

Droughtmaster

Genetic Evaluation

SA Stud Book

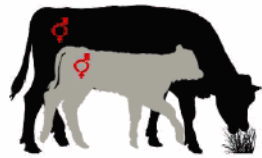
October 2024

Herd Number: 712374

ELIZABETH JOLENE SWANEPOEL
POSTNET SUITE X9676
BENDOR
POLOKWANE
0699



EBVs, EBVi's and Selection Values



Logix Cow Value

Selecting for:

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

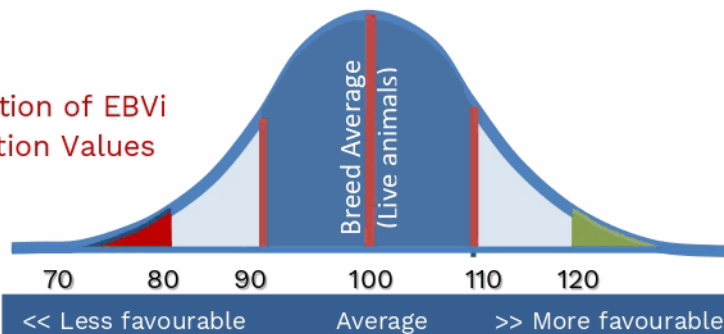
EBVi (EBVindex): The average EBVi of all the live animals in the breed is 100, and all EBVi values are expressed relative to this value. Values above 100 are always in a more desirable direction. Note that a very high index is not always desirable. For certain traits, such as birth weight, average values may 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 (2017).

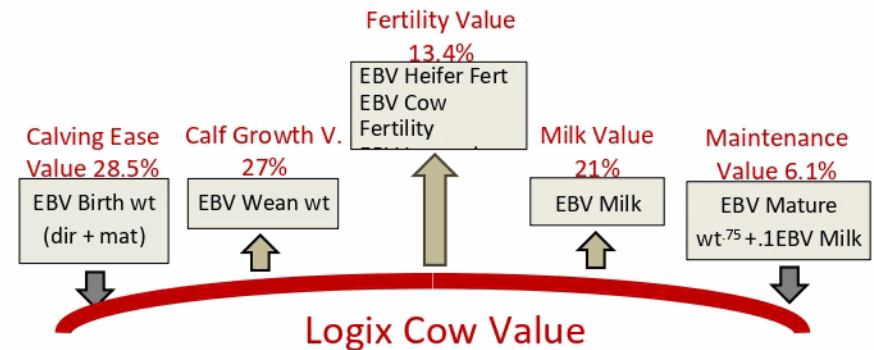
Selection values combine similar breeding values in a scientific manner to simplify the selection of animals. For example, HF (Heifer Fertility), CF (Cow Fertility) and Longevity are combined to form the Fertility Value by taking the heritability and economic importance in consideration. The sub-value 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.

Cow Value combine relative selection 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.

Interpretation of EBVi and Selection Values



Logix Cow Value	Interpretation of EBVi and Selection Values		
	<< Less favourable	Average	>> More favourable
Calving Ease Value	• Heavier birth weight	90 – 110: = 50% of population = Average = Save choice	• Lower birth weight
Calf Growth Value	• Lower weaning wght		• Higher weaning wght
Milk Value	• Less milk		• More milk
Maintenance Value	• Higher maintenance (Heavier cow)		• Lower maintenance (Lighter cow)
Fertility Value	• Lower fertility		• Higher fertility
Cow Value	• Lower Cow Value		• Higher Cow Value



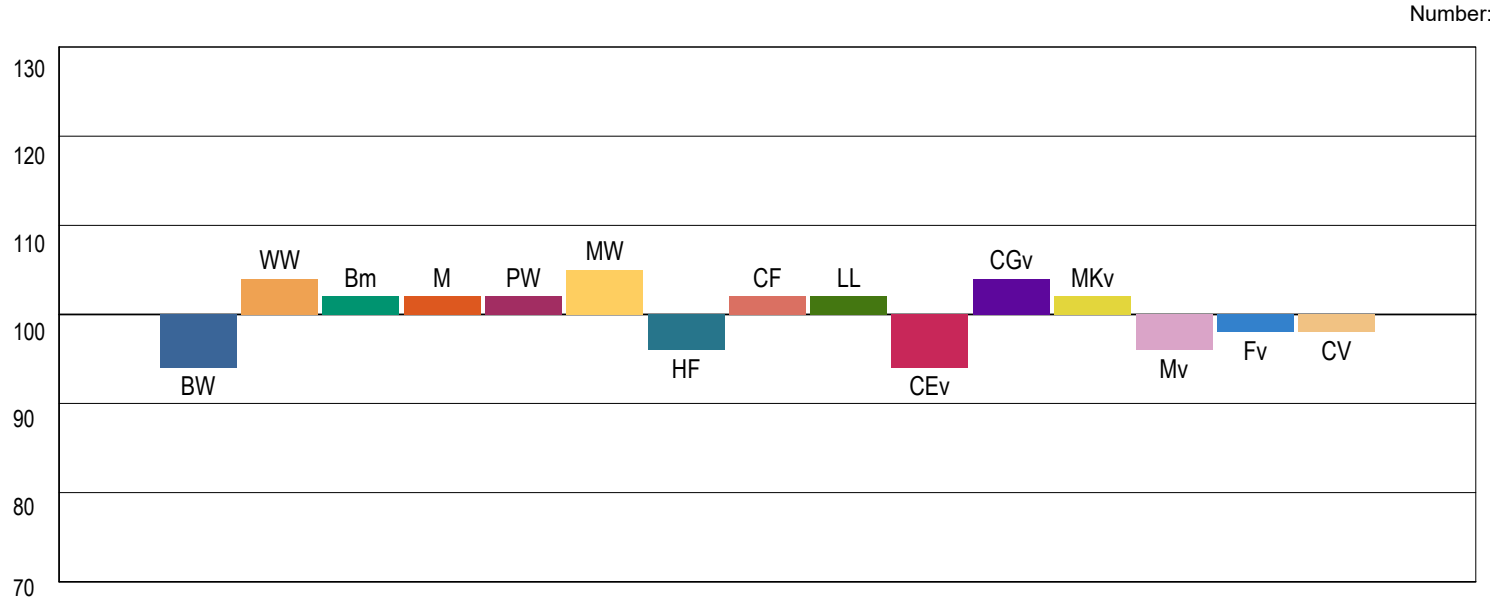
SABeefBulls.com
Profit through Genetics
- at your service

LOGIX



CERTIFICATE OF QUALITY
Valid up to
1 April 2024

Herd and Breed Averages



Abbreviations:

Breeding Value (EBV) and Breeding Value Index (EBVi):

BW	Birth Weight
WW	Weaning Weight
Bm	Birth maternal
M	Milk
PW	Post-Wean Weight
MW	Mature Weight
HF	Heifer Fertility
CF	Cow Fertility
LL	Longevity

Selection Values

CEv	Calving Ease Value
CGv	Calf Growth Value
Mkv	Milk Value
Mv	Maintenance Value
Fv	Fertility Value
CV	Cow Value

	Trait	EBV Herd	EBVi Herd	EBV Breed
Prewrite Growth	Birth Wt	0.42	94	-0.06
	Weaning Wt	3.44	104	2.1
	Birth Mat.	-0.16	102	-0.09
	Milk(Wn.Mat.)	-0.7	102	-1.3
Postwean Growth	Post wean Wt	3.9	102	2.9
	Mature Wt	3	105	-1
Fertility	Heifer Fertility	16	96	9
	Cow Fertility	-2	102	-1
	Longevity	10	102	9

Selection Value	Avg. Herd
Calving Ease	94
Calf Growth	104
Milk	102
Maintenance	96
Fertility	98
Cow Value	98

- 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 Farm

Bulls born in and earlier

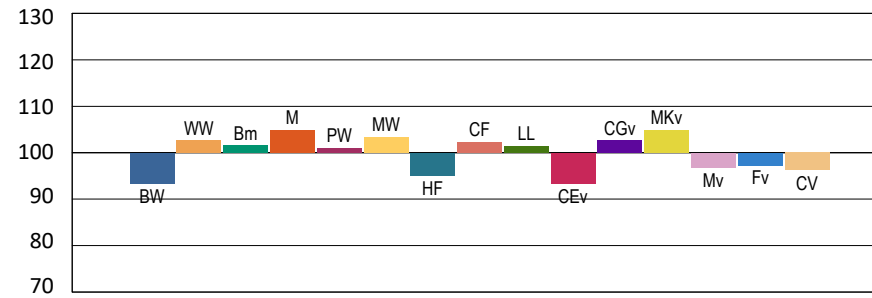
Number:



Cow Herd

Cows born in 2022 and earlier

Number: 13



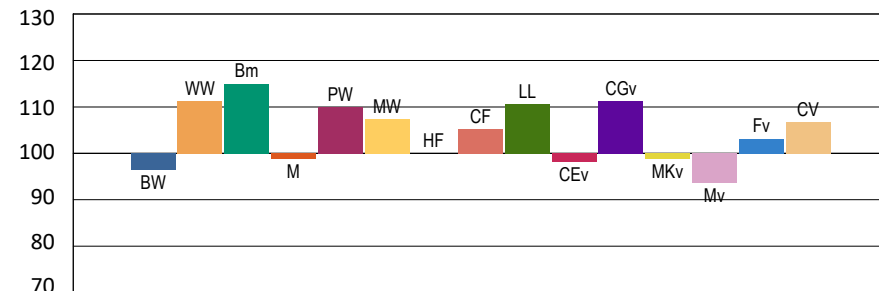
Abbreviations

BW	Birth weight
WW	Weaning weight
Bm	Birth mat
M	Milk
PW	Post-wean weight
MW	Mature weight
HF	Heifer Fertility
CF	Cow Fertility
LL	Longevity

Sires of Young Animals

Sires of animals 3 years and younger

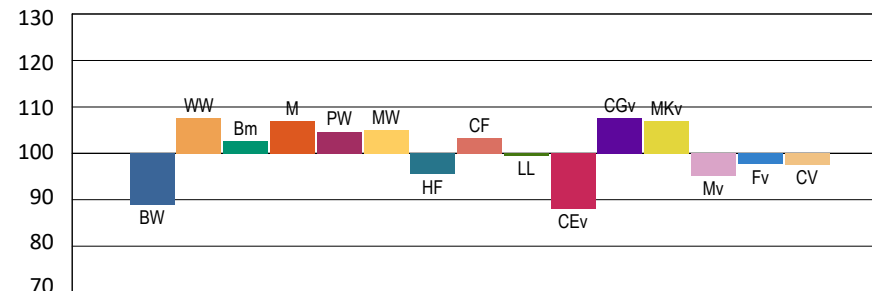
Number: 5



Cows older than 6 years

Cows born in 2018 and earlier

Number: 8

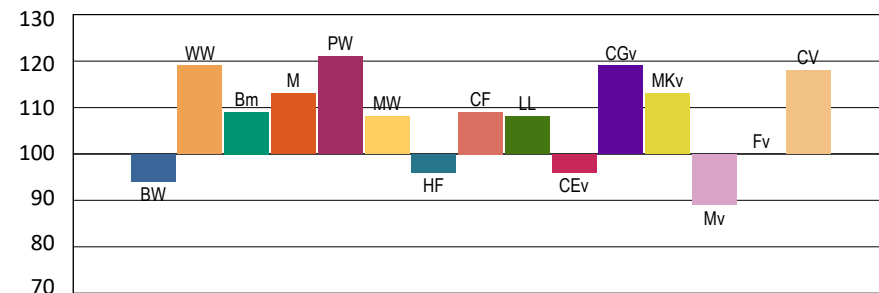


CEv	Calving Ease value
CGv	Calf Growth value
MKv	Milk value
Mv	Maintenance value
Fv	Fertility value
CV	Cow Value

Bull Calves

Bull calves born in 2023

Number: 1



Heifer Calves

Heifers born in

Number:



Summary of Genetic Merits of Cows in the Herd

			Selection Values (SV)						Calf Weight		Mother		Growth		Fertility		
Birth Year	Nr of cows	Avg Cow Value Star grading	Calv. Ease	Calf Grwth	Milk	Maint.	Fert.	Cow Value	Birth Weight	Weaning Weight	Birth Mat.	Milk (Wn.Mat.)	Post-wn weight	Mature weight	Heifer Fertility	Cow Fertility	Longevity
Avg Cows in Breed			99	100	100	100	101	100	99	100	101	100	99	100	101	102	99
2011	1	★★★★	81	110	101	106	98	92	82	110	106	101	103	95	97	105	100
2012	1	★★★★☆	101	97	88	97	99	88	99	97	107	88	90	103	99	101	101
2013	1			88	68	110				88		68	84	94			92
2015	1	★★★★☆	91	105	112	102	102	105	92	105	97	112	103	99	100	116	94
2016	1	★★★★☆	74	99	139	90	100	102	75	99	114	139	94	105	95		86
2017	1	★★★★	82	128	89	81	97	94	85	128	96	89	116	120	101	100	88
2018	3	★★★★☆	92	107	109	95	95	100	93	107	100	109	110	106	91	100	109
2019	3	★★★★	102	95	102	101	95	94	102	95	96	102	99	99	93	97	104
2020	1	★★★★☆	82	114	109	72	111	104	86	114	91	109	107	131	114	101	107
2021	1	★★★★☆	87	117	99	82	103	100	88	117	103	99	106	117	100	108	105
2022	1	★★★★☆	115	70	103	113	97	88	110	70	108	103	72	88	93	104	106
Avg Cows in Herd			91	103	102	95	100	97	91	103	102	102	99	105	98	104	99

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

Breed

Birth Year	Calving Ease				Calf Growth			Milk		Maintenance					Fertility						Cow Value (CV)		
	Birth Weight		Calv. Ease	Dir	Mat	Weaning Weight		Calf Growth	Milk (Wn.Mat.)		Postwean Weight		Mature Weight		Maine- nance	Heifer Fert.		Cow Fert.		Longevity		Ferti- lity	
	Number	EBV				Number	EBV		Number	EBV	Number	EBV	Number	EBV		Number	EBV	Number	EBV	Number			EBV
2015	590	0.24	-0.11	96	518	0.9	97	518	0.28	106	203	-0.1	64	0	91	149	0.4	89	-0.1	2221	-2.4	102	93
2016	703	0.12	-0.01	97	609	-0.1	95	609	-0.15	104	226	-2.5	89	1	96	205	2.4	118	-0.4	2301	-0.5	101	92
2017	825	0.00	0.00	98	650	0.0	95	650	0.00	105	313	0.0	137	0	95	257	0.0	174	0.0	2746	0.0	102	94
2018	945	0.02	0.03	98	718	1.2	98	718	-0.46	103	387	1.1	221	-3	98	255	-0.7	176	-1.0	2702	1.4	104	96
2019	986	-0.16	0.05	100	991	1.0	97	991	-0.87	102	605	0.4	212	-2	99	271	0.2	180	-0.6	2337	1.9	103	95
2020	1143	-0.14	-0.03	101	1179	1.4	98	1179	-0.92	102	822	1.9	205	-2	98	309	1.1	97	-1.9	1865	1.0	104	97
2021	1362	-0.20	0.05	101	1372	2.0	100	1372	-0.61	103	868	3.6	93	-5	98	261	0.0	26	-0.2			105	98
2022	1794	-0.12	-0.03	100	1370	1.9	100	1370	-1.15	101	771	3.4	3	3	99	36	3.1	2	-5.6			104	99
2023	2473	-0.14	0.01	100	1083	2.0	100	1083	-1.19	101	274	1.5			100								100
2024	804	-0.22	0.06	101	22	-0.5	93	22	-1.71	99													99

Sires

Sire		Selection Values (SV)						Calf Weight		Mother		Growth		Fertility			Measured Progeny										
ID	Sire ID	Calving Ease	Calf Growth	Milk	Maintenance	Fertility	Cow Value	Birth Weight	Weaning Weight	Birth Mat.	Milk (Wn.Mat.)	Post-wean Weight	Mature Weight	Heifer Fertility	Cow Fertility	Longevity	Number of Herds										
Reg. Nr	Dam ID	SV Acc	SV Acc	SV Acc	SV Acc	SV Acc	SV Acc	EBV Acc	EBVi	EBV Acc	EBVi	EBV Acc	EBVi	EBV Acc	EBVi	EBV Acc	EBVi	Birth	Wean	Dght/Calves.							
		Breed Average:						-0.06	100	2.1	100	-0.09	100	-1.3	100	2.9	100	-1	100	9.3	100	-1.3	100	8.9	100		
SWAN 1636 (P) D5	+609	83	107	95	69	104	84	0.82	4.7	0.54	-2.7	1.2	30	-4.5	-1.2	5.2	2	1	14	17							
	+525	73	66	68	58	50	60	75	89	66	107	41	97	58	137	70	108	8	100	72	95	2	1	5			
AGO 140001	C 070361	89	146	67	69	97	98	0.49	19.9	0.47	-10.1	19.0	31	-9.1	7.0	0.3	48	51	25	45							
ROCKY 14-0001AGO	DO 022247	85	90	84	76	63	77	89	93	71	84	66	130	76	139	65	111	39	74	85	88	1	1	4			
C 080223	DO 050029	88	108	110	110	102	104	0.80	5.0	-0.09	1.3	3.3	-8	4.0	1.2	15.5		33	14	55							
CONSIDERATA08-02 23C	DO 060074	67	87	84	61	60	71	67	89	66	100	78	101	61	92	56	103	39	92	86	109	2		3			
C 080437	DO 050029	97	130	90	93	96	110	0.23	13.6	-0.12	-4.0	12.0	4	9.3	4.6	14.9		21	6	20							
08-0437C	DO 022293	57	83	75	54	55	65	57	96	58	101	68	117	54	106	51	100	36	81	79	108	1		1			
C 120283	C 080469	100	110	106	115	106	117	-0.11	6.0	0.14	0.2	9.7	-13	-3.2	-3.1	7.5	10		6	17							
12-0283C	DO 060208	71	72	74	60	57	64	73	101	62	93	58	112	60	85	55	107	42	105	74	98	1		2			
C 130009	C 100240	94	129	77	101	106	106	0.55	13.2	-0.38	-7.5	16.4	0	-0.4	-1.5	15.6	1	15	26	33							
13-0009C	C 090032	77	84	81	70	79	75	77	92	75	108	60	125	70	101	86	106	60	100	90	109	1	3	6			
C 150050	C 130014	79	119	100	91	106	99	1.54	9.4	-0.41	-1.4	10.0	5	1.2	-4.5	9.6		18	8	8							
D-C15-0050	C 100267	64	80	71	47	62	65	64	80	64	109	68	113	47	108	68	105	41	110	77	101	2		2			
CSA 170062	C 090032	112	107	105	97	103	119	-0.65	4.6	-0.45	0.1	18.9	0	12.2	-3.3	18.4	77	51	14	18							
17-0062CSA		91	90	77	59	66	77	93	107	81	110	64	129	59	102	81	98	41	106	77	113	4	5	3			
CSA 180194	CSA 160056	118	140	87	88	101	135	-1.08	17.6	-0.22	-5.0	29.6	8	16.2	1.9	29.9	65	68	1	1							
18-0194CSA	CTM 150023	89	91	80	51	60	75	92	113	76	104	68	149	51	111	76	96	37	90	68	129	8	6	1			
CSA 190062	CTM 150023	117	97	89	111	97	103	-0.89	1.0	-0.62	-4.3	-1.0	-8	-4.6	5.4	1.5	48	15									
19-0062CSA		83	76	53	44	46	62	88	111	62	115	48	93	44	92	50	108	30	79	59	90	3	1				
GRB 150235	C 080469	107	95	100	121	110	111	-0.41	0.0	-0.23	-1.4	7.9	-19	-1.1	-5.4	18.7		33	22	58							
15-0235GRB	GRB 120115	56	88	85	55	59	68	56	104	56	104	81	109	55	77	53	106	44	113	80	113	1		1			
GRB 160006	C 110151	91	96	111	114	107	103	0.72	0.4	-0.45	1.7	5.9	-12	1.5	-3.2	18.7	4	93	31	51							
16-0006GRB	GRB 130156	66	94	85	31	55	70	67	90	60	110	90	106	31	86	60	104	24	106	82	113	4	1	2			
GRB 170002	C 130528	85	110	118	81	107	108	0.90	5.9	0.06	3.6	2.8	14	2.2	-5.2	13.8		31	6	6							
17-0002GRB	GRB 140031	38	86	65	25	39	56	38	88	36	96	75	100	25	118	30	104	18	112	68	107	1		1			
GRB 180017	GRB 140034	106	74	91	113	113	88	-0.24	-7.9	-1.16	-3.8	-10.9	-10	-0.9	-8.5	19.9	5	56									
18-0017GRB	WBT 130026	64	89	65	24	40	62	67	102	54	131	82	75	24	89	35	106	19	123	67	115	1	1				
GRB 180136	GRB 140034	65	135	109	75	98	100	2.47	15.8	-1.08	1.1	20.7	21	34.1	-8.4	17.9		16									
18-0136GRB	GRB 140239	50	80	59	22	36	55	51	68	45	129	70	133	22	127	30	86	16	122	61	112	1					
WB 120001	ROCKY 12-0001WB	82	85	140	108	99		1.34	-3.6	-0.48	9.3	-6.4	-8	20.3		1.0	16	7	11	20							
		72	66	66	45	35	56	75	82	60	111	44	83	45	91	25	94			78	89	2	2	2			
WBT 130043	C 060222	110	59	101	119	109	83	-2.24	-13.9	0.40	-1.1	-16.7	-17	-16.9	-0.1	8.8	5	39	11	18							
WATERFORD DROUGHTMASTER S 13-0043WBT	DO 022070	68	87	76	44	55	68	69	128	63	86	80	64	44	81	51	115	33	96	81	100	2	2	1			

Bulls

Bull			Selection Values (SV)						Calf Weight				Mother				Growth				Fertility					
ID	% Inbreeding	Sire ID	Calving Ease	Calf Growth	Milk	Maintenance	Fertility	Cow Value	Birth Weight	Weaning Weight	Birth Mat.	Milk (WnMat.)	Post-wn Weight	Mature Weight	Heifer Fertility	Cow Fertility	Longevity									
Bull Name		Dam ID	SV Acc	SV Acc	SV Acc	SV Acc	SV Acc	SV Acc	EBV Acc	EBVi	EBV Acc	EBVi	EBV Acc	EBVi	EBV Acc	EBVi	EBV Acc	EBVi								
Inbreeding >6% is high			Breed Average:						-0.06	100	2.1	100	-0.09	100	-1.3	100	2.9	100	-1	100	9.3	100	-1.3	100	8.9	100
			Shaded EBVi:						90-110	>100	>100	>100	>100	90-110	>100	>100	>100									
CSA 220161	3	CSA 190062	123 ₆₀	98 ₄₇	87 ₄₁	108 ₃₄	94 ₃₃	104 ₄₃	-1.47	1.3	-0.15	-4.8	0.7	-5	12.5	3.6	8.3									
CONSIDERATA SA 22-0161CSA		CSA 180023						★★★★☆	64	118	46	102	30	96	34	95	36	98	21	84	43	99				
GRB 220330	4	GRB 180136	86 ₂₉	112 ₅₁	103 ₄₃	87 ₁₉	93 ₂₅	92 ₃₆	1.16	6.8	-0.58	-0.6	10.9	8	35.7	-5.1	14.2									
GRASSFIELDS 22-0330GRB		GRB 180232						★★★	29	85	27	114	43	103	44	115	19	111	20	85	14	112	41	107		
AGO 230041		CSA 180194	96 ₄₉	119 ₅₂	113 ₄₆	89 ₃₀	100 ₃₅	118 ₄₃	0.40	9.6	-0.40	2.1	14.6	6	16.9	-4.3	14.4									
ROCKY AGO 230041		AGO 160036						★★★★	51	94	52	119	42	109	46	113	38	121	30	108	40	96	19	109	45	108

Cows

Cow			<75	75 - 125	>125	Breeding Values with an accuracy <5% are not printed.																			
			Selection Values (SV)					Calf Weight				Mother		Growth		Fertility									
ID	% Inbreeding	Sire ID	Calving Ease	Calf Growth	Milk	Maintenance	Fertility	Cow Value	Birth Weight	Weaning Weight	Birth Mat.	Milk (WnMat.)	Post-wn Weight	Mature Weight	Heifer Fertility	Cow Fertility	Longevity								
Name		Dam ID	SV Acc	SV Acc	SV Acc	SV Acc	SV Acc	SV Acc	EBV Acc	EBVi	EBV Acc	EBVi	EBV Acc	EBVi	EBV Acc	EBVi	EBV Acc	EBVi							
Inbreeding >6% is high			Breed Average:					-0.06	100	2.1	100	-0.09	100	-1.3	100	2.9	100	-1	100	9.3	100	-1.3	100	8.9	100
			Shaded EBVi					90-110	>100	>100	>100	>100	90-110	>100	>100	>100	>100	>100							
GRB 110027		C 080223	81 41	110 71	101 81	106 34	98 40	92 54	1.36	5.8	-0.29	-1.1	4.4	-5	15.2	-3.0	8.8								
GRASSFIELDS 11-0027GRB		GRB 070029						★★★★	41 82	71 110	41 106	81 101	58 103	34 95	32 97	20 105	67 100								
GRB 120056		C 080437	101 29	97 70	88 75	97 40	99 35	88 50	0.05	1.0	-0.34	-4.7	-2.8	1	11.0	-1.5	9.3								
GRASSFIELDS 12-0056GRB		GRB 090064						★★★★☆	29 99	70 97	29 107	75 88	48 90	40 103	26 99	18 101	62 101								
AGO 150072		C 120283	91 59	105 50	112 62	102 38	102 35	105 47	0.56	3.9	0.01	1.9	4.4	-2	10.2	-6.4	4.5								
ROCKY 15-0072AGO		WB 130085						★★★★☆	63 92	50 105	42 97	62 112	41 103	38 99	28 100	21 116	57 94								
AGO 160036		WB 120001	74 43	99 51	139 62	90 32	100 29	102 43	1.88	1.6	-0.59	9.2	-0.4	3	17.6		-1.1								
ROCKY 16-0036AGO		FXF 110049						★★★★☆	44 75	51 99	39 114	62 139	30 94	32 105	26 95		58 86								
AGO 170027		AGO 140001	82 59	128 56	89 66	81 60	97 36	94 51	1.13	12.9	0.06	-4.4	11.6	15	7.4	-1.4	0.1								
ROCKY 17-0027AGO		WB 130019						★★★★	62 85	56 128	46 96	66 89	42 116	60 120	32 101	20 100	57 88								
CSA 180023	6	C 130009	104 61	112 58	90 61	104 51	90 48	99 53	-0.29	6.5	-0.01	-4.1	8.5	-2	29.6	1.8	15.1								
CONSIDERATA SA 18-0023CSA		C 120340						★★★★	60 103	58 112	64 98	61 90	38 110	51 98	52 88	30 90	61 108								
GRB 180031		GRB 160006	70 37	120 63	141 68	74 23	106 36	117 47	2.02	10.0	-0.18	9.7	15.8	19	8.9	-4.5	20.4								
GRASSFIELDS 18 031		GRB 150166						★★★★★	38 74	63 120	35 103	68 141	56 124	23 124	33 100	17 110	57 116								
GRB 180232		GRB 150235	102 29	89 65	96 62	107 32	89 35	83 46	-0.14	-2.2	-0.09	-2.3	1.1	-5	37.2	-1.8	10.5								
GRASSFIELDS 18-0232GRB		GRB 100049						★★★★☆	29 101	65 89	29 100	62 96	52 97	32 96	27 84	23 101	54 102								
CSA 190114	4	CSA 170062	106 66	110 66	92 60	104 43	101 50	107 57	-0.40	5.8	-0.01	-3.4	15.5	-2	13.1	-1.4	18.3								
CONSIDERATA SA 19-0114CSA		CSA 170087						★★★★☆	68 104	66 110	58 98	60 92	44 123	43 98	63 98	33 100	55 113								
GRB 190149	4	C 150050	83 39	110 56	99 53	86 32	103 39	92 44	1.16	5.8	-0.23	-1.6	5.0	9	6.8	-3.9	10.2								
GRASSFIELDS 19-0149GRB		GRB 120054						★★★★	39 85	56 110	39 104	53 99	46 104	32 112	38 101	22 108	56 102								
GRB 190214		WBT 130043	118 37	66 63	115 54	113 22	80 31	84 44	-1.42	-11.2	0.43	2.6	-13.8	-11	43.0	3.6	6.6								
GRASSFIELDS 19-0214GRB		GRB 120104						★★★★☆	37 117	63 66	35 85	54 115	52 69	22 88	25 81	16 84	52 97								
HS 200560		C 090107	82 55	114 51	109 54	72 43	111 46	104 47	1.02	7.6	0.22	1.0	6.8	24	-14.7	-1.8	13.7								
HOTSPOT 20-0560HS								★★★★☆	56 86	51 114	53 91	54 109	38 107	43 131	53 114	29 101	57 107								
GRB 210048	2	GRB 170002	87 24	117 65	99 51	82 24	103 27	100 42	0.91	8.7	-0.19	-1.6	6.2	13	9.1	-3.9	12.4								
GRASSFIELDS 21-0048GRB		GRB 120056						★★★★☆	24 88	65 117	23 103	51 99	44 106	24 117	20 100	13 108	48 105								
GRB 220056	4	GRB 180017	115 37	70 55	103 42	113 17	97 25	88 39	-0.83	-9.6	-0.37	-0.6	-12.3	-10	21.1	-2.5	13.3								
GRASSFIELDS 22-0056GRB		GRB 190214						★★★★☆	38 110	55 70	32 108	42 103	48 72	17 88	22 93	12 104	42 106								

Selection List on Cow Values

Bulls 2 years and older

IDName 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	CSA 220161	22-0161CSA	CSA 190062	CSA 180023	3.1	12360	9847	8741	10834	9433	10443			
						★★★★								
1	GRB 220330	22-0330GRB	GRB 180136	GRB 180232	3.6	8629	11251	10343	8719	9325	9236			

Selection List on Cow Values

Cows 2 years and older

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	GRB 180031 18 031	GRB 160006	GRB 150166	0.5	70 37	120 63	141 68	74 23	106 36	117 47			
1	AGO 150072 15-0072AGO	C 120283	WB 130085	0.0	91 59	105 50	112 62	102 38	102 35	105 47			
2	AGO 160036 16-0036AGO	WB 120001	FXF 110049	0.0	74 43	99 51	139 62	90 32	100 29	102 43			
3	CSA 190114 19-0114CSA	CSA 170062	CSA 170087	4.5	106 66	110 66	92 60	104 43	101 50	107 57			
4	GRB 210048 21-0048GRB	GRB 170002	GRB 120056	2.0	87 24	117 65	99 51	82 24	103 27	100 42			
5	HS 200560 20-0560HS		C 090107	0.0	82 55	114 51	109 54	72 43	111 46	104 47			
1	AGO 170027 17-0027AGO	AGO 140001	WB 130019	0.0	82 59	128 56	89 66	81 60	97 36	94 51			
2	CSA 180023 18-0023CSA	C 130009	C 120340	5.6	104 61	112 58	90 61	104 51	90 48	99 53			
3	GRB 110027 GRASSFIELDS 11-0027GRB	C 080223	GRB 070029	0.0	81 41	110 71	101 81	106 34	98 40	92 54			
4	GRB 190149 19-0149GRB	C 150050	GRB 120054	3.9	83 39	110 56	99 53	86 32	103 39	92 44			
1	GRB 120056 GRASSFIELDS 12-0056GRB	C 080437	GRB 090064	0.0	101 29	97 70	88 75	97 40	99 35	88 50			
2	GRB 180232 18-0232GRB	GRB 150235	GRB 100049	0.0	102 29	89 65	96 62	107 32	89 35	83 46			
3	GRB 190214 19-0214GRB	WBT 130043	GRB 120104	0.0	118 37	66 63	115 54	113 22	80 31	84 44			
4	GRB 220056 22-0056GRB	GRB 180017	GRB 190214	4.3	115 37	70 55	103 42	113 17	97 25	88 39			

Selection List on Cow Values

Bull Calves younger than 2 years

IDName 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	AGO 230041	AGO 230041	CSA 180194	AGO 160036	0.0	9649	11952	11346	8930	10035	11843			