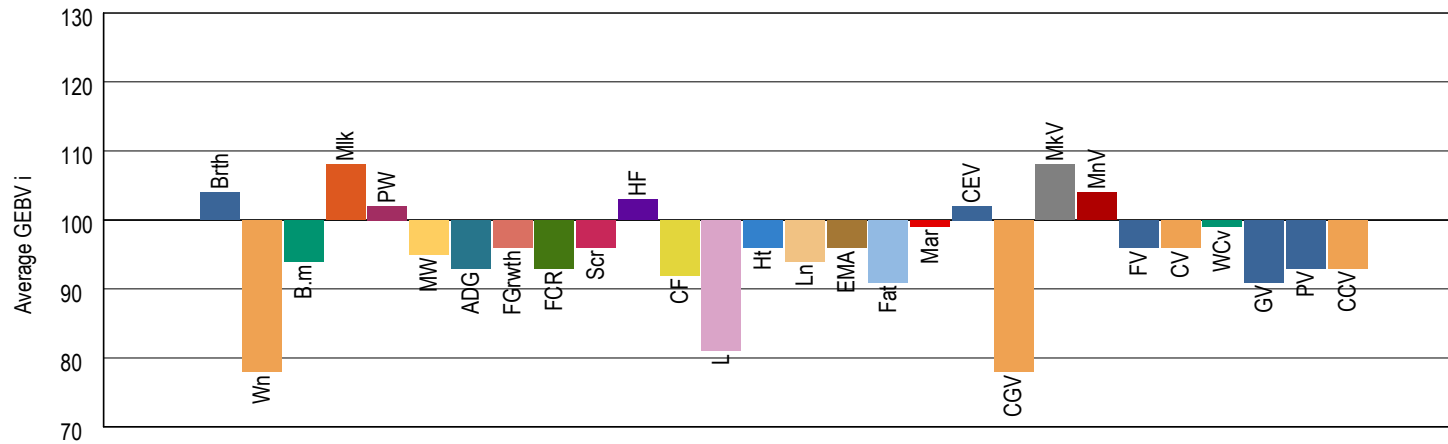


Examples

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

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

Herd and Breed Averages



Genomic Breeding Values (GEBVs):

Brth:	Birth weight	Scr:	Scrotal circumf.
Wn:	Weaning weight	HF:	Heifer Fertility
B.m:	Birth maternal	CF:	Cow Fertility
Mlk:	Milk	LL:	Longevity
PW:	Post-wean weight	Ht:	Height
MW:	Mature weight	Ln:	Length
ADG:	Average Daily Gain	EMA:	Eye Muscle
FGwth	Veldgrowth	Fat:	Fat
FCR:	Feed Conversion Ratio	Mar:	Marbling

Selection Values:

CEV:	Calving Ease Value
CGV:	Calf Growth Value
MkV:	Milk Value
MnV:	Maintenance Value
FV:	Fertility Value
CV:	Cow Value
WCv:	Weaner Calf Value
GV:	Growth Value
PV:	Production Value
CCV:	Carcass Value

	Trait	EBV Herd	EBVi Herd	EBV Breed
Prewrite Growth	Birth Weight	0.60	104	0.98
	Wean Weight	3.2	78	14.9
	Birth Mat.	0.02	94	-0.28
	Milk (Wn.Mat.)	6.3	108	3.7
Postwean Growth	Postwean Wt	26	102	25
	Mature Weight	14	95	22
	ADG	51	93	79
	VeldGrowth	26	96	35
	FCR	-25	93	-37
Fertility	Scrotal Circumf.	10	96	13
	Heifer Fertility	-10.4	103	-9.1
	Cow Fertility	0.95	92	-0.56
	Longevity	20.7	81	31.8
Frame	Height	-6.6	96	-3.1
	Length	8.3	94	13.6
Carcass	EMA	0.213	96	0.683
	Fat	-1.489	91	0.055
	Marbling	-0.127	99	-0.056

Selection Value	Ave. Herd
Calving Ease	102
Calf Growth	78
Milk	108
Maintenance	104
Fertility	96
Cow Value	96
Weaner Calf Value	99
Growth Value	91
Production Value	93
Carcass Value	93

- 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 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

Total:

130
120
110
100
90
80
70

130
120
110
100
90
80
70

Cow Herd

Cows born in and earlier

Total:

Cows older than 6 years

Cows born in and earlier

Total:

Heifer calves

Heifers born in

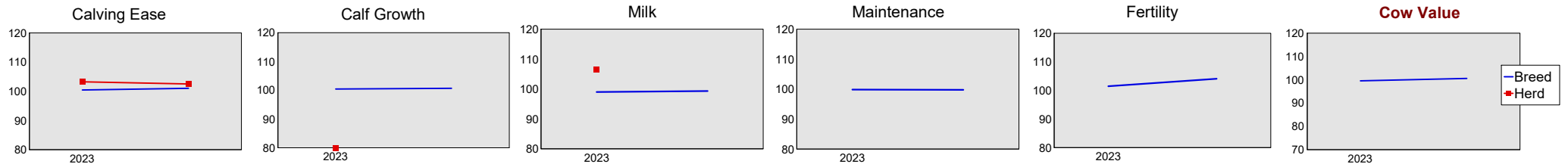
Total:

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:			100	99	100	100	100	100	99	100	100	99	100	100	99	100	100	100	100	100	100	100	101	100	
2017	1		108	74	113	96						108	74	100	113		102				92				
2018	6		100	77	122	103						102	77	92	122		94				89				
2019	10		100	75	113						103	75	91	113							92				
2020	19		103	74	111	101						104	74	94	111		99				90				
2021	3		102								104			93						88					
2023	9		100	77	106	111						102	77	93	106				89				76		
2024	21		102	78	106	100						104	78	94	106		98				71				
Cows in Herd Average:			102	76	112	102						104	76	94	112				96				85		

Genetic Trends for On-Farm Traits

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



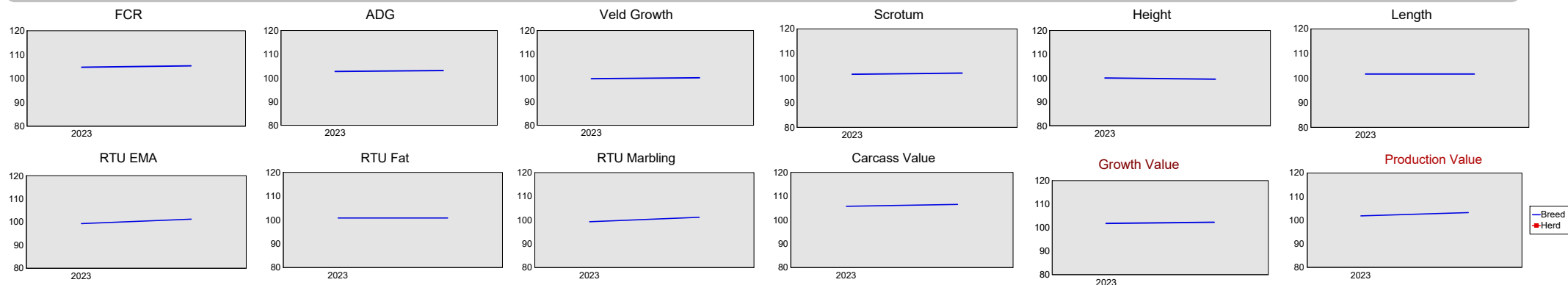
Herd

Birth Year	Calving Ease				Calf Growth			Milk			Maintenance						Fertility						Cow Value
	Birth Weight		Mat EBV	Calv. Ease	Weaning Weight		Calf Growth	Milk (Wn.Mat.)		Milk	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	Number	EBV		
2023	33	0.47	-0.03	103	13	3.3	78	13	5.69	106													
2024	38	0.54	0.00	103																			

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		Mainte-nance	Heifer Fert.		Cow Fert.		Longevity		Ferti-lity				
	Number	Dir EBV			Number	EBV		Number	EBV	Milk	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			
2023																												
2024																												

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

Sires

Bull			Selection Values										Birth			Wean				Grwth & Adaptation					Fertility				Raam		Carcass			Progeny				
Index EBV Acc	ID	Comp.nr	Genomic	Sire ID	Dam ID	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Weaner Calf V	Growth Value	Prod. Value	Carcass V	Cow wt brth	Birth wt	Cow-Calf birth	Cow wt wean	Wean wt	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FOR	Skin Thickn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling	Nr measured	
																																					Birth	Wean
																																	Grwth Test	Dght & clvs (Weaned)				
CCV 150096 85407948	WAT 090154 CCV 110023					83	100	100	91	85	79	88	96	79	89	99	90	81	108	100	100	96	110	97	97	100	109	97	82	84	114	105	92	94	85	93	30	30
						86	88	75	75	53	71	84	32	63	24	22	2.03	1.0	34	15.1	3.6	63	33.8	67	29	-36	0.84	11.2	1.2	2.2	40.3	1	6.8	0.07	-2.30	-0.61	10	23
SHU 150070 82477258	NPT 090180 SHU 120099					87	109	96	93	93	94	101	83	90	96	103	88	94	106	109	96	102	105	85	103	82	110	88	99	94	100	82	89	99	88	89	48	48
						88	91	75	79	58	74	86	44	68	18	28	2.19	-0.8	31	19.8	2.5	77	29.5	23	43	-7	0.86	5.4	-8.4	0.5	32.1	-17	3.5	0.55	-1.91	-0.99	3	11

Breeding Values and Accuracies: Bulls

Inbreeding in red is high

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

Animal				Selection Value										Birth			Wean				Growth & Adaptation					Fertility				Frame		Carcass		
ID	Inbreeding	Genomic	Index	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -brth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean wt	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thickn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
Animal no	%	Parentage	EBV Acc																															
KTB 190063	1	CCV 150096 KTB 170071	90601907	90	99	99	96	100	91	91	94	89	91	95	92	91	103	99	99	97	105	94	96	97	98	93	104	94	109	102	94	95	91	99
90601907				67	68	54	53	36	53	63	20	46	14	17	1.86	-0.4	26	14.6	3.3	66	29.1	58	26	-32	0.2	8.6	-11.4	0.5	37.3	-2	9	0.14	-1.41	-0.12
KTB 200222	3	SHU 150070 KTB 140104	91582882	95	103	105	109	92	101	107	88	97	95	91	95	91	89	103	105	114	98	91	107	89	103	98	101	89	102	90	94	96	90	99
91582882				69	70	56	54	40	55	65	28	50	14	11	1.52	-0.3	6	16.6	5.4	108	22.8	45	54	-18	0.5	11.5	-9.4	1.4	33.3	-11	8	0.29	-1.56	-0.13
VDW 230019		VDW 200089	96015110	108	77	105	113							108	98	87	77	105	90									82						
96015110				51	51	22	29									0.11	-1.4	2	2.9	5.3	49								21.3					
VDW 240010		VDW 200014	97416408	105										106														71						
97416408				50												0.32														14.6				
VDW 240011		VDW 200010	97463582	88										91														71						
97463582				50												1.90														14.6				
VDW 240015		VDW 190003	97479695	93										96														72						
97479695				50												1.41														14.8				
VDW 240019		VDW 180002	97544878	102	81	110	106							103	95	91	81	110	95									72						
97544878				51	11	20	29									0.71	-0.9	9	4.5	6.9	61								15.1					
VDW 240020		VDW 190008	97544886	103	78	106								105			78	106										73						
97544886				51	11	20										0.46			3.3	5.6									15.4					
VDW 240022		VDW 190004	97544902	103										105														72						
97544902				51												0.50													14.8					
VDW 240026		VDW 200015	98146665	103	77	101	99							105	97	99	77	101	80									75						
98146665				51	11	20	29									0.45	-1.2	20	2.8	4.2	26								16.9					
VDW 240028		VDW 180004	98143670	123										122														71						
98143670				51												-1.36													14.6					
VDW 240030		VDW 200089	98143696	122	71	104	113							123	107	86	71	104	82									74						
98143696				51	11	20	29									-1.39	-2.5	2	-0.8	4.9	29								16.4					

Breeding Values and Accuracies: Bulls

Inbreeding in red is high

Value <80

Value >120

Breeding values with an accuracy < 5% are not printed

Animal				Selection Value										Birth			Wean				Growth & Adaptation					Fertility				Frame		Carcass			
ID	% Inbreeding	Genomic 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	
Animal no			Sire ID Dam ID																																
VDW 240031	98146699	VDW 200093		111 51	75 11	103 20	108 29							111 -0.21 59	100 -1.6 37		90 8 29	75 1.7 11	103 4.7 20	84 34 20								73 15.8 14							
VDW 240032	98143704	VDW 190009		112 51										112 -0.32 59															71 14.4 14						
VDW 240033	98146707	VDW 200021		87 51										90 2.07 59															72 15.2 14						
VDW 240037	98146715	VDW 190011		98 51	81 11	107 20								100 0.98 59			81 4.5 11	107 5.8 20											73 15.8 14						
VDW 240044	98146723	VDW 200016		112 51										113 -0.37 58															71 14.4 14						
VDW 240047	98143761	VDW 200002		95 51										98 1.19 58															71 14.5 14						
VDW 240050	98143787	VDW 200012		94 51										96 1.39 58															71 14.5 14						

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																															
VDW 170001 96014154				108 35	74 22	113 40	96 58							108 0.10 33	105 -2.3 45		102 24 58	74 0.8 22	113 7.5 40	85 38 40							92 27.2 8							
VDW 180001 96014162				100 35										103 0.70 33														87 24.2 33						
VDW 180002 96014170				104 35	77 22	122 40	103 58							104 0.52 33	98 -1.3 45		94 13 58	77 2.7 22	122 10.4 40	101 76 40							91 26.6 28							
VDW 180003 96014188				83 35										90 1.99 33														89 25.5 31						
VDW 180004 96014204				117 35										114 -0.52 33														89 25.5 31						
VDW 180005 96014287				94 35										98 1.19 33														89 25.5 31						
VDW 180140 96014196				100 35										103 0.69 33														87 23.9 32						
VDW 190002 96014055				99 35	79 22	124 40								101 0.87 33				79 3.5 22	124 11.1 40								92 27.0 28							
VDW 190003 96014063				95 26										99 1.08 24														90 25.9 27						
VDW 190004 96014071				99 35										102 0.79 33														90 25.9 27						
VDW 190005 96014089				106 35	74 22	112 40								107 0.28 33				74 1.0 22	112 7.5 40								96 29.2 28							
VDW 190006 96014097				83 26										91 1.94 24														92 26.8 27						

Breeding Values and Accuracies: Cows & Heifers

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass		
ID Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thickn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
			Sire ID Dam ID																															
VDW 190007 96014105				107 35										107 0.23 33												92 26.8 27								
VDW 190008 96014113				102 3575 22114 40										104 0.58 33			75 1.7 22114 7.9 40									92 27.0 28								
VDW 190009 96014121				110 35										110 -0.02 33												89 25.1 28								
VDW 190010 96014139				99 3572 22102 40										103 0.63 33			72 0.1 22102 4.2 40									93 27.8 28								
VDW 190011 96014147				99 3576 22115 40										102 0.75 33			76 2.0 22115 8.2 40									93 27.8 28								
VDW 200002 96014303				94 35										98 1.15 33												89 25.4 29								
VDW 200003 96014311				92 26										97 1.31 24												89 25.5 21								
VDW 200005 96014337				94 26										98 1.16 24												89 25.5 21								
VDW 200007 96014345				98 3578 22120 4087 58										100 0.93 3399 -1.4 45			112 405878 22120 9.7 4090 49 40									91 26.6 23								
VDW 200008 96014352				108 35										108 0.16 33												89 25.1 29								
VDW 200009 96014360				101 35										103 0.63 33												89 25.4 29								
VDW 200010 96014378				92 26										97 1.31 24												89 25.5 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																															
VDW 200011 96014386				119 35										116 -0.68 33												89 25.4 29								
VDW 200012 96014394				100 35										102 0.72 33												89 25.4 29								
VDW 200013 96014402				104 35										105 0.41 33												89 25.4 29								
VDW 200014 96014410				102 26										104 0.55 24												89 25.5 21								
VDW 200015 96014451				104 3572 22104 4091 58										106 0.34 33101 -1.7 45			108 345872 0.1 22104 4074 12 40									97 30.0 28								
VDW 200016 96014469				108 35										108 0.14 33												89 25.1 29								
VDW 200017 96014477				105 26										106 0.36 24												92 26.7 28								
VDW 200019 96014493				111 35										110 -0.06 33												89 25.4 29								
VDW 200021 96018130				94 35										98 1.18 33												92 26.7 28								
VDW 200089 96014436				114 3573 22112 40119 58										112 -0.27 33103 -2.0 45			83 -35873 0.3 22112 4093 56 40									95 29.0 28								
VDW 200093 96014444				111 3572 22109 40106 58										110 -0.09 33103 -1.9 45			91 95872 0.0 22109 4085 38 40									93 27.8 29								
VDW 210001 96014519				95 26										99 1.09 24												89 25.3 12								

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
			Sire ID Dam ID																															
VDW 210003 96018122				108 35										108 0.13 33												87 23.9 13								
VDW 230006 96015011		VDW 200015		107 5169 51104 22107 29										109 -0.01 5895 -0.9 36			91 969 -1.6 51104 4.9 2278 19 34									87 23.8 18								
VDW 230009 96015037		VDW 190005		102 5178 51106 22										104 0.60 58			78 3.2 51106 5.6 22									86 23.4 18								
VDW 230021 96015078		VDW 200018		95 4984 51108 22114 29										97 1.26 5784 0.5 34			86 12984 6.4 51108 6.3 22100 73 34									82 21.3 18								
VDW 230030 96015102		VDW 190004		98 51										100 0.95 58												72 14.8 14								
VDW 230031 96018841		VDW 200021		103 51										106 0.35 59												72 15.2 14								
VDW 230033 96016365		VDW 180003		84 51										88 2.23 59												71 14.6 16								
VDW 230044 96105036		VDW 180004		115 51										115 -0.56 59												71 14.6 16								
VDW 230050 96155981		VDW 180005		90 51										93 1.75 59												71 14.6 16								
VDW 230055 96294111		VDW 190007		107 51										108 0.18 59												72 15.3 14								
VDW 240012 97463590		VDW 200005		92 50										94 1.58 58												71 14.6 11								
VDW 240013 97463608		VDW 200003		88 50										91 1.90 58												71 14.6 11								

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																															
VDW 240014 97479687		VDW 210001		93 50										96 1.43 58														71 14.5 6						
VDW 240016 97479703		VDW 200007		98 51	81 11	109 20	97 29							100 1.01 59	95 -0.9 37		101 23 29	81 4.9 11	109 6.6 20	90 49 20								72 15.2 11						
VDW 240017 97544852		VDW 190005		112 51	74 11	105 20								114 -0.46 59				74 1.2 11	105 5.1 20									74 16.5 14						
VDW 240018 97544860		VDW 170001		112 51	75 11	105 20	102 29							113 -0.37 59	103 -2.0 37		95 15 29	75 1.5 11	105 5.2 20	83 31 20														
VDW 240021 97544894		VDW 190002		100 51	81 11	111 20								101 0.87 59				81 4.9 11	111 7.2 20									73 15.4 14						
VDW 240023 98143662		VDW 190010		98 51	79 11	100 20								100 0.94 59				79 3.6 11	100 3.9 20									73 15.8 14						
VDW 240029 98143688		VDW 180003		83 51										88 2.27 59															71 14.6 16					
VDW 240034 98146616		VDW 200011		129 51										129 -2.05 59															71 14.5 14					
VDW 240035 98146624		VDW 210003		108 51										109 0.02 59															70 13.8 6					
VDW 240036 98146632		VDW 200019		111 51										111 -0.18 59															71 14.5 14					
VDW 240038 98143712		VDW 200009		105 51										106 0.31 58															71 14.5 14					
VDW 240039 98146640		VDW 190007		110 51										111 -0.18 58															72 15.3 14					

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
			Sire ID Dam ID																															
VDW 240040 98146673		VDW 180001		107 51										109 0.08 58													70 13.9 16							
VDW 240041 98143720		VDW 200017		109 49										110 -0.07 57													72 15.2 14							
VDW 240042 98143738		VDW 200008		112 51										113 -0.36 58													71 14.4 14							
VDW 240045 98146681		VDW 200013		103 51										104 0.56 58													71 14.5 14							
VDW 240046 98143746		VDW 180140		104 51										106 0.34 58													70 13.8 16							
VDW 240048 98143753		VDW 180005		100 51										103 0.71 58													71 14.6 16							
VDW 240049 98143779		VDW 190006		75 49										79 3.20 57													72 15.3 14							

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
					<i>Italics: DNA Test</i>						★★★★★									
1	KTB 200222	KTB200222	SHU 150070	KTB 140104	6	3.0	0	0	0		9569	10370	10556	10954	9240	10155	10765	8828	9750	9514
											★★★★									
1	KTB 190063	KTB190063	CCV 150096	KTB 170071	7	0.6					9067	9968	9954	9653	10036	9153	9163	9420	8946	9114

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

