



PINZGAUER

BREEDING VALUE REPORT

February 2026



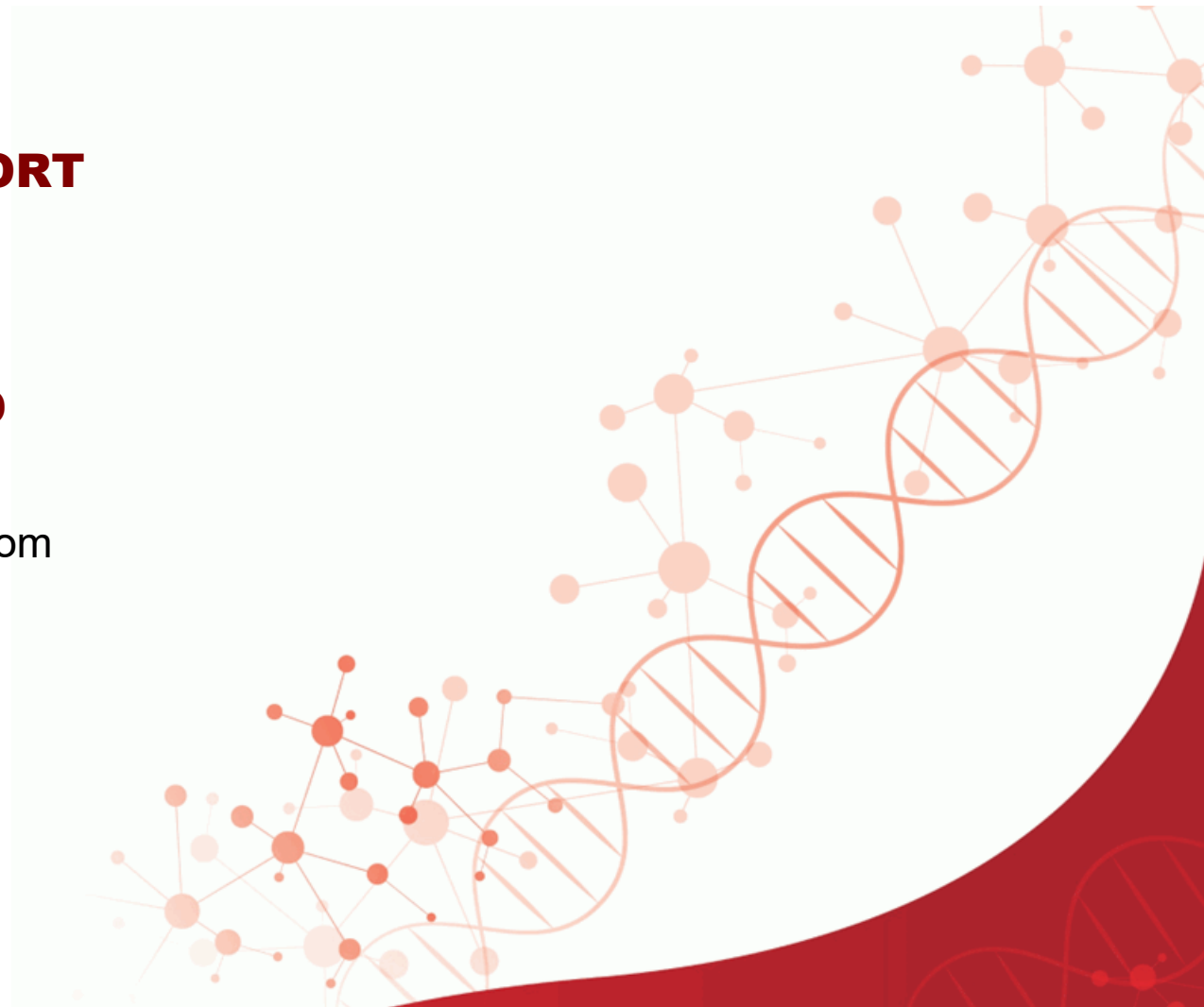
GARABA PINZGAUER STUD

Herd Number: 667469

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CERTIFICATE
OF QUALITY
Valid up to
1 April 2024



EBVs, EBVi's and Selection Values

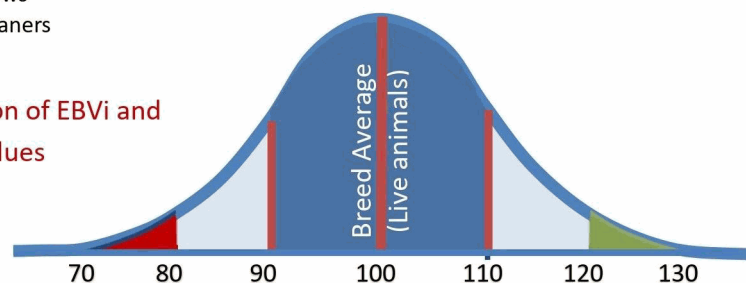


Logix Cow Value

Selecting for:

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

Interpretation of EBVi and Selection Values



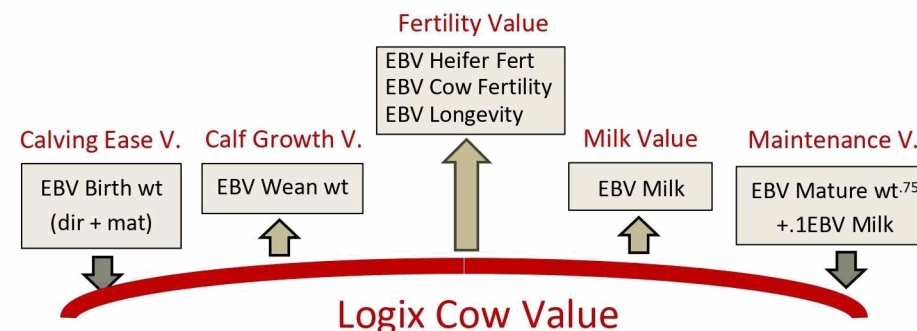
	<< Less favourable	Average	>> More favourable
Logix Cow Value			
Calving Ease Value	• Heavier birth weight		• Lower birth weight
Calf Growth Value	• Lower weaning wght		• Higher weaning wght
Milk Value	• Less milk		• More milk
Maintenance Value	• Higher maintenance (Heavier cow)		• Lower maintenance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

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 (1990 for most traits).

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.



The Logix Cow Value identifies fertile, genetically balanced animals. Balanced animals breed heavy weaners relative to cow weight.

Description of traits

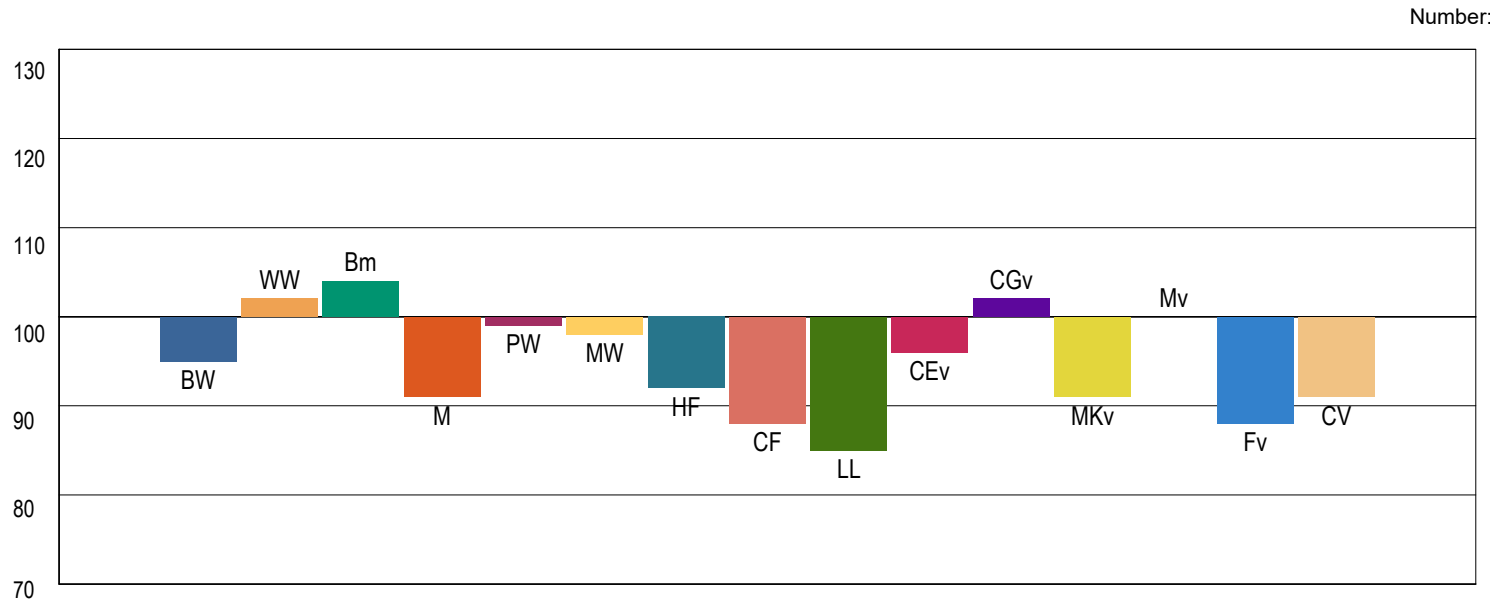
* Depending on selection goal

	EBVi	Description / Measurement	Goal		General Guidelines*					
					80	90	100	110	120	
Selection Values	Cow Value	Combination of sub-values (Rand-value)	Profitable cows	Loss						Profit
	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 & Calf	Birth weight direct	Birth weight (Calf's genetic ability)	Average birth weight	Heavy						Light
	Birth weight mat	Birth weight (Dam's genetic ability)	Easy calving	Heavy						Light
	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
	Mature Cow Weight	Cow weight at weaning of first three calves	Mature cow weight	Light				*	*	Heavy
Ferti.	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

Selection of breeding animals

1. **Cow value:** The cow value indicates genetic balance. Selected Values can range from 90 (acceptable) to 150 (excellent).
2. **Sub values:** Do the sub values meet requirements? For example heavy weaner calves (High Calf Growth Value) or lighter cow weights (High Maintenance Value)
3. **Inbreeding:** Study pedigrees on Logix to keep inbreeding low by preventing closely related animals to mate.
4. **Phenotype:** Breeding animals must be functionally efficient and not transmit any defects to their calves.

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	1.26	95	0.67
	Weaning Wt	7.39	102	6.7
	Birth Mat.	-0.43	104	-0.25
	Milk(Wn.Mat.)	-3.4	91	-0.9
Postwean Growth	Post wean Wt	8.0	99	8.6
	Mature Wt	4	98	6
Fertility	Heifer Fertility	0	92	-5
	Cow Fertility	-1	88	-3
	Longevity	15	85	23

Selection Value	Avg. Herd
Calving Ease	96
Calf Growth	102
Milk	91
Maintenance	100
Fertility	88
Cow Value	91

- 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?:

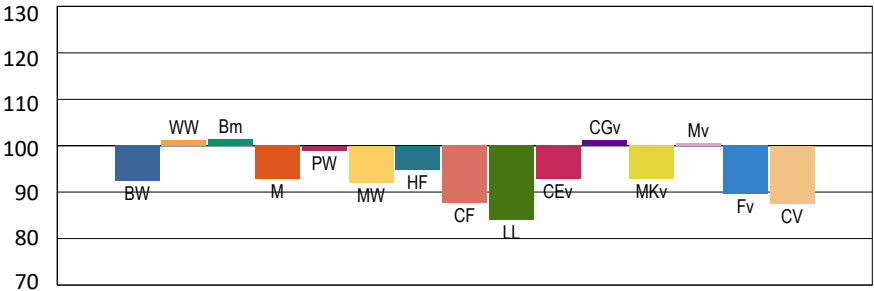
- Calving ease: Smaller calf at birth - easier calving
- Calf growth: Heavier calves at wean due to growth potential of the calf
- Milk: Cows with more milk and better mothering ability
- Maintenance: Animals with low maintenance requirements (lower mature weight).
- Fertility: Cows/daughters that calve earlier and/or more regularly.

Genetic Windows

Bulls on Farm

Bulls born in 2023 and earlier

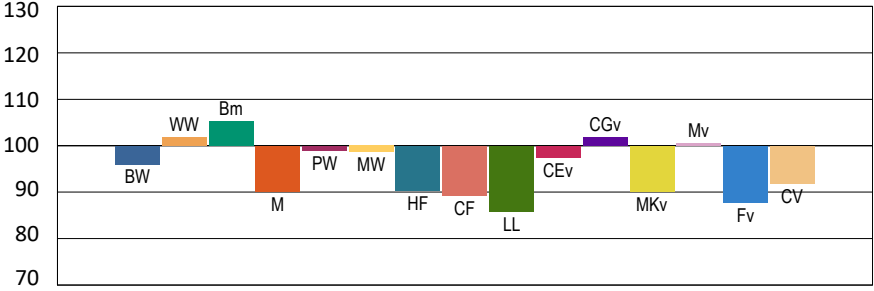
Number: 5



Cow Herd

Cows born in 2024 and earlier

Number: 12



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

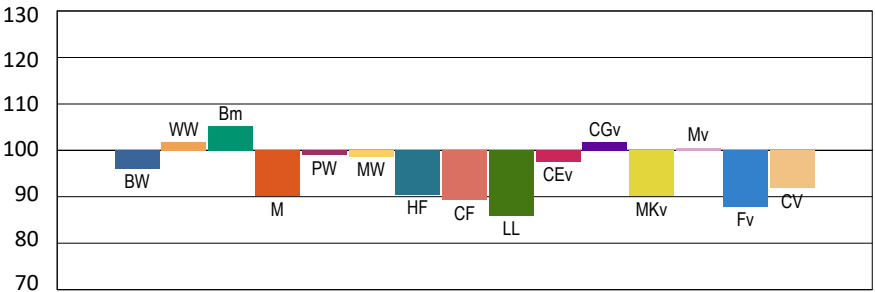
Number:



Cows older than 6 years

Cows born in 2020 and earlier

Number: 12



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

Number:



Heifer Calves

Heifers born in

Number:

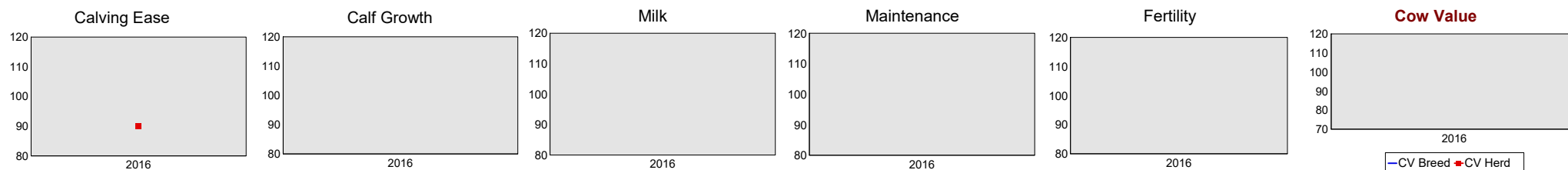


Summary of Genetic Merits of Cows in the Herd

			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			101	99	100	101	100	100	101	99	100	100	99	100	101	100	99
2009	2	★★★★★	111	97	92	110	94	110	109	97	105	92	91	97	97	94	88
2010	4	★★★★	99	100	98	101	87	97	98	100	105	98	99	99	85	90	87
2011	2	★★★	81	107	87	96	86	72	81	107	100	87	105	100	95	86	81
2012	1	★★★★☆	101	109	61	106	95	88	98	109	118	61	93	107	100	94	83
2015	2	★★★★	100	103	90	97	86	93	98	103	108	90	102	97	85	88	88
2016	1	★★★★☆	90	102	93	94	82	80	89	102	104	93	105	94	95	82	88
Avg Cows in Herd			97	103	87	101	88	90	96	103	107	87	99	99	93	89	86

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		Mat EBV	Calv. Ease	Weaning Weight		Calf Growth	Milk (Wn.Mat.)		Milk	Postwean Weight		Mature Weight		Maintenance	Heifer Fert.		Cow Fert.		Longevity			Fertility
	Number	Dir EBV			Number	EBV		Number	EBV		Number	EBV	Number	EBV		Number	EBV	Number	EBV	Number	EBV		
2017	268	0.62	-0.34	101	75	5.5	97	75	-1.15	99	31	6.0	7	5	104	26	-3.1	16	-1.3	288	17.1	90	100
2018	228	1.15	-0.30	96	138	8.1	103	138	-2.76	93	100	10.3	6	4	97	58	-3.5	24	-4.1	245	18.4	99	95
2019	204	1.09	-0.27	95	136	6.8	100	136	-2.43	94	119	9.3	15	-8	99	51	-3.9	27	-1.4	209	19.2	92	89
2020	205	0.40	-0.34	100	144	4.7	95	144	-0.64	101	117	7.4	7	2	102	35	-5.2	17	-2.8	194	21.4	96	97
2021	157	0.57	-0.27	100	112	5.8	98	112	-1.67	97	76	8.1			101	38	-7.4	2	-2.7	178	21.4	101	98
2022	134	0.72	-0.27	98	76	6.8	100	76	-0.47	101	46	9.2			99	19	-7.2			1	6.6	109	102
2023	117	0.97	-0.18	96	75	8.5	104	75	-1.25	99	36	11.4			95								95
2024	123	0.63	-0.14	97	61	9.2	106	61	0.92	106													98
2025	72	0.67	-0.24	100																			

Sires

Sire		Selection Values (SV)						Calf Weight		Mother		Growth		Fertility			Measured Progeny Number of Herds										
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											
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	EBV Acc EBVi	EBV Acc EBVi	EBV Acc EBVi	EBV Acc EBVi	Birth	Wn	Gr. test	Dght/Calves.							
		Breed Average:						0.67	100	6.7	100	-0.25	100	-0.9	100	8.6					100	6	100	-5.3	100	-3.3	100
B 040017 04B017	PM 97001	94	120	88	102	109	112	1.47	14.7	-0.41	-4.1	7.9	19	-19.0	-4.2	11.2	70	31	4	9	20						
	B 010020	93	88	77	70	59	72	94	93	88	120	85	104	77	88	76	99	34	113	75	121	43	104	86	79	5	2
B 050118 SIR RAMKAT	B 000212	98	126	82	71	85	93	0.99	17.2	-0.23	-5.9	25.3	17	9.9	-1.1	14.3	97	33	5	11	24						
	B 910250	95	91	82	73	72	79	96	97	91	126	90	100	82	82	78	129	50	111	84	76	60	90	91	85	11	5
B 060501 06 501	PGJ 980024	97	118	43	100	76	73	1.33	13.9	-1.05	-16.8	8.5	14	6.3	1.1	14.2	72	15	2	5	10						
	PGJ 000036	92	85	71	49	54	65	94	94	85	118	77	119	71	42	62	100	25	108	71	82	37	79	86	84	10	3
B 060525 06 525	B 010041	96	93	108	102	92	95	1.12	4.0	-0.08	1.3	7.8	0	-0.4	-2.0	11.9	3										
	B 011112	71	66	32	15	20	34	75	96	66	93	39	96	32	108	37	99	8	95	28	92	11	94	52	80	2	
BH 060009 HAWKINS	B 990091	117	98	83	105	98	110	-1.53	6.0	-0.82	-5.5	4.8	10	-0.8	-3.2	16.4	89	9		9	20						
	B 020117	92	69	66	32	45	53	93	119	69	98	81	113	66	83	48	94	24	104	63	93	27	100	81	88	15	3
JAR 120001 YODA	PGJ 070331	85	105	93	97	96		2.27	8.6	0.04	-2.8	10.5		-3.5	-2.6	11.8	3										
	CB 060009	68	45	34	18	16	28	71	86	45	105	43	93	34	93	28	103			27	97	5	97	44	80	3	
PGJ 070313 PGJ070313	B 030130	73	124	94	74	106	76	3.93	16.1	-0.94	-2.6	22.2	13	-21.4	-3.3	19.6	48	47	4	8	20						
	PGJ 000025	92	91	77	59	52	68	93	72	91	124	81	116	77	94	68	123	40	107	64	125	39	100	82	94	5	4
PGJ 070331 PGJ070331	PGJ 010014	75	111	59	95	82	50	3.33	11.2	0.23	-12.2	12.4	-3	3.6	0.0	14.0	43	15	3	4	7						
	PGJ 000017	84	82	64	44	39	56	86	77	82	111	68	89	64	59	59	106	12	91	52	86	26	84	71	84	5	1
SG 100001 GHOST	B 040016	97	97	95	95	77	83	1.34	5.7	-0.82	-2.3	10.2	-8	0.2	1.6	17.1	9										
	WWO01007 7	70	52	50	40	38	45	71	94	52	97	44	103	21	87	48	91	29	77	56	89	4					

Bulls

Bull			Selection Values (SV)						Calf Weight				Breeding Values with an accuracy <5% are not printed.				Mother				Growth				Fertility			
ID	% Inbreeding	Sire ID	Calving Ease	Calf Growth	Milk	Mainte-nance	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:						0.67	100	6.7	100	-0.25	100	-0.9	100	8.6	100										
			Bull Average:						1.09	96	7.7	103	-0.22	99	-0.8	100	10.0	102										
			Shaded EBVi:						90-110	>100	>100	>100	>100	90-110	>100	>100	>100											
GR 150002	3	JAR 120001	93 48	107 33	77 26	102 10	95 12	85 20	1.59	9.4	-0.48	-7.3	7.5		-4.3		12.5											
GARABA BARRY		KL 120001	★★★	★★★	★★	★★★★	★★★	★★	50	92	32	105	18	98	22	98	33	81										
GR 150003		JAR 120001	94 63	101 40	97 29	103 29	98 16	96 29	1.30	7.3	0.00	-1.8	7.0		-9.0	-2.6	12.9											
GARABA GR 150003		B 090003	★★★	★★★	★★★	★★★★	★★★	★★★★	66	95	37	94	32	97	23	106	9	82										
GR 150005		SG 100001	95 62	100 31	97 30	98 21	85 22	90 27	1.39	6.8	-0.41	-1.6	9.4	-2	-0.3	-0.2	18.8											
GARABA GR 150005		BH 100012	★★★	★★★	★★★	★★★	★★	★★★★	64	94	39	104	25	101	28	92	15	85										
GR 160002	3	SG 100001	93 48	98 37	88 31	100 22	80 20	79 27	1.69	6.0	-0.64	-4.3	8.1		0.3	0.8	13.3											
GARABA GR 160002		JAR 110007	★★★	★★★	★★	★★★★	★★	★★	49	91	37	109	28	99	28	91	11	81										
GR 160003		JAR 120001	89 49	100 29	105 22	100 9	90 13		1.88	6.8	-0.04	0.5	8.7		2.9		12.6											
GARABA GR 160003		B 100010	★★	★★★	★★★★	★★★★	★★★		51	90	32	95	16	100	23	87	31	82										

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
Inbreeding >6% is high			Breed Average:						0.67	100	6.7	100	-0.25	100	-0.9	100	8.6
			Bull Average:						1.09	96	7.7	103	-0.22	99	-0.8	100	10.0
			Shaded EBVi						90-110	>100	>100	>100	>100	90-110	>100	>100	>100
B 090003		B 040017	108 74	95 68	100 49	112 56	100 30	113 49	-0.14	4.9	-0.03	-1.0	2.1	2	-14.5	-2.6	14.0
ZETZETWO B090003		B 041457	★★★	★★★	★★★	★★★★	★★★	★★★★	75	107	62	95	59	89	39	114	54
JCPI090026		BH 060009	114 72	99 47	84 41	107 21	87 29	107 36	-0.52	6.2	-0.86	-5.3	3.7	2	7.3	-1.5	18.5
J&C JCPI090026		GB 060014	★★★★	★★★	★★	★★★★	★★	★★★★	74	110	53	114	32	92	40	80	50
B 100010		B 060525	93 70	96 37	117 28	103 7	84 22	100 26	1.48	4.9	-0.12	3.7	7.0		9.2	-0.8	13.5
ZETZETWO B100010		B 031164	★★★	★★★	★★★★	★★★★	★★	★★★★	72	93	48	97	18	97	39	77	44
BH 100012		BH 060009	100 70	98 34	99 33	104 16	92 22	101 28	0.70	6.1	0.01	-1.1	6.3	4	-0.9	-2.0	20.6
BOSHEUVEL GITA		BH 040017	★★★★	★★★	★★★	★★★★	★★★	★★★★	72	100	54	94	24	96	31	93	48
GB 100025		B 050118	104 62	111 53	86 52	89 40	82 43	98 47	0.47	11.2	-0.64	-4.7	14.6	13	14.9	-0.8	16.9
GROOTBOOM TIANA		WWO030026	★★★★	★★★★	★★	★★	★★	★★★	62	102	62	109	43	110	51	69	59
GB 100056		PGJ 070313	99 72	93 68	89 48	106 33	90 30	87 44	1.21	3.8	-1.04	-3.9	3.7	-1	-4.5	-1.0	11.2
GROOTBOOM GB 100056		GB 002775	★★★	★★★	★★	★★★★	★★★	★★	74	95	57	118	37	92	39	99	53
JAR 110004	1	PGJ 070331	72 70	114 55	92 44	88 31	87 28	69 39	3.73	12.4	-0.01	-3.0	16.0	8	-3.9	-0.5	15.3
GREAT OAK LILLY		B 000153	★★	★★★★	★★★	★★	★★	★	72	74	57	94	38	113	38	98	51
JAR 110007	1	PGJ 070331	89 68	99 54	81 41	104 29	84 27	74 38	2.05	6.3	-0.46	-6.2	6.0	3	0.5	0.0	9.5
GREAT OAK CLAUDIA		B 060526	★★	★★★	★★	★★★★	★★	★★	70	88	47	105	39	96	35	91	49
KL 120001	1	B 060501	101 69	109 50	61 43	106 29	95 30	88 38	0.90	10.2	-1.01	-11.8	4.6	13	-5.1	-2.1	13.1
KL ANNA		OP 100022	★★★★	★★★★	★	★★★★	★★★	★★	71	98	49	118	36	93	41	100	51
GR 150001	2	SG 100001	105 50	98 34	89 31	101 19	82 20	95 26	0.41	5.9	-0.84	-3.8	6.9	-3	3.7	0.0	17.8
GARABA 150001		JCPI090026	★★★★	★★★	★★	★★★★	★★	★★★	51	102	39	114	24	97	29	86	37
GR 150004		JAR 120001	95 46	108 34	90 31	93 21	89 21	90 27	1.37	9.9	-0.30	-3.7	12.5	8	5.7	-1.7	14.4
GARABA 150004		GB 100025	★★★	★★★	★★★	★★★★	★★	★★★	47	94	37	101	25	107	28	83	36
GR 160001	1	SG 100001	90 62	102 37	93 33	94 25	82 22	80 30	1.93	7.6	-0.40	-2.9	11.2	0	-1.9	0.5	16.2
GARABA GR 160001		JAR 110004	★★★	★★★	★★★	★★★★	★★	★★	64	89	40	104	29	105	30	95	38

Selection List on Cow Values

Bulls 2 years and older

ID		Name	Sire ID	Dam ID	% Inbreeding	Calving Ease Value	Calf Growth Value	Milk Value	Maint. Value	Fertility Value	Cow Value	
Sorted on ID						Acc	Acc	Acc	Acc	Acc	Acc	
						★						
						★★★☆☆						
1	GR 150003	GR 150003	JAR 120001	B 090003	0.3	9463	10140	9729	10329	9816	9629	
2	GR 150005	GR 150005	SG 100001	BH 100012	0.3	9562	10031	9730	9821	8522	9027	
						★★						
1	GR 150002	BARRY	JAR 120001	KL 120001	3.5	9348	10733	7726	10210	9512	8520	
						★★★☆☆						
1	GR 160002	GR 160002	SG 100001	JAR 110007	3.5	9348	9837	8831	10022	8020	7927	

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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		
					★★★★☆							
1	B 090003	B090003	B 040017	B 041457	0.0	10874	9568	10049	11256	10030	11349	
					★★★★							
1	B 100010	B100010	B 060525	B 031164	0.0	9370	9637	11728	1037	8422	10026	
2	BH 100012	GITA	BH 060009	BH 040017	0.0	10070	9834	9933	10416	9222	10128	
3	JCPI090026	JCPI090026	BH 060009	GB 060014	0.0	11472	9947	8441	10721	8729	10736	
					★★★★☆							
1	GB 100025	TIANA	B 050118	WWO030026	0.0	10462	11153	8652	8940	8243	9847	
2	GR 150001	150001	SG 100001	JCPI090026	2.1	10550	9834	8931	10119	8220	9526	
3	GR 150004	150004	JAR 120001	GB 100025	0.5	9546	10834	9031	9321	8921	9027	
					★★★							
1	GB 100056	GB 100056	PGJ 070313	GB 002775	0.0	9972	9368	8948	10633	9030	8744	
2	GR 160001	GR 160001	SG 100001	JAR 110004	1.3	9062	10237	9333	9425	8222	8030	
3	KL 120001	ANNA	B 060501	OP 100022	1.0	10169	10950	6143	10629	9530	8838	
					★★☆							
1	JAR 110007	CLAUDIA	PGJ 070331	B 060526	0.8	8968	9954	8141	10429	8427	7438	
					★							
1	JAR 110004	LILLY	PGJ 070331	B 000153	0.5	7270	11455	9244	8831	8728	6939	



