

AFRIKANER

BREEDING VALUE REPORT

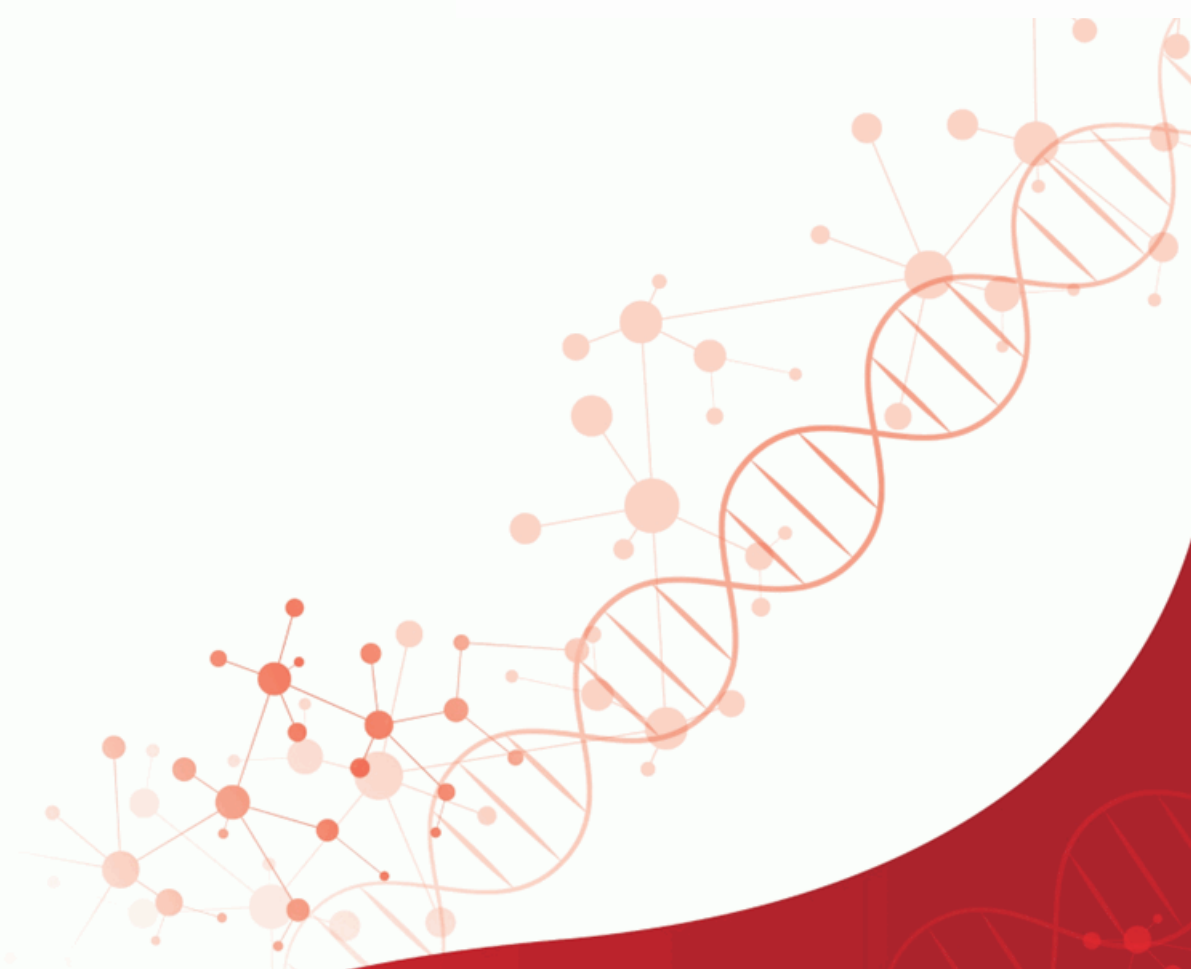
September 2026



THE PA GRADWELL TRUST

Herd Number: 460449

E-mail: holmesdalefarming@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.

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.

LOGIX Production Value



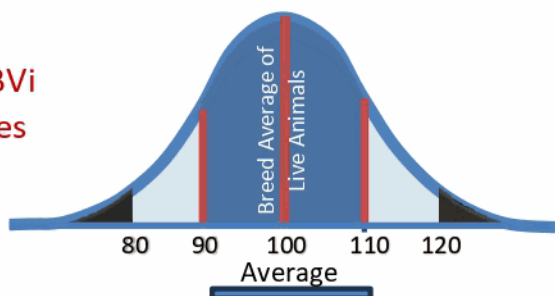
80% LOGIX Cow Value +
20% LOGIX Growth Value

LOGIX Carcass Value

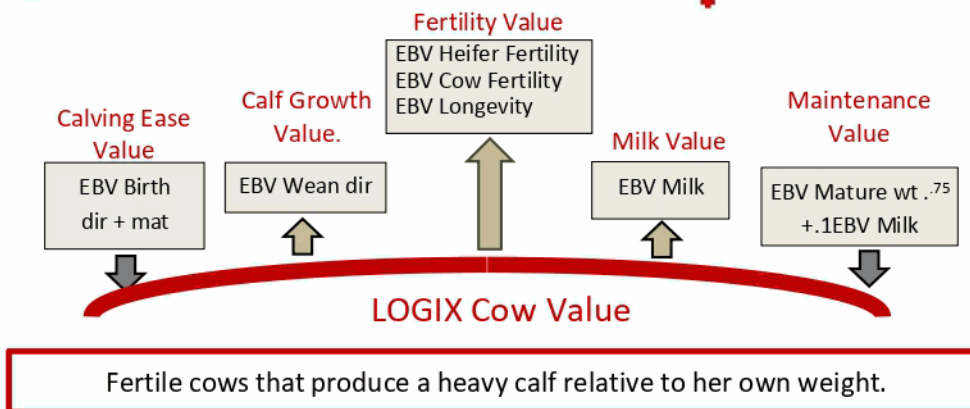


Select for more meat on the carcass as measured from end weight in Phase C and D Growth Tests and RTU scanning.

Interpretation of EBVi and Selection Values



LOGIX Cow Value



How to use the Cow Value

Selection values should be compatible with your selection goal.

AVERAGE ANIMALS

(NO GROWTH EXTREMES)

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

GROWERS

(GOOD ENVIRONMENT)

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

LOW- MAINTENANCE ANIMALS

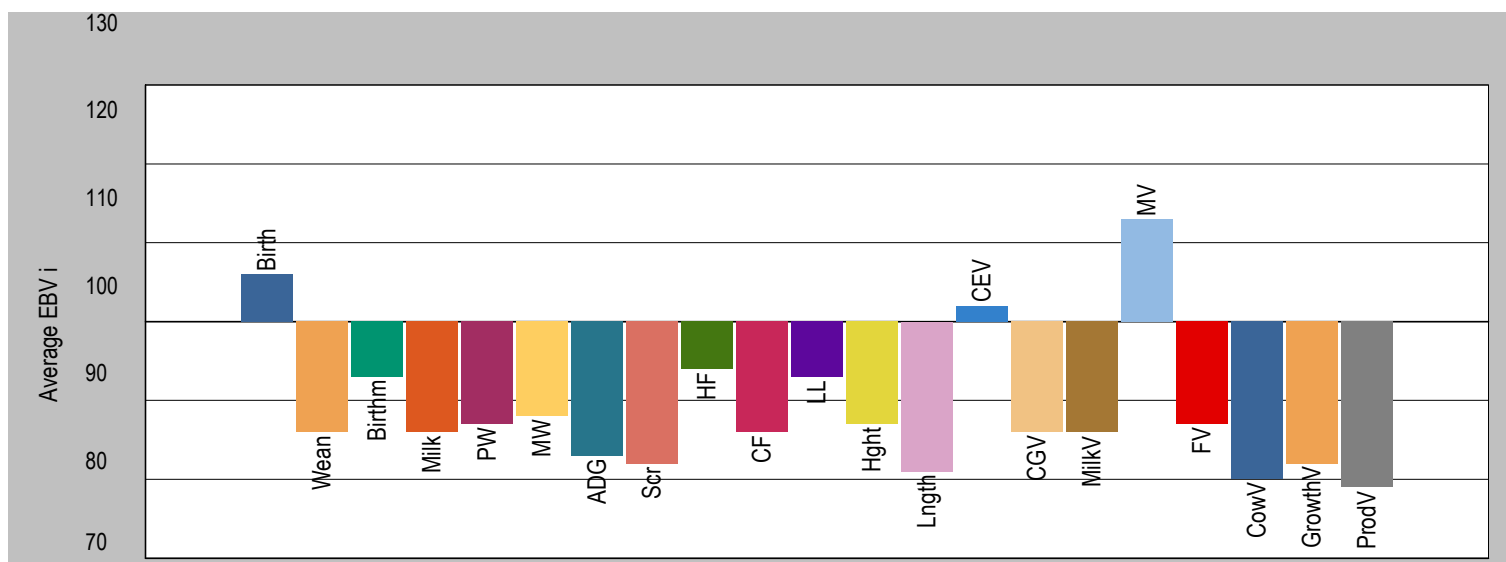
(HARSH ENVIRONMENT)

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

Examples

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

Herd and Breed Averages



Breeding Values:

Birth:	Birth weight	Scr:	Scrotal circumf.
Wean:	Weaning weight	HF:	Heifer Fertility
Birthm:	Birth maternal	CF:	Cow Fertility
Milk:	Milk	LL:	Longevity
PW:	Post-wean weight	Hght:	Height
MW:	Mature weight	Lngth:	Length
ADG:	Average Daily Gain		

Selection Values:

CEV:	Calving Ease Value
CGV:	Calf Growth Value
MilkV:	Milk Value
MV:	Maintenance Value
FV:	Fertility Value
CowV:	Cow Value (CV)
GrowthV:	Growth Value (GV)
ProdV:	Production Value (PV)

	Trait	EBV Herd	EBV Index	EBV Breed
Prewean Growth	Birth Weight	1.19	106	1.60
	Wean Weight	10.4	86	16.9
	Birth Mat.	0.18	93	-0.03
	Milk (Wn.Mat.)	1.6	86	5.7
Postwean Growth	Postwean Wt	18.9	87	28.6
	Mature Weight	16	88	29
	ADG	60	83	126
Fertility	Scrotal Circumf.	8.9	82	18.9
	Heifer Fertility	0.9	94	-3.6
	Cow Fertility	-2.0	86	-6.1
	Longevity	28.2	93	31.3
Frame	Height	8	87	17
	Length	15	81	37

Selection Value	Ave. Herd
Calving Ease	102
Calf Growth	86
Milk	86
Maintenance	113
Fertility	87
Cow Value	80
Growth Value	82
Production Value	79

- Average of live animals in the breed: 100
- Above 100: **more favourable**,
- Below 100: **less favourable**

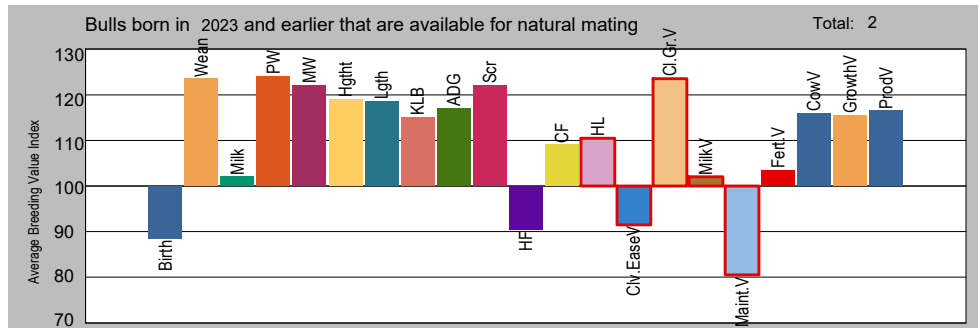
What does a sub-selection value above breed average (100) mean?:

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

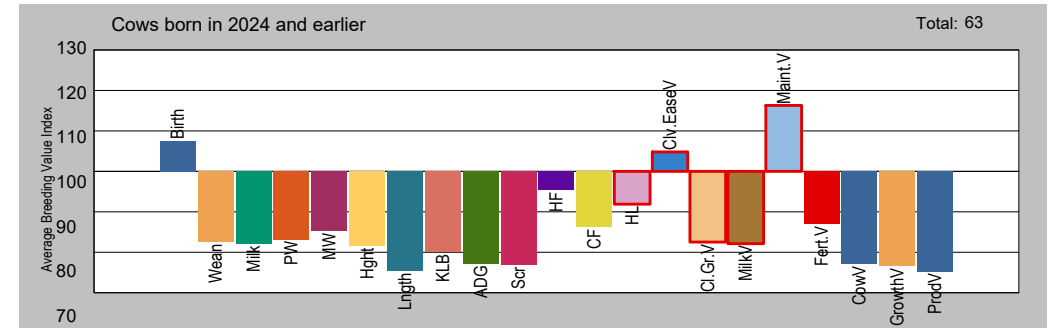
Genetic Windows

Animals available for breeding

Bulls on the farm

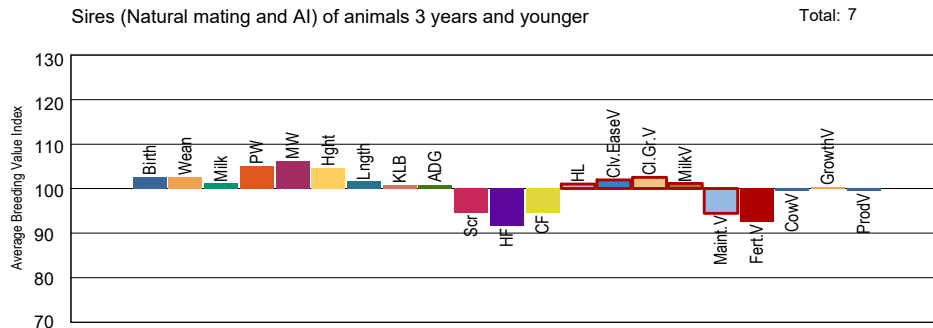


Cow Herd

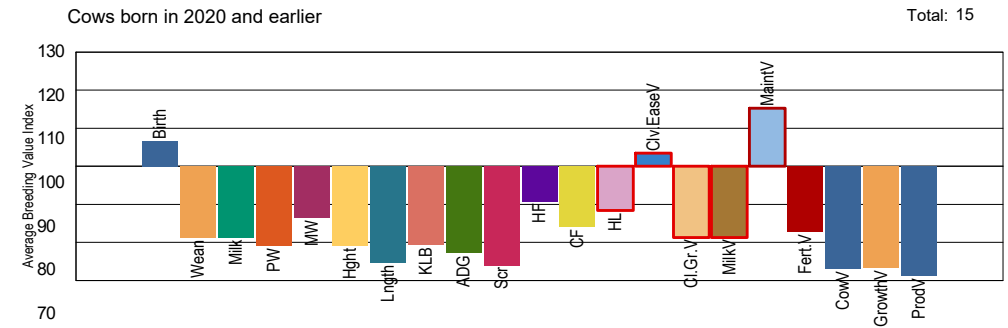


Results of previous selection decisions

Sires of young animals

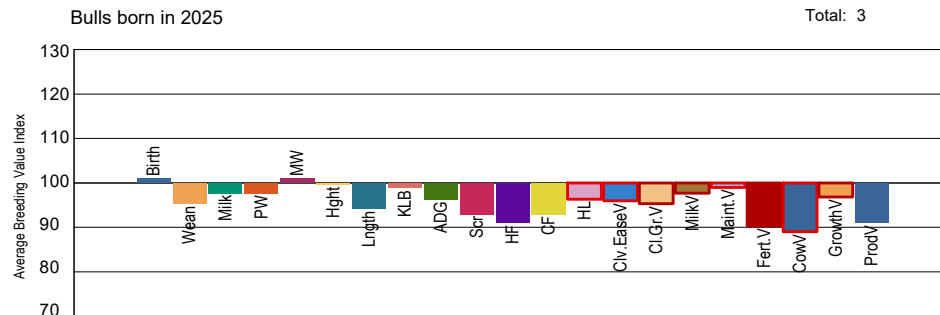


Cows older than 6 years

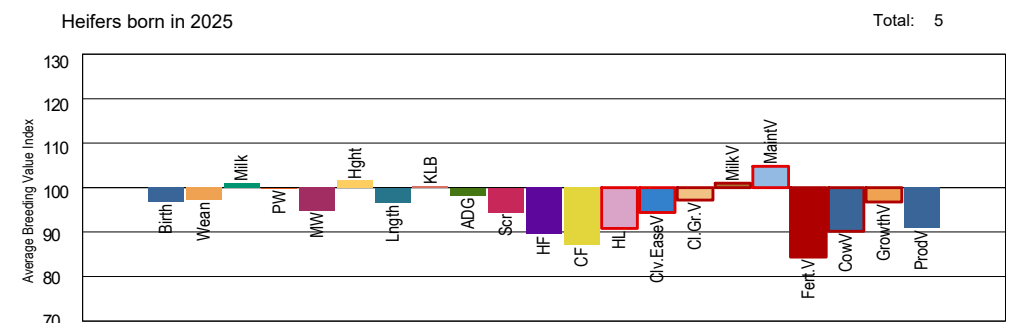


Selection possibilities

Bull calves



Heifer calves

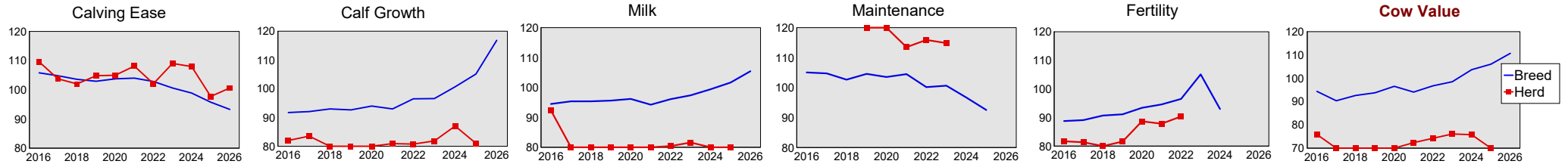


Summary of Cow Herd

			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	Kleiber	Scrotal Circumf.	Heifer Fertility	Cow Fertility	Longevity	Height	Length
Cows in Breed Average:			101	99	100	101	100	99	98	99	101	99	100	100	99	99	98	98	98	100	100	100	99	98
2012	1	★★★	120	82	87	110	63	75	91	77	117	82	106	87	83	90	89	92	83	68	80	58	93	88
2013	2	★★★	104	81	78	120	75	70	72	68	105	81	98	78	77	82	73	74	72	88	78	75	81	73
2014	2	★★★☆☆	95	95	96	104	86	87	80	84	96	95	99	96	98	100	85	85	81	85	93	93	82	85
2016	2	★★★☆☆	91	90	97	109	87	82	85	81	95	90	90	97	81	91	89	91	85	103	81	93	88	84
2017	2	★★	93	77	46	126	89	53	61	51	105	77	67	46	76	80	63	66	67	99	92	80	67	60
2018	2	★★	107	70	60	126	81	57	62	55	116	70	74	60	71	79	65	68	61	90	84	84	67	63
2019	3	★★★	107	81	84	117	90	79	76	77	107	81	98	84	77	84	81	84	77	100	85	100	82	77
2020	2	★★★☆☆	114	74	78	118	82	69	64	66	120	74	102	78	72	84	70	73	66	86	83	99	72	66
2021	10	★★★☆☆	104	87	81	113	88	80	82	79	110	87	89	81	88	88	81	84	84	96	87	95	86	80
2022	19	★★★☆☆	100	83	87	117	95	80	78	78	102	83	96	87	84	85	78	81	80	106	89	95	84	77
2023	8	★★★	114	81	81	120	86	79	75	76	114	81	99	81	83	82	75	79	76	95	84	96	81	74
2024	13	★★★	108	79	81	120	81	74	75	72	110	79	95	81	83	82	74	78	74	90	83	88	80	73
2025	5	★★★★	94	97	101	105	84	90	97	91	97	97	93	101	100	95	98	100	94	90	87	91	102	97
2026	3	★★★☆☆	97	93	95	102	83	84	100	86	102	93	85	95	94	97	102	105	96	86	86	96	105	98
Cows in Herd Average:			103	84	82	115	84	76	78	74	107	84	92	82	83	87	80	83	78	92	85	89	84	78

Genetic Trends for On-Farm Traits

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



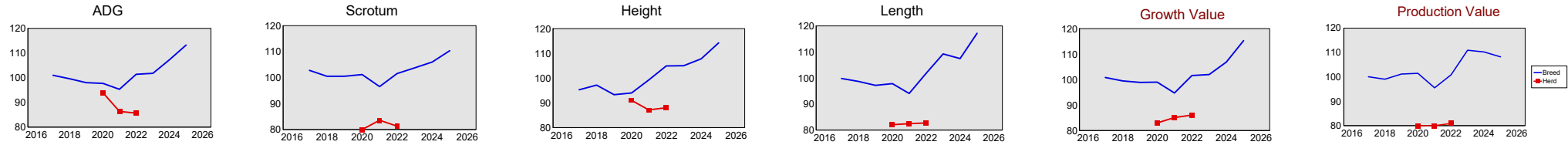
Herd

Birth Year	Calving Ease				Calf Growth			Milk			Maintenance					Fertility								Cow Value
	Birth Weight			Calv. Ease	Weaning Weight		Calf Growth	Milk (Wn.Mat.)		Milk	Postwean Weight		Mature Weight		Mainte-nance	Heifer Fert.		Cow Fert.		Longevity		Ferti-lity		
	Number	Dir EBV	Mat EBV		Number	EBV		Number	EBV		Number	EBV	Number	EBV		Number	EBV	Number	EBV	Number	EBV		Number	
2016	25	0.61	0.12	110	10	8.7	82	10	3.54	92						3	-0.2	2	-0.2	25	18.3	82	76	
2017	33	0.76	0.21	104	8	9.3	84	8	-3.57	67						6	6.2	3	-2.7	33	14.7	81	66	
2018	24	0.90	0.41	102	3	3.8	72	3	-4.82	63						5	10.0	4	0.5	24	19.6	72	58	
2019	25	0.69	0.32	105	14	5.3	75	14	-1.71	74	10	9.4	1	4	128	7	1.8	6	-0.3	25	22.9	82	66	
2020	28	0.77	0.32	105	15	5.0	74	15	-4.06	65	11	10.5	1	-4	125	6	-2.8	6	-2.4	28	19.5	89	61	
2021	44	0.58	0.24	108	39	8.1	81	39	-1.66	74	25	17.3	8	17	114	11	0.2	6	-2.7	39	24.9	88	72	
2022	42	1.21	0.14	102	34	8.0	81	34	0.20	80	24	16.3	4	14	116	16	-3.1	2	-2.2	6	21.0	90	74	
2023	43	0.75	0.10	109	36	8.6	82	36	0.52	82	15	17.8			115								76	
2024	21	0.74	0.17	108	33	11.0	87	33	-0.17	79													76	
2025	33	1.66	0.10	98	1	8.4	81	1	0.02	80													69	
2026	9	1.15	0.44	101																				

Breed

Birth Year	Calving Ease				Calf Growth			Milk			Maintenance					Fertility							Cow Value
	Birth Weight			Calv. Ease	Weaning Weight		Calf Growth	Milk (Wn.Mat.)		Milk	Postwean Weight		Mature Weight		Mainte-nance	Heifer Fert.		Cow Fert.		Longevity		Ferti-lity	
	Number	Dir EBV	Mat EBV		Number	EBV		Number	EBV		Number	EBV	Number	EBV		Number	EBV	Number	EBV	Number	EBV		
2016	795	1.08	-0.07	106	427	13.1	92	427	4.13	94	137	26.8	182	23	105	256	-1.3	160	-2.9	2162	22.1	89	94
2017	765	1.10	-0.01	105	1292	13.3	92	1292	4.40	95	677	25.2	286	22	105	402	-2.1	205	-2.9	2471	23.5	89	90
2018	894	1.24	0.01	104	1277	13.7	93	1277	4.39	95	655	25.9	148	25	103	300	-1.7	150	-4.1	2297	23.7	91	93
2019	990	1.28	-0.01	103	1493	13.6	93	1493	4.46	96	732	25.4	132	27	105	254	-1.0	127	-4.5	2413	24.5	91	94
2020	1295	1.29	-0.05	104	1575	14.2	94	1575	4.61	96	807	26.4	129	27	104	203	-1.1	109	-5.3	2650	25.9	93	97
2021	1206	1.28	-0.07	104	1186	13.7	93	1186	4.08	94	498	25.5	143	27	105	209	-1.8	85	-6.4	2286	26.8	95	94
2022	619	1.33	-0.05	103	843	15.3	96	843	4.60	96	448	27.8	116	31	100	124	-2.3	15	-7.4	449	26.3	96	97
2023	533	1.47	-0.04	101	752	15.4	97	752	4.96	97	353	28.6	10	31	101	31	-4.1					105	99
2024	560	1.69	-0.04	99	725	17.3	101	725	5.53	99	334	31.7			97	3	6.5					93	104
2025	514	1.89	0.01	96	639	19.3	105	639	6.15	102	84	36.6			93								106
2026	214	2.11	0.00	93	70	24.7	117	70	7.19	105													111

Genetic Trends for Growth Test Traits



Herd

Birth Year	Growth						Frame						Selection Values	
	ADG			Scrotal Circumf.			Height			Length			Growth Value	Prod Value
	Number	EBV	EBVi	Number	EBV	EBVi	Number	EBV	EBVi	Number	EBV	EBVi		
2016														
2017														
2018														
2019														
2020	1	105	94	1	7.5	80	1	11	91	1	17	82	83	63
2021	8	73	86	8	9.8	84	8	9	87	8	17	82	85	78
2022	3	71	86	3	8.5	81	3	9	88	3	17	83	86	81
2023														
2024														
2025														

Breed

Birth Year	Growth						Frame						Selection Values	
	ADG			Scrotal Circumf.			Height			Length			Growth Value	Prod Value
	Number	EBV	EBVi	Number	EBV	EBVi	Number	EBV	EBVi	Number	EBV	EBVi		
2016														
2017	134	130	101	134	20.5	103	134	14	95	134	37	100	101	100
2018	147	125	100	84	19.2	101	84	15	97	84	35	99	99	99
2019	71	118	98	68	19.3	101	68	12	93	68	34	97	99	101
2020	170	117	98	171	19.6	101	171	13	94	171	34	98	99	101
2021	84	108	95	84	17.0	97	84	16	99	84	30	94	95	96
2022	121	131	101	121	19.8	102	121	20	105	121	39	102	102	101
2023	48	133	102	48	21.1	104	29	20	105	29	47	109	102	111
2024	63	154	107	63	22.4	106	61	22	108	61	45	107	107	110
2025	10	177	113	10	24.8	110	10	26	114	10	56	117	115	108

Sires

Bull			Selection Values							Calf		Dam		Growth			Fertility				Frame		Measured Progeny					
ID	Index EBV Acc	Sire ID Dam ID	Calv.	Calf	Milk	Maint.	Fertility	Cow	Growth	Prod	Birth	Wean	Birth	Wean	Post wn	Mature	ADG	Scrotal	Heifer	Cow	Long-	Height	Length	Birth	Wean	Dgt/Calvs.	Grwth	
			Ease	Grwth	Value	Value	Value	Value	Value	Value	Dir	Dir	Mat.	Mat.	wt	weight		Circ.	Fertility	Fertility	evity			wt	wt		Test	
AA 010117		AA 970722 AA 970700	116	82	62	115	34	52	99	58	119	82	90	62	89	87	91	84	45	54	54	96	88					
KAPTEIN			80	90	81	36	75	73	82	75	0.21	8.6	0.25	-5.2	20.5	15	92	9.7	41.0	7.8	10.9	14	24	15	47	16	46	10
											82	90	73	81	80	36	79	85	84	49	92	82	79					
BJG 070147	WH 030965 BJG 010546		115	83	80	114	67	73	75	71	108	83	124	80	74	87	82	76	69	80	77	81	77					
BJG 070147			78	75	68	19	56	61	48	58	1.00	9.3	-0.73	-0.1	9.6	15	56	5.7	21.8	0.0	21.1	5	11	18	10	6	20	
											81	75	65	68	60	19	46	51	58	32	79	48	47					
BJG 080192	WH 030965 BJG 060093		121	72	85	127	71	72	67	69	122	72	101	85	66	76	72	72	92	70	73	69	64					
FIRE			79	84	63	21	55	64	43	60	-0.04	3.9	-0.07	1.4	3.3	3	18	3.3	3.3	3.0	19.2	-3	-4	30	28	1	5	
											85	84	56	63	59	21	41	46	56	28	80	43	41					
BJG 130041	AA 010117 BJG 100238		105	69	32	134	61	37	73	40	117	69	64	32	76	75	73	68	73	73	60	74	68					
BUTTON			88	81	75	23	62	67	53	64	0.35	2.8	1.02	-13.4	10.7	1	22	0.9	18.5	2.1	13.5	0	0	61	20	14	28	1
											92	81	75	75	68	23	50	56	64	35	86	55	52					
BJG 230127	MC 190366 MC 140503		96	129	119	69	114	132	110	129	92	129	112	119	129	135	115	112	100	114	125	114	122					
RASSIE			67	68	51	42	39	54	48	53	2.21	30.4	-0.39	11.1	50.4	68	186	25.9	-3.9	-10.3	42.3	26	62	1				
											72	68	48	51	62	42	46	49	41	24	52	49	48					
DC 120249	KC 030676 DC 060645		93	95	91	107	104	92	90	91	92	95	104	91	84	93	86	85	101	104	108	100	94					
UITKLOP			79	93	84	46	70	75	51	70	2.19	14.9	-0.15	3.2	16.8	21	71	10.3	-4.1	-7.3	34.7	17	30	15	72	33	62	2
											81	93	72	84	85	46	48	55	78	44	87	56	54					
HL 200027	HL 150073 HL 140291		97	107	107	97	92	104	120	108	102	107	86	107	115	101	117	93	93	92	104	118	118					
KERNEELS			71	86	51	17	36	58	70	60	1.48	20.1	0.39	7.6	40.0	30	191	15.0	2.5	-3.8	33.2	28	57	34	32		1	
											85	86	21	51	62	17	65	75	32	18	57	76	73					
JEV 210095	TA 100012 OJ 160204		83	107	117	92	79	96	126	102	92	107	75	117	113	107	129	115	76	85	99	132	122					
JEV 210095			76	68	59	52	42	58	66	60	2.16	20.0	0.71	10.4	38.0	36	239	27.5	15.7	-1.6	30.9	37	61	13				
											82	68	56	59	60	52	63	70	42	23	61	72	68					
JJB 170119	KV 110255 JJB 140078		77	90	94	107	109	82	88	82	75	90	108	94	90	93	85	84	120	101	95	92	83					
JJB 170119			67	69	46	27	52	54	38	51	3.44	12.1	-0.27	4.0	21.4	21	70	10.1	-20.3	-6.4	29.1	12	18	11	9		1	
											73	69	47	46	66	27	36	41	63	27	65	42	40					
MC 090766	MC 030761 MC 040855		108	81	93	109	80	77	90	78	108	81	97	93	80	91	88	89	91	84	76	68	78					
HENTIE			83	87	70	49	60	70	72	70	0.98	8.2	0.07	3.6	14.1	19	81	12.6	3.6	-1.1	20.6	-4	12	38	33	5	13	
											88	87	63	70	70	49	68	76	60	37	84	78	75					
MC 160838	MC 110075 MC 120266		118	91	92	110	121	107	78	101	117	91	99	92	85	89	84	125	134	106	103	97	88					
MC160838			91	93	80	70	65	78	84	79	0.31	12.7	-0.02	3.5	17.5	17	65	33.0	-31.4	-8.0	32.5	15	24	93	92	20	38	18
											95	93	78	80	90	70	81	86	73	41	81	87	85					

Sires

Bull			Selection Values								Calf		Dam		Growth			Fertility				Frame		Measured Progeny					
ID	Index EBV Acc	Sire ID Dam ID	Calv.	Calf	Milk	Maint.	Fertility	Cow	Growth	Prod	Birth	Wean	Birth	Wean	Post wn	Mature	ADG	Scrotal	Heifer	Cow	Long-	Height	Length	Birth	Wean	Dgt/Calvs.	Grwth		
			Ease	Grwth	Value	Value	Value	Value	Value	Value	Dir	Dir	Mat.	Mat.	wt	weight		Circ.	Fertility	Fertility	evity			wt	wt		Test		
MC	170028	NV 080033 MC 060260	102	114	99	79	78	100	110	102	95	114	117	99	119	124	109	121	60	97	98	109	110		124	101	10	12	29
	MC170028		91	94	78	64	64	78	90	80	1.94	23.5	-0.53	5.5	42.4	55	159	30.5	29.3	-5.2	30.3	22	48						
			96	94							96	94	72	78	90	64	87	91	75	36	81	92	91						
MC	190366	MC 160776 MC 160869	118	121	107	73	112	129	106	126	111	121	116	107	116	130	109	106	102	110	123	108	115		77	62	4	4	5
	MC190366		86	91	69	55	49	71	68	70	0.75	26.6	-0.51	7.7	40.7	62	162	22.2	-5.6	-9.1	41.5	22	54						
			94	91							94	91	59	69	87	55	66	72	53	24	69	73	71						
NV	090013	CU 000185 NV 020366	91	122	110	73	128	125	105	122	85	122	117	110	122	131	107	124	132	124	92	119	121			32	10	44	15
	NV09013		76	88	79	59	64	72	83	74	2.70	27.3	-0.53	8.4	44.8	62	154	32.6	-30.1	-13.3	27.7	29	61						
											75	88	79	79	82	59	80	85	63	44	86	86	84						
WH	080254	WH 000729 WH 040027	114	79	66	119	79	68	73	67	113	79	102	66	71	83	76	76	79	87	90	82	75			9	4	7	
	VOLKSMAN		43	72	61	24	55	53	48	52	0.66	7.1	-0.10	-3.8	6.9	11	32	5.5	13.7	-2.1	26.7	6	9						
											44	72	41	61	49	24	46	50	61	35	70	46	45						
WH	140588	WH 070164 AA 060661	112	70	66	122	96	67	60	63	117	70	84	66	77	80	66	57	111	90	90	62	58		53	34	25	37	2
	PATAT		88	87	80	44	66	73	53	69	0.34	3.2	0.45	-3.9	11.2	8	-4	-5.3	-12.5	-3.0	26.8	-7	-11						
											91	87	77	80	81	44	50	56	74	42	82	57	55						
WH	170708	AA 080812 WH 100324	117	94	80	105	90	90	94	90	117	94	98	80	96	95	88	96	94	91	95	97	88		75	66	8	8	7
	WH170708		86	91	69	41	61	71	71	71	0.35	14.0	0.04	0.0	25.5	23	80	16.6	1.5	-3.4	29.1	15	24						
											93	91	60	69	82	41	68	75	70	37	77	75	73						
WH	170737	AA 080812 WH 100339	107	76	100	120	79	78	76	76	107	76	100	100	85	80	75	69	90	79	87	84	74		41	35			1
	BOKSER		80	86	60	32	56	65	53	63	1.10	5.8	-0.03	5.8	17.5	7	29	1.3	4.3	0.2	25.3	7	8						
											88	86	51	60	74	32	51	56	63	33	72	57	55						

Growth Tests

Green: >120 High
White: 80-120 Average
Orange: <80 Low

Animal			Weight			Frame				Growth	
Test Code	Sex	Test no	Cow Value	Wean dir	End- weight	Length	Height	Length/ Height	Scrotum	ADG	Growth Value
Test station		ID									
202301	D11	M									
		0657742AFR									
CRONJE		MC 220152	100	118	116	115	124	96	132	119	121
		5514421618	56	69	50	53	32	1.15	37.0	201	71
		MC 170028			74	73	76	74	75	67	
		MC 140563									

Breeding Values and Accuracies: Bulls

Green: >120 High
White: 80-120 Average
Orange: <80 Low

Inbreeding in red is high

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

Animal				Selection Values							Birth		Wean				Growth		Fertility				Frame		
Index EBV Acc	ID Number Name	% Inbreeding	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length
MC 220152 5514421618 MC220152	3	MC 170028 MC 140563	87 67	118 69	85 56	92 46	93 43	100 56	121 71	104 59	85 2.72 71	108 -0.27 53	109 39 46	118 25.3 69	85 1.4 56	98 83 57	119 43.0 64	119 201 67	132 37.0 75	81 11.9 49	104 -7.4 26	96 29.7 54	124 32 76	115 53 73	
BJG 230127 96910765 RASSIE	2	MC 190366 MC 140503	96 67	129 68	119 51	69 42	114 39	132 54	110 48	129 53	92 2.21 72	112 -0.39 48	135 68 42	129 30.4 68	119 11.1 51	117 128 54	129 50.4 62	115 186 46	112 25.9 49	100 -3.9 41	114 -10.3 24	125 42.3 52	114 26 49	122 62 48	
BJG 240163 97731822 CRUISER	1	WH 170708 BJG 160149	95 54	95 67	94 51	106 23	88 40	87 49	95 43	88 48	100 1.60 57	86 0.38 45	93 21 23	95 14.5 67	94 4.0 51	95 75 47	90 21.1 50	97 113 40	95 16.1 45	97 -1.3 45	85 -1.4 23	97 30.2 52	102 18 46	94 30 44	
BJG 250199 98438583 CRUISER	2	WH 170708 MC 140503	100 57	106 59	109 53	89 38	101 43	107 49	93 48	105 49	100 1.62 59	100 -0.03 48	111 40 38	106 19.8 59	109 8.2 53	106 101 50	107 34.1 54	96 109 47	99 18.5 50	99 -2.6 47	103 -7.0 28	100 31.3 53	99 16 50	99 35 49	
BJG 250205 99882656 RANGER	1	JEV 210095 BJG 200267	97 62	90 48	95 45	105 29	87 32	84 43	92 37	84 42	102 1.43 67	85 0.40 44	95 23 29	90 12.4 48	95 4.4 45	91 67 41	93 23.2 42	96 112 35	89 12.5 39	91 3.8 36	87 -2.2 19	98 30.5 42	99 16 40	91 27 38	
BJG 250206 99882664 DUINEVELD		JEV 210095 BJG 170211	91 63	90 46	89 45	103 28	83 33	76 42	92 38	78 41	101 1.56 68	72 0.78 46	97 25 28	90 12.5 46	89 2.5 45	85 53 40	93 23.5 39	97 114 35	91 13.8 39	83 9.9 36	89 -2.6 18	91 27.5 44	101 17 40	93 29 38	
BJG 260208 99882672 MOKALA	1	JEV 210095 BJG 210031	93 60	100 48	107 41	103 31	85 32	95 42	109 40	98 42	101 1.55 66	79 0.58 38	95 24 31	100 17.0 48	107 7.7 41	109 107 40	101 29.6 44	111 170 37	104 21.0 42	89 5.4 35	85 -1.4 18	101 31.9 42	115 26 42	106 44 41	
BJG 260209 99882680 DIESEL		JEV 210095 BJG 170209	87 62	92 43	71 44	111 27	85 29	70 40	94 35	73 39	98 1.74 67	68 0.90 44	90 19 27	92 13.3 43	71 -2.6 44	75 28 38	94 24.5 36	95 107 33	91 14.0 37	91 3.7 32	88 -2.5 14	87 25.5 40	97 15 37	89 24 36	
BJG 260212 6020088719 BJG 260212	1	JEV 210095 BJG 220044	97 60	101 47	97 41	104 32	81 31	92 42	109 40	95 42	101 1.53 66	89 0.30 39	95 24 32	101 17.6 47	97 4.8 41	101 90 40	103 30.6 43	108 157 37	103 20.4 42	85 8.4 35	83 -1.0 18	93 28.3 41	114 26 42	105 42 40	
BJG 260213 6020088727 BJG 260213	1	JEV 210095 BJG 210029	118 60	91 47	86 41	94 31	83 32	86 42	101 38	88 41	121 0.01 66	90 0.25 39	106 36 31	91 13.0 47	86 1.8 41	80 40 40	95 24.8 43	103 136 37	98 17.8 41	83 9.9 35	87 -2.2 18	98 30.5 42	108 21 41	99 36 40	
BJG 260215 6020088685 BJG 260215	1	JEV 210095 BJG 140102	111 63	83 50	87 47	110 28	69 33	73 44	97 41	76 43	116 0.42 68	84 0.45 47	90 18 28	83 9.0 50	87 1.9 47	80 41 42	90 21.1 41	98 118 39	87 11.7 43	71 20.4 34	78 0.8 19	91 27.2 46	98 15 43	91 27 41	

Breeding Values and Accuracies: Bulls

Green: >120 High
White: 80-120 Average
Orange: <80 Low

Inbreeding in red is high

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

Animal			Selection Values									Birth		Wean				Growth		Fertility				Frame	
Index EBV Acc	ID Number Name	Sire ID Dam ID	% Inbreeding	Calv. Ease V	Calf Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length
	BJG 260222	JEV 210095		80	98	113	103	83	89	106	92	90	74	95	98	113	111	96	112	100	90	81	99	113	105
	6020105380	1 BJK 160149		51	50	47	28	32	42	41	42	2.34	0.73	24	16.0	9.4	114	25.8	170	18.8	4.8	-0.3	30.8	25	42
	KALAHARI											53	44	28	50	47	42	41	38	43	35	18	44	44	42

Breeding Values and Accuracies: Cows

Green: >120 High
White: 80-120 Average
Orange: <80 Low

Inbreeding in red is high

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

Animal			Selection Values								Birth		Wean				Growth		Fertility				Frame	
Index EBV Acc	% Inbreeding	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length
ID Number Name																								
BJG 120005 74498627 KELLY		AA 010117 BJG 060117	120 75	82 71	87 70	110 19	63 52	75 59	91 58	77 59	117 0.31 75	106 -0.22 77	90 18 19	82 8.8 71	87 2.1 70	81 42 53	83 15.8 52	89 84 55	83 9.3 62	68 22.2 51	80 0.0 34	58 12.8 70	93 12 61	88 23 58
BJG 130051 76795400 LUCKY	3	BJG 070147 BJG 080191	103 73	77 59	71 64	125 13	85 45	68 51	60 32	63 47	102 1.45 74	103 -0.11 71	78 5 13	77 6.1 59	71 -2.4 64	68 11 45	70 6.7 47	65 -10 30	64 -1.1 34	98 -1.9 45	84 -1.2 25	85 24.5 66	70 -2 30	64 -3 29
BJG 130055 76846591 RUBY	1	AA 010117 BJG 070139	105 74	85 64	85 69	114 28	64 49	72 56	83 46	72 54	107 1.07 75	93 0.17 72	86 14 28	85 10.2 64	85 1.4 69	83 47 54	83 15.8 54	80 48 45	80 7.7 49	78 14.2 54	72 2.4 30	64 15.1 63	91 11 46	82 16 44
BJG 140102 80817455 RODRICK	1	AA 010117 BJG 110290	106 77	71 73	59 74	134 19	60 50	51 60	67 48	51 58	108 1.03 77	94 0.14 76	74 0 19	71 3.6 73	59 -5.9 74	54 -21 55	77 11.4 57	66 -4 45	59 -4.1 50	65 25.1 55	70 3.1 29	82 23.5 67	64 -6 49	60 -8 47
MC 140503 79635454 140503		NV 090013 MC 060260	83 74	119 77	133 79	74 63	112 58	123 68	92 66	117 68	83 2.89 73	103 -0.11 76	126 58 63	119 25.7 77	133 15.0 79	124 144 73	119 42.8 71	103 137 64	103 20.4 66	104 -6.8 62	115 -10.6 42	103 32.5 69	100 17 67	109 47 65
BJG 160149 82962002 NEW YEAR	4	BJG 080192 BJG 060103	78 67	89 72	109 73	116 20	86 50	83 58	86 48	82 56	88 2.52 67	73 0.76 68	83 11 20	89 12.1 72	109 8.3 73	108 107 55	80 13.6 56	94 102 44	84 10.1 51	103 -6.1 57	77 1.0 28	99 30.8 64	94 13 52	87 22 49
BJG 160152 83844027 RUBY		MC 090766 BJG 070139	103 75	90 71	85 72	102 30	88 50	81 60	83 43	80 57	101 1.56 76	106 -0.20 72	98 27 30	90 12.4 71	85 1.4 72	81 43 58	81 14.5 53	83 60 41	86 11.3 45	102 -5.0 58	85 -1.5 28	86 25.3 65	82 5 44	81 16 42
BJG 170209 5508879490 PEARL		BJG 100238	95 70	76 54	31 65	135 11	91 40	50 48	63 22	49 43	108 1.04 71	62 1.09 67	74 1 11	76 5.9 54	31 -13.8 65	34 -69 43	75 10.1 38	61 -25 21	67 0.6 23	106 -8.3 49	91 -3.3 18	75 20.0 53	62 -8 20	55 -14 19
BJG 170211 5508879466 DIMPLES	8	BJG 130041 BJG 060115	91 76	77 62	61 67	116 18	87 50	56 55	59 34	53 51	101 1.50 77	71 0.83 72	86 14 18	77 6.3 62	61 -5.2 67	57 -15 49	76 10.6 50	65 -11 33	66 0.1 36	91 4.1 58	92 -3.6 29	84 24.1 64	71 -2 33	64 -3 32
BJG 180224 5511687310 MITSY	2	BJG 130041 BJG 070141	104 74	73 63	57 70	129 14	68 42	52 53	67 34	52 49	112 0.73 75	78 0.61 69	76 3 14	73 4.3 63	57 -6.3 70	53 -23 49	72 7.8 51	69 6 32	62 -2.6 36	73 18.5 44	79 0.2 22	75 20.3 61	69 -3 34	66 -1 33
BJG 180235 5509962956 SOJIE	1	WH 140588 BJG 110278	110 74	67 61	63 65	122 25	94 45	61 54	56 34	57 50	120 0.08 75	69 0.86 71	81 8 25	67 1.8 61	63 -4.6 65	52 -26 50	70 6.1 54	61 -25 32	60 -3.6 36	107 -9.5 48	88 -2.6 26	92 27.6 61	64 -6 34	59 -10 32
BJG 190042 5512736645 GOLDEN GIRL		WH 140588 BJG 120042	107 66	83 65	91 65	119 22	91 46	85 53	78 29	83 48	99 1.64 68	121 -0.65 57	82 9 22	83 9.3 65	91 3.2 65	89 61 51	80 13.9 56	84 66 27	81 8.5 31	107 -9.7 52	80 0.2 29	105 33.4 57	85 7 31	80 14 30

Breeding Values and Accuracies: Cows

Green: >120 High
White: 80-120 Average
Orange: <80 Low

Inbreeding in red is high

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

Animal		Selection Values									Birth		Wean				Growth		Fertility				Frame	
Index EBV Acc																								
ID	% Inbreeding	Sire ID									Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length
Number		Dam ID	Calv. Ease V	Calf Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value														
Name																								
BJG 190260	1	WH 140588	106	82	95	113	95	85	79	83	109	89	87	82	95	89	76	87	76	107	85	103	85	79
5511058934		BJG 160149	70	69	68	24	44	56	36	52	0.90	0.28	14	8.7	4.3	60	11.2	74	5.7	-9.6	-1.6	32.7	7	13
DALE											72	65	24	69	68	54	64	33	38	50	25	58	39	37
WH 190883	1	WH 080254	108	77	67	120	85	67	72	66	113	85	82	77	67	63	74	72	75	87	89	93	75	71
5510770836		AA 060661	60	68	67	34	46	55	38	52	0.62	0.42	10	6.4	-3.5	1	9.4	19	4.7	6.8	-2.7	28.1	1	4
PAT											60	61	34	68	67	56	50	37	40	49	31	59	39	38
BJG 200267	1	WH 140588	113	68	73	120	95	66	58	62	128	95	82	68	73	60	68	63	62	105	89	97	67	61
5511268608		BJG 110278	73	68	69	25	49	57	34	52	-0.46	0.11	10	2.1	-2.0	-8	4.9	-16	-2.5	-8.1	-2.8	30.2	-4	-7
REWARD											74	69	25	68	69	54	59	32	36	57	31	59	34	32
BJG 200275	1	WH 140588	115	79	83	115	69	71	70	69	112	108	85	79	83	76	76	77	69	67	77	100	76	70
5511793217		BJG 140088	70	66	60	22	48	54	34	50	0.73	-0.27	13	7.0	0.8	30	10.8	36	1.4	23.5	0.9	31.3	1	3
ALLY											72	62	22	66	60	49	65	32	36	58	28	57	36	35
BJG 210002	1	WH 170708	102	90	86	118	86	85	88	85	108	81	83	90	86	90	89	85	89	81	95	93	91	84
5513045673		BJG 170212	66	64	54	31	44	52	38	49	0.99	0.52	10	12.5	1.9	64	20.2	67	12.5	11.8	-4.6	28.3	11	19
PEARL											70	50	31	64	54	50	61	35	39	54	25	53	39	38
BJG 210005	1	WH 170708	98	87	72	114	96	76	75	74	102	90	88	87	72	73	87	74	78	104	91	98	81	73
5513045707		BJG 180235	67	64	48	24	44	51	40	49	1.46	0.27	15	10.8	-2.1	24	18.9	28	6.5	-7.2	-3.4	30.2	4	7
LILLY											71	53	24	64	48	45	62	37	41	53	23	55	41	40
BJG 210007	1	WH 170708	110	81	71	130	98	82	76	79	126	83	75	81	71	73	85	75	81	104	95	98	81	75
5513045715		BJG 100238	67	68	58	32	47	55	42	52	-0.34	0.45	2	8.3	-2.5	24	17.4	30	8.1	-7.0	-4.6	30.4	5	8
FLIRT											71	54	32	68	58	53	64	40	44	55	29	58	42	41
BJG 210024		WH 140588	102	80	86	121	98	81	81	80	106	89	80	80	86	83	87	84	84	115	86	98	84	78
5513332097		BJG 090541	61	60	53	33	44	50	26	45	1.19	0.30	7	7.9	1.8	47	19.0	63	9.8	-15.7	-1.8	30.6	7	12
SOCKS											64	50	33	60	53	49	60	25	28	52	25	56	29	28
BJG 210029	1	WH 170708	124	87	58	97	88	74	76	73	121	107	106	87	58	56	86	76	81	91	89	97	83	76
5513332121		BJG 170211	67	66	56	31	46	54	40	51	0.01	-0.25	36	11.1	-6.2	-17	18.2	33	8.1	4.1	-2.8	30.1	6	10
SWEETHEART											71	53	31	66	56	51	63	38	42	56	27	55	41	40
BJG 210030	2	WH 170708	93	95	85	97	89	80	87	80	93	102	103	95	85	83	92	84	90	100	84	99	88	84
5513332139		BJG 160152	67	68	57	34	46	55	42	52	2.15	-0.10	32	14.5	1.4	47	23.0	66	13.4	-3.7	-1.1	30.8	9	18
RUBY											71	53	34	68	57	53	63	40	44	56	26	56	44	42
BJG 210031	1	WH 170708	103	94	98	117	91	96	92	94	109	84	83	94	98	102	90	93	92	101	84	103	98	90
5513340983		BJG 160149	66	68	57	32	46	55	43	53	0.96	0.45	11	14.0	5.1	93	21.3	100	14.6	-4.8	-1.2	32.8	16	26
SWEETIE											70	52	32	68	57	52	64	40	45	56	26	56	46	44
BJG 210034	2	WH 170708	85	93	88	113	82	78	82	77	94	76	87	93	88	92	93	81	83	87	86	89	85	80
5513484963		BJG 080181	67	58	51	24	42	49	40	47	2.07	0.68	15	13.9	2.3	68	23.5	54	9.6	7.0	-1.8	26.4	7	14
HOLMESDALE LORRAINE											70	54	24	58	51	44	52	39	43	46	25	56	42	41

Breeding Values and Accuracies: Cows

Green: >120 High
White: 80-120 Average
Orange: <80 Low

Inbreeding in red is high

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

Animal				Selection Values							Birth		Wean				Growth		Fertility				Frame	
Index EBV Acc	% Inbreeding	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length
ID Number Name																								
BJG 210037 5513484989 HOLMESDALEGOLDENGIR	1	WH 170708 BJG 120003	113 63	92 67	87 58	105 33	67 42	81 53	95 42	82 51	130 -0.59 68	100 -0.03 46	95 23 33	92 13.1 67	87 1.9 58	86 53 53	95 24.8 54	91 92 41	95 16.0 45	72 19.3 47	74 2.0 25	91 27.3 55	99 16 45	92 28 43
BJG 210292 5512499731 RUBY	1	WH 140588 BJG 130055	108 69	74 67	76 64	117 34	87 46	68 56	69 36	66 52	114 0.53 71	81 0.52 61	84 12 34	74 5.1 67	76 -1.2 64	67 9 55	78 12.0 48	70 12 34	66 -0.1 37	104 -7.2 55	82 -0.7 26	84 24.3 56	74 0 37	67 0 35
BJG 220042 5513485028 HOLMESDALE LILLY	2	WH 170708 BJG 110278	100 68	82 67	78 59	106 32	95 46	73 55	71 41	70 52	104 1.27 71	87 0.35 55	95 23 32	82 8.5 67	78 -0.4 59	71 19 53	82 15.3 63	70 10 39	78 6.4 43	99 -3.1 55	93 -3.9 27	99 30.9 55	80 4 42	72 5 40
BJG 220043 5513485036 HOLMESDALE PAT		DC 120249 WH 190883	105 62	86 68	81 60	112 37	95 46	82 55	80 32	80 50	106 1.12 66	94 0.13 47	89 17 37	86 10.7 68	81 0.3 60	80 39 55	79 12.8 64	78 40 30	79 6.9 34	93 2.2 56	96 -5.0 27	106 33.8 56	86 8 34	81 16 33
BJG 220044 5513485044 HOLMESDALE RUBY	1	WH 170708 BJG 130055	107 67	98 66	77 57	118 33	83 45	89 54	91 42	88 52	106 1.17 71	103 -0.11 53	84 11 33	98 15.8 66	77 -0.8 57	88 60 52	94 23.9 62	87 74 41	90 13.4 45	94 1.1 55	82 -0.5 27	88 25.8 54	97 15 44	88 23 43
BJG 220050 5514511517 GOLDEN GIRL	1	WH 170708 BJG 120042	117 61	80 60	93 45	117 21	84 36	85 46	87 38	84 44	131 -0.71 65	117 -0.52 48	83 10 21	80 7.9 60	93 3.8 45	88 58 42	81 14.8 45	87 75 36	93 15.3 39	97 -1.3 39	78 0.7 21	98 30.3 49	93 12 40	86 21 38
BJG 220054 5514511525 ESSENCE	1	WH 170708 BJG 190259	108 66	77 65	72 48	123 24	96 40	75 50	73 38	73 48	113 0.63 70	85 0.42 51	80 7 24	77 6.5 65	72 -2.2 48	69 13 46	84 17.1 62	71 15 36	75 4.8 40	110 -11.6 44	88 -2.5 24	97 30.1 53	76 1 41	68 1 39
BJG 220055 5514511533 FLIRT		WH 170737 BJG 170209	95 65	80 62	62 45	128 17	87 36	64 47	68 29	62 43	102 1.44 69	80 0.57 50	77 4 17	80 7.5 62	62 -5.0 45	63 0 41	82 15.5 56	66 -4 27	67 0.2 31	97 -1.4 40	86 -1.7 19	87 25.7 48	71 -1 30	63 -5 29
BJG 220062 5514511558 LORRAINE	1	WH 170737 BJG 180224	107 66	70 64	80 47	130 17	70 42	62 49	67 32	60 46	110 0.87 70	89 0.28 50	75 2 17	70 2.9 64	80 0.2 47	71 19 43	75 10.1 54	67 -1 30	61 -2.9 33	74 17.3 54	77 1.0 20	87 25.5 52	71 -1 33	65 -2 32
BJG 220063 5514511624 PEARL	1	JJB 170119 BJG 200270	100 62	81 60	86 39	114 18	111 41	84 46	74 26	81 42	98 1.73 66	104 -0.15 47	86 14 18	81 8.2 60	86 1.8 39	81 42 39	80 13.8 61	76 33 24	72 3.2 27	122 -21.3 56	102 -6.8 20	95 29.2 48	81 5 27	74 8 26
BJG 220065 5514511632 SWEETIE	1	JJB 170119 BJG 190260	90 63	85 61	96 42	112 18	106 40	85 47	81 26	83 43	91 2.29 67	98 0.01 48	87 15 18	85 9.9 61	96 4.5 42	91 66 40	85 17.3 62	83 60 24	78 6.4 28	120 -20.1 55	94 -4.2 18	102 32.2 47	86 8 29	78 12 27
BJG 220066 5514511640 LASSIE	1	JJB 170119 BJG 200276	90 62	80 60	82 39	120 18	103 42	75 46	74 25	73 42	89 2.38 66	103 -0.13 47	82 9 18	80 7.7 60	82 0.7 39	79 37 39	81 14.3 62	74 26 23	71 2.4 27	116 -17.0 56	95 -4.5 21	91 27.1 48	77 2 27	70 3 26

Breeding Values and Accuracies: Cows

Green: >120 High
White: 80-120 Average
Orange: <80 Low

Inbreeding in red is high

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

Animal		Selection Values									Birth		Wean				Growth		Fertility				Frame	
Index EBV Acc																								
ID	% Inbreeding	Sire ID									Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length
Name		Dam ID	Calv. Ease V	Calf Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value														
BJG 220068 5514511657 LILLY	1	JJB 170119 BJG 200267	115 63	74 61	82 42	117 18	107 41	82 47	69 26	77 43	111 0.76 67	109 -0.30 49	84 12 18	74 5.0 61	82 0.7 42	72 22 40	74 9.6 61	70 10 24	69 1.7 27	120 -19.7 56	96 -4.8 21	100 31.1 47	75 1 27	68 1 26
BJG 220069 5514511665 MISS WORLD		JJB 170119	85 42	74 34	109 23	138 14	95 28				86 2.67 43	100 -0.04 38	71 -3 14	74 5.0 34	109 8.2 23	103 93 24	83 16.0 32	82 57 18	90 13.6 21	127 -25.7 31	72 2.5 14	102 32.3 40	89 10 21	82 16 20
BJG 220072 5514511681 JESSICA		JJB 170119 BJG 120037	77 63	87 61	111 41	107 15	111 42	89 47	79 28	86 43	77 3.29 67	101 -0.06 48	91 19 15	87 11.0 61	111 8.8 41	103 95 39	85 17.2 60	81 54 26	81 8.4 29	127 -25.5 56	100 -6.1 21	91 27.2 49	90 10 26	83 17 25
BJG 220076 5514511707 RUBY	1	WH 170737 BJG 160152	108 66	80 65	93 48	112 22	86 43	80 51	77 34	78 48	108 0.98 70	98 0.02 51	87 15 22	80 7.8 65	93 3.7 48	85 51 45	80 13.9 62	76 35 33	75 5.1 36	98 -2.3 56	82 -0.7 22	91 27.3 52	80 4 36	75 9 35
BJG 220078 5514511772 MISS WORLD		WH 170708 BJG 190035	122 63	78 62	87 43	122 24	94 42	86 48	80 38	84 46	121 0.03 67	100 -0.03 47	79 6 24	78 6.6 62	87 1.9 43	81 43 43	87 19.0 62	79 47 36	86 10.8 40	114 -15.4 55	80 0.0 21	97 30.2 49	85 7 40	78 12 39
BJG 220079 5514511780 RED MARY	1	WH 170737 BJG 120022	85 64	85 65	87 47	118 19	77 44	69 50	82 35	70 47	92 2.22 69	83 0.47 48	83 10 19	85 10.1 65	87 2.1 47	86 55 44	90 20.9 64	80 50 33	74 4.2 37	85 8.4 57	79 0.4 24	89 26.6 52	86 8 36	78 12 35
BJG 220086 5514511848 CANDY	1	JJB 170119 BJG 180240	81 63	84 60	87 40	113 18	101 41	75 46	78 24	74 42	83 2.82 67	93 0.17 48	87 15 18	84 9.7 60	87 2.1 40	84 49 39	83 16.2 59	79 45 23	76 5.3 26	116 -16.9 56	93 -4.0 19	91 27.2 48	84 6 27	76 10 26
BJG 220088 5514511863 JESSICA	1	WH 170708 BJG 200275	96 66	93 65	82 46	108 24	77 44	77 51	85 40	77 49	99 1.68 70	91 0.22 50	93 21 24	93 13.8 65	82 0.7 46	84 51 45	90 21.1 64	85 69 37	85 10.4 41	73 18.1 58	84 -1.1 23	100 31.5 51	89 10 42	82 17 40
MC 220071 5514236479 MC220071	4	MC 160838 MC 190379	104 69	100 67	106 54	104 45	120 42	114 55	86 50	109 54	107 1.05 72	90 0.27 57	94 23 45	100 17.1 67	106 7.4 54	108 106 55	99 27.6 62	95 105 48	121 31.0 52	124 -23.1 46	113 -10.2 27	102 32.0 53	93 12 52	92 28 51
BJG 230091 5514542942 LUCKY	1	WH 170737 BJG 130051	113 66	72 62	85 44	126 17	83 37	74 48	65 31	70 45	110 0.85 70	107 -0.25 51	77 3 17	72 4.1 62	85 1.6 44	77 33 41	74 9.4 50	66 -4 30	64 -1.5 33	95 0.7 39	81 -0.4 21	91 27.2 52	73 0 32	66 -2 31
BJG 230097 95273777 IRIS	1	WH 170708 BJG 180234	117 66	84 64	76 47	115 24	90 39	83 50	76 40	80 48	120 0.15 70	91 0.22 50	86 14 24	84 9.8 64	76 -1.1 47	75 28 45	87 19.0 56	76 35 38	75 5.1 42	94 1.7 44	90 -3.2 23	98 30.5 51	77 2 42	72 5 41
BJG 230106 96059076 IRIS	1	WH 170737 BJG 110290	113 64	80 65	84 49	121 17	82 39	79 49	69 36	75 46	109 0.93 69	109 -0.28 46	80 7 17	80 7.6 65	84 1.3 49	81 42 44	79 13.4 56	72 17 34	63 -1.6 38	87 6.9 42	84 -1.1 22	95 29.2 52	72 -1 39	68 0 37

Breeding Values and Accuracies: Cows

Green: >120 High
White: 80-120 Average
Orange: <80 Low

Inbreeding in red is high

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

Animal		Selection Values							Birth		Wean				Growth		Fertility				Frame	
Index EBV Acc																						
ID	% Inbreeding	Sire ID							Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length
Name		Dam ID																				
BJG 230114 97663363 MISS WORLD		WH 170708	115	74	100	136	86		112	105	72	74	100	95	84	83	96	114	67	104	92	84
			43	45	35	21	32		0.70	-0.17	-2	5.1	5.8	74	16.6	62	16.8	-14.8	4.1	33.3	11	19
									46	30	21	45	35	34	42	34	37	35	18	43	38	37
BJG 230116 96488515 DIMPLES	1	WH 170737 BJG 120023	115	76	83	122	72	71	114	101	80	76	83	76	78	72	68	81	74	90	81	72
			63	65	46	18	40	49	0.57	-0.06	7	5.8	0.9	31	12.2	17	1.1	11.9	1.8	26.7	5	5
									68	43	18	65	46	43	56	34	37	43	24	52	36	35
BJG 230117 96488523 PEARL	1	WH 170708 BJG 200270	112	84	81	113	98	85	114	94	87	84	81	79	86	78	78	103	96	98	84	77
			63	56	46	24	40	46	0.59	0.16	15	9.7	0.4	37	17.9	40	6.6	-6.1	-4.9	30.2	6	11
									69	43	24	56	46	42	51	38	42	46	23	52	41	40
BJG 230124 96488556 SWEETHEART	1	WH 170708 BJG 170211	106	86	70	112	90	75	112	84	89	86	70	70	87	75	80	92	92	96	82	75
			65	64	49	23	40	50	0.75	0.43	17	10.5	-2.7	17	19.2	29	7.5	2.8	-3.5	29.6	5	8
									70	47	23	64	49	45	56	38	42	45	23	53	41	40
BJG 230126 96488572 BLOSSOM	1	WH 170708 BJG 210291	117	89	72	114	86	83	117	97	87	89	72	75	89	79	80	90	87	96	83	76
			62	65	46	24	39	49	0.31	0.07	15	11.8	-2.3	28	20.7	46	7.5	4.8	-2.2	29.5	6	10
									68	41	24	65	46	45	56	37	41	45	22	51	41	40
BJG 240147 97356943 24 147	1	WH 170737 BJG 190042	104	85	94	118	86	85	99	112	82	85	94	93	86	81	77	97	80	101	86	79
			52	64	45	20	37	46	1.67	-0.38	9	10.1	4.1	70	18.5	54	5.8	-1.5	-0.1	31.9	8	13
									56	39	20	64	45	43	46	29	32	41	22	49	32	31
BJG 240154 97353007 24 154	2	WH 170708 BJG 140088	124	86	87	110	79	86	117	116	90	86	87	83	83	84	85	78	85	97	89	81
			57	57	50	22	39	46	0.32	-0.49	18	10.3	2.1	48	16.1	65	10.7	14.2	-1.5	30.1	10	16
									60	46	22	57	50	43	51	39	44	44	23	50	44	42
BJG 240155 97353015 24 155	1	WH 170737 BJG 180234	113	74	86	122	84	75	113	99	79	74	86	78	79	70	62	92	84	89	71	66
			54	54	43	20	37	43	0.66	0.01	6	4.9	1.8	34	13.1	10	-2.4	2.8	-1.3	26.6	-1	-2
									57	41	20	54	43	39	46	31	34	42	22	46	34	33
BJG 240170 97997357 ESSENCE		WH 170708 BJG 110260	104	85	85	118	90	82	105	96	82	85	85	85	91	82	88	105	84	90	89	81
			65	67	53	22	39	51	1.21	0.10	10	10.2	1.4	52	21.6	56	12.0	-7.7	-1.3	26.9	10	15
									70	49	22	67	53	47	48	35	39	43	23	52	39	38
BJG 240172 97991178 DAHLIA	1	WH 170737 BJG 120023	119	74	83	123	70	71	118	100	79	74	83	75	77	70	67	82	74	82	79	70
			63	65	46	18	39	49	0.25	-0.04	6	4.8	0.9	29	11.7	10	0.2	11.3	1.9	23.4	3	3
									68	43	18	65	46	43	48	34	37	43	24	51	36	35
BJG 240174 97991186 LORRAINE	1	WH 170708 BJG 180224	113	80	69	119	79	70	117	87	83	80	69	67	82	74	75	84	85	84	79	73
			64	65	50	22	38	50	0.33	0.35	10	7.7	-3.0	10	15.1	28	5.0	9.4	-1.5	24.3	3	6
									69	46	22	65	50	46	48	38	41	41	22	50	41	40
BJG 240179 97991210 ACTRESS	1	WH 170737 BJG 140102	105	71	81	135	69	64	106	97	73	71	81	74	80	65	59	79	74	84	68	62
			64	66	48	19	38	50	1.18	0.07	0	3.7	0.3	25	13.5	-8	-3.9	13.8	1.8	24.3	-3	-6
									69	46	19	66	48	44	47	34	38	42	22	50	37	36

Breeding Values and Accuracies: Cows

Green: >120 High
White: 80-120 Average
Orange: <80 Low

Inbreeding in red is high

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

Animal				Selection Values							Birth		Wean				Growth		Fertility				Frame		
Index EBV Acc	% Inbreeding	Sire ID Dam ID		Calv. Ease V	Calf Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length
ID Number Name																									
BJG 240180 97991228 MILADY	1	WH 170708 BJG 170211		86 65	87 65	74 49	113 23	88 40	68 50	73 40	67 48	92 2.21 70	83 0.45 47	88 16 23	87 10.9 65	74 -1.6 49	75 28 46	88 19.5 48	73 22 38	78 6.7 42	93 2.2 45	91 -3.4 23	89 26.3 51	80 4 41	73 6 40
BJG 240185 98130552 PRINCESS	1	WH 170708 BJG 120005		120 65	82 66	85 50	112 23	77 40	80 51	87 46	80 50	123 -0.10 70	101 -0.05 49	88 16 23	82 8.7 66	85 1.4 50	80 39 46	85 17.6 48	83 59 44	84 10.1 48	82 10.8 43	85 -1.5 25	77 21.1 53	89 10 48	82 16 47
BJG 240186 98130560 PAT	1	WH 170737 WH 190883		112 61	71 66	85 46	127 23	82 37	72 49	68 33	69 46	114 0.53 67	91 0.23 40	76 3 23	71 3.6 66	85 1.5 46	76 30 45	76 10.6 45	67 0 31	66 0.0 35	90 4.3 40	83 -1.0 23	89 26.4 48	73 0 34	66 -1 33
BJG 240191 98130610 AMY	1	WH 170708 BJG 190205		113 64	82 65	74 47	115 24	85 40	76 50	78 38	74 48	117 0.31 69	85 0.39 44	86 14 24	82 8.8 65	74 -1.7 47	71 20 45	85 17.2 50	77 37 37	78 6.5 41	94 1.4 45	85 -1.4 24	90 26.7 50	82 5 41	75 9 40
BJG 240193 98130628 LUCKY	1	WH 170737 BJG 200274		95 62	77 53	72 41	127 17	78 37	63 43	69 31	61 41	99 1.67 68	89 0.30 41	77 3 17	77 6.3 53	73 -2.1 41	70 16 37	82 15.5 48	70 9 29	66 -0.4 33	91 3.7 41	80 -0.1 21	80 22.2 48	76 1 32	68 1 31
BJG 240194 98179104 LADY	1	WH 170708 BJG 200271		101 64	79 66	77 48	123 27	90 40	73 51	72 40	71 49	107 1.07 69	83 0.48 44	79 7 27	79 7.3 66	77 -0.8 48	74 27 47	84 16.6 52	71 15 37	73 3.7 41	100 -3.3 45	89 -2.7 24	87 25.5 50	74 0 41	68 1 40
BJG 250197 98130636 BAGMAN	1	WH 170737 BJG 180214		102 63	81 64	80 48	126 20	69 38	69 49	72 32	68 46	103 1.39 68	96 0.10 43	77 4 20	81 8.4 64	80 0.0 48	80 40 44	85 17.6 46	72 17 30	67 0.3 33	77 15.1 43	77 0.9 20	78 21.4 50	76 2 33	69 3 32
BJG 250202 99953002 CRAZY	2	HL 200027 MC 220071		94 60	106 54	107 37	101 24	106 28	109 42	103 43	108 42	98 1.74 68	88 0.32 31	98 27 24	106 19.8 54	107 7.7 37	111 114 38	109 35.3 44	106 148 41	107 23.0 45	108 -10.3 28	103 -7.0 16	103 32.6 39	106 20 46	105 43 45
BJG 250203 99990475 MOKALA RUBY		JEV 210095 BJG 130055		92 62	97 46	101 46	102 30	71 32	83 42	105 40	87 42	98 1.76 67	84 0.44 46	97 25 30	97 15.5 46	101 5.9 46	100 87 41	98 27.3 40	105 144 39	98 17.6 43	77 15.0 34	79 0.4 19	81 23.0 44	112 24 42	102 39 41
BJG 250204 99766131 MOKALA PRINCESS		JEV 210095 BJG 120005		101 63	95 49	102 46	100 28	71 33	85 43	109 44	89 43	104 1.30 67	90 0.25 48	99 27 28	95 14.6 49	102 6.3 46	98 83 41	98 27.1 40	109 162 42	99 18.4 47	72 19.0 33	83 -0.8 21	79 21.8 46	112 24 47	105 42 45
BJG 250207 99898058 MISS WORLD 25	1	BJG 230127 BJG 220069		83 54	107 38	115 28	95 22	105 24	105 33	95 26	103 32	81 3.04 60	107 -0.23 31	103 32 22	107 19.9 38	115 9.9 28	115 122 29	109 35.0 36	99 121 25	101 19.7 26	114 -14.8 26	93 -3.9 14	113 37.3 33	102 18 27	102 39 26
BJG 260211 99990483 LUCKY		JEV 210095 BJG 130051		107 62	86 45	93 43	107 26	82 31	82 41	93 36	83 40	111 0.79 67	88 0.32 45	92 21 26	86 10.6 45	93 3.7 43	87 57 38	87 19.3 38	97 114 35	90 13.2 39	87 6.9 31	85 -1.4 17	92 27.7 45	101 17 39	93 29 37

Breeding Values and Accuracies: Cows

Green: >120 High
White: 80-120 Average
Orange: <80 Low

Inbreeding in red is high

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

Animal			Selection Values									Birth		Wean				Growth		Fertility				Frame	
Index EBV Acc	ID Number Name	% Inbreeding	Sire ID Dam ID	Calv. Ease V	Calv Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length
BJG 260219 6020088693 MOKALA PAT	1		JEV 210095 WH 190883	93	93	92	105	82	81	99	83	100	80	95	93	92	91	94	101	95	82	87	96	103	97
				61	48	45	31	31	43	38	42	1.58	0.56	23	13.7	3.5	66	24.3	129	16.1	11.2	-2.2	29.5	19	33
												66	42	31	48	45	41	39	36	40	32	19	43	41	39
BJG 260220 6020088701 MOKALA RUBY	1		JEV 210095 BJG 210030	91	100	101	95	84	88	107	91	95	88	105	100	101	98	102	107	103	88	85	99	110	103
				60	48	41	32	32	42	39	41	1.96	0.31	34	16.8	5.8	82	29.9	153	20.5	6.0	-1.4	30.9	23	40
												66	39	32	48	41	40	44	37	41	35	18	42	42	40

Selection List on Cow Value

Bulls 2 years and older

ID Name Sorted on ID			Sire ID	Dam ID	% Inbreeding	Calving Ease Value Acc	Calf Growth Value Acc	Milk Value Acc	Maint. Value Acc	Fertility Value Acc	Cow Value Acc	Growth Value Acc	Prod Value Acc	
						★★★★★								
1	BJG 230127	RASSIE	MC 190366	MC 140503	1.8	9667	12968	11951	6942	11439	13254	11048	12953	
						★★★★☆								
1	MC 220152	MC220152	MC 170028	MC 140563	2.5	8767	11869	8556	9246	9343	10056	12171	10459	
						★★★☆☆								
1	BJG 240163	CRUISER	WH 170708	BJG 160149	1.2	9554	9567	9451	10623	8840	8749	9543	8848	

Selection List on Cow Value

Cows 2 years and older

ID Sorted on ID	Name	Sire ID	Dam ID	% Inbreeding	Calving Ease Value Acc	Calf Growth Value Acc	Milk Value Acc	Maint. Value Acc	Fertility Value Acc	Cow Value Acc	Growth Value Acc	Prod Value Acc	
					★★★★★								
1	MC 140503	140503	NV 090013	MC 060260	0.0	83 74	119 77	133 79	74 63	112 58	123 68	92 66	117 68
					★★★★★								
1	MC 220071	MC220071	MC 160838	MC 190379	4.3	104 69	100 67	106 54	104 45	120 42	114 55	86 50	109 54
					★★★★								
1	BJG 210031	SWEETIE	WH 170708	BJG 160149	1.2	103 66	94 68	98 57	117 32	91 46	96 55	92 43	94 53
					★★★								
1	BJG 160149	NEW YEAR	BJG 080192	BJG 060103	3.9	78 67	89 72	109 73	116 20	86 50	83 58	86 48	82 56
2	BJG 160152	RUBY	MC 090766	BJG 070139	0.2	103 75	90 71	85 72	102 30	88 50	81 60	83 43	80 57
3	BJG 190042	GOLDEN GIRL	WH 140588	BJG 120042	0.3	107 66	83 65	91 65	119 22	91 46	85 53	78 29	83 48
4	BJG 190260	DALE	WH 140588	BJG 160149	0.5	106 70	82 69	95 68	113 24	95 44	85 56	79 36	83 52
5	BJG 210002	PEARL	WH 170708	BJG 170212	0.7	102 66	90 64	86 54	118 31	86 44	85 52	88 38	85 49
6	BJG 210007	FLIRT	WH 170708	BJG 100238	1.3	110 67	81 68	71 58	130 32	98 47	82 55	76 42	79 52
7	BJG 210024	SOCKS	WH 140588	BJG 090541	0.0	102 61	80 60	86 53	121 33	98 44	81 50	81 26	80 45
8	BJG 210030	RUBY	WH 170708	BJG 160152	1.7	93 67	95 68	85 57	97 34	89 46	80 55	87 42	80 52
9	BJG 210037	HOLMESDALEGOLDENGIR	WH 170708	BJG 120003	0.9	113 63	92 67	87 58	105 33	67 42	81 53	95 42	82 51
10	BJG 220043	HOLMESDALE PAT	DC 120249	WH 190883	0.2	105 62	86 68	81 60	112 37	95 46	82 55	80 32	80 50
11	BJG 220044	HOLMESDALE RUBY	WH 170708	BJG 130055	1.3	107 67	98 66	77 57	118 33	83 45	89 54	91 42	88 52
12	BJG 220050	GOLDEN GIRL	WH 170708	BJG 120042	0.9	117 61	80 60	93 45	117 21	84 36	85 46	87 38	84 44
13	BJG 220063	PEARL	JJB 170119	BJG 200270	0.6	100 62	81 60	86 39	114 18	111 41	84 46	74 26	81 42
14	BJG 220065	SWEETIE	JJB 170119	BJG 190260	0.6	90 63	85 61	96 42	112 18	106 40	85 47	81 26	83 43
15	BJG 220068	LILLY	JJB 170119	BJG 200267	0.6	115 63	74 61	82 42	117 18	107 41	82 47	69 26	77 43
16	BJG 220072	JESSICA	JJB 170119	BJG 120037	0.1	77 63	87 61	111 41	107 15	111 42	89 47	79 28	86 43
17	BJG 220076	RUBY	WH 170737	BJG 160152	1.0	108 66	80 65	93 48	112 22	86 43	80 51	77 34	78 48
18	BJG 220078	MISS WORLD	WH 170708	BJG 190035	0.4	122 63	78 62	87 43	122 24	94 42	86 48	80 38	84 46

Selection List on Cow Value

Cows 2 years and older

ID Sorted on ID	Name	Sire ID	Dam ID	% Inbreeding	Calving Ease Value Acc	Calf Growth Value Acc	Milk Value Acc	Maint. Value Acc	Fertility Value Acc	Cow Value Acc	Growth Value Acc	Prod Value Acc	
					★★★★								
19	BJG 230097	IRIS	WH 170708	BJG 180234	1.2	117 66	84 64	76 47	115 24	90 39	83 50	76 40	80 48
20	BJG 230117	PEARL	WH 170708	BJG 200270	1.0	112 63	84 56	81 46	113 24	98 40	85 46	78 40	82 45
21	BJG 230126	BLOSSOM	WH 170708	BJG 210291	1.0	117 62	89 65	72 46	114 24	86 39	83 49	80 38	81 47
22	BJG 240147	24 147	WH 170737	BJG 190042	0.6	104 52	85 64	94 45	118 20	86 37	85 46	79 30	82 43
23	BJG 240154	24 154	WH 170708	BJG 140088	1.8	124 57	86 57	87 50	110 22	79 39	86 46	84 41	84 45
24	BJG 240170	ESSENCE	WH 170708	BJG 110260	0.3	104 65	85 67	85 53	118 22	90 39	82 51	85 36	82 48
25	BJG 240185	PRINCESS	WH 170708	BJG 120005	1.1	120 65	82 66	85 50	112 23	77 40	80 51	87 46	80 50
					★★★								
1	BJG 120005	KELLY	AA 010117	BJG 060117	0.5	120 75	82 71	87 70	110 19	63 52	75 59	91 58	77 59
2	BJG 130055	RUBY	AA 010117	BJG 070139	0.5	105 74	85 64	85 69	114 28	64 49	72 56	83 46	72 54
3	BJG 200275	ALLY	WH 140588	BJG 140088	0.6	115 70	79 66	83 60	115 22	69 48	71 54	70 34	69 50
4	BJG 210005	LILLY	WH 170708	BJG 180235	1.1	98 67	87 64	72 48	114 24	96 44	76 51	75 40	74 49
5	BJG 210029	SWEETHEART	WH 170708	BJG 170211	1.3	124 67	87 66	58 56	97 31	88 46	74 54	76 40	73 51
6	BJG 210034	HOLMESDALE LORRAINE	WH 170708	BJG 080181	1.6	85 67	93 58	88 51	113 24	82 42	78 49	82 40	77 47
7	BJG 220042	HOLMESDALE LILLY	WH 170708	BJG 110278	1.5	100 68	82 67	78 59	106 32	95 46	73 55	71 41	70 52
8	BJG 220054	ESSENCE	WH 170708	BJG 190259	0.5	108 66	77 65	72 48	123 24	96 40	75 50	73 38	73 48
9	BJG 220066	LASSIE	JJB 170119	BJG 200276	0.5	90 62	80 60	82 39	120 18	103 42	75 46	74 25	73 42
10	BJG 220086	CANDY	JJB 170119	BJG 180240	0.7	81 63	84 60	87 40	113 18	101 41	75 46	78 24	74 42
11	BJG 220088	JESSICA	WH 170708	BJG 200275	1.2	96 66	93 65	82 46	108 24	77 44	77 51	85 40	77 49
12	BJG 230091	LUCKY	WH 170737	BJG 130051	0.9	113 66	72 62	85 44	126 17	83 37	74 48	65 31	70 45
13	BJG 230106	IRIS	WH 170737	BJG 110290	0.9	113 64	80 65	84 49	121 17	82 39	79 49	69 36	75 46
14	BJG 230116	DIMPLES	WH 170737	BJG 120023	0.8	115 63	76 65	83 46	122 18	72 40	71 49	73 35	70 46
15	BJG 230124	SWEETHEART	WH 170708	BJG 170211	1.3	106 65	86 64	70 49	112 23	90 40	75 50	75 40	74 48
16	BJG 240155	24 155	WH 170737	BJG 180234	0.8	113 54	74 54	86 43	122 20	84 37	75 43	68 32	71 41
17	BJG 240172	DAHLIA	WH 170737	BJG 120023	0.8	119 63	74 65	83 46	123 18	70 39	71 49	72 35	69 46
18	BJG 240174	LORRAINE	WH 170708	BJG 180224	1.3	113 64	80 65	69 50	119 22	79 38	70 50	76 40	70 48
19	BJG 240186	PAT	WH 170737	WH 190883	1.0	112 61	71 66	85 46	127 23	82 37	72 49	68 33	69 46

Selection List on Cow Value

Cows 2 years and older

ID Sorted on ID	Name	Sire ID	Dam ID	% Inbreeding	Calving Ease Value Acc	Calf Growth Value Acc	Milk Value Acc	Maint. Value Acc	Fertility Value Acc	Cow Value Acc	Growth Value Acc	Prod Value Acc	
					★★								
20	BJG 240191	AMY	WH 170708	BJG 190205	0.9	113 64	82 65	74 47	115 24	85 40	76 50	78 38	74 48
21	BJG 240194	LADY	WH 170708	BJG 200271	1.2	101 64	79 66	77 48	123 27	90 40	73 51	72 40	71 49
					★★☆								
1	BJG 130051	LUCKY	BJG 070147	BJG 080191	3.0	103 73	77 59	71 64	125 13	85 45	68 51	60 32	63 47
2	BJG 180235	SOJIE	WH 140588	BJG 110278	0.6	110 74	67 61	63 65	122 25	94 45	61 54	56 34	57 50
3	BJG 200267	REWARD	WH 140588	BJG 110278	0.6	113 73	68 68	73 69	120 25	95 49	66 57	58 34	62 52
4	BJG 210292	RUBY	WH 140588	BJG 130055	1.5	108 69	74 67	76 64	117 34	87 46	68 56	69 36	66 52
5	BJG 220055	FLIRT	WH 170737	BJG 170209	0.4	95 65	80 62	62 45	128 17	87 36	64 47	68 29	62 43
6	BJG 220062	LORRAINE	WH 170737	BJG 180224	0.8	107 66	70 64	80 47	130 17	70 42	62 49	67 32	60 46
7	BJG 220079	RED MARY	WH 170737	BJG 120022	1.1	85 64	85 65	87 47	118 19	77 44	69 50	82 35	70 47
8	BJG 240179	ACTRESS	WH 170737	BJG 140102	0.9	105 64	71 66	81 48	135 19	69 38	64 50	67 36	62 47
9	BJG 240180	MILADY	WH 170708	BJG 170211	1.3	86 65	87 65	74 49	113 23	88 40	68 50	73 40	67 48
10	BJG 240193	LUCKY	WH 170737	BJG 200274	0.9	95 62	77 53	72 41	127 17	78 37	63 43	69 31	61 41
11	WH 190883	PAT	WH 080254	AA 060661	0.7	108 60	77 68	67 67	120 34	85 46	67 55	72 38	66 52
					★								
1	BJG 140102	RODRICK	AA 010117	BJG 110290	0.8	106 77	71 73	59 74	134 19	60 50	51 60	67 48	51 58
2	BJG 170209	PEARL		BJG 100238	0.0	95 70	76 54	31 65	135 11	91 40	50 48	63 22	49 43
3	BJG 170211	DIMPLES	BJG 130041	BJG 060115	7.6	91 76	77 62	61 67	116 18	87 50	56 55	59 34	53 51
4	BJG 180224	MITSY	BJG 130041	BJG 070141	1.6	104 74	73 63	57 70	129 14	68 42	52 53	67 34	52 49

Selection List on Cow Value

Bull Calves younger than 2 years

ID Sorted on ID	Name	Sire ID	Dam ID	% Inbreeding	Calving Ease Value Acc	Calf Growth Value Acc	Milk Value Acc	Maint. Value Acc	Fertility Value Acc	Cow Value Acc	Growth Value Acc	Prod Value Acc	
					★★★★☆								
1	BJG 250199	CRUISER	WH 170708	MC 140503	1.7	100 57	106 59	109 53	89 38	101 43	107 49	93 48	105 49
					★★★★								
1	BJG 260208	MOKALA	JEV 210095	BJG 210031	0.9	93 60	100 48	107 41	103 31	85 32	95 42	109 40	98 42
2	BJG 260212	BJG 260212	JEV 210095	BJG 220044	0.8	97 60	101 47	97 41	104 32	81 31	92 42	109 40	95 42
					★★★☆☆								
1	BJG 250205	RANGER	JEV 210095	BJG 200267	0.6	97 62	90 48	95 45	105 29	87 32	84 43	92 37	84 42
2	BJG 260213	BJG 260213	JEV 210095	BJG 210029	0.7	118 60	91 47	86 41	94 31	83 32	86 42	101 38	88 41
3	BJG 260222	KALAHARI	JEV 210095	BJG 160149	0.6	80 51	98 50	113 47	103 28	83 32	89 42	106 41	92 42
					★★★								
1	BJG 250206	DUINEVELD	JEV 210095	BJG 170211	0.3	91 63	90 46	89 45	103 28	83 33	76 42	92 38	78 41
2	BJG 260209	DIESEL	JEV 210095	BJG 170209	0.2	87 62	92 43	71 44	111 27	85 29	70 40	94 35	73 39
3	BJG 260215	BJG 260215	JEV 210095	BJG 140102	0.5	111 63	83 50	87 47	110 28	69 33	73 44	97 41	76 43

Selection List on Cow Value

Heifers younger than 2 years

ID Sorted on ID	Name	Sire ID	Dam ID	% Inbreeding	Calving Ease Value Acc	Calf Growth Value Acc	Milk Value Acc	Maint. Value Acc	Fertility Value Acc	Cow Value Acc	Growth Value Acc	Prod Value Acc	
					★★★★☆								
1	BJG 250202	CRAZY	HL 200027	MC 220071	1.6	94 60	106 54	107 37	101 24	106 28	109 42	103 43	108 42
2	BJG 250207	MISS WORLD 25	BJG 230127	BJG 220069	0.9	83 54	107 38	115 28	95 22	105 24	105 33	95 26	103 32
					★★★☆☆								
1	BJG 250203	MOKALA RUBY	JEV 210095	BJG 130055	0.4	92 62	97 46	101 46	102 30	71 32	83 42	105 40	87 42
2	BJG 250204	MOKALA PRINCESS	JEV 210095	BJG 120005	0.4	101 63	95 49	102 46	100 28	71 33	85 43	109 44	89 43
3	BJG 260211	LUCKY	JEV 210095	BJG 130051	0.3	107 62	86 45	93 43	107 26	82 31	82 41	93 36	83 40
4	BJG 260219	MOKALA PAT	JEV 210095	WH 190883	0.7	93 61	93 48	92 45	105 31	82 31	81 43	99 38	83 42
5	BJG 260220	MOKALA RUBY	JEV 210095	BJG 210030	1.0	91 60	100 48	101 41	95 32	84 32	88 42	107 39	91 41
					★★☆☆☆								
1	BJG 250197	BAGMAN	WH 170737	BJG 180214	0.8	102 63	81 64	80 48	126 20	69 38	69 49	72 32	68 46

	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

Notes on the interpretation of EBVs, EBVi's, sub-values and selection values

EBVi (EBVindex) is the breeding value index and is easier to interpret than the breeding value, especially for commercial farmers buying from stud farmers. The base of a breeding value index is 100, which is the average of all the live animals in the breed, and all values are expressed relative to this value. Values above 100 are always in a more desirable direction: an index of 105 for AFC indicates a genetic potential to calve earlier. Note that a very high index is not always desirable. For certain traits, such as birth weight, average values can be better.

EBV: (Estimated Breeding Value) indicates the genetic potential of the animal for a specific trait. It is presented in the unit of measurement and relative to the average of animals born in the base year (1990 for most breeds and traits). Higher values for certain traits are better while lower values for other traits are better, for example, an EBV of -2 for AFC (age at first calving) indicates that the animal has the genetic potential to calve 2 days earlier than the average heifer in 1990 (the base year). Earlier calving is better and therefore low breeding values (high breeding value indices) are better. For weaning weight, higher values are better.

Sub-values combine similar breeding values in a scientific manner to simplify the selection of animals. For example, AFC (age at first calving) and ICP (inter-calving period) are combined to form the sub-value Fertility by taking the heritability and economic importance in consideration. The sub-value is expressed in an index format, thus an animal with a sub-value of 110 for Fertility will genetically be above average compared to the live animals in the breed.

Selection Values (Cow Value and Growth Value) combine the sub-values into a single value. This gives a quick and easy indication of the combined genetic value of an animal compared to the breed. It is advised to still look at the sub-values to see where the strengths and weaknesses lie.

How to use breeding values to select animals

Selecting animals on breeding values is easy if you know how. There is a common saying that “good nutrition can mask poor breeding”. This is very true. If an animal that is genetically inferior is fed well, it can appear as a great animal. This great performance will not be passed over to future generations. An animal that is genetically superior can appear to be inferior if its environment did not allow it to reach its true potential. It is best to select animals that are most adapted to the environment and can reach their full potential. To continuously adapt the environment to the animal can be expensive.

The reason why the use of breeding values is such a valuable tool is because it “removes” the environmental effect that contributes to the performance.

Scientific methods are used to determine how much of the performance is due to genetics and to identify genetically superior animals. This involves the measurement of animals under controlled environments, complete record keeping and pedigree information. *If performance recording and pedigree information are not done correctly, breeding values of these animals will not be useful.* Keep in mind that breeding is a long-term option: the effect of a bull selected/bought today will only show much later. If it is a good decision, his daughters will become part of the breeding herd and contribute to overall profitability in future.

Even if a bull is not perfect in all aspects, knowing the shortcomings will allow strategic selection with suitable cows. Traits are genetically correlated, meaning that a change in one trait can lead to a change in another. This change can be favourable or unfavourable. An increase in weaning weight can lead to an increase in birth weight, which can lead to calving difficulty. It is therefore advisable to not only select on a single trait. Take other traits in consideration to avoid negative effects.

How to improve the herd genetically

The first and most important aspect is to know what type of animal will improve the herd genetically. This can be determined through the following factors:

What happens to the calves? For example: used as replacement heifers, sold as stud animals or sold to commercial breeders who sell weaner calves.

How much feed is available? The availability of feed (or the hardness of the environment) determines the optimal frame size. If feed is abundant and the environment is less harsh, larger animals would be ideal. If not, medium framed animals would be ideal.

What is the genetics of the cow herd? Are they the wrong frame type, grow too slowly, do not have enough milk, etc.? Always aim to breed a calf that is superior to its dam.

Conclusion

Different types of bulls are suitable for different types of cows, environments and breeding objectives. Inbreeding should be avoided or limited as much as possible. Mating programs are available to aid in the pairing of bulls and cows.

The data used for this evaluation is pedigree information and performance data found on LOGIX as provided by breeders. All attempts are made to present accurate information. SA Stud Book takes no responsibility for the use and interpretation of information presented in this report.

