



PINZYL

BREEDING VALUE REPORT

November 2025



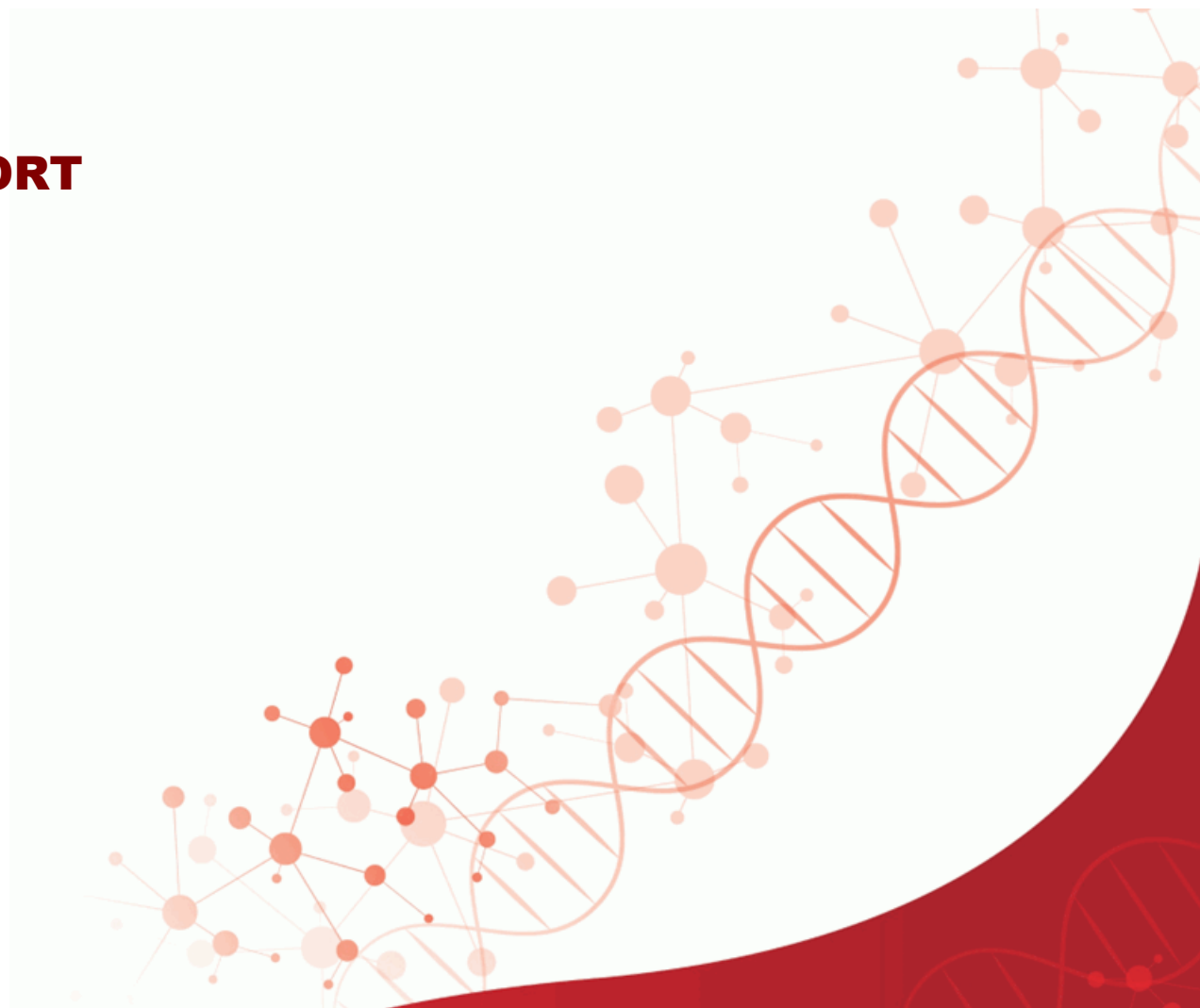
SEPEDI PINZYL STUD

Herd Number: 647965

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CERTIFICATE
OF QUALITY
Valid up to
1 April 2024



EBVs, EBVi's and Selection Values

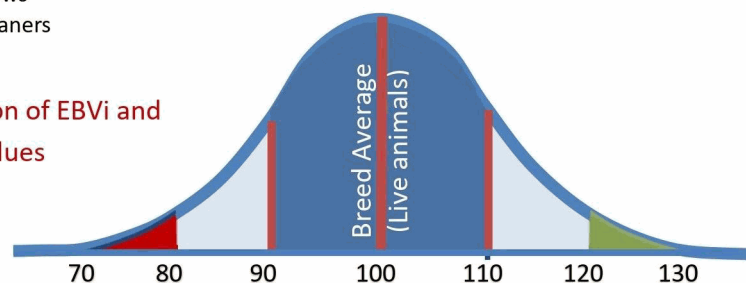


Logix Cow Value

Selecting for:

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

Interpretation of EBVi and Selection Values



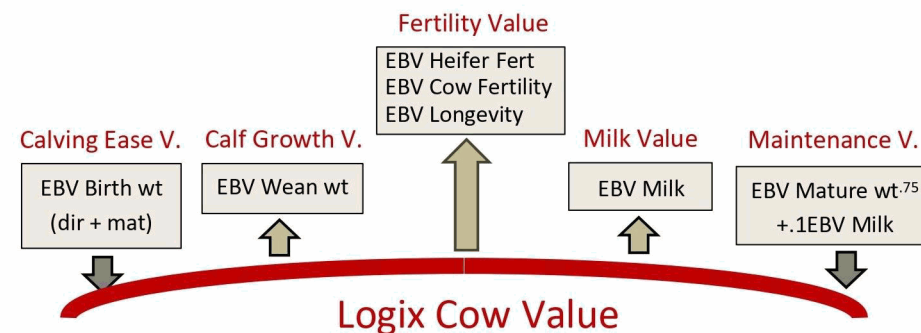
	<< Less favourable	Average	>> More favourable
Logix Cow Value			
Calving Ease Value	• Heavier birth weight		• Lower birth weight
Calf Growth Value	• Lower weaning wght		• Higher weaning wght
Milk Value	• Less milk		• More milk
Maintenance Value	• Higher maintenance (Heavier cow)		• Lower maintenance (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

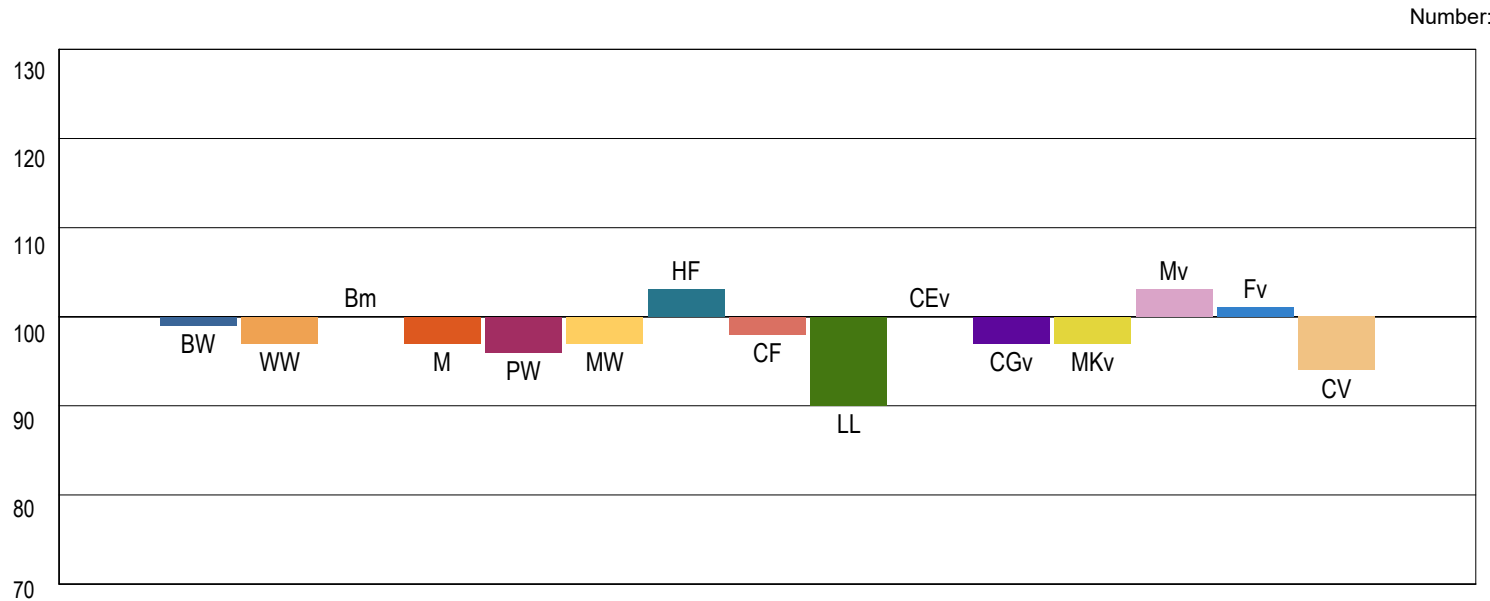
* Depending on selection goal

	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	0.14	99	0.09
	Weaning Wt	1.38	97	2.5
	Birth Mat.	-0.09	100	-0.09
	Milk(Wn.Mat.)	1.1	97	1.8
Postwean Growth	Post wean Wt	-2.3	96	-0.1
	Mature Wt	8	97	11
Fertility	Heifer Fertility	-2	103	1
	Cow Fertility	-1	98	-2
	Longevity	9	90	13

Selection Value	Avg. Herd
Calving Ease	100
Calf Growth	97
Milk	97
Maintenance	103
Fertility	101
Cow Value	94

- 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?:

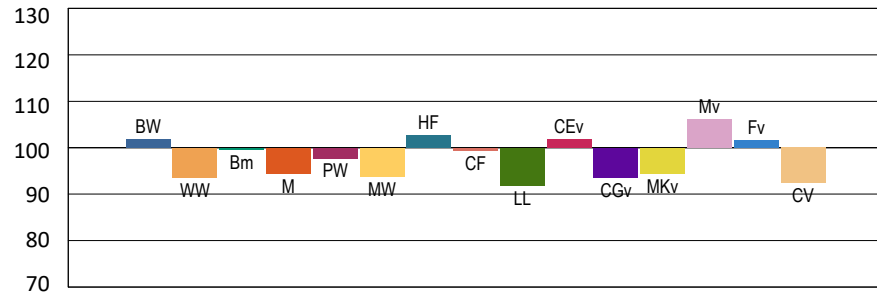
Calving ease:	Smaller calf at birth - easier calving
Calf growth:	Heavier calves at wean due to growth potential of the calf
Milk:	Cows with more milk and better mothering ability
Maintenance:	Animals with low maintenance requirements (lower mature weight).
Fertility:	Cows/daughters that calve earlier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

Genetic Windows

Bulls on Farm

Bulls born in 2022 and earlier

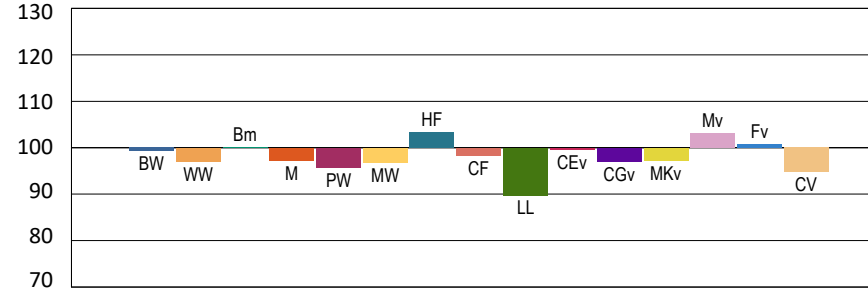
Number: 7



Cow Herd

Cows born in 2023 and earlier

Number: 50



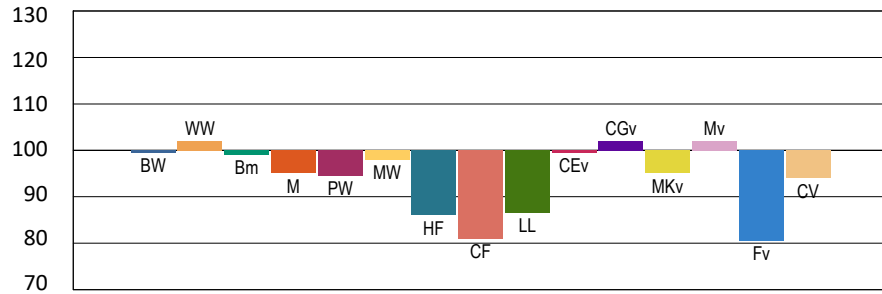
Abbreviations

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

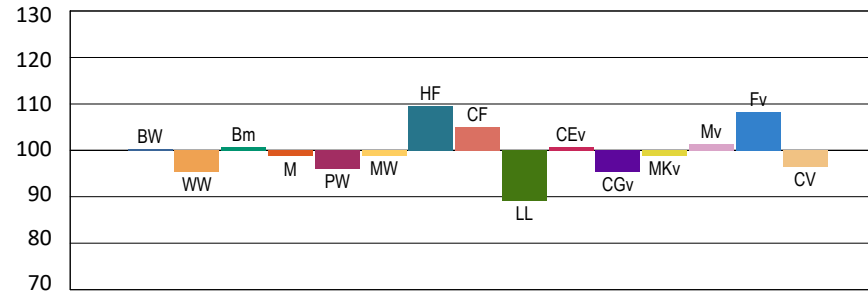
Number: 2



Cows older than 6 years

Cows born in 2019 and earlier

Number: 21



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:

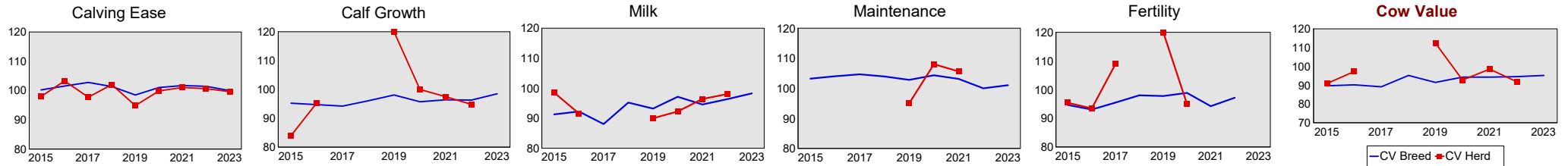


Summary of Genetic Merits of Cows in the Herd

			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	99	101	100	100	101	99	101	99	99	99	100	100	100
2010	5	★★★★	102	90	104	107	96	93	102	90	97	104	91	93	100	95	89
2012	1	★★★★	103	98	97	90	75	91	102	98	104	97	105	110	87	75	71
2013	1	★★★★★	92	116	122	95	96	118	90	116	107	122	119	105	103	92	82
2014	3	★★★★	102	94	95	103	128	98	102	94	103	95	96	97	119	127	100
2015	3	★★★★	103	90	101	102	113	95	102	90	104	101	89	98	111	110	85
2016	3	★★★★	103	96	89	104	107	97	103	96	99	89	94	97	117	100	84
2017	5	★★★★	95	98	99	98	110	92	96	98	97	99	98	102	112	106	85
2019	1	★★★★★	99	122	83	98	121	113	96	122	119	83	114	102	112	119	123
2020	3	★★★★☆	95	110	96	104	95	100	93	110	109	96	103	96	95	95	106
2021	6	★★★★☆	101	98	98	103	103	102	100	98	105	98	97	97	106	101	88
2022	10	★★★★	99	97	95	105	94	91	99	97	98	95	94	95	99	92	89
2023	10	★★★★	98	96	96	105	91	90	99	96	96	96	94	95	96	89	88
Avg Cows in Herd			99	100	98	101	102	98	99	100	103	98	100	99	105	100	91

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		Calv. Ease	Dir	Weaning Weight	Calf Growth	Milk (Wn.Mat.)	EBV	Milk	Postwean Weight	EBV	Mature Weight	Maintenance	Heifer Fert.	EBV	Cow Fert.	EBV	Longevity	EBV	Ferti- lity					
	Number	EBV			Number					EBV		Number		EBV		Number		EBV		Number	EBV	Number	EBV	Number	
2016	11	-0.22	-0.25	103	13	0.8	95	13	-0.23	92					4	-3.3	4	0.3	9	5.7	94	97			
2017	16	0.29	0.10	98											3	-13.0			9	4.3	109				
2018	1	0.12	-0.82	102											1	-13.7			1	14.8					
2019	5	0.99	-0.89	95	2	12.7	128	2	-0.58	90	2	12.3		95	1	-9.9			4	7.2	121	113			
2020	15	0.26	-0.56	100	4	2.5	100	4	-0.04	92	3	-2.5		108	2	7.0			10	7.8	95	93			
2021	11	0.06	-0.26	101	10	1.6	98	10	0.95	96	5	-0.8		106					2	2.8		99			
2022	11	-0.01	0.01	101	5	0.6	95	5	1.33	98												92			
2023	12	0.11	0.04	100																					

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.)		Postwean Weight		Mature Weight		Maintenance	Heifer Fert.		Cow Fert.		Longevity		Ferti- lity		
	Number	Dir EBV			Number	EBV		Number	EBV	Milk	Number	EBV	Number		EBV	Number	EBV	Number	EBV	Number		EBV	
2016	606	-0.09	-0.03	101	243	0.6	95	243	-0.05	92	16	-4.4	24	8	104	39	-0.1	27	-0.2	587	5.1	93	90
2017	295	-0.22	-0.11	103	105	0.4	94	105	-1.06	88	92	-4.2	44	4	105	87	-0.2	47	0.1	283	6.6	96	89
2018	318	-0.05	-0.11	101	204	1.0	96	204	0.66	95	159	-1.1	42	5	104	104	-1.5	50	-1.7	319	7.1	98	95
2019	381	0.23	-0.04	98	284	1.8	98	284	0.19	93	230	-0.9	87	6	103	132	0.9	93	-0.9	376	8.1	98	92
2020	355	-0.03	-0.05	101	296	0.9	96	296	1.15	97	215	-1.5	36	9	104	81	1.9	47	-1.1	330	7.5	99	94
2021	376	-0.16	-0.04	102	308	1.2	96	308	0.51	95	204	-1.3	46	7	103	85	3.8			190	8.8	94	94
2022	319	-0.13	0.01	101	289	1.2	96	289	0.94	96	177	-1.1			100	41	2.9					97	95
2023	313	0.07	-0.04	100	178	1.9	98	178	1.41	98	83	1.1			101								95
2024	239	0.03	-0.09	100	209	2.8	101	209	2.03	101													102
2025	49	0.44	-0.13	97																			

Sires

Sire		<75 75 - 125 >125 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	Gr. test	Dght/Calves.								
		Breed Average:						0.09	100	2.5	100	-0.09	100	1.8	100	-0.1	100	11	100	0.8	100	-1.8	100	13.2	100		
BA 150009	PZ 080035	103	97	81	118	98	91	-0.08	1.4	-0.42	-2.7	-3.9	-6	-3.4	-0.6	6.4	28	20									
WARMBAD	PZ 060009	86	82	67	23	38	52	87	102	82	97	73	107	67	81	59	93	23	82	47	105	29	94	65	83	4	4
BWB 160009	VAS 100168	98	95	115	104	85	98	0.37	0.5	-0.14	5.5	8.1	8	4.3	1.7	3.4	48	50		1	1						
WHITEY	BWB 130005	81	83	61	11	24	44	83	97	83	95	63	114	11	96	33	96	14	82	52	76						
PGRMB 060509	PGRMB 020087	107	93	128	98	110	120	-0.67	0.0	-0.09	8.5	-2.7	14	-15.7	-2.5	6.9	16	1	1	4	15						
BEN TEN	PGRFB 021431	85	70	67	10	42	48	86	107	70	93	75	100	67	128	30	95	10	102	55	119	29	104	70	85	1	4
PZ 030002	PGRMB 950253	98	91	97	94	63	76	0.09	-0.7	0.58	1.2	-3.9	17	7.4	6.3	0.5	36	8	10	23	50						
BIG SON	NGIFLEB 950105	91	80	82	36	71	69	91	100	80	91	89	86	93	36	106	84	93	58	58	89	69					
PZ 060444	PZ 040040	111	75	121	121	112	110	-1.08	-6.5	-0.50	6.9	-13.9	-9	10.2	-5.0	9.9	107	44	7	24	74						
VRYSTAAT	PZ 030203	94	89	86	53	70	75	95	110	89	75	89	109	86	121	77	76	53	79	82	89	57	117	89	92	3	6
PZ 060475	PZ 030003	111	99	95	94	68	101	-1.03	2.1	-0.70	0.6	2.0	17	1.7	5.6	3.4	90	31	1	19	68						
RANGER	PZ 020416	93	87	84	48	68	72	94	110	87	99	88	113	84	95	66	104	48	106	82	99	55	61	88	76	4	8
PZ 060743	PZ 030003	99	98	78	95	78	75	0.03	1.8	0.58	-3.4	-3.6	16	8.0	2.9	3.4	124	46	13	22	89						
LIMPOPO	PZ 030303	95	91	88	52	72	76	96	101	91	98	78	94	52	105	86	92	58	75	92	76						
PZ 070156	PZ 030003	100	104	84	77	100	87	0.06	4.1	0.03	-2.0	9.6	33	-1.1	-1.5	3.0	83	20	4	11	17						
ZEBRA	PZ 030105	92	86	78	34	54	63	93	100	86	104	56	117	34	123	73	102	35	98	87	75						
PZ 070711	PZ070711	110	75	52	107	87	52	-0.76	-6.8	-1.03	-9.9	-16.6	4	-2.7	1.8	3.1	120	14	2	13	35						
		93	82	76	40	60	65	94	108	82	75	50	71	40	93	76	104	45	81	87	75						
PZ 080716	NGIFZZN 980180	93	97	128	99	79	100	0.88	1.5	0.15	8.5	-1.7	12	-7.9	4.0	-5.5	39	7		2	2						
DAWID		85	73	63	15	40	48	86	93	73	97	30	97	15	101	57	110	23	70	74	54						
PZ 090110	PGRMB 050200	82	134	75	94	82	90	2.29	14.9	-1.72	-4.2	15.8	17	13.3	1.4	14.7	37	21	2	8	14						
KAIRO	PZ 000033	87	83	74	36	50	60	88	80	83	134	61	128	36	106	64	86	36	83	74	104						
PZ 090132	PZ 030003	104	81	88	119	100	80	-0.34	-4.5	-0.06	-1.1	-2.0	-7	-19.1	0.0	3.3	26	13	1	5	24						
PZ090132	PZ 030284	86	83	74	34	52	61	87	104	83	81	56	97	34	81	63	122	40	90	77	76						
PZ 100025	PGRMB 050200	100	97	85	106	100	87	0.17	1.5	-0.19	-1.9	-2.2	5	-6.6	-0.9	8.9	3	3		1	1						
ISAAC	PZ 002808	79	72	62	17	35	46	80	99	72	97	24	96	17	94	44	108	26	95	57	89						
PZ 100128	PZ 030003	104	110	84	80	147	110	-0.08	6.2	-1.14	-2.1	2.2	30	-21.6	-11.9	13.0	55	9		9	47						
PZ100128	PZ 050377	90	83	80	38	59	65	91	102	83	110	62	104	38	120	73	125	45	153	81	100						
PZ 110068	PZ 070164	107	93	85	102	98	92	-0.73	0.0	-0.11	-1.7	-2.3	9	4.7	-1.4	1.5	34										
PZ110068	PZ 070129	79	66	58	12	29	41	80	107	66	93	20	96	12	98	37	96	21	98	60	71						
PZ 120206	PGRMB 080867	74	90	101	107	104	56	2.68	-1.3	1.40	2.0	-5.5	5	-14.9	-1.2	1.9	22	6	1	1	3						
PZ 120206	PZ 052064	84	79	64	16	28	46	85	77	79	90	42	91	16	93	40	118	15	97	69	72						
PZ 130207	PZ 080043	98	87	102	105	92	83	0.10	-2.2	0.59	2.3	-9.6	7	7.0	-0.3	6.5	57	49	16	10	22						
PZ 130207	PZ 092182	91	89	77	48	51	65	92	100	89	87	80	83	48	95	65	93	37	92	76	83						
PZ 170084	PZ 060743	98	97	90	107	84	85	0.20	1.4	0.22	-0.7	-5.3	4	12.1	1.3	9.0	28	9									
PZ 170084	PZ 120161	81	80	68	30	42	54	82	99	80	97	53	91	30	93	50	87	33	84	59	90						
UB 170004	UP 130003	101	107	100	97	77	103	0.03	5.1	-0.32	1.7	-1.3	14	14.1	2.5	6.4	21	19									
ERIC	PZ 080230	82	79	61	13	27	44	83	100	79	107	50	98	13	103	40	85	14	78	53	83						

Bulls

Bull			Selection Values (SV)					Calf Weight			Mother		Growth		Fertility									
ID	% Inbr.	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:						0.09	100	2.5	100	-0.1	100	1.8	100	0.8	100	-1.8	100	13.2	100		
			Bull Average:						0.66	95	4.1	104	0.07	97	2.6	103	2.7	105	15	103	1.8	99	-1.6	99
			Shaded EBVi:						90-110	>100	>100	>100	>100	90-110	>100	>100	>100	>100	>100	>100				
PZ 170084		PZ 060743	98 81	97 80	90 68	107 30	84 42	85 54	0.20	1.4	0.22	-0.7	-5.3	4	12.1	1.3	9.0							
MATHOMO PZ 170084		PZ 120161	★★★	★★★	★★★	★★★★	★★	★★	82 99	80 97	73 93	68 90	53 91	30 93	50 87	33 84	59 90							
SPD 210011		BWB 160009	96 74	100 76	103 58	112 10	96 23	97 41	0.64	2.5	-0.13	2.5	22.5	0	-10.8	0.3	7.6							
SEPEDI SPD 210011		SPD 130003	★★★	★★★	★★★	★★★★	★★★	★★★	75 95	76 100	64 101	58 103	44 139	10 88	30 113	16 89	41 86							
SPD 210012	1	BWB 160009	105 75	95 75	100 58	99 10	113 24	102 41	-0.36	0.7	-0.31	1.9	2.0	12	-10.9	-3.6	9.9							
SEPEDI SPD 210012		SPD 140005	★★★	★★★	★★★	★★★	★★★★	★★★	76 104	75 95	66 105	58 100	34 104	10 101	32 113	17 109	40 92							
SPD 210020		BA 150009	106 75	86 75	89 60	110 12	96 22	86 41	-0.59	-2.5	-0.13	-1.0	-10.8	1	1.1	-0.6	8.6							
SEPEDI SPD 210020		R 100006	★★★	★★	★★	★★★★	★★★	★★	76 106	75 86	67 101	60 89	44 81	12 90	24 100	19 94	43 89							
SPD 220004	3	PZ 170084	100 73	94 73	91 61	103 15	117 28	91 43	0.07	0.4	-0.11	-0.4	-4.5	8	-4.9	-5.0	13.2							
SEPEDI SPD 220004		SPD 140008	★★★	★★★	★★★	★★★★	★★★★	★★★	74 100	73 94	68 100	61 91	32 92	15 97	37 106	18 117	40 100							
SPD 220022	3	PZ 170084	104 73	96 69	88 61	102 15	113 27	94 42	-0.34	0.8	-0.13	-1.0	-5.0	9	-6.5	-3.9	11.0							
SEPEDI SPD 220022		SPD 140005	★★★	★★★	★★	★★★★	★★★★	★★★	74 104	69 96	67 101	61 88	29 91	15 98	36 108	18 111	40 95							
SPD 220026	1	PZ 170084	104 74	87 70	100 61	110 18	92 30	92 44	-0.47	-2.2	0.09	1.9	-8.3	2	8.2	-0.3	9.7							
SEPEDI SPD 220026		PZ 100232	★★★	★★	★★★	★★★★	★★★	★★★	75 105	70 87	68 96	61 100	32 86	18 90	38 92	23 92	43 91							

Cows

Cow			<75	75 - 125	>125	Selection Values (SV)						Calf Weight				Mother				Growth				Fertility					
ID	%	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												
Name	Inbr.	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: 0.09 100 2.5 100 -0.09 100 1.8 100 Bull Average: 0.66 95 4.1 104 0.07 97 2.6 103						90-110 >100		>100 >100		>100 90-110		>100 >100		>100												
PZ 100033	14	PZ 060444	103 80	83 71	125 71	110 19	101 48	103 53	-0.25 80	-3.9 71	-0.06 79	7.8 71	-9.4 40	2 19	17.6 64	-3.2 31	15.8 64												
MATHOMO PZ100033		PZ 070148	★★★★	★★	★★★★	★★★★☆	★★★★	★★★★	103	83	99	124	84	90	81	107	106												
PZ 100121		PGRMB 060509	102 79	95 68	123 71	98 8	106 43	112 48	-0.23 79	0.6 68	0.08 77	7.3 71	-1.3 21	13 8	-12.9 54	-1.7 32	8.4 57												
MATHOMO PZ100121		PZ 052045	★★★★	★★★	★★★★	★★★	★★★★	★★★★☆	103	95	96	123	98	102	115	99	88												
PZ 100214		PZ 030002	102 79	82 69	67 70	109 20	81 48	59 52	-0.27 79	-4.1 69	0.32 77	-6.1 70	-8.4 32	2 20	-4.7 57	3.2 39	3.9 62												
MATHOMO PZ100214		PZ 050183	★★★★	★★	★	★★★★	★★	★	103	82	91	67	86	91	106	74	77												
PZ 100232	2	PZ 060444	110 81	77 72	111 70	112 25	100 50	99 55	-1.12 81	-5.8 72	-0.04 79	4.5 70	-11.1 42	0 25	4.2 61	-1.8 38	10.5 64												
MATHOMO PZ100232		PZ 070026	★★★★☆	★★	★★★★☆	★★★★☆	★★★★	★★★★☆	111	77	99	111	81	88	96	100	93												
R 100006		R 070010	92 76	113 74	93 68		94 14		1.02 76	7.4 74	0.01 75	0.1 68	4.1 27			-0.7 27	5.7 47												
100006			★★★★	★★★★☆	★★★		★★★★		92	113	98	93	107			94	82												
PZ 120010		PZ 070156	103 80	98 71	97 70	90 17	75 33	91 46	-0.18 80	1.9 71	-0.26 78	1.1 70	2.7 30	21 17	12.2 46	3.1 20	1.3 62												
MATHOMO PZ 120010		PZ 020401	★★★★	★★★	★★★	★★★	★★	★★★★	102	98	104	97	105	110	87	75	71												
SPD 130004		PZ 090132	92 72	116 74	122 67	95 17	96 38	118 48	1.16 72	8.4 74	-0.41 75	7.2 67	10.7 32	16 17	-2.3 46	-0.3 31	5.7 52												
SEPEDI SPD 130004		PZ 102209	★★★★	★★★★☆	★★★★	★★★	★★★★	★★★★☆	90	116	107	122	119	105	103	92	82												
SPD 140002	3	PZ 090132	94 78	88 70	109 63	114 17	95 40	86 48	0.71 78	-2.0 70	0.26 76	4.0 63	-2.5 32	-3 17	-2.6 53	-0.1 28	9.6 57												
SEPEDI SPD 140002		PZ 100033	★★★★	★★	★★★★	★★★★☆	★★★★	★★	94	88	93	109	96	86	104	91	91												
SPD 140005		PZ 100128	110 79	94 70	87 68	97 18	142 45	104 51	-0.94 79	0.1 70	-0.46 77	-1.4 68	-4.8 32	14 18	-25.1 56	-9.1 34	13.1 56												
SEPEDI SPD 140005		PZ 100177	★★★★☆	★★★	★★	★★★★	★★★★★	★★★★	109	94	108	87	92	103	129	138	100												
SPD 140008		PZ 100128	103 79	101 72	88 71	97 19	147 46	105 52	-0.09 79	2.8 72	-0.49 77	-1.0 71	-0.3 38	14 19	-20.0 58	-11.7 33	17.4 55												
SEPEDI SPD 140008		PZ 100151	★★★★	★★★★	★★	★★★★	★★★★★	★★★★	102	101	109	88	100	103	123	152	110												
SPD 150002		PZ 070711	96 79	88 71	100 71	105 18	100 44	81 51	0.66 79	-2.0 71	-0.27 77	1.7 71	-8.6 34	6 18	12.1 58	-2.6 31	16.3 60												
SEPEDI SPD 150002		PZ 100033	★★★★	★★	★★★★	★★★★	★★★★	★★	95	88	104	100	85	95	87	104	108												
SPD 150004		PZ 080716	106 75	85 67	107 59	107 9	99 40	97 45	-0.70 76	-2.9 67	0.17 70	3.4 59	-7.7 19	4 9	-17.1 54	0.2 27	-2.5 53												
SEPEDI SPD 150004		PZ 100177	★★★★	★★	★★★★	★★★★	★★★	★★★★	107	85	94	107	87	93	120	90	61												
SPD 150005		PZ 100128	107 78	97 70	95 69	94 19	140 44	107 50	-0.52 78	1.2 70	-0.69 75	0.6 69	-3.2 36	17 19	-21.6 56	-8.8 33	7.5 54												
SEPEDI SPD 150005		PZ 100225	★★★★	★★★	★★★	★★★	★★★★★	★★★★	105	97	113	95	94	106	125	137	86												
SPD 160005		PZ 100025	103 74	87 72	87 58	113 9	111 29	86 42	-0.26 75	-2.1 72	-0.03 67	-1.3 58	-6.8 16	-1 9	-11.1 37	-2.9 21	5.2 43												
SEPEDI SPD 160005		PZ 100177	★★★★	★★	★★	★★★★☆	★★★★☆	★★	103	87	99	87	88	87	113	106	80												
SPD 160006		PZ 060475	111 80	98 76	99 69	94 24	92 47	107 54	-1.15 80	1.7 76	-0.25 77	1.5 69	0.2 34	17 24	-11.8 57	1.3 37	6.9 58												
SEPEDI SPD 160006		PZ 100121	★★★★☆	★★★	★★★	★★★	★★★	★★★★	111	98	103	99	100	106	114	84	84												
SPD 160007	13	PZ 100025	95 75	102 70	80 59		118 32		0.66 76	3.2 70	0.15 70	-3.0 59			-20.2 46	-4.0 18	8.4 46												
SEPEDI SPD 160007		PZ 100212	★★★★	★★★★	★★		★★★★		95	102	95	80			124	111	88												

Cows

Cow			Selection Values (SV)					Calf Weight			Mother			Growth			Fertility							
ID Name	% Inbr.	Sire ID Dam 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							
			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				
Inbreeding >6% is high			Breed Average:						0.09	100	2.5	100	-0.09	100	1.8	100	0.8	100	-1.8	100	13.2	100		
			Bull Average:						0.66	95	4.1	104	0.07	97	2.6	103	2.7	105	15	103	1.8	99	-1.6	99
			Shaded EBVi						90-110	>100	>100	>100	>100	>100	>100	>100	>100	>100	>100	>100	>100			
SPD 170003		PZ 120206	82 74	97 68	112 61	102 9	105 25	82 40	1.91	1.3	0.73	4.8	-1.3	9	-13.9	-1.4	5.1							
SEPEDI SPD 170003		PZ 100121	★★	★★★	★★★★	★★★★	★★★★	★★	75	84	67	82	23	98	33	117	44	80						
SPD 170006	3	PZ 110068	97 73	106 66	104 58	99 5	97 20	104 36	0.48	4.8	-0.27	2.8	5.0	12	1.2	-0.9	3.6							
SEPEDI SPD 170006		SPD 130004	★★★	★★★★	★★★★	★★★	★★★	★★★★	74	96	65	104	13	109	28	100	39	76						
SPD 170007	3	PZ 130207	100 77	94 72	94 63	101 24	121 36	93 48	0.07	0.3	-0.09	0.4	-5.7	10	-14.7	-5.1	14.6							
SEPEDI SPD 170007		SPD 140005	★★★★	★★★	★★★	★★★★	★★★★	★★★	78	100	71	100	42	90	52	117	50	103						
SPD 170010		PZ 120206	91 75	91 68	94 59	105 11	112 26	78 40	0.87	-0.7	0.66	0.3	-4.8	6	-18.6	-2.5	4.7							
SEPEDI SPD 170010		PZ 100212	★★★	★★★	★★★	★★★★	★★★★	★★	76	93	67	84	24	92	35	122	44	79						
SPD 170016	8	PZ 100128	107 76	102 70	90 64	85 16	115 29	102 43	-0.48	3.2	-0.69	-0.6	1.4	26	-4.7	-4.4	7.1							
SEPEDI SPD 170016		PZ 120010	★★★★	★★★★	★★★	★★	★★★★	★★★★	77	105	71	113	31	103	41	106	50	85						
SPD 190002	1	PZ 090110	99 76	122 75	83 63	98 19	121 36	113 48	0.58	10.5	-0.96	-2.3	8.2	13	-9.9	-5.4	22.5							
SEPEDI SPD 190002		SPD 140008	★★★	★★★★	★★	★★★	★★★★	★★★★	77	96	69	119	43	114	51	112	48	123						
SPD 200007		BA 150009	89 75	110 75	88 60	106 12	96 22	88 41	1.47	6.1	-0.30	-1.0	1.0	6	1.2	-0.6	10.5							
SEPEDI SPD 200007		R 100006	★★	★★★★	★★	★★★★	★★★	★★	76	88	67	104	43	102	24	100	42	93						
SPD 200008		BA 150009	100 77	103 74	100 61	105 11	103 34	104 45	0.15	3.5	-0.34	1.8	-0.1	6	-7.5	-1.4	14.8							
SEPEDI SPD 200008		PZ 100121	★★★★	★★★★	★★★★	★★★★	★★★★	★★★★	78	99	72	105	40	100	48	109	47	104						
SPD 200018	2	PZ 090110	95 71	117 70	100 63	102 19	87 36	108 46	1.02	8.9	-0.91	1.8	3.2	9	21.6	-0.4	22.2							
SEPEDI SPD 200018		PZ 100033	★★★	★★★★	★★★★	★★★★	★★	★★★★	71	92	69	118	35	106	52	77	52	122						
SPD 210004	2	BA 150009	95 75	96 74	84 57		107 22		0.73	0.9	-0.10	-2.1	-3.1		-13.0	-2.0	7.6							
SEPEDI SPD 210004		SPD 160007	★★★	★★★	★★		★★★★		76	94	66	100	24	95	32	116	41	86						
SPD 210013	1	BWB 160009	98 75	98 75	100 60	101 10	118 24	99 41	0.38	1.8	-0.34	1.8	0.4	11	-7.8	-5.0	11.3							
SEPEDI SPD 210013		SPD 140008	★★★	★★★	★★★★	★★★★	★★★★	★★★	76	97	66	105	46	101	33	110	41	95						
SPD 210016		UB 170004	104 75	96 74	108 60	100 12	90 27	104 42	-0.31	1.2	-0.23	3.9	-8.5	11	17.0	-0.6	12.3							
SEPEDI SPD 210016		PZ 100033	★★★★	★★★	★★★★	★★★★	★★★	★★★★	76	104	67	103	44	85	37	82	45	98						
SPD 210017		BWB 160009	97 74	111 76	115 59	97 10	91 22	114 40	0.57	6.6	-0.32	5.6	11.6	14	2.0	0.5	4.7							
SEPEDI SPD 210017		SPD 130004	★★★	★★★★	★★★★	★★★	★★★	★★★★	75	96	66	105	35	120	28	99	39	79						
SPD 210018	6	BA 150009	107 76	90 75	93 59	110 8	94 25	95 41	-0.64	-1.0	-0.29	0.1	-4.5	2	-8.9	0.6	6.9							
SEPEDI SPD 210018		SPD 160006	★★★★	★★★	★★★	★★★★	★★★	★★★	77	106	67	104	30	92	35	111	44	84						
SPD 210019	4	BA 150009	105 75	96 75	86 60	105 11	119 26	96 42	-0.26	0.9	-0.57	-1.5	-7.6	6	-12.4	-4.7	8.5							
SEPEDI SPD 210019		SPD 150005	★★★★	★★★	★★	★★★★	★★★★	★★★	76	103	67	110	44	87	35	115	44	88						
SPD 220001	6	UB 170004	98 68	103 67	104 54				0.38	3.7	-0.05	2.8	-0.9		-3.8		3.8							
SEPEDI SPD 220001		SPD 150006	★★★	★★★★	★★★★				68	97	64	99	16	98	28	105	33	77						
SPD 220005		PZ 170084	101 73	87 72	109 61	108 15	94 29	93 43	-0.12	-2.3	0.20	4.0	-6.8	3	-1.9	0.1	8.6							
SEPEDI SPD 220005		PZ 100121	★★★★	★★	★★★★	★★★★	★★★	★★★	74	102	68	94	28	88	36	103	42	89						

Cows

Cow			<75	75 - 125	>125	Selection Values (SV)						Calf Weight				Mother				Growth				Fertility					
ID	%	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	Inbr.	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:						0.09	100	2.5	100	-0.09	100	1.8	100	-0.1	100	11	100	0.8	100	-1.8	100	13.2	100			
			Bull Average:						0.66	95	4.1	104	0.07	97	2.6	103	2.7	105	15	103	1.8	99	-1.6	99					
			Shaded EBVi						90-110	>100	>100	>100	>100	>100	>100	>100	>100	>100	>100	>100	>100	>100	>100	>100					
SPD 220006	1	PZ 170084	97 73	97 73	93 62	106 16	92 28	87 43	0.48	100	1.3	100	-0.06	100	6	100	12.8	100	16 94	37 87	20 95	43 98							
SEPEDI SPD 220006		SPD 150002	★★★	★★★	★★★	★★★★	★★★	★★	74 96	73 97	68 99	62 93	30 91	16 94															
SPD 220007	4	PZ 170084	97 73	108 73	91 61	95 15	80 24	92 42	0.45	100	5.5	100	-0.08	100	16	100	13.6	100	15 105	33 86	15 81	44 81							
SEPEDI SPD 220007		PZ 120010	★★★	★★★★	★★★	★★★	★★	★★★★	74 97	73 108	68 100	61 91	29 105	15 105															
SPD 220010		PZ 170084	100 68	88 69	87 59	109 15	91 24	78 40	0.03	100	-1.8	100	0.24	100	2	100	-1.9	100	15 91	32 103	17 87	38 89							
SEPEDI SPD 220010		SPD 170012	★★★★	★★	★★	★★★★	★★★	★★	68 100	69 88	66 93	59 87	28 87	15 91															
SPD 220014	2	PZ 170084	98 68	109 70	86 59	103 15	102 25	99 41	0.39	100	5.9	100	-0.37	100	8	100	1.1	100	15 97	35 100	15 101	38 106							
SEPEDI SPD 220014		SPD 190002	★★★	★★★★	★★	★★★★	★★★★	★★★★	68 97	70 109	66 106	59 86	32 103	15 97															
SPD 220023	3	PZ 170084	102 73	97 69	92 61	100 15	112 28	96 42	-0.06	100	1.5	100	-0.24	100	11	100	-4.8	100	15 100	36 106	19 110	39 88							
SEPEDI SPD 220023		SPD 150005	★★★★	★★★	★★★	★★★★	★★★★	★★★★	74 101	69 97	67 103	61 92	30 93	15 100															
SPD 220025		PZ 170084	101 73	92 68	98 59	107 15	91 28	91 42	-0.13	100	-0.5	100	0.19	100	4	100	-2.5	100	15 93	36 104	21 87	39 76							
SEPEDI SPD 220025		SPD 150004	★★★★	★★★	★★★	★★★★	★★★	★★★★	74 102	68 92	66 94	59 98	28 89	15 93															
SPD 220027	2	PZ 170084	100 73	99 70	95 59	106 14	93 24	95 40	0.08	100	2.2	100	-0.06	100	5	100	2.3	100	14 94	34 98	15 91	38 97							
SEPEDI SPD 220027		SPD 200008	★★★★	★★★	★★★	★★★★	★★★	★★★★	74 100	70 99	66 99	59 95	32 95	14 94															
SPD 220028	4	PZ 170084	97 73	91 69	99 59	111 14	89 26	86 41	0.33	100	-0.6	100	0.24	100	1	100	4.7	100	14 89	35 96	17 88	40 90							
SEPEDI SPD 220028		SPD 140002	★★★	★★★	★★★	★★★★	★★	★★	74 98	69 91	67 93	59 99	28 93	14 89															
SPD 230001		PZ 170084	96 68	99 69	85 59	106 10	101 24	85 39	0.43	100	2.3	100	0.18	100	5	100	-4.0	100	10 94	33 105	16 98	37 89							
SEPEDI SPD 230001		SPD 160007	★★★	★★★★	★★	★★★★	★★★★	★★	68 97	69 99	66 94	59 85	21 96	10 94															
SPD 230002		PZ 170084	95 69	105 70	91 61	100 15	89 23	90 40	0.61	100	4.4	100	0.11	100	11	100	8.9	100	15 100	25 91	21 89	38 86							
SEPEDI SPD 230002		R 100006	★★★	★★★★	★★★	★★★★	★★	★★★★	69 95	70 105	67 96	61 91	30 99	15 100															
SPD 230006	4	PZ 170084	101 72	97 69	93 61	99 15	79 24	88 41	-0.03	100	1.6	100	-0.02	100	13	100	12.1	100	15 101	33 87	15 79	43 80							
SEPEDI SPD 230006		PZ 120010	★★★★	★★★	★★★	★★★	★★	★★	73 101	69 97	68 99	61 93	29 98	15 101															
SPD 230013		PZ 170084	98 73	98 69	106 62	103 15	95 29	98 43	0.28	100	1.7	100	0.14	100	8	100	-0.4	100	15 97	36 101	22 92	41 89							
SEPEDI SPD 230013		PZ 100121	★★★	★★★	★★★★	★★★★	★★★	★★★★	74 98	69 98	68 95	62 106	28 96	15 97															
SPD 230014	4	PZ 170084	94 73	94 69	99 59	111 14	89 26	85 41	0.68	100	0.2	100	0.23	100	1	100	4.7	100	14 89	35 96	17 88	40 90							
SEPEDI SPD 230014		SPD 140002	★★★	★★★	★★★	★★★★	★★	★★	74 95	69 94	67 93	59 99	28 95	14 89															
SPD 230015		PZ 170084	94 73	100 68	99 59	104 15	93 28	91 42	0.66	100	2.3	100	0.22	100	7	100	-4.8	100	15 96	36 106	20 88	39 80							
SEPEDI SPD 230015		SPD 150006	★★★	★★★★	★★★	★★★★	★★★	★★★★	74 95	68 100	66 93	59 99	28 96	15 96															
SPD 230016	1	PZ 170084	99 74	91 70	101 61	110 18	92 30	90 44	0.12	100	-0.8	100	0.08	100	2	100	8.2	100	18 90	38 92	23 92	43 91							
SEPEDI SPD 230016		PZ 100232	★★★	★★★	★★★★	★★★★	★★★	★★★★	75 100	70 91	68 96	61 101	32 89	18 90															
SPD 230021	3	PZ 170084	101 74	100 70	95 61	101 16	88 28	95 43	-0.06	100	2.5	100	-0.02	100	10	100	0.1	100	16 99	37 101	20 84	41 87							
SEPEDI SPD 230021		SPD 160006	★★★★	★★★★	★★★	★★★★	★★	★★★★	75 101	70 100	68 99	61 95	30 98	16 99															
SPD 230022	2	PZ 170084	104 74	87 69	107 62	108 16	92 30	96 43	-0.44	100	-2.2	100	0.09	100	3	100	14.8	100	16 92	40 84	20 96	44 98							
SEPEDI SPD 230022		PZ 100033	★★★★	★★	★★★★	★★★★	★★★	★★★★	75 105	69 87	68 96	62 107	32 85	16 92															

Cows

Cow			Selection Values (SV)						Calf Weight				Mother				Growth				Fertility								
			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												
ID	%	Sire 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					
Name	Inbr.	Dam ID							0.09	100	2.5	100	-0.09	100	1.8	100	-0.1	100	11	100	0.8	100	-1.8	100	13.2	100			
Inbreeding >6% is high			Breed Average:						0.66	95	4.1	104	0.07	97	2.6	103	2.7	105	15	103	1.8	99	-1.6	99					
			Bull Average:						0.66	95	4.1	104	0.07	97	2.6	103	2.7	105	15	103	1.8	99	-1.6	99					
			Shaded EBVi						90-110		>100		>100		>100		>100		90-110		>100		>100		>100				
SPD 230024			2	PZ	170084	102	73	91	69	86	58	111	14	91	21	84	39	-0.14	-0.6	0.05	-1.6	-6.8	1	1.2	0.6	8.3			
SEPEDI SPD 230024				SPD	200020	★★★	★★★	★★	★★★★	★★★	★★	74	102	69	91	65	97	58	86	30	88	14	89	28	100	14	88	35	88

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	SPD 210012	SPD 210012	BWB 160009	SPD 140005	0.7	10575	9575	10058	9910	11324	10241	
						★★★★☆						
1	SPD 210011	SPD 210011	BWB 160009	SPD 130003	0.1	9674	10076	10358	11210	9623	9741	
2	SPD 220004	SPD 220004	PZ 170084	SPD 140008	3.1	10073	9473	9161	10315	11728	9143	
3	SPD 220022	SPD 220022	PZ 170084	SPD 140005	3.2	10473	9669	8861	10215	11327	9442	
4	SPD 220026	SPD 220026	PZ 170084	PZ 100232	1.2	10474	8770	10061	11018	9230	9244	
						★★★						
1	PZ 170084	PZ 170084	PZ 060743	PZ 120161	0.0	9881	9780	9068	10730	8442	8554	
2	SPD 210020	SPD 210020	BA 150009	R 100006	0.0	10675	8675	8960	11012	9622	8641	

Selection List on Cow Values

Cows 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	PZ 100121	PZ100121	PGRMB 060509	PZ 052045	0.0	102 79	95 68	123 71	98 8	106 43	112 48	
2	SPD 130004	SPD 130004	PZ 090132	PZ 102209	0.0	92 72	116 74	122 67	95 17	96 38	118 48	
3	SPD 190002	SPD 190002	PZ 090110	SPD 140008	0.9	99 76	122 75	83 63	98 19	121 36	113 48	
4	SPD 210017	SPD 210017	BWB 160009	SPD 130004	0.0	97 74	111 76	115 59	97 10	91 22	114 40	
					★★★★							
1	PZ 100033	PZ100033	PZ 060444	PZ 070148	14.3	103 80	83 71	125 71	110 19	101 48	103 53	
2	SPD 140005	SPD 140005	PZ 100128	PZ 100177	0.2	110 79	94 70	87 68	97 18	142 45	104 51	
3	SPD 140008	SPD 140008	PZ 100128	PZ 100151	0.0	103 79	101 72	88 71	97 19	147 46	105 52	
4	SPD 150005	SPD 150005	PZ 100128	PZ 100225	0.0	107 78	97 70	95 69	94 19	140 44	107 50	
5	SPD 160006	SPD 160006	PZ 060475	PZ 100121	0.0	111 80	98 76	99 69	94 24	92 47	107 54	
6	SPD 170006	SPD 170006	PZ 110068	SPD 130004	3.2	97 73	106 66	104 58	99 5	97 20	104 36	
7	SPD 170016	SPD 170016	PZ 100128	PZ 120010	7.9	107 76	102 70	90 64	85 16	115 29	102 43	
8	SPD 200008	SPD 200008	BA 150009	PZ 100121	0.1	100 77	103 74	100 61	105 11	103 34	104 45	
9	SPD 200018	SPD 200018	PZ 090110	PZ 100033	1.8	95 71	117 70	100 63	102 19	87 36	108 46	
10	SPD 210016	SPD 210016	UB 170004	PZ 100033	0.0	104 75	96 74	108 60	100 12	90 27	104 42	
					★★★★★							
1	PZ 100232	PZ100232	PZ 060444	PZ 070026	1.7	110 81	77 72	111 70	112 25	100 50	99 55	
2	PZ 120010	PZ 120010	PZ 070156	PZ 020401	0.0	103 80	98 71	97 70	90 17	75 33	91 46	
3	SPD 150004	SPD 150004	PZ 080716	PZ 100177	0.0	106 75	85 67	107 59	107 9	99 40	97 45	
4	SPD 170007	SPD 170007	PZ 130207	SPD 140005	3.2	100 77	94 72	94 63	101 24	121 36	93 48	
5	SPD 210013	SPD 210013	BWB 160009	SPD 140008	0.6	98 75	98 75	100 60	101 10	118 24	99 41	
6	SPD 210018	SPD 210018	BA 150009	SPD 160006	6.3	107 76	90 75	93 59	110 8	94 25	95 41	
7	SPD 210019	SPD 210019	BA 150009	SPD 150005	3.6	105 75	96 75	86 60	105 11	119 26	96 42	
8	SPD 220005	SPD 220005	PZ 170084	PZ 100121	0.0	101 73	87 72	109 61	108 15	94 29	93 43	
9	SPD 220007	SPD 220007	PZ 170084	PZ 120010	3.9	97 73	108 73	91 61	95 15	80 24	92 42	
10	SPD 220014	SPD 220014	PZ 170084	SPD 190002	1.6	98 68	109 70	86 59	103 15	102 25	99 41	
11	SPD 220023	SPD 220023	PZ 170084	SPD 150005	3.1	102 73	97 69	92 61	100 15	112 28	96 42	
12	SPD 220025	SPD 220025	PZ 170084	SPD 150004	0.0	101 73	92 68	98 59	107 15	91 28	91 42	
13	SPD 220027	SPD 220027	PZ 170084	SPD 200008	2.4	100 73	99 70	95 59	106 14	93 24	95 40	
14	SPD 230002	SPD 230002	PZ 170084	R 100006	0.0	95 69	105 70	91 61	100 15	89 23	90 40	
15	SPD 230013	SPD 230013	PZ 170084	PZ 100121	0.0	98 73	98 69	106 62	103 15	95 29	98 43	
16	SPD 230015	SPD 230015	PZ 170084	SPD 150006	0.1	94 73	100 68	99 59	104 15	93 28	91 42	

Selection List on Cow Values

Cows 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		
					★★★★☆							
17	SPD 230016	SPD 230016	PZ 170084	PZ 100232	1.2	9974	9170	10161	11018	9230	9044	
18	SPD 230021	SPD 230021	PZ 170084	SPD 160006	3.1	10174	10070	9561	10116	8828	9543	
19	SPD 230022	SPD 230022	PZ 170084	PZ 100033	1.6	10474	8769	10762	10816	9230	9643	
					★★★							
1	SPD 140002	SPD 140002	PZ 090132	PZ 100033	3.2	9478	8870	10963	11417	9540	8648	
2	SPD 150002	SPD 150002	PZ 070711	PZ 100033	0.0	9679	8871	10071	10518	10044	8151	
3	SPD 160005	SPD 160005	PZ 100025	PZ 100177	0.3	10374	8772	8758	1139	11129	8642	
4	SPD 170003	SPD 170003	PZ 120206	PZ 100121	0.1	8274	9768	11261	1029	10525	8240	
5	SPD 200007	SPD 200007	BA 150009	R 100006	0.0	8975	11075	8860	10612	9622	8841	
6	SPD 220006	SPD 220006	PZ 170084	SPD 150002	0.8	9773	9773	9362	10616	9228	8743	
7	SPD 220028	SPD 220028	PZ 170084	SPD 140002	3.9	9773	9169	9959	11114	8926	8641	
8	SPD 230001	SPD 230001	PZ 170084	SPD 160007	0.1	9668	9969	8559	10610	10124	8539	
9	SPD 230006	SPD 230006	PZ 170084	PZ 120010	3.9	10172	9769	9361	9915	7924	8841	
10	SPD 230014	SPD 230014	PZ 170084	SPD 140002	3.9	9473	9469	9959	11114	8926	8541	
11	SPD 230024	SPD 230024	PZ 170084	SPD 200020	2.4	10273	9169	8658	11114	9121	8439	
					★★★							
1	SPD 170010	SPD 170010	PZ 120206	PZ 100212	0.4	9175	9168	9459	10511	11226	7840	
2	SPD 220010	SPD 220010	PZ 170084	SPD 170012	0.0	10068	8869	8759	10915	9124	7840	
					★							
1	PZ 100214	PZ100214	PZ 030002	PZ 050183	0.0	10279	8269	6770	10920	8148	5952	



