

Tuli

Genetic Evaluation

SA Stud Book
October 2024

Herd Number: 676468

NTUNTENI TULI STUD
PRIVATE BAG 903
NORTON
ZIMBABWE



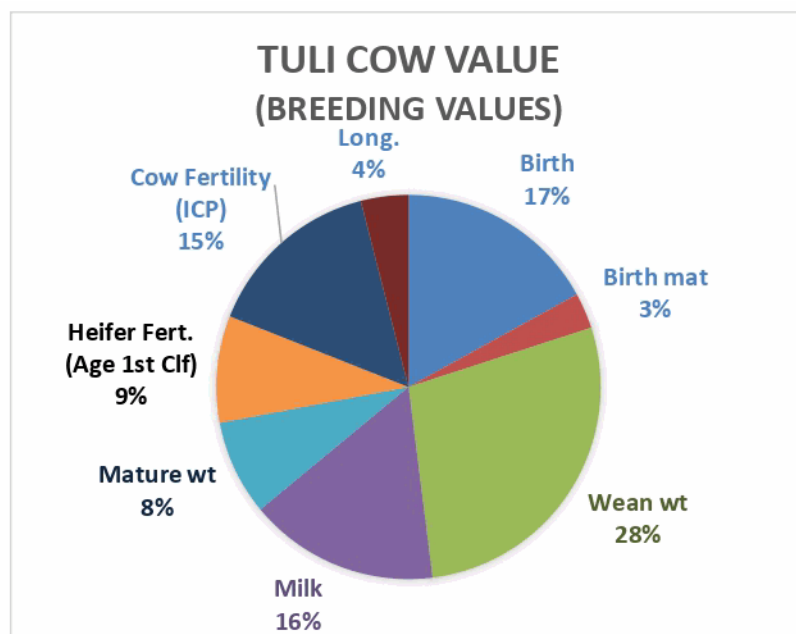


Figure 1: Breeding values as components of the Tuli Cow Value

SA Stud Book strives to stay abreast of the latest scientific and technological developments. The Cow Values of all Stud Book breeds are currently being evaluated and adjusted in collaboration with the relevant Councils.

The weights of the traits in the Tuli Cow Value has been evaluated and adjusted. Both Fertility and Calf Growth are important components of the Cow Value as, for example, a cow must be fertile and be able to wean an acceptable calf. Longevity is also included in the fertility component because it is a very important component of a fertile, well-adapted animal.

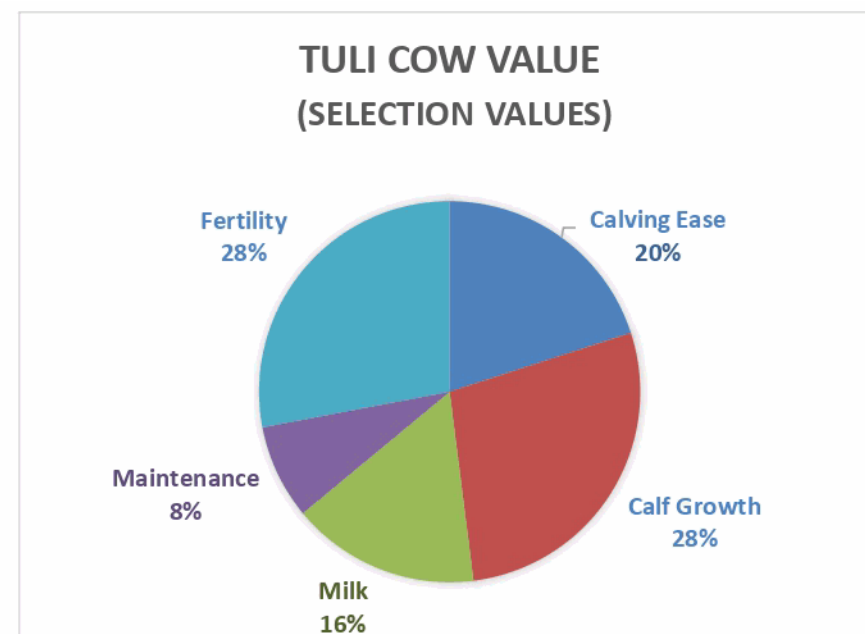


Figure 2: Selection Values as components of the Tuli Cow Value

Maintenance has a negative pressure to benefit cows with favourable cow-calf ratios (lighter cow with heavier calf) but has a low weight because breeders may prefer smaller or larger animals due to their environment.

The Cow Value and selection values of individual animals have therefore shifted, but in the breed the correlations with the previous values are still high. Breeders are advised to select animals on the selection-values as well, not just on the Cow Value, because animals with different genetic makeup may get the same Cow Value.

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.

CV: Cow Value

(Combination of EBVs based on measurements of cows and calves on the farm)

Selection Values	Calving Ease	Calf growth	Milk	Maintenance	Fertility
	Birth Weight: Calf's genetic potential for weight at birth	Wean weight: Calf's genetic potential for growth	Milk (wean maternal): Milk and mothering ability of cow	Mature weight : Heavier cows have higher maintenance requirements	Heifer Fertility: Age at 1 st calving
	Birth Mat: Cow's genetic ability to limit calf 's birth weight			0.1 x Milk: Higher milk increases maintenance requirements	Cow Fertility: ICP (inter-calving period) Longevity: Retention of family
>120 (Green)		Heavier weaner calf	More milk	Lower maintenance (smaller cow)	More fertile and/or good retention
80 - 120 (Grey)	Average birth weight	Average weaner calf	Average milk	Average maintenance (average cow size)	Average
< 80 (Red)	Heavy Birth Weights (More difficult calving)	Lighter weaner calf	Less milk	Higher maintenance (Heavier cow)	Less fertile and/or culled early

Breeding Values (EBVs)	Birth weight	Mat. birth weight	Weaning weight	Milk	Cow weight	Longevity	Heifer Fertility	Cow Fertility
Higher EBV	Heavier weight	Heavier weight	Heavier weight	More milk	Heavier weight	Family remains longer	Later calving	Longer ICP
Lower EBV	Lighter weight	Lower weight	Lighter weight	Less milk	Lighter weight	Family culled earlier	Earlier calving	Shorter ICP
Optimum EBV	Lower intermediate	Lower intermediate	Higher	Higher	Higher intermediate	Higher	Lower	Lower
Optimum EBVindex*	Higher intermediate	Higher intermediate	Higher	Higher	Higher intermediate	Higher	Higher	Higher

*EBV index above 100 is in a more favourable direction and better than breed average (100).

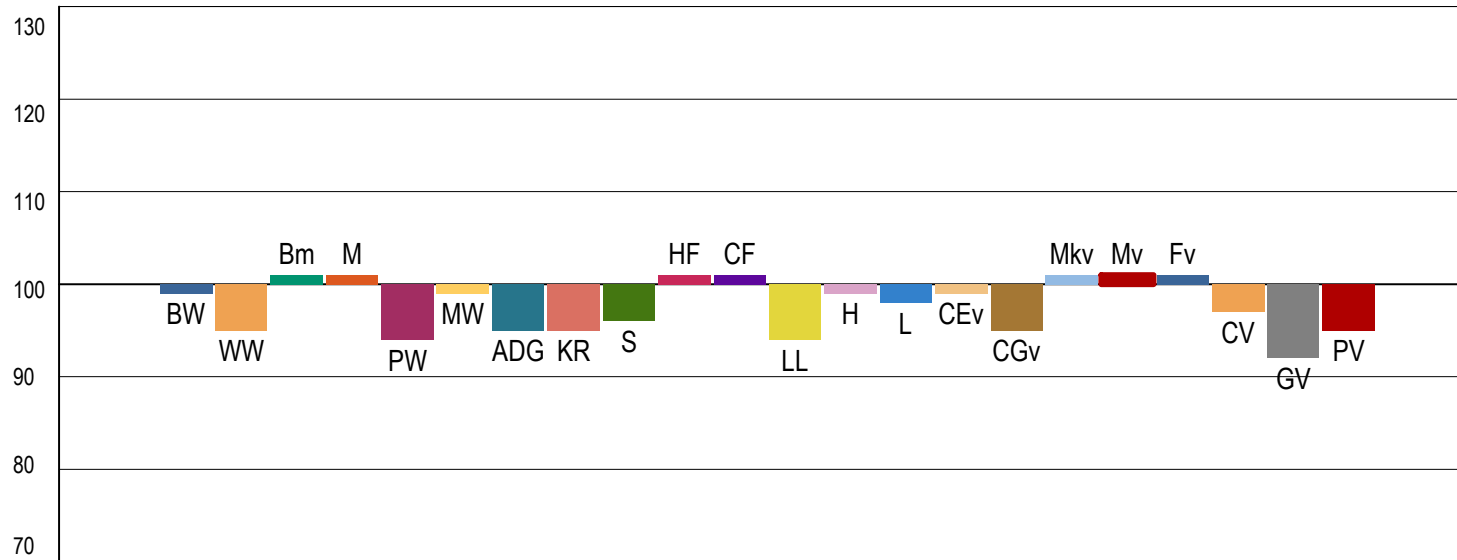
GV: Growth Value

(Combination of EBVs based on bulls measured in growth tests)

Breeding Values (EBVs)	ADG	Kleiber ratio	Feed conversion ratio	Scrotal circumference	Height	Length	Carcass
	Average daily gain	Growth efficiency	Feed conversion ratio	Bull fertility	Shoulder/Hip heigh	Body length	Dressing%, Red Meat Yield and Marbling
Higher EBV	More growth	More efficient on veld	Higher intake per kg gain	Larger scrotum	Taller animal	Longer animal	More
Lower EBV	Less growth	Less efficient on veld	Lower intake per kg gain	Smaller scrotum	Shorter animal	Shorter length	Less
Optimum EBV	Higher	Higher	Lower	Higher	Intermediate	Intermediate/high	Higher
Optimum EBV index	Higher	Higher	High	Higher	Higher intermediate	Higher intermediate	Higher

PV: Production Value is a combination of CV and GV)

Herd and Breed Averages



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
ADG	Average Daily Gain
KR	Kleiber (feed efficiency on veld)
S	Scrotal Circumference
HF	Heifer Fertility
CF	Cow Fertility
LL	Longevity
H	Height
L	Length

Selection Values

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

	Trait	EBV Herd	EBV Index	EBV Breed
Prewean Growth	Birth Weight	0.92	99	0.82
	Wean Weight	4.7	95	6.6
	Birth Mat.	0.13	101	0.16
	Milk (Wn.Mat.)	3.2	101	2.9
Postwean Growth	Postwean Wt	8.0	94	11.2
	Mature Weight	13	99	14
	ADG	101	95	114
	Kleiber	25	95	32
Fertility	Scrotal Circumf.	12.5	96	14.3
	Heifer Fertility	-2.3	101	-1.3
	Cow Fertility	-3.4	101	-3.2
	Longevity	11.7	94	15.0
Frame	Height	13	99	14
	Length	24	98	26
Carcass	Dressing%	0.07	101	0.05
	RedMeatYield	0.0	99	0.1
	Marbling	0.08	99	0.24

Selection Value	Ave. Herd
Calving Ease	99
Calf Growth	95
Milk	101
Maintenance	101
Fertility	101
Cow Value	97
Growth Value	92
Production Value	95

- 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?:

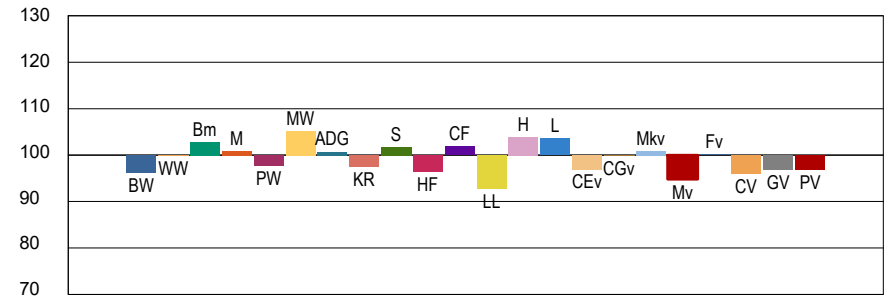
- Calving ease: Smaller calf at birth - easier calving
- Calf growth: Heavier calves at wean due to growth potential of the calf
- Milk: Cows with more milk and better mothering ability
- Maintenance: Animals with low maintenance requirements (lower mature weight).
- Fertility: Cows/daughters that calve

Genetic Window

Bulls on Farm

Bulls born in 2021 and earlier

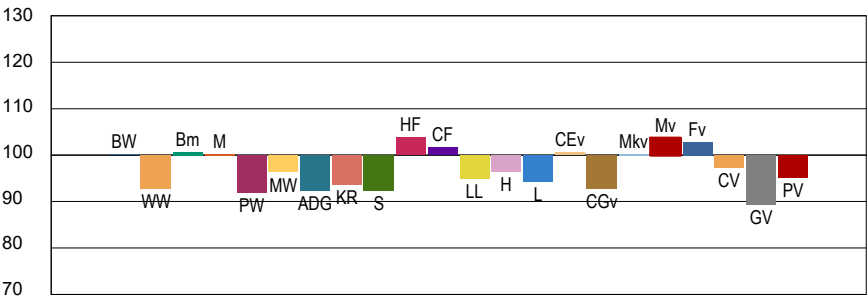
Number: 99



Cow Herd

Cows born in 2022 and earlier

Number: 226



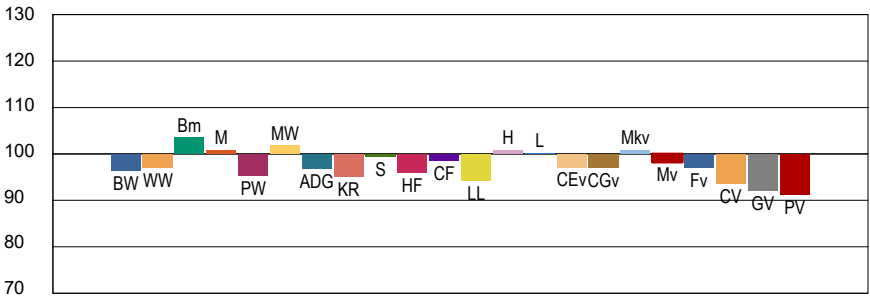
Abbreviations

BW	Birth Weight
WW	Weaning Weight
Bm	Birth mat
M	Milk
PW	Post-wean Weight
MW	Mature Weight
ADG	Avg. Daily Gain
KR	Kleiber Ratio
S	Scrotal Circumf.
HF	Heifer Fertility
CF	Cow Fertility
LL	Longevity
H	Height
L	Length
CEv	Calving Ease Value
CGv	Calf Growth Value
Mkv	Milk Value
Mv	Maintenance Value
Fv	Fertility Value

Sires of young animals

Sires of animals 3 years and younger

Number: 16



Cows older than 6 years

Cows born in 2018 and earlier

Number: 91



CV	Cow Value
GV	Growth Value
PV	Production Value

Bull Calves

Bull calves born in

Number:



Heifers

Heifers born in

Number:

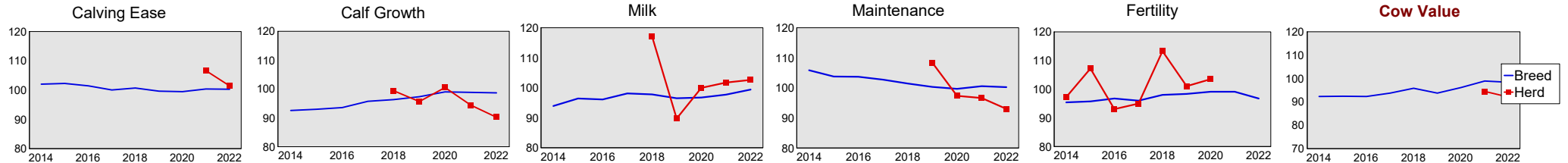


Summary of Cow Herd

			Selection Values (SV)								Calf Weight		Dam		Growth & Efficiency				Fertiity				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:			100	99	100	101	101	100	99	100	100	99	100	100	99	99	99	99	99	99	101	100	100	99	99
2005	2		105	94	115		95				105	94	98	115	104				98	94	85				
2008	1		105	93	109		93				105	93	94	109	103					106	88	64			
2009	1	★★★★☆	95	87	99	117	129	109	91	107	96	87	92	99	88	83	90	95	88	117	128	81	97	89	
2010	2		105	93	109		91				105	93	94	109	103					104	87	56			
2011	3	★★★★★☆☆	100	101	113	108	101	122	107	122	100	101	100	113	107	92	105	100	98	111	95	77	115	110	
2012	16	★★★★☆	99	92	108	103	109	106	90	101	100	92	93	108	96	97	101	103	95	114	105	88	103	98	
2013	7	★★★★	98	88	105	104	107	95			99	88	88	105	93	96	97	105	85	111	103	87	100	92	
2014	9	★★	106	87	104	108	90	78	75	67	106	87	96	104	92	92	81	81	95	95	90	81	94	88	
2015	14	★★★★☆	100	98	103	98	108	105	98	102	99	98	104	103	97	102	99	96	101	104	108	94	104	103	
2016	48	★★★★	101	91	96	109	96	93	79	86	100	91	103	96	88	91	82	82	85	103	94	94	85	87	
2017	15	★★★★	98	92	99	106	105	95	95	97	98	92	100	99	92	94	94	96	93	106	103	101	95	94	
2019	26	★★★★	99	96	91	108	100	96	92	95	99	96	96	91	95	92	95	96	97	94	103	100	99	97	
2020	1	★★★★★	91	106	112	93	154	136	98	133	90	106	105	112	102	107	100	99	94	165	144	109	107	102	
2021	60	★★★★	101	95	101	98	105	98	94	99	100	95	103	101	91	102	95	95	94	102	105	96	98	97	
2022	58	★★★★	101	91	103	105	100	94	82	86	100	91	100	103	92	95	90	93	89	103	98	94	94	91	
Cows in Herd Average:			100	94	104	105	106	102	91	100	100	94	98	104	96	95	94	95	93	109	103	87	99	96	

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.



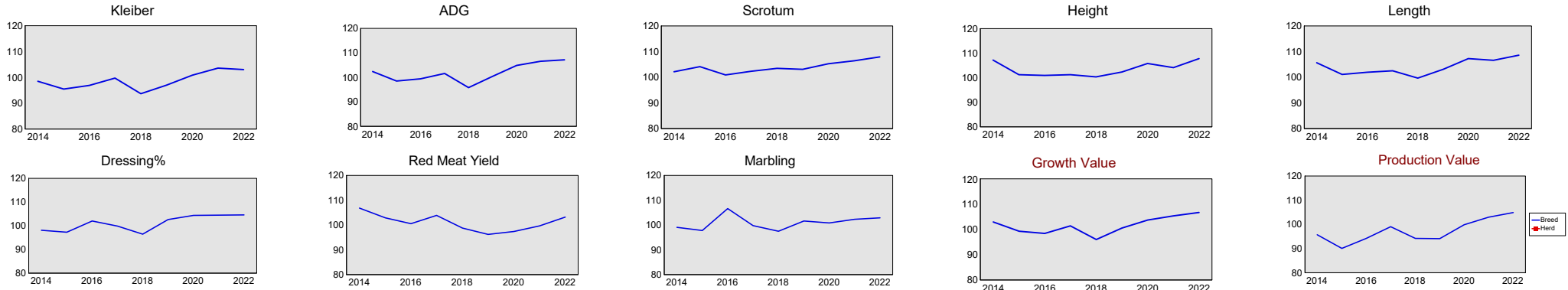
Herd

Birth Year	Calving Ease				Calf Growth			Milk			Maintenance			Fertility						Cow Value	
	Birth Weight		Calv. Ease	Weaning Weight	Calf Growth	Milk (Wn.Mat.)		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
2014														11	-1.6	9	-2.2	11	5.7	97	
2015														15	-4.3	13	-5.3	15	10.0	107	
2016														17	-3.4	15	-1.0	17	10.4	93	
2017														21	-3.4	14	-1.2	20	8.8	95	
2018					5	6.4	99	5	7.69	117				43	-6.4	24	-7.0	44	12.0	113	
2019					28	5.0	96	28	-0.01	90	28	7.9	108	24	2.1	5	-4.7	6	13.3	101	
2020					80	6.8	100	80	2.87	100	78	10.7	97	35	-0.1			49	10.1	104	
2021	19	0.34	0.10	107	136	4.5	94	136	3.36	102	97	7.2	97							95	
2022	140	0.74	0.17	101	97	2.9	90	97	3.59	103	5	17.0	93							92	

Breed

Birth Year	Calving Ease				Calf Growth			Milk			Maintenance						Fertility								Cow Value
	Birth Weight		Mat EBV	Calv. Ease	Weaning Weight		Calf Growth	Milk (Wn.Mat.)		Postwean Weight		Mature Weight		Mainte-nance	Heifer Fert.		Cow Fert.		Longevity		Ferti-lity				
	Number	Dir EBV			Number	EBV		Number	EBV	Number	EBV	Number	EBV		Number	EBV	Number	EBV	Number	EBV		Number	EBV		
2014	2744	0.67	0.13	102	1804	3.8	93	1804	1.15	94	991	6.9	338	8	106	686	0.4	449	-2.4	3192	7.3	95	92		
2015	2293	0.62	0.17	102	1783	4.0	93	1783	1.86	96	983	7.5	430	9	104	633	0.1	464	-2.3	3020	7.6	96	92		
2016	2171	0.69	0.17	101	1650	4.2	94	1650	1.78	96	1062	7.7	383	8	104	552	-1.1	428	-2.5	2651	8.5	97	92		
2017	2225	0.80	0.19	100	2114	5.0	96	2114	2.34	98	1376	9.5	384	10	103	606	1.5	420	-2.8	2767	8.9	96	94		
2018	2264	0.74	0.20	101	1980	5.2	96	1980	2.24	98	1244	10.0	464	12	101	609	-0.2	489	-2.8	2830	9.3	98	96		
2019	2039	0.83	0.21	100	1910	5.6	97	1910	1.89	97	1201	10.2	472	12	100	639	0.5	437	-3.2	2591	9.3	98	94		
2020	1975	0.86	0.18	99	1978	6.2	99	1978	1.95	97	1260	11.3	360	12	100	612	0.2	144	-3.9	1276	9.2	99	96		
2021	2303	0.79	0.13	100	2311	6.2	99	2311	2.23	98	1567	10.9	108	13	101	237	-1.2	14	-3.7			99	99		
2022	2304	0.79	0.15	100	2289	6.1	99	2289	2.69	99	1243	11.5	1	-5	100	26	-1.3					97	98		
2023	2254	0.74	0.20	101	1981	6.8	100	1981	2.65	99	209	10.6			102								101		
2024	866	0.66	0.16	102	96	6.2	99	96	2.58	99	2	1.8			134								101		

Genetic Trends for Growth Test Traits



Herd

Birth Year	Growth									Frame						Carcass Traits								Selection Values	
	Kleiber			ADG			Scrotal Circumf.			Height			Length				Dressing%		RMeat Yield		Marbling		Growth Value	Prod Value	
	Number	EBV	EBVi	Number	EBV	EBVi	Number	EBV	EBVi	Number	EBV	EBVi	Number	EBV	EBVi		Number	EBV	EBVi	EBV	EBVi	EBV			EBVi
2015																									
2016																									
2017																									
2018																									
2019																									
2020																									
2021																									
2022																									

Breed

Birth Year	Growth									Frame						Carcass Traits								Selection Values	
	Kleiber			ADG			Scrotal Circumf.			Height			Length			Number	Dressing%		RMeat Yield		Marbling		Growth Value	Prod Value	
	Number	EBV	EBVi	Number	EBV	EBVi	Number	EBV	EBVi	Number	EBV	EBVi	Number	EBV	EBVi		EBV	EBVi	EBV	EBVi	EBV	EBVi			
2015	96	26	95	96	110	99	96	16.2	104	96	15	101	96	27	101	61	0.00	97	0.00	99	0.000	98	99	90	
2016	90	28	97	90	112	99	90	14.7	101	90	14	101	90	28	102	57	0.08	102	0.44	102	0.952	107	98	94	
2017	151	31	100	151	118	102	151	15.4	102	151	15	101	151	28	103	97	0.05	100	0.55	102	0.208	100	101	99	
2018	147	24	94	147	102	96	147	15.9	103	147	14	100	147	26	100	114	-0.02	96	-0.81	95	-0.034	98	96	94	
2019	155	28	97	155	115	100	155	15.7	103	155	15	102	155	29	103	87	0.08	102	0.39	101	0.408	102	101	94	
2020	242	33	101	242	127	105	259	16.7	105	260	17	106	260	32	107	185	0.12	104	1.00	105	0.328	101	104	100	
2021	213	36	104	213	132	107	212	17.3	106	213	16	104	213	32	107	192	0.12	104	1.08	105	0.485	102	105	103	
2022	233	35	103	233	134	107	233	18.0	108	233	18	108	233	33	109	199	0.13	105	1.43	107	0.559	103	107	105	
2023	12	33	101	12	114	100	12	13.9	99	12	13	99	12	27	100	12	-0.02	96	-0.44	97	-0.594	92	95	100	
2024																									

Sires

Sire		Selection Values (SV / Acc)								Calf Weight		Mother		Growth & Efficiency				Fertility				Frame		Carcass			Measured Progeny											
ID Name	Sire ID Dam ID	Calf Ease	Calf Grwth	Milk	Maint.	Fertility	Cow Value	Grwth Value	Prod. Value	Birth Weight	Wean Weight	Birth Mat.	Milk Wn.Mat.	Postwn Weight	Mature Weight	ADG	Kleiber	Scrotal Circumf.	Heifer Fert.	Cow Fert.	Longevity	Height	Length	Dress %	RMeat Yield	Marbling	Birth	Wean										
		Breed average:								0.82	6.6	0.16	2.9	11.2	14	114	32	14.3	-1.3	-3.2	15.0	14	26	0.05	0.1	0.24	Grwth test	Dght/Calv.										
		<75	75 - 125	>125																																		
06-0016LB LEBAR B16	02-0097LB LEBAR W354	91 28	103 35	117 42	100 5	80 32	94 30			1.51 28	7.8 92	35 103	0.38 30	7.6 42	117	12.0 26	14 5	100			6.7 40	89	1.7 24	1.6 44	76				2	3								
AM 080069 FREAK	W 991232 CR 020042	83 93	131 92	77 88	87 57	46 64	70 78	43 71	61 77	2.46 94	18.3 80	92 131	-0.43 89	-3.6 117	88 77	14.0 78	27 105	57 113	35 67	-33 71	10.8 75	20.4 75	9.8 53	5.4 82	83	13 77	24 74	98	0.12 40	-2.7 104	-3.34 40	84 84	35 35	67	104 1	52 24	68	
AM 090036 AM090036	H 030073 ADM 010061	104 95	105 95	80 92	85 70	147 70	116 83	102 80	115 82	0.56 96	8.6 103	95 105	-1.55 91	-2.9 150	92 80	7.2 88	29 93	70 115	110 77	22 99	-15.1 84	-15.1 81	14.4 119	60 60	151 88	99	15 85	31 102	83 83	106	-0.16 65	0.0 65	-0.79 61	91	97 7	85 27	113	
AM 100112 AM100112	W 060015 AM 060010	99 94	105 95	67 90	82 68	100 70	78 82	87 79	77 81	0.77 95	8.7 101	95 105	0.58 89	-6.5 88	90 67	11.9 88	32 101	68 118	54 76	-11 78	-5.4 82	-5.2 82	-2.5 58	12.3 86	95	-9 83	21 60	21 81	93	-0.28 66	-1.3 81	-1.43 62	85	81 10	70 22	79		
AM 110046 AM110046	V 070107 AM 080053	100 82	90 83	101 81	122 28	91 60	98 69	65 29	91 61	1.16 84	2.7 96	83 90	-0.51 70	3.1 120	81 101	1.7 60	-9 82	28 78	44 27	8 74	-2.9 69	-0.3 50	10.1 78	91	7 32	8 88	31 31	78				7 18	5 38					
AM 110061 AM110061	T 040022 AM 050013	84 92	117 93	71 82	107 51	93 62	92 77	105 38	93 69	2.24 94	13.2 83	93 117	0.00 82	-5.2 105	82 71	16.3 82	7 109	51 93	162 35	52 118	35 35	24.5 41	35.0 78	-6.7 46	6.6 115	82 82	20 42	36 111	40 40	112				46 19	61 34			
AM 110067 AM110067	H 050089 WE 990156	72 94	129 95	110 82	71 59	90 66	94 79	116 66	97 76	2.76 96	17.5 77	95 129	1.00 82	5.5 75	82 110	32.0 86	43 138	59 129	187 63	55 127	19.0 69	14.5 78	-2.6 53	10.7 84	92	18 69	45 107	67 67	123	0.33 58	5.1 116	0.70 58	128 128	55 55	104	104 6	90 19	31
AM 110096 ROVER	H 050089 HWP 000131	97 77	126 77	116 73	72 46	113 54	122 65	121 51	125 62	1.08 78	16.4 97	77 126	0.12 69	7.4 101	73 116	24.8 57	42 125	46 128	194 49	47 129	17.6 53	7.8 107	-8.6 47	10.8 68	92	22 53	56 115	52 52	137	0.62 40	5.4 133	1.85 40	130 130	38 38	115	5 5	11	
AM 110109 AM110109	H 050089 HBH 980330	102 95	83 96	107 83	102 54	102 68	91 80	95 66	90 77	0.81 97	0.2 100	96 83	-0.17 84	4.9 110	83 107	0.3 86	12 80	54 98	110 62	45 99	3.6 69	12.9 77	-5.9 55	6.7 85	85	0 70	16 77	68 68	88	0.22 44	-1.7 110	1.76 44	90 90	42 42	114	159 3	114 16	32
AM 140143 AM140143	AM 090036 AM 080041	100 83	108 91	120 81	75 43	130 58	121 72	111 46	121 67	1.13 85	9.6 96	91 108	-0.43 73	8.6 117	81 120	11.5 76	39 100	43 125	142 44	36 110	14.7 48	-9.1 101	-11.0 44	13.4 74	97	23 49	38 116	38 48	115	0.06 35	1.7 101	-0.66 35	109 109	32 32	92	6 21	59 29	
AM 150045 AM15045	AM 110109 W 120033	101 78	83 90	91 63	115 29	98 47	88 64	89 36	86 58	0.64 81	0.2 102	90 83	0.35 62	0.4 94	63 91	-1.6 76	-1 29	85	93 32	29 92	6.1 38	-3.2 82	-2.3 29	9.8 70	91	5 38	18 84	37 37	90	0.00 5	-2.5 97	5 5	85	3 4	42 5			
AM 150085 AM150085	SW 100022 AM 120003	99 81	103 81	91 56	87 37	112 42	98 61	93 42	96 57	1.15 85	7.9 96	81 103	-0.37 57	0.2 115	56 91	7.7 58	27 94	37 113	104 37	12 96	19.0 44	-9.4 110	-5.6 32	5.6 61	83	18 44	36 107	43 43	111	0.11 17	0.2 104	0.33 17	101 101	13 13	101	12 12	7	
AM 150092 AM15092	W 070047 W 090018	118 83	73 83	70 60	117 31	67 40	62 62	70 32	58 56	-0.51 87	-3.5 116	73 83	-0.22 60	-5.7 111	70 70	-7.6 56	-3 65	31 83	52 29	16 77	8.5 34	11.5 88	4.7 29	1.4 66	75	1 34	6 77	33 33	75				24	13				
AM 150095 AM150095	SW 100022 AM 120009	127 76	84 80	86 66	107 28	97 44	96 61	82 37	93 56	-1.09 78	0.5 123	80 84	-0.57 63	-1.1 121	66 86	-5.4 68	6 28	93	68 31	4 83	17.6 39	2.1 107	-2.8 28	14.6 64	99	17 40	25 105	38 38	99				7	6 7				
AM 160182 AM160182	W 070047 AM 080031	107 75	78 86	92 62	93 39	81 43	65 62	83 38	64 57	0.60 77	-1.6 103	86 78	-0.61 61	0.5 123	62 92	-6.9 72	21 67	39 107	73 35	15 85	12.3 39	10.8 96	0.7 34	13.0 83	96	13 40	20 99	38 38	92	-0.22 15	-2.9 85	-0.52 15	93			18		
AM 160233 AM160233	SW 100022 ASE 090014	95 74	97 84	121 59	87 29	115 40	106 60	88 40	103 56	1.20 77	5.4 95	84 97	0.20 59	8.8 99	59 121	10.3 66	27 98	29 113	84 35	-3 89	25.0 42	-15.4 123	-5.4 29	12.7 109	96	20 43	35 110	35 41	111						12			
AM 170012 AM170012	AM 110067 AM 100082	69 75	121 83	110 60	87 38	87 45	91 62	101 38	92 57	3.13 78	14.4 72	83 121	0.84 59	5.7 80	60 110	28.0 66	26 131	38 113	134 36	35 107	15.9 40	13.3 104	-1.7 31	13.7 64	98	15 41	32 102	39 39	107	-0.02 24	1.2 96	-0.20 24	96	20 20	96	1 1	12	
ASE 090026 09-0026	AVR 060051 ASE 060136	99 96	103 95	116 91	90 68	62 71	84 83	84 64	81 79	1.01 97	7.9 98	95 103	-0.02 91	7.4 105	91 116	17.6 84	24 112	68 110	70 60	0 84	32.3 67	12.2 139	6.3 58	11.4 88	94	12 67	21 96	65 65	94	0.23 50	-2.6 111	1.88 50	46 46	115	151 38	101 106		

Sires

Sire		Selection Values (SV / Acc)								Calf Weight		Mother		Growth & Efficiency				Fertility				Frame		Carcass			Measured Progeny				
ID Name	Sire ID Dam ID	Calf Ease	Calf Grwth	Milk	Maint.	Fertility	Cow Value	Grwth Value	Prod. Value	Birth Weight	Wean Weight	Birth Mat.	Milk Wn.Mat.	Postwn Weight	Mature Weight	ADG	Kleiber	Scrotal Circumf.	Heifer Fert.	Cow Fert.	Longevity	Height	Length	Dress %	RMeat Yield	Marb-ling	Birth	Wean			
		Breed average:								0.82	6.6	0.16	2.9	11.2	14	114	32	14.3	-1.3	-3.2	15.0	14	26	0.05	0.1	0.24	Grwth test	Dght/Calv.			
		<75	75 - 125	>125																											
ASE 130009 2013 0009	AM 090036	103	90	90	104	109	95	95	94	0.71	2.9	-0.19	0.0	6.9	10	88	20	11.2	-0.8	-5.9	11.0	9	21	-0.12	-1.8	-0.36					
	ASE 090021	62	75	63	39	46	58	44	55	63	101	59	63	61	92	41	90	46	93	58	99	33	112	28	91	28	89	24	94	1	3
AV 110039 ANIVAI 11/39	LB 050052	111	82	105		101				0.15	0.0	-0.28	4.2	0.7					-4.6	-2.9	11.2										
	LB 010241	32	28	34		25				32	108	29	113	20	81				31	104	19	99	38							1	2
AV 130005 ANIVAI 44694	05-0157LB	93	89	105		88				1.25	2.6	0.52	4.3	7.4					6.4	-0.9	3.1										
	J 080156	31	38	48		33				31	95	32	90	25	93				48	90	18	90	41							3	6
CHK 100138 CHKK100138	CR 030069	83	104	59	98	119	83	113	86	2.41	8.1	-0.25	-8.6	13.4	15	138	48	21.2	2.7	-9.4	15.6	24	28						79	115	
	CHK 070251	93	96	87	57	70	81	61	77	95	81	79	112	90	104	56	109	65	115	84	95	55	126	66	118	64	102	6	21	56	
CR 010015 CR 01 015	CR 960004	99	78	92	144	136	120	73	113	1.11	-1.5	-0.21	0.7	-5.1	-30	35	-1	7.8	-13.1	-12.3	5.4	7	9	-0.44	-5.3	-1.57					
	CR 960001	96	95	93	64	74	84	58	79	97	97	93	92	91	70	55	71	62	86	85	116	63	139	27	72	27	69	21	83	144	100
CR 060028 CR 06 0028	CR 030003	102	94	108	99	80	88	120	92	0.74	4.4	-0.01	5.0	10.2	14	143	58	10.4	11.7	0.9	9.9	14	22	-0.02	0.6				60	52	
	CR 030036	92	92	79	42	54	73	52	69	94	101	78	105	78	98	48	111	57	92	67	83	40	83	57	6	96	6	103	3	16	31
DJF 014946 01-4946		109	93	109		89				0.09	4.1	0.12	5.4	12.4					-6.4	0.8	-14.2										
		40	51	61		52				39	109	43	101	33	102				64	107	40	83								3	9
DJF 079960 07-9960	BG 990024	103	73	90	110	91	73			0.32	-3.4	0.78	0.0	0.6	3	69	28	-0.8	-3.3	-0.3	-2.3	5	9						1		
	DJF 014931	54	61	66	14	56	53			55	106	49	66	36	80	17	84	19	67	68	103	44	88	18				7	10		
DJF 092237 09-2237	CR 010015	90	91	110	114	148	126	94	123	1.49	3.3	0.48	5.6	7.3	-1	102	29	10.9	-24.8	-13.8	8.5	15	22	-0.12	-1.4	-0.69					
	DJF 059954	54	61	67	32	51	53	30	48	54	92	54	91	50	93	27	96	31	93	61	132	41	145	14	91	14	91	11	91	5	12
DJF 102306 10-2306	DJF 014946	105	91	106		98				0.31	3.1	0.46	4.4	11.1					-6.1	-1.8	-9.0										
	DJF 059917	28	38	48		40				27	106	31	91	26	100				50	106	29	94	70							2	4
DJF 127782 12-7782	DJF 079960	93	79	103	112	90	79			1.21	-1.4	0.74	3.8	5.4	2	68	31	-0.1	-4.6	0.3	14.8	5	6						37	32	
	DJF 014934	75	79	33	7	30	50			84	95	25	83	18	89	8	83	9	69	37	104	22	85	9							
DJF 133750 13-3750	DJF 079960	118	75	95	103	95	85			-0.56	-2.6	0.01	1.5	2.0	11	96	38	3.6	3.6	-2.5	8.5	10	15								
	DJF 059929	48	51	58	7	46	45			48	117	47	104	26	83	8	94	9	77	58	93	33	97	9					3	8	
DJF 137836 13-7836	DJF 079960	102	85	99	102	92	84			0.63	0.9	0.19	2.5	2.9	11	105	37	7.2	-5.9	-0.1	8.3	13	21								
	DJF 014940	42	48	56	16	44	43			42	102	41	99	33	85	17	97	19	85	55	106	33	87	18					4	6	
DJF 171338 17-1338	AM 110046	104	92	101	118	93	101			0.60	3.4	0.01	3.0	4.7	-4	88	26	11.4	-0.2	-1.2	22.1	13	20						3		
	AM 120097	65	57	54	19	38	48			68	103	48	104	40	88	19	82	19	94	46	99	29	92	19							
DJF 180834 18-834	DJF 141410	103	115	105	81	110	113			0.70	12.2	-0.09	4.3	22.1	33	181	53	16.2	-0.7	-6.2	19.8	24	44	0.44	4.1	0.78					
	DJF 157244	44	72	46	11	33	45			45	101	36	107	56	120	12	125	13	104	41	99	25	113	13	10	123	10	123	9	105	1
DJF 181354 18-1354	AM 140143	100	97	123	83	112	106	109	108	0.95	5.7	-0.11	9.3	11.0	31	138	42	12.0	-2.1	-6.6	18.3	20	31	0.06	1.1	-0.30					
	DJF 059929	78	80	47	22	32	55	23	49	85	99	41	108	38	100	22	117	24	95	42	101	23	114	24	17	101	17	105	16	95	35
H 030011 MKONDO	BG 960092	108	94	67	116	79	80	94	79	0.26	4.3	0.05	-6.4	9.0	-3	71	9	9.8	3.0	2.5	9.6	15	25	-0.23	-2.3				243	210	
	LB 950105	97	96	92	74	78	86	60	81	97	107	94	103	86	96	56	84	65	90	88	94	66	101	7	84	7	86			10	56
H 050089 05 89 - BUFFEL	H 990022	84	126	98	81	103	105	112	107	2.12	16.4	0.33	2.3	26.6	33	159	41	12.1	11.7	-6.1	14.3	3	40	0.56	3.6	3.34					
	H 980036	99	99	97	85	87	91	93	91	99	84	99	95	96	128	85	119	91	95	94	83	80	112	94	84	129	84	120	82	129	530

Sires

Sire		Selection Values (SV / Acc)								Calf Weight		Mother		Growth & Efficiency				Fertility				Frame		Carcass			Measured Progeny																	
ID Name	Sire ID Dam ID	Calf Ease	Calf Grwth	Milk	Maint.	Fertility	Cow Value	Grwth Value	Prod. Value	Birth Weight	Wean Weight	Birth Mat.	Milk Wn.Mat.	Postwn Weight	Mature Weight	ADG	Kleiber	Scrotal Circumf.	Heifer Fert.	Cow Fert.	Longevity	Height	Length	Dress %	RMeat Yield	Marbling																		
		Breed average:								0.82	6.6	0.16	2.9	11.2	14	114	32	14.3	-1.3	-3.2	15.0	14	26	0.05	0.1	0.24	Birth	Wean																
		<75	75 - 125	>125																						Grwth test	Dght/Calv.																	
H 090001 09 0001	H 050089 LB 950105	88	110	100	93	118	109	99	108	1.90	10.6	-0.08	2.9	20.1	21	123	28	12.4	-5.1	-8.1	13.8	12	35	0.20	0.9	1.28	211	164																
		97	97	94	71	77	86	54	80	98	87	97	110	93	107	94	100	84	116	71	107	51	103	51	97	55	96	87	105	67	121	92	98	56	96	54	110	39	108	39	104	36	110	42
HBH 140025 HBH140025	H 050089 HBH 060997	82	105	90	93	100	86	94	85	2.21	8.6	0.37	0.0	14.6	20	93	22	13.5	5.0	-4.0	23.0	0	19	0.29	-1.2	3.35	20	19																
		88	88	77	56	61	74	73	74	90	83	88	105	79	94	77	90	78	106	56	107	77	98	71	92	51	104	73	114	78	76	76	91	64	114	64	92	60	129	1	8	16		
HCC 110037 ZIMBO G37	LB 040100	107	87	110		102				0.27	1.7	0.19	5.8	5.8					-15.5	-1.7	13.1																							
		38	36	10		10				43	107	36	87	12	99	10	110	6	90	16	119	5	94	26	97																			
JM 030069 03 69	GCB 940008 JM 970028	97	50	100	150	57	55	54	49	0.73	-12.3	1.04	2.9	-19.0	-36	19	9	-4.0	-19.1	12.4	3.3	-9	-7				85	61																
		94	93	87	49	65	78	61	75	95	101	93	50	87	74	87	100	66	44	49	50	56	65	56	82	66	60	79	124	51	34	85	79	67	60	64	60	6	26	68				
LB 070046 C46	04-0018LB LB 020016	107	89	100	97	101	93			0.53	2.6	-0.40	2.8	5.4	17				-15.2	-1.5	7.1																							
		38	37	44	10	28	33			38	104	37	89	38	116	44	100	25	89	10	103																							
LB 080039 D39	LB 050094	105	87	115		83				0.28	1.8	0.46	7.0	8.4				4.1	1.1	-3.8																								
		32	37	42		28				33	106	37	87	29	91	42	115	16	95	39	93	17	82	47	66																			
LB 080040 D4008-0040	LB 050162	102	87	110		101				0.54	1.8	0.51	5.7	8.9				4.2	-4.4	4.1																								
		27	35	46		32				27	103	35	87	29	90	46	110	22	96	36	93	27	105	45	80																			
LZ 100021 LZ B21	LZ 070005	96	86	103		73				0.74	1.3	1.29	3.7					16.0	2.2	-12.3																								
		18	16	22		18				18	101	16	86	20	67	22	103			23	77	13	77	37	51																			
LZ 120009 LZ D09	06-0016LB LZ 070021	84	108	110		76				1.90	9.5	0.82	5.7	17.2				12.8	1.8	1.2																								
		27	35	29		25				27	87	35	108	30	81	29	110	28	111	36	81	14	79	34	75																			
OL 150296 OLDONYO 15-296	HCC 110037 OL 130099	118	75	111		98				-0.77	-2.9	0.40	5.8					-14.4		3.0							15	12																
		67	71	11		14				77	119	71	75	9	93	11	111			24	118																							
R 080040 R0840	J 942990 R 050015	109	80	95	100	109	90	87	88	0.24	-1.0	-0.20	1.5	5.5	13	65	16	8.5	10.2	-7.8	13.1	2	13	-0.25	-4.0		69	64																
		93	94	85	49	62	77	54	72	95	107	94	80	84	110	85	95	76	89	49	100	52	82	52	88	57	87	74	85	49	119	84	97	52	80	50	84	14	83	14	76			
R 110121 R110121	R 070008 R 070002	88	91	116	93	93	84	104	86	2.07	3.2	-0.34	7.2	12.7	21	84	18	7.2	12.1	-3.1	6.3	12	23				163	127																
		95	96	85	50	62	78	70	76	97	85	96	91	85	115	85	116	88	103	50	107	66	89	66	89	74	85	79	82	46	100	86	84	75	97	72	96	13	28	43				
R 110167 R110167	R 960039 R 070007	101	91	133	99	75	94	99	94	0.38	3.2	1.07	12.2	7.9	15	127	53	17.7	-4.8	4.8	12.6	8	19	0.35	-0.3	0.45	50	48																
		91	93	75	48	52	73	47	68	94	105	93	91	75	73	75	133	70	94	48	101	44	105	44	117	51	107	67	105	38	66	80	96	52	89	49	91	34	117	34	98	29	102	1
R 130166 TANK JR	R 080037 RR 020083	100	93	106	94	111	99	76	94	0.80	3.9	0.30	4.5	2.3	20	88	21	12.8	-14.2	-4.5	24.5	7	16	-0.19	-2.1	0.79	254	238																
		96	97	90	67	67	82	45	75	97	100	97	93	89	96	90	106	88	84	67	106	43	90	43	92	48	97	82	117	52	106	84	117	48	88	47	87	14	87	14	87	7	105	45
SW 060039 06 0039	AJB 020021 HT 990005	108	86	119	106	99	104	103	104	0.32	1.3	-0.21	8.2	5.1	8	118	26	24.8	-12.8	-1.2	8.1	25	38	-0.01	0.3	-0.50	153	135																
		95	95	90	61	67	81	60	77	96	106	95	86	89	111	90	119	90	89	61	94	56	102	56	96	64	123	79	115	55	92	90	88	63	119	60	114	25	97	25	101	16	93	2
SW 080043 SW 08 0043	CR 010015 LB 950058	102	92	124	124	102	120	90	117	0.75	3.5	-1.45	9.7	3.4	-11	104	19	15.2	-14.4	-1.7	10.6	18	30	0.00	-0.2	-0.01	89	68																
		93	92	82	53	57	75	39	68	95	101	92	92	81	147	82	124	86	86	53	76	43	96	35	90	43	102	68	118	46	94	84	92	43	106	41	104	16	97	16	98	9	98	9
SW 100022 10 0022	SW 060039 SW 070073	106	85	100	97	125	102	80	98	0.52	1.0	-0.16	2.8	-3.8	16	53	-17	25.9	-18.1	-8.0	8.2	23	32	-0.16	-2.5	-1.09	168	137																
		96	97	86	51	69	81	72	79	98	104	97	85	87	109	86	100	88	72	51	103	75	125	83	123	55	120	86	88	76	116	74	107	26	89	26	85	22	88	7	26	47		
T 040022 04 0022	T 000012 CR 010020	119	71	83	137	100	96	84	93	-1.96	-4.3	0.91	-1.9	-4.2	-23	72	30	18.8	11.4	-5.2	11.0	3	8				112	96																
		96	96	92	60	72	83	57	78	97	133	96	71	92	78	92	83	87	72	60	63	53	85	53	98	62	110	83	83	61	108	90	93	62	81	60	78	3	34	114				

Sires

Sire		Selection Values (SV / Acc)								Calf Weight		Mother		Growth & Efficiency				Fertility				Frame		Carcass			Measured Progeny																					
ID Name	Sire ID Dam ID	Calf Ease	Calf Grwth	Milk	Maint.	Fertility	Cow Value	Grwth Value	Prod. Value	Birth Weight	Wean Weight	Birth Mat.	Milk Wn.Mat.	Postwn Weight	Mature Weight	ADG	Kleiber	Scrotal Circumf.	Heifer Fert.	Cow Fert.	Longevity	Height	Length	Dress %	RMeat Yield	Marbling																						
Breed average:										0.82	6.6	0.16	2.9	11.2	14	114	32	14.3	-1.3	-3.2	15.0	14	26	0.05	0.1	0.24	Grwth test	Dght/Calv.																				
			<75	75 - 125	>125																																											
T 100032	T 040022	92	104	90	108	135	118	90	115	1.71	8.2	-0.30	0.0	10.9	6	152	50	26.7	-13.9	-11.7	12.2	23	38	0.03	0.7	-0.50	54	26																				
	WE 990156	92	91	86	50	64	77	64	74	94	89	91	104	84	113	86	90	78	99	50	92	59	114	59	115	70	127	75	117	52	136	82	95	72	116	68	114	8	99	8	103	5	93	17	50			
V 100110	AM 070077	78	127	79	127	77	104	104	104	2.94	16.8	-0.44	-2.9	17.5	-14	127	44	15.9	12.3	1.6	12.7	-2	13	0.05	1.6		11	9																				
	V 980007	85	85	75	54	54	70	68	70	87	75	85	127	72	118	75	79	75	112	54	73	63	105	63	110	72	103	66	82	42	80	72	96	74	73	70	83	5	100	5	108	3	9					
VZ 100016	PZ VZ1016	107	95	106		110				0.23	4.9	0.15	4.5	13.0					-14.4	-4.2	4.5						2																					
		25	42	23		21				24	107	42	95	28	100	23	106	18	103	31	118	11	104	35	81		1	1																				
VZ 100073	PZ VZ1073(P)	85	99	108						1.67	6.1	1.38	5.2	17.3						7.1							4																					
		37	54	40						36	90	54	99	41	64	40	108	45	111			39	86				4	4																				
W 060015	JM 960055	105	101	79	103	81	85	58	78	0.58	7.1	-0.24	-2.9	7.7	10	17	-35	2.9	-0.1	2.4	0.2	-12	19	-0.25	-3.7	0.70	139	93																				
	W 950003	95	95	90	67	74	83	74	81	96	103	95	101	90	112	90	79	86	93	67	97	72	65	72	46	78	75	85	98	63	76	90	73	78	55	77	91	51	83	51	78	47	104	27	79			
W 070047	H 030073	82	94	77	93	67	51	73	48	2.45	4.3	-0.19	-3.5	3.8	20	68	15	15.7	29.9	1.9	-0.8	7	15	-0.38	-3.6	-0.47	113	80																				
	W 960071	95	95	87	62	70	81	57	76	96	81	95	94	87	110	87	77	81	86	62	107	55	83	55	87	60	103	82	58	57	78	88	71	60	88	59	86	24	76	24	79	18	93	22	64			
W 120038	SW 060008	97	82	94	117	106	91	81	88	1.31	-0.3	-0.45	1.3	-3.9	-3	52	5	6.5	0.3	-5.2	13.4	4	11				60	55																				
	W 070049	93	93	81	43	58	75	42	68	95	94	93	82	80	118	81	94	78	72	43	83	37	77	37	79	46	83	74	98	43	108	78	97	47	83	44	81						13	31				
W 150014	AM 110109	83	104	99	99	99	92	92	91	2.31	8.3	-0.01	2.5	5.5	14	107	22	10.2	5.6	-3.9	10.3	12	28				8																					
	W 120067	73	78	51	23	39	56	34	52	76	82	78	104	53	105	51	99	59	90	23	101	30	98	30	92	36	91	52	91	26	103	62	92	36	96	35	102								8			
W 150037	ASE 090026	81	121	104	91	76	91	98	91	2.26	14.3	0.45	3.9	21.8	23	107	8	28.9	13.4	1.7	14.2	20	36	0.28	0.4	0.86		19																				
	W 110056	74	84	60	38	48	62	38	57	76	83	84	121	60	91	60	104	64	120	38	109	35	98	35	81	40	132	64	80	32	79	66	99	41	111	39	112	22	113	22	102	19	106					
XY 090035	ASE 010040	105	82	83	112	61	63	78	61	0.43	0.0	0.09	-1.8	-5.1	2	36	-11	18.5	0.8	8.1	4.8	6	13	-0.19	-3.8	-0.66	130	110																				
	JM 000038	96	96	90	67	72	83	75	81	97	105	96	82	89	102	90	83	88	70	67	88	71	72	71	65	79	109	82	97	61	52	90	82	80	86	77	84	34	86	34	78	29	92	5	32	82		

Bulls

Inbreeding in red is high

EBV
Acc Index

Breeding values with an accuracy < 5% are not printed

Bull			Selection Values (SV / Acc)							Calf Weight		Mother		Growth & Efficiency				Fertility				Frame		Carcass																	
ID		Sire ID	Calf Ease	Calf Grwth	Milk	Maint.	Fertility	Cow Value	Grwth Value	Prod. Value	Birth Weight	Wean Weight	Birth Mat.	Milk Wn.Mat.	Postwn Weight	Mature Weight	ADG	Kleiber	Scrotal Circumf.	Heifer Fert.	Cow Fert.	Longevity	Height	Length	Dress%	RMeat Yield	Marb-ling														
Name	% Inbreeding	Dam ID	Breed average:							0.82	6.6	0.16	2.9	11.2	14	114	32	14.3	-1.3	-3.2	15.0	14	26	0.05	0.1	0.2															
Bull average:											0.87	99	7.4	102	0.15	100	3.1	101	12.5	102	16	103	124	104	34	102	15.8	103	0.1	98	-3.0	99	15	102	29	104	104	0.9	102	0.3	100
Shaded EBVi											90-110	>100	>100	>100	>100	90-110	>100	>100	>100	>100	>100	>100	>100	90-110	90-110	>100	>100	>100													
LB 080040			102	87	110						101	0.54	1.8	0.51	5.7	8.9				4.2	-4.4	4.1																			
D4008-0040		LB 050162	27	35	46					32	27	103	35	87	29	90	46	110	36	93	27	105	45	80																	
LZ 100048			84	98	114					66	1.76	6.0	1.62	6.8	18.2					21.5	3.6	-14.5																			
LZ B48		LZ 070033	34	25	35					40	33	89	25	98	38	57	35	114	52	69	27	71	46	47																	
AM 110061			84	117	71	107	93	92	105	93	2.24	13.2	0.00	-5.2	16.3	7	162	52	24.5	35.0	-6.7	6.6	20	36																	
AM110061	4	T 040022	92	93	82	51	62	77	38	69	94	83	93	117	82	109	51	93	41	122	78	51	46	115	82	85	42	111	40	112											
ASE 130009			103	90	90	104	109	95	95	94	0.71	2.9	-0.19	0.0	6.9	10	88	20	11.2	-0.8	-5.9	11.0	9	21																	
2013 0009	4	AM 090036	62	75	63	39	46	58	44	55	63	101	75	90	61	92	39	96	41	90	41	91	46	93	58	99	33	112	64	93	-0.12	-1.8	-0.36								
DJE 133741			95	94	108	103	129	113			1.18	4.2	0.33	5.0	8.9	11	123	39	12.0	-20.2	-9.0	3.0	18	26																	
13-3741	2	DJF 092237	32	36	40	16	32	32			32	96	36	94	32	95	40	108	17	95	39	125	24	125	45	78	17	106	16	100											
DJF 137811			102	88	103	104	99	94			0.59	2.2	0.33	3.7	7.6	9	113	38	9.5	-2.6	-2.7	-0.8	15	22																	
13-7811DJF		DJF 102306	28	31	33	16	30	28			28	103	31	88	28	95	33	103	16	90	36	102	23	98	45	71	16	102	15	94	-0.06	-0.8	-0.33								
DJF 137817			102	83	99	101	94	82			0.48	0.4	0.69	2.6	6.9	13	105	40	4.7	-4.0	-0.8	-3.5	11	18																	
13-7817DJF		DJF 079960	28	30	33	7	28	27			28	104	30	83	25	84	33	99	9	79	34	104	22	90	48	67	9	96	9	89											
AM 140063			92	107	73	119	85	91	96	90	1.65	9.4	-0.20	-4.6	10.8	-6	99	32	11.3	8.9	-0.1	13.1	1	14																	
AM140063	6	V 100110	71	72	51	35	36	54	41	51	75	90	72	107	50	110	51	73	44	94	46	86	27	87	52	97	4	44	77	42	84	-0.02	-0.8								
AM 140143			100	108	120	75	130	121	111	121	1.13	9.6	-0.43	8.6	11.5	39	142	36	14.7	-9.1	-11.0	13.4	23	38																	
AM140143	3	AM 090036	83	91	81	43	58	72	46	67	85	96	91	108	76	100	43	125	44	110	44	104	48	101	73	110	44	133	74	97	35	101	35	109	-0.66						
DJF 143769			93	96	113	88	83	83			1.18	5.3	0.61	6.4	12.9	25	126	38	13.3	10.6	0.1	8.4	15	25																	
14-3769		DJF 059913	24	27	31	15	21	24			24	96	27	96	23	87	31	113	17	98	24	84	18	86	41	88	15	102	16	98	0.16	0.4	-0.56								
AM 150045			101	83	91	115	98	88	89	86	0.64	0.2	0.35	0.4	-1.6	-1	93	29	6.1	-3.2	-2.3	9.8	5	18																	
AM15045	6	AM 110109	78	90	63	29	47	64	36	58	81	102	90	83	62	94	63	91	38	82	65	103	29	96	70	91	38	84	37	90	0.00	-2.5									
AM 150085			99	103	91	87	112	98	93	96	1.15	7.9	-0.37	0.2	7.7	27	104	12	19.0	-9.4	-5.6	5.6	18	36																	
AM150085	3	SW 100022	81	81	56	37	42	61	42	57	85	96	81	103	58	94	37	113	44	110	52	111	32	110	61	83	44	107	43	111	0.11	0.2	0.33								
AM 150092			118	73	70	117	67	62	70	58	-0.51	-3.5	-0.22	-5.7	-7.6	-3	52	16	8.5	11.5	4.7	1.4	1	6																	
AM15092	8	W 070047	83	83	60	31	40	62	32	56	87	116	83	73	56	65	31	83	29	77	29	66	62	75																	
AM 150095			127	84	86	107	97	96	82	93	-1.09	0.5	-0.57	-1.1	-5.4	6	68	4	17.6	2.1	-2.8	14.6	17	25																	
AM150095	5	SW 100022	76	80	66	28	44	61	37	56	78	123	80	84	68	69	28	93	31	83	31	77	39	107	61	95	28	98	64	99	40	105	38	99							
AM 150127			107	91	95	91	82	79	111	82	0.28	3.3	0.07	1.6	7.4	23	116	41	11.5	16.4	-0.6	12.2	15	21																	
AM150127	6	CR 060028	74	75	59	30	35	56	30	51	77	107	75	91	56	93	30	109	28	101	28	108	35	94	46	76	24	89	56	95	34	102	32	93							
OL 150296			118	75	111		98				-0.77	-2.9	0.40	5.8						-14.4		3.0																			
OLDONYO 15-296	1	HCC 110037	67	71	11		14				77	119	71	75	9	93	11	111		24	118		32	78																	
W 150014			83	104	99	99	99	92	92	91	2.31	8.3	-0.01	2.5	5.5	14	107	22	10.2	5.6	-3.9	10.3	12	28																	
W 150014	6	AM 110109	73	78	51	23	39	56	34	52	76	82	78	104	53	105	51	99	36	91	52	91	26	103	62	92	36	96	35	102											
W 150037			81	121	104	91	76	91	98	91	2.26	14.3	0.45	3.9	21.8	23	107	8	28.9	13.4	1.7	14.2	20	36																	
W 150037	5	ASE 090026	74	84	60	38	48	62	38	57	76	83	84	121	64	120	38	109	40	132	64	80	32	79	66	99	41	111	39	112	0.28	0.4	0.86								
AM 160054			76	113	93	90	73	74	91	74	2.88	11.5	0.04	1.0	16.7	23	111	23	19.6	13.3	2.6	8.8	19	31																	
AM160054	9	W 070047	74	75	61	34	42	58	34	53	77	75	75	113	57	110	34	110	36	111	53	80	31	76	58	89	36	109	35	106											
AM 160151			97	93	97	109	111	101	98	101	1.34	4.0	-0.37	2.0	3.4	5	85	14	10.5	-8.5	-5.3	13.9	14	25																	
AM 160151	7	W 120038	74	57	53	26	38	50	27	45	77	94	57	93	48	86	26	91	29	92	48	110	27	109	50	98	30	100	28	99											

Bulls

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Bull			Selection Values (SV / Acc)							Calf Weight		Mother		Growth & Efficiency				Fertility				Frame		Carcass																
ID		Sire ID	Calf Ease	Calf Grwth	Milk	Maint.	Fertility	Cow Value	Grwth Value	Prod. Value	Birth Weight	Wean Weight	Birth Mat.	Milk Wn.Mat.	Postwn Weight	Mature Weight	ADG	Kleiber	Scrotal Circumf.	Heifer Fert.	Cow Fert.	Longevity	Height	Length	Dress%	RMeat Yield	Marb-ling													
Name	% Inbreeding	Dam ID	Breed average:							0.82	6.6	0.16	2.9	11.2	14	114	32	14.3	-1.3	-3.2	15.0	14	26	0.05	0.1	0.2														
			Bull average:							0.87	99	7.4	102	0.15	100	3.1	101	12.5	102	16	103	124	104	34	102	15.8	103	0.1	98	-3.0	99	15	102	29	104	104	0.9	102	0.3	100
			Shaded EBVi							90-110	>100	>100	>100	>100	90-110	>100	>100	>100	>100	>100	>100	>100	90-110	90-110	>100	>100	>100													
AM 160182	5	W 070047	107	78	92	93	81	65	83	64	0.60	-1.6	-0.61	0.5	-6.9	21	73	15	12.3	10.8	0.7	13.0	13	20	-0.22	-2.9	-0.52													
AM160182		AM 080031	75	86	62	39	43	62	38	57	77	103	61	123	72	67	39	85	35	39	96	52	84	34	83	64	96	40	99	38	92	15	85	15	82	10	93			
AM 160221	11	W 060015	109	82	82	102	73	66	63	61	0.25	0.0	-0.25	-2.3	-4.3	12	33	-11	6.6	13.3	2.8	7.9	-4	14	-0.36	-4.5														
AM160221		W 120028	74	74	59	31	42	58	39	54	77	107	74	82	56	71	31	98	41	83	52	80	31	74	58	87	41	70	40	85	8	77	8	73						
AM 160233	4	SW 100022	95	97	121	87	115	106	88	103	1.20	5.4	0.20	8.8	10.3	27	84	-3	25.0	-15.4	-5.4	12.7	20	35																
AM160233		ASE 090014	74	84	59	29	40	60	40	56	77	95	84	97	66	98	29	113	42	123	51	119	29	109	61	96	43	110	41	111										
W 160021	9	AM 080069	100	106	78	104	69	80	59	73	0.95	9.0	-0.07	-3.2	6.8	10	31	-18	8.9	14.1	3.6	6.5	8	16	-0.16	-4.3														
W 160021		W 080055	73	61	60	32	39	53	40	50	75	98	61	106	47	92	32	96	42	88	49	79	29	71	54	85	43	90	41	88	7	89	7	75						
W 160029	6	AM 110109	128	68	97	117	97	93	87	91	-1.32	-5.6	-0.28	1.9	-8.0	-3	71	17	5.9	5.0	-3.3	5.3	5	16	-0.08	-3.4														
W 160029		W 120031	72	61	53	24	38	51	34	48	76	126	61	68	49	65	24	83	31	84	31	88	37	85	35	88	37	85	35	88	6	93	6	80						
W 160030	6	AM 110109	105	71	96	114	85	74	71	70	0.39	-4.3	0.22	1.9	-8.3	-1	56	18	0.6	4.3	0.4	8.8	-4	6																
W 160030		W 100010	74	61	55	29	38	52	35	49	77	105	61	71	57	98	55	96	37	70	49	93	28	85	52	89	38	69	36	76										
AM 170012	4	AM 110067	69	121	110	87	87	91	101	92	3.13	14.4	0.84	5.7	28.0	26	134	35	15.9	13.3	-1.7	13.7	15	32	-0.02	1.2	-0.20													
AM170012		AM 100082	75	83	60	38	45	62	38	57	78	72	83	121	59	80	60	110	40	104	59	80	31	93	64	98	41	102	39	107	24	96	24	106	20	96				
AM 180174	4	CHK 100138	89	107	89	94	117	100	113	103	1.91	9.2	-0.15	-0.3	15.4	20	147	45	20.0	-5.7	-7.6	18.0	18	31																
AM 180174		AM 120223	74	75	60	31	42	58	36	54	77	87	75	107	59	108	31	106	39	112	52	106	31	119	56	106	39	108	37	106										
DJF 200007	4	AM 170012	82	107	91	99	96	89	105	90	2.16	9.4	0.51	0.4	18.4	15	121	37	14.4	6.9	-3.3	13.1	15	27																
20-0007		AM 170248	53	70	46	20	31	47	20	42	55	84	70	107	41	90	46	91	50	113	20	101	18	103	18	104	22	100	41	89	21	100	46	97						
DJF 200008	9	AM 170012	82	109	93	95	91	86			2.36	9.9	0.14	0.8	15.5	19	104	25	13.8	9.7	-2.3	11.5	12	25																
20-0008		AM 170208	52	70	45	19	28	45			54	82	70	109	45	108	19	105	20	99	40	85	17	96	46	94	20	97	18	98										
DJF 209373		AM 140143	103	97	113	80	101	96	105	96	0.61	5.6	0.16	6.5	10.2	34	129	34	13.3	4.2	-4.4	5.4	17	29	0.30	0.8	-1.00													
20-9373		OL 170281	41	68	46	22	30	44	23	40	42	102	68	97	36	100	46	113	47	98	22	120	22	105	22	102	24	98	37	93	22	105	44	83						
DJF 209383	2	W 150037	93	103	105	88	86	87			1.25	7.7	0.53	4.2	14.6	26	119	21	21.8	4.1	0.2	7.2	18	33																
20-9383		OL 170292	38	67	42	16	29	41			39	95	67	103	31	89	42	105	44	106	16	112	16	102	16	91	19	116	40	93	18	86	42	86						
DJF 209386	4	W 150037	82	119	100	91	81	91			2.36	13.9	0.16	3.0	18.2	23	132	25	22.9	9.2	1.0	11.4	22	38																
20-9386		DJF 161003	45	68	46	17	32	44			46	82	68	119	44	113	17	109	16	119	41	86	22	82	47	94	20	114	19	114										
DJF 209388	3	AM 150045	113	78	87	108	111	91			-0.09	-1.7	-0.13	-0.8	-3.0	5	91	29	5.8	-10.4	-4.9	13.0	8	19																
20-9388		DJF 180823	47	69	44	16	31	44			48	111	69	78	40	108	44	87	50	74	16	92	16	92	16	98	21	82	42	112	20	107	47	96						
DJF 209395		W 150037	89	109	108	87	86	91			1.56	10.0	0.54	5.2	18.0	27	141	33	21.8	4.8	0.0	10.9	22	36	0.26	1.7	0.54													
20-9395		HCC 170095	37	68	42	19	24	40			38	91	68	109	30	89	42	108	44	113	19	113	18	110	18	101	20	116	32	92	16	86	42	93						
DJF 209398		W 150037	110	90	96	97	95	91			0.07	2.8	0.06	1.7	7.8	17	99	22	16.1	-1.5	-1.7	13.2	15	24	0.05	-1.1	0.36													
20-9398		DJF 171354	43	69	45	19	32	44			44	109	69	90	44	94	19	103	20	104	41	100	22	94	45	97	20	101	19	97	10	101	10	93	8	101				
DJF 209400	3	AM 150045	96	97	104	90	108	96	105	97	1.10	5.5	0.32	3.9	7.0	23	143	41	13.5	-10.2	-4.3	13.1	17	33																
20-9400		DJF 181327	44	70	45	16	30	44	20	39	46	97	70	97	36	95	45	104	50	92	16	110	18	111	18	108	21	98	42	112	19	105	47	97						
DJF 209404	4	AM 110061	86	119	74	99	80	84	77	81	2.01	13.6	0.15	-4.6	11.6	15	98	11	16.4	20.2	-0.6	8.1	16	29																
20-9404		W 160025	60	71	53	24	36	51	24	46	61	86	71	119	54	101	24	101	27	104	48	71	25	89	52	88	27	104	25	103										
DJF 209407	6	AM 140143	95	104	108	87	117	108	101	107	1.37	8.2	-0.09	5.3	9.0	27	110	19	17.6	-13.3	-6.5	12.3	19	33																
20-9407		ASE 160001	55	72	54	23	36	50	28	46	57	93	8.2	104	47	107	54	108	54	96	23	113	26	99	26	90	31	107	46	116	26	114	51	95						
DJF 209409	5	AM 140143	87	122	108	89	121	122	109	122	2.06	14.8	-0.21	5.1	18.6	24	172	48	22.4	-2.5	-9.3	12.4	28	46																
20-9409		AM 150169	55	71	52	21	35	49	25	44	57	85	71	122	45	111	52	108	50	114	21	111	22	121	22	114	27	118	46	102	24	126	50	95						

Bulls

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Bull			Selection Values (SV / Acc)								Calf Weight		Mother		Growth & Efficiency				Fertility				Frame		Carcass																
ID		Sire ID	Calf Ease	Calf Grwth	Milk	Maint.	Fertility	Cow Value	Grwth Value	Prod. Value	Birth Weight	Wean Weight	Birth Mat.	Milk Wn.Mat.	Postwn Weight	Mature Weight	ADG	Kleiber	Scrotal Circumf.	Heifer Fert.	Cow Fert.	Longevity	Height	Length	Dress%	RMeat Yield	Marb-ling														
Name	% Inbreeding	Dam ID	Breed average: 0.82 6.6 0.16 2.9 11.2 14 114 32 14.3 -1.3 -3.2 15.0 14 26 0.05 0.1 0.2								Bull average: 0.87 99 7.4 102 0.15 100 3.1 101 12.5 102 16 103 124 104 34 102 15.8 103 0.1 98 -3.0 99 15 102 29 104 104 0.9 102 0.3 100								Shaded EBVi 90-110 >100 >100 >100 >100 90-110 >100 >100 >100 >100 90-110 90-110 >100 >100 >100																						
DJF 209411	2	AM 110061	91	108	90	102	100	98			1.68	9.7	-0.08	0.1	13.8	12	146	46	18.6	14.3	-5.4	11.7	20	33																	
20-9411		DJF 161025	52	71	53	24	38	50			53	90	71	108	52	105	24	98	17	112	47	79	28	110	52	94	21	110	20	108											
DJF 209412	7	AM 140143	88	112	116	85	125	118	111	119	1.97	11.2	-0.23	7.4	14.4	28	156	43	18.4	-1.8	-10.5	10.5	21	39																	
20-9412		AM 150157	55	72	51	22	35	49	25	44	57	86	72	112	51	106	22	115	23	115	46	101	24	131	50	92	27	113	26	116											
DJF 209414	3	AM 150045	100	95	86	104	108	95			0.87	4.7	0.02	-0.9	4.8	10	118	35	11.9	-6.7	-4.7	13.7	13	27																	
20-9414		DJF 180832	47	71	47	15	31	45			48	99	39	104	50	88	15	96	16	102	42	107	20	106	46	98	20	99	27	100											
DJF 209416	3	AM 110061	101	105	77	101	107	98	100	98	0.94	8.4	-0.26	-3.5	7.1	13	120	28	19.1	9.5	-6.9	8.7	21	34																	
20-9416		AM 160229	60	73	55	26	38	52	27	47	61	99	51	112	56	92	26	99	24	102	49	85	26	116	54	89	30	113	28	109											
DJF 209417	5	AM 110061	100	110	80	95	100	97	97	96	1.12	10.4	-0.41	-2.7	10.3	19	129	39	17.2	11.6	-5.1	8.3	19	31																	
20-9417		D 130184	61	74	57	29	36	53	22	47	62	96	74	110	59	98	29	105	19	106	48	83	25	108	54	88	26	110	24	106											
DJF 209423	6	W 150037	86	117	100	97	87	98			2.08	13.1	0.01	2.9	17.3	17	123	24	24.8	11.8	-1.2	15.4	20	35																	
20-9423		DJF 161033	48	71	47	19	32	46			49	85	41	104	48	111	19	103	14	103	42	82	22	91	47	101	20	111	18	110											
DJF 209426	5	AM 110061	102	101	75	108	95	91	84	89	0.88	7.0	-0.30	-4.2	8.0	5	90	17	13.4	14.4	-4.1	6.4	5	24																	
20-9426		AM 160217	60	73	53	26	38	52	26	47	61	99	73	101	52	113	53	75	26	92	23	91	23	88	13	28	98	49	79	26	104	54	85	28	84	27	97				
DJF 209427	5	AM 110061	101	90	85	113	101	92	87	90	0.79	2.9	0.15	-1.3	1.5	0	99	30	11.5	12.5	-5.6	11.7	9	21																	
20-9427		W 160041	60	72	55	24	36	52	22	46	61	100	72	90	56	82	24	87	20	95	47	81	25	110	53	94	26	91	24	93											
DJF 209441	9	AM 140143	110	89	99	95	106	96	91	94	0.25	2.3	-0.44	2.5	2.1	18	93	37	7.9	2.3	-5.4	11.5	11	16																	
20-9441		XY 110008	56	73	55	25	34	51	28	46	57	107	73	89	49	118	55	99	31	86	46	95	23	109	51	94	31	95	30	87											
DJF 209445	2	AM 140143	94	115	120	79	133	128	116	129	1.50	12.2	-0.32	8.6	16.8	35	171	47	17.9	-14.2	-11.1	11.7	27	43																	
20-9445		DJF 127752	48	70	53	21	38	48	23	43	49	92	70	115	45	114	53	120	25	108	47	117	28	134	50	94	27	123	24	121	0.22	3.4	-0.32	16	110	16	119	13	95		
DJF 216270	1	AM 110061	72	132	103	86	111	113	122	116	3.13	18.6	0.24	3.8	25.7	28	217	63	27.6	14.9	-9.0	10.9	32	53																	
21-6270		DJF 127764	51	71	54	25	37	50	20	44	52	72	71	132	47	98	54	103	44	127	25	114	18	137	18	126	21	129	47	78	27	125	52	93	22	131	20	133			
DJF 216271	4	AM 110061	80	130	86	89	87	95	111	97	2.53	17.7	0.04	-1.2	23.2	25	182	52	22.3	22.6	-3.0	9.0	22	44																	
21-6271		AM 170008	59	73	53	25	37	52	24	46	61	80	50	103	49	122	25	111	27	117	48	68	26	99	52	89	27	115	26	122											
DJF 216272	9	W 150037	79	130	99	96	76	99	96	98	2.63	17.8	0.09	2.5	22.2	18	124	13	24.6	18.6	0.9	11.9	16	40																	
21-6272		AM 160175	53	72	47	22	32	48	25	43	55	78	72	130	43	120	22	104	27	122	43	73	21	83	46	94	28	103	26	117											
DJF 216273	4	AM 110061	86	111	87	105	100	98			2.11	10.7	-0.04	-0.9	13.2	8	145	42	19.8	15.4	-5.7	9.9	20	34																	
21-6273		DJF 161048	54	71	51	22	36	49			55	85	71	111	49	106	51	87	44	104	22	95	16	111	16	109	21	112	20	110											
DJF 216274		DJF 180828	91	115	106	77	87	92			1.42	12.1	0.55	4.7	26.1	37	166	47	16.5	13.7	-1.7	4.9	20	37																	
21-6274			16	64	29	6	20	31			16	93	16	88	32	127	6	123	7	105	27	80	12	93	32	82	7	110	6	113	0.60	3.1	-0.35	5	131	5	117	5	95		
DJF 216276	1	DJF 180834	100	113	108	83	112	114			0.92	11.5	-0.03	5.2	18.2	31	176	51	18.6	-1.3	-6.7	17.6	25	45																	
21-6276		DJF 181359	36	68	38	12	24	39			37	99	30	106	36	113	12	117	15	109	31	100	16	115	39	105	15	120	14	122											
DJF 216281	3	W 150037	94	103	103	93	75	83			1.27	7.9	0.33	3.6	13.7	20	116	23	20.6	10.9	2.5	12.6	18	31																	
21-6281		HCC 170016	38	68	38	16	30	41			39	95	31	95	32	105	16	107	15	101	41	84	19	76	43	96	18	107	17	106											
DJF 216284	1	DJF 180834	95	114	115	77	116	114			1.29	11.9	0.06	6.9	19.0	37	182	53	16.9	-2.0	-7.7	18.8	26	45																	
21-6284		DJF 181333	34	69	40	11	24	39			35	94	31	103	44	114	11	123	12	125	31	101	18	119	40	107	13	121	13	123	0.35	4.1	0.31	7	118	7	123	6	101		
DJF 216285	8	AM 150045	97	88	95	109	101	91	88	89	1.00	2.1	0.33	1.5	2.1	4	77	13	12.2	-11.1	-2.0	12.6	9	20																	
21-6285		ASE 160001	54	72	48	20	32	48	23	43	56	98	44	95	54	83	20	91	26	95	44	113	21	95	50	96	26	91	25	92											
DJF 216289	3	AM 150045	94	100	101	93	110	99	105	100	1.27	6.5	0.32	3.3	8.7	20	138	41	12.1	-6.3	-5.4	13.1	17	32																	
21-6289		DJF 181366	48	70	44	16	30	45	20	40	49	95	41	95	42	95	16	107	18	109	42	107	19	109	45	97	22	105	21	106											

Bulls

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Bull			Selection Values (SV / Acc)								Calf Weight		Mother		Growth & Efficiency				Fertility				Frame		Carcass																
ID Name	% Inbreeding	Sire ID Dam ID	Calf Ease	Calf Grwth	Milk	Maint.	Fertility	Cow Value	Grwth Value	Prod. Value	Birth Weight	Wean Weight	Birth Mat.	Milk Wn.Mat.	Postwn Weight	Mature Weight	ADG	Kleiber	Scrotal Circumf.	Heifer Fert.	Cow Fert.	Longevity	Height	Length	Dress%	RMeat Yield	Marb-ling														
Breed average:											0.82	6.6	0.16	2.9	11.2	14	114	32	14.3	-1.3	-3.2	15.0	14	26	0.05	0.1	0.2														
Bull average:											0.87	99	7.4	102	0.15	100	3.1	101	12.5	102	16	103	124	104	34	102	15.8	103	0.1	98	-3.0	99	15	102	29	104	104	0.9	102	0.3	100
			<75	75 - 125		>125		Shaded EBVi				90-110	>100	>100	>100	>100	90-110	>100	>100	>100	>100	>100	>100	90-110	90-110	>100	>100	>100													
DJF 216293	4	DJF 180834 DJF 181372	98 28	107 67	110 34	117 15					0.89 29	9.3 99	0.38 22	5.6 94	22.7 56																										
DJF 216297		DJF 181327	101 22	94 65	111 33	78 11	94 22	85 34				0.57 22	4.2 103	0.60 19	5.9 33	11.2 36	36 11	122	140 11	39 11	106	14.6 12	0.3 28	-1.6 93	4.8 33	82	17 12	105	30 12	104	0.46 8	1.4 123	-1.10 8	88							
DJF 216300	7	AM 150045 SW 120059	98 56	96 73	99 50	113 22	105 30	105 49				1.01 57	5.3 98	0.20 48	2.6 50	13.1 64	1 22	96 87	24 14	94	12.5 21	-10.2 43	-3.2 18	14.9 50	100	10 21	93	23 19	96												
DJF 216301	5	AM 160233 AM 170143	94 53	98 72	106 46	87 20	110 28	96 46	92 25	95 42	1.30 55	5.9 94	0.19 43	4.7 46	14.3 50	27 106	83 20	89 113	10 22	82	17.9 28	-6.5 37	-5.2 19	18.5 44	106	13 28	99	26 26	100												
DJF 216303	7	AM 150045 XY 110008	109 54	81 73	83 49	113 22	90 31	80 48	82 24	78 43	0.21 55	-0.7 107	-0.08 46	-1.9 49	-2.5 50	1 75	77 22	87 21	35 103	4.7 27	6.0 43	-1.2 91	10.2 49	91	3 27	81	8 25	78													
DJF 216305	4	AM 160182 DJF 171328	107 44	80 69	94 42	96 19	75 28	66 43				0.56 45	-1.1 103	-0.51 37	1.2 42	-7.0 59	18 67	92 19	23 104	15 92	12.9 19	9.7 37	2.6 75	12.3 43	95	16 19	103	23 18	96												
DJF 216307	4	AM 140143 OL 100011	98 48	103 70	124 52	84 16	115 30	113 46	111 20	114 41	1.15 49	7.7 96	-0.27 43	9.6 52	9.4 46	30 97	146 16	112 18	35 103	16.3 22	-7.5 41	-6.6 19	11.2 47	93	24 21	118	41 20	118													
DJF 216310	2	AM 160182 OL 170292	112 39	70 68	99 42	92 17	88 26	68 41				-0.14 40	-4.8 112	0.14 31	2.6 42	-8.4 58	21 64	89 16	91 91	21 16	92	11.9 18	1.8 35	-0.1 18	8.4 42	88	12 19	98	21 18	93											
DJF 216311		AM 160182 HCC 170095	98 38	93 68	103 42	87 19	88 22	81 40				1.04 39	4.1 97	-0.01 30	3.7 42	8.9 46	27 96	129 19	38 113	105	14.3 20	4.0 26	-0.5 17	11.9 41	95	20 20	110	30 19	104	0.04 8	0.4 100	-0.13 5	97								
DJF 216315	5	AM 140143 AM 120027	105 57	98 73	104 55	97 23	117 38	111 52	102 25	110 47	0.64 58	6.0 102	-0.34 50	3.9 55	8.6 52	17 95	122 23	38 103	23 105	16.7 27	-4.6 49	-7.7 27	15.8 52	101	16 28	104	27 26	101													
DJF 216318		AM 140143 DJF 110639	101 45	104 70	116 53	78 22	110 36	106 47	114 23	108 42	0.86 46	8.1 100	-0.11 40	7.3 53	13.1 42	35 104	159 22	47 116	22 113	14.9 24	1.0 45	-6.5 27	10.9 50	93	24 24	118	38 24	114	0.16 17	2.4 106	-0.21 16	96									
DJF 216322	4	AM 160233 AM 170082	93 53	95 72	116 45	91 20	112 30	101 47	92 26	99 43	1.36 55	4.7 94	0.22 44	7.4 45	7.6 44	23 93	92 20	11 23	83	16.8 28	-1.6 39	-6.8 20	12.7 44	96	13 29	99	29 27	103													
DJF 216326	8	AM 170012 AM 150137	86 53	114 72	97 45	87 21	82 32	86 47	99 26	86 43	1.87 55	11.7 72	0.45 42	2.1 45	19.0 42	27 114	120 21	28 113	24 97	17.7 28	4.7 41	1.2 81	11.8 46	94	14 29	100	30 27	105													
DJF 216327	3	AM 140143 AV 130033	95 43	107 70	120 50	81 17	115 33	112 45	110 21	112 40	1.33 44	9.1 94	-0.05 38	8.5 50	14.9 47	32 107	142 17	36 119	19 103	15.5 22	-3.6 43	-7.2 23	13.4 47	97	21 23	113	37 22	113	0.15 5	1.8 106		109									
DJF 216328	5	AM 170012 AM 160202	87 53	98 72	105 44	106 20	92 32	92 47	86 24	89 42	1.70 55	6.0 89	0.59 44	4.2 44	15.7 62	8 108	69 20	5 94	21 78	14.1 27	2.9 42	-1.4 21	14.0 47	98	12 27	97	23 26	96													
DJF 216329	3	AM 140143 DJF 092226	96 50	100 71	109 54	93 23	130 37	115 49	104 26	114 44	1.27 51	6.6 95	-0.01 47	5.4 54	9.1 44	21 96	125 23	33 107	24 101	13.2 27	-11.1 47	-10.5 27	10.2 51	91	20 28	110	31 27	106	0.00 13	0.5 97	-0.66 9	92									
DJF 216331	8	AM 160233 W 120047	99 55	83 72	116 50	100 25	100 29	91 48	75 22	86 43	0.87 56	0.1 99	0.35 49	7.5 50	-0.9 40	14 78	59 25	-3 100	17 72	12.5 25	-17.4 38	-0.6 20	10.9 45	93	10 25	93	21 23	94													
DJF 216335	2	AM 140143 DJF 157233	106 50	100 71	117 54	88 18	121 37	117 49	102 23	116 44	0.63 51	6.6 102	-0.58 45	7.5 54	10.4 50	26 98	128 18	36 112	21 103	12.7 24	-11.7 47	-7.7 27	15.7 50	101	20 24	111	31 24	106	0.02 12	0.3 99	-0.51 9	93									
DJF 216336	1	AM 140143 DJF 114330	94 44	106 70	113 50	83 21	116 36	109 47	110 23	110 42	1.35 45	8.9 94	0.09 39	6.6 50	18.1 48	30 113	140 21	42 117	22 108	11.9 24	-10.4 46	-6.7 27	13.8 51	98	20 25	111	33 24	108	0.05 17	1.2 100	-0.32 15	95									
DJF 216346	2	AM 140143 OL 130113	93 46	111 70	127 52	78 17	108 32	112 46	115 21	114 41	1.57 47	10.9 91	-0.12 41	10.5 52	15.5 47	36 108	163 17	40 122	19 107	18.4 22	1.6 43	-6.1 20	11.1 47	93	26 22	121	44 21	121	0.28 8	3.1 113		117									

Bulls

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Bull			Selection Values (SV / Acc)							Calf Weight		Mother		Growth & Efficiency				Fertility				Frame		Carcass				
ID		Sire ID	Calf Ease	Calf Grwth	Milk	Maint.	Fertility	Cow Value	Grwth Value	Prod. Value	Birth Weight	Wean Weight	Birth Mat.	Milk Wn.Mat.	Postwn Weight	Mature Weight	ADG	Kleiber	Scrotal Circumf.	Heifer Fert.	Cow Fert.	Longevity	Height	Length	Dress%	RMeat Yield	Marb-ling	
Name	% Inbreeding	Dam ID	Breed average: 0.82 6.6 0.16 2.9 11.2 14 114 32 14.3 -1.3 -3.2 15.0 14 26 0.05 0.1 0.2							Bull average: 0.87 99 7.4 102 0.15 100 3.1 101 12.5 102 16 103 124 104 34 102 15.8 103 0.1 98 -3.0 99 15 102 29 104 0.9 102 0.3 100							Shaded EBVi 90-110 >100 >100 >100 >100 >100 >100 >100 >100 >100 >100 >100 >100 >100 >100											
DJF 216349	3	AM 160182 DJF 181357	105 43	90 70	95 45	91 18	95 28	83 44			0.67 44	2.8 102 70	-0.35 35	1.4 115 45	95	3.3 47	22 18	103 17	23 17	15.3 20	0.1 37	-1.9 19	15.0 44	100	19 21	29 108	20 103	
DJF 216350	3	AM 140143 GU 161011	97 43	102 69	118 50	84 17	107 32	105 45	111 20	106 40	1.19 44	7.5 96 69	-0.05 38	8.0 106 50	118	7.0 48	30 17	148 19	38 112	16.0 22	-2.5 42	-5.1 22	12.4 108	45 95	23 22	40 116	21 116	0.16 5 2.1 106 5 111
DJF 216351	7	AM 150045 D 130184	113 63	89 73	93 50	103 24	102 31	97 50	85 20	94 44	-0.06 66	2.5 111 73	-0.19 47	0.9 50 93		4.5 57	10 24	79 17	24 87	6.0 23	-8.8 43	-2.6 19	11.4 94	9 24	17 92	22 89		
DJF 216355	9	AM 160233 DJF 141423	82 50	109 71	104 47	96 20	87 30	90 46	86 20	88 41	2.27 51	10.1 83 71	0.30 43	3.9 47 104		16.0 50	18 20	84 17	2 89	22.0 24	10.5 39	-1.1 20	15.6 46	101	16 24	31 103	22 105	
DJF 216358	5	AM 150045 SW 110088	92 56	105 73	103 51	107 25	105 34	108 50	102 22	108 44	1.48 57	8.5 92 73	0.14 49	3.8 101 51	103	14.7 58	6 25	126 93	35 19	12.0 24	-7.0 45	-3.7 22	16.4 103	50 103	17 25	32 105	23 106	
DJF 216363	4	AM 140143 DJF 161003	101 48	92 71	113 53	94 18	107 35	101 48	97 22	100 43	0.89 49	3.6 99 71	-0.16 44	6.6 109 53	113	5.0 42	20 89	108 20	29 98	10.3 24	-5.5 45	-4.6 25	11.6 94	16 24	26 105	23 100	-0.13 5 -1.0 90 5 94	
DJF 216370	4	AM 160182 DJF 180831	110 46	76 67	95 46	101 18	95 30	78 44			0.22 47	-2.5 107 67	-0.22 39	1.4 111 46	95	-3.8 40	13 18	66 99	14 17	10.4 21	-2.3 38	-1.5 21	14.8 101	45 100	11 21	16 94	20 88	
DJF 216372	3	AM 160182 DJF 180826	99 43	101 67	102 44	93 18	96 28	95 43			1.13 44	6.8 96 67	-0.27 35	3.3 112 44	102	7.1 38	20 18	123 107	28 17	16.1 20	4.5 38	-2.8 19	13.7 98	42 98	18 20	34 107	19 109	
DJF 216376	6	AM 150045 AM 150169	83 53	119 68	91 46	105 19	105 30	109 46	102 20	109 41	2.24 55	13.8 83 68	0.11 41	0.3 101 46	91	15.4 44	8 108	161 95	48 17	20.0 23	2.4 42	-5.3 19	12.8 109	49 96	21 24	40 112	22 117	
DJF 216377	1	AM 160233 DJF 171322	89 39	114 67	120 37	78 15	103 20	106 38	107 20	107 34	1.77 40	11.9 89 67	0.15 32	8.6 100 37	120	20.8 44	36 118	149 15	31 122	23.8 21	-3.3 26	-3.7 15	13.6 102	39 97	25 21	43 120	20 120	
DJF 216378	5	AM 140143 GU 161004	100 46	103 69	118 50	83 16	116 32	111 45			1.08 47	7.6 97 69	-0.37 42	7.9 116 50	118	10.2 37	31 16	140 117	35 15	17.1 20	-10.8 41	-6.4 22	11.2 114	43 93	22 20	38 114	18 114	
DJF 216379	6	AM 160233 SW 110007	82 55	109 72	117 50	93 23	112 30	109 48	98 20	108 42	2.33 56	10.1 82 72	0.21 49	7.6 98 50	117	14.2 48	21 105	119 23	16 102	22.8 23	-0.7 39	-6.9 21	11.8 116	46 94	22 23	38 115	22 114	
DJF 216380	10	AM 150045 W 140029	101 53	97 73	88 49	122 20	105 30	107 48			0.73 55	5.5 101 73	0.15 43	-0.5 100	88	5.4 53	-9 89	78 20	13 78	8.5 21	-5.8 40	-4.1 19	16.6 104	49 103	6 21	86 20	20 92	
DJF 216381	3	AM 160182 DJF 171327	99 45	84 70	97 45	97 18	89 30	75 44			0.99 46	0.6 98 70	0.03 39	2.0 104 45	97	2.6 48	16 84	83 16	21 89	10.8 19	-5.9 37	0.9 22	15.6 106	45 101	13 19	19 98	18 91	
DJF 216382	2	AM 160233 OL 170272	96 38	96 67	116 38	88 14	112 26	102 40			1.06 39	5.2 97 67	0.40 30	7.2 93 38	116	11.7 34	26 101	107 14	16 112	19.9 20	-10.2 35	-5.3 17	5.2 109	38 82	18 20	31 107	19 106	
DJF 216387		DJF 180821	109 21	84 64	102 32		95 22				0.00 21	0.5 110 64	0.35 23	3.5 94 32	102	9.5 32					1.5 27	-2.2 16	4.7 96	32 81				
DJF 216388	2	DJF 180834 DJF 181365	109 62	109 68	109 41	79 5	121 24	119 44			0.32 67	10.1 106 68	-0.28 33	5.4 113 41	109	20.3 44	34 117	5 121			-11.6 32	-7.9 17	18.0 120	40 106	24 5	117		
DJF 216390	2	AM 140143 DJF 157248	104 50	107 70	112 52	77 22	123 36	115 48	114 25	117 43	0.69 51	9.3 102 70	-0.21 45	6.2 111 52	112	15.0 50	37 22	159 24	43 116	14.9 27	-7.0 46	-9.1 26	15.4 125	48 101	22 27	41 115	26 118	0.23 16 2.7 111 16 115 0.17 14 99
DJF 216395		AM 140143 DJF 141427	114 66	86 70	107 53	88 22	115 37	101 52	105 23	102 46	-0.24 70	1.5 113 70	-0.03 44	4.8 106 53	107	3.5 48	26 86	123 22	39 112	10.0 24	-5.6 47	-7.1 27	14.2 117	50 99	17 24	26 106	24 100	-0.02 17 96 -0.1 17 99 -0.36 16 94
DJF 220603		DJF 127782 DJF 194827	67 65	108 69	103 35	104 12	100 24	91 45			4.44 71	9.5 57 69	1.07 29	3.6 73 35	103	19.3 32	10 115	123 12	43 9	11.2 11	5.4 34	-4.3 15	16.1 105	40 102	15 11	24 102	11 97	

Bulls

Inbreeding in red is high

EBV
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Bull			Selection Values (SV / Acc)							Calf Weight		Mother		Growth & Efficiency				Fertility				Frame		Carcass																
ID		Sire ID	Calf Ease	Calf Grwth	Milk	Maint.	Fertility	Cow Value	Grwth Value	Prod. Value	Birth Weight	Wean Weight	Birth Mat.	Milk Wn.Mat.	Postwn Weight	Mature Weight	ADG	Kleiber	Scrotal Circumf.	Heifer Fert.	Cow Fert.	Longevity	Height	Length	Dress%	RMeat Yield	Marb-ling													
Name	% Inbreeding	Dam ID	Breed average:							0.82	6.6	0.16	2.9	11.2	14	114	32	14.3	-1.3	-3.2	15.0	14	26	0.05	0.1	0.2														
			Bull average:							0.87	99	7.4	102	0.15	100	3.1	101	12.5	102	16	103	124	104	34	102	15.8	103	0.1	98	-3.0	99	15	102	29	104	104	0.9	102	0.3	100
			Shaded EBVi							90-110	>100	>100	>100	>100	>100	90-110	>100	>100	>100	>100	>100	>100	>100	90-110	90-110	>100	>100	>100												
DJF 220604		DJF 127782	69	102	105		96				3.07	7.3	1.00	4.3	16.5				8.4	-5.5	-1.2	16.9	16																	
DJF 220604		DJF 194839	63	68	32		18				70	73	26	75	29	110			5	87	22	106	13	92	37	104	5	104												
DJF 220615		DJF 127782	92	94	107		92				1.28	4.5	0.68	4.9	13.0				8.3	0.0	-0.9	16.8	16																	
DJF 220615		DJF 194810	63	68	31		16				70	95	25	85	29	103			5	87	19	98	12	90	38	103	5	104												
DJF 220620	2	DJF 181354	83	100	109	94	125	106			2.26	6.8	0.13	5.4	9.4	20	128	38	11.5	-19.5	-7.9	21.3	17	29																
DJF 220620		DJF 194800	65	70	40	11	24	46			71	83	33	101	36	97	11	106	14	94	34	124	15	120	39	111	14	105												
DJF 220628	3	DJF 181354	95	104	111	95	104	106			1.47	8.0	-0.25	6.0	11.7	18	129	39	15.1	3.3	-5.1	19.8	18	29																
DJF 220628		DJF 161033	66	69	43	13	26	47			72	92	35	112	31	101	13	105	14	102	34	94	19	108	41	109	14	108												
DJF 220630		DJF 127782	87	107	108		90				1.77	9.2	0.41	5.0	16.2					0.0	-0.3	15.3																		
DJF 220630		AV 170116	62	66	34		22				69	89	24	93	14	109				32	98	13	88	37	101															
DJF 220633	8	AM 150092	114	82	81	112	94	86	80	83	-0.11	0.0	-0.38	-2.5	-1.9	2	84	26	13.7	3.1	-2.0	9.1	10	17																
DJF 220633		AM 150162	70	56	46	20	30	46	20	41	74	111	44	116	38	76	20	88	23	99	39	94	21	95	43	89	24	93												
DJF 220635	4	AM 150092	93	94	93	99	94	84			1.43	4.4	0.06	1.0	5.9	15	100	31	11.0	0.0	-1.7	7.9	11	20																
DJF 220635		DJF 181366	66	51	43	17	28	42			71	93	40	103	34	90	17	101	19	93	37	98	19	94	41	87	19	96												
DJF 220637	8	AM 150085	101	95	93	98	111	98	87	95	0.88	4.9	-0.10	0.9	3.4	16	91	14	11.5	-7.8	-5.4	13.5	11	26																
DJF 220637		W 160041	69	70	46	19	28	49	22	44	74	99	42	108	39	86	19	102	25	94	37	109	20	109	44	97	25	95												
DJF 220639	11	AM 150092	101	95	87	105	78	80			0.83	4.6	-0.05	-0.7	5.1	9	93	21	18.5	3.7	2.6	11.2	10	21																
DJF 220639		AM 170246	69	71	48	21	28	50			74	100	43	106	37	89	21	95	19	109	37	93	18	75	43	93	19	94												
DJF 220641	14	DJF 181354	119	90	116		110				-0.49	3.0	-0.35	7.3	4.7					-6.2		18.9																		
DJF 220641		DJF 181356	64	68	36		14				71	116	26	115	19	88				26	107		31	107																
DJF 220642	1	DJF 181354	120	97	113	88	112	116			-0.53	5.4	-0.47	6.6	9.4	25	140	42	13.2	-7.1	-5.7	18.7	21	32																
DJF 220642		DJF 157233	65	68	43	11	28	47			71	116	34	118	28	97	11	112	13	98	36	108	21	111	42	107	13	112												
DJF 220647		DJF 127782	110	86	109	102	108	103			-0.12	1.3	0.39	5.4	8.1	11	108	31	12.1	-16.9	-3.0	15.3	16	25																
DJF 220647		DJF 194796	64	69	33	12	24	44			70	111	29	93	25	94	12	98	15	95	32	121	17	99	39	101	16	104												
DJF 220648		DJF 127782	106	97	103	95	97	98			0.36	5.6	0.19	3.6	11.0	19	125	36	12.1	2.4	-2.8	19.4	17	30																
DJF 220648		DJF 194809	65	69	33	8	22	44			71	106	29	99	30	100	8	105	11	95	32	95	13	98	39	108	11	106												
DJF 220650	3	DJF 181354	80	113	115	91	107	106			2.65	11.4	-0.18	6.9	16.2	22	144	43	17.1	1.5	-5.6	21.1	21	34																
DJF 220650		DJF 157231	67	69	42	13	27	47			72	78	36	110	30	109	13	109	14	106	35	96	19	110	42	111	14	112												
DJF 220652	8	AM 150092	107	75	96	114	69	69			0.26	-2.9	0.25	1.8	-0.5	-1	69	25	9.1	5.1	5.3	12.7	3	9																
DJF 220652		AM 160047	69	71	45	18	28	49			74	107	41	97	36	79	18	86	21	89	37	91	19	64	44	96	21	82												
DJF 220661	2	DJF 181354	97	97	113	97	103	102			1.09	5.4	0.22	6.6	10.3	16	138	43	15.4	-0.1	-4.4	18.6	20	32																
DJF 220661		AM 120097	69	70	43	18	30	49			74	97	39	98	32	98	18	103	20	102	37	98	22	105	45	107	21	111												
DJF 220662	3	DJF 171338	80	100	107	112	97	96			2.39	6.4	0.42	4.9	10.3	2				0.1	-2.4	16.1																		
DJF 220662		AV 170027	63	36	40	6	26	36			69	81	31	92	25	98	6	88		35	98	17	97	35	102															
DJF 220666	2	DJF 181354	91	100	113	93	129	113			1.66	6.7	0.04	6.5	10.8	21	129	38	12.4	-23.1	-8.4	21.5	19	30																
DJF 220666		DJF 161024	65	69	44	11	28	47			71	90	34	103	29	99	11	107	13	96	36	129	20	122	41	112	13	110												
DJF 220667	2	DJF 181354	107	86	102	101	104	95			0.36	1.5	-0.12	3.5	3.7	13	93	30	7.3	-4.9	-3.7	17.2	13	19																
DJF 220667		DJF 161034	65	47	34	11	26	39			71	106	34	108	26	86	11	99	13	85	33	105	19	102	40	104	13	98												
DJF 220669	2	DJF 181354	119	87	103	96	108	103			-0.55	1.9	-0.30	3.7	4.7	18	122	41	12.7	-6.9	-4.6	19.9	16	25																
DJF 220669		DJF 171331	66	68	42	12	26	46			71	116	36	113	26	88	12	104	13	97	34	107	18	106	40	109	13	103												

Bulls

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Bull			Selection Values (SV / Acc)							Calf Weight		Mother		Growth & Efficiency					Fertility				Frame		Carcass															
ID		Sire ID	Calf Ease	Calf Grwth	Milk	Maint.	Fertility	Cow Value	Grwth Value	Prod. Value	Birth Weight	Wean Weight	Birth Mat.	Milk Wn.Mat.	Postwn Weight	Mature Weight	ADG	Kleiber	Scrotal Circumf.	Heifer Fert.	Cow Fert.	Longevity	Height	Length	Dress%	RMeat Yield	Marb-ling													
			Breed average:							0.82	6.6	0.16	2.9	11.2	14	114	32		14.3	-1.3	-3.2	15.0	14	26	0.05	0.1	0.2													
			Bull average:							0.87	99	7.4	102	0.15	100	3.1	101	12.5	102	16	103	124	104	34	102	15.8	103	0.1	98	-3.0	99	15	102	29	104	104	0.9	102	0.3	100
			<75		75 - 125		>125	Shaded EBVi			90-110	>100	>100	>100	>100	90-110	>100	>100	>100	>100	>100	>100	>100	90-110	90-110	>100	>100	>100												
DJF 220672		DJF 127782	109	84	85	111	90	84			0.06	0.7	0.32	-1.2	1.7	2	63	16	4.8	3.7	-0.8	16.3	6	11																
DJF 220672		DJF 194877	66	69	36	13	26	46			72	109	33	95	32	83	13	89	13	79	35	93	42	102	13	87	12	81												
DJF 220673	4	DJF 171338	119	81	95	113	98	97			-0.54	-0.5	-0.21	1.4	0.3	1				-9.5	-1.2	16.5																		
DJF 220673		GU 161000	63	33	36	6	24	34			69	116	33	81	21	80	6	87		31	111	17	92	35	103															
DJF 220675	1	DJF 181354	105	93	116	93	109	106			0.55	4.1	-0.12	7.3	8.4	21	121	38	10.6	4.8	-5.3	16.7	17	26																
DJF 220675		DJF 161025	64	50	40	11	28	41			70	103	32	108	28	95	11	103	13	92	34	105	21	109	40	103	13	106	13	100										
DJF 220691	13	DJF 181354	103	88	115		122				0.66	2.0	0.04	7.1	6.1					-15.9		20.9																		
DJF 220691		DJF 181329	63	68	36		16				70	102	23	103	13	91				27	120	31	111																	
DJF 220692	2	OL 150296	115	91	112	92	110	108			-0.33	3.3	0.03	6.1	7.6	21	124	34	14.4	-12.9	-4.4	13.2	19	31																
DJF 220692		DJF 181316	64	66	32	11	22	43			70	114	29	104	26	93	11	108	12	100	31	116	13	105	34	97	12	109	11	105										
DJF 220694	8	OL 150296	100	100	121						0.77	6.7		8.7						-0.3		7.1																		
DJF 220694		OL 130113	58	64	28						68	101	64	100						16	99	19	86																	
DJF 220701		DJF 127782	78	110	107	89	105	97			2.52	10.2	0.41	5.0	20.0	25	146	46	10.6	-3.1	-4.5	17.7	18	32	0.16	1.4	0.46													
DJF 220701		DJF 157244	65	67	37	11	26	45			71	80	32	93	24	116	11	111	14	92	32	102	21	105	42	105	10	107	10	107	9	102								
DJF 220702	4	DJF 171338	118	84	90	109	108	101			-0.42	0.7	-0.31	0.2	1.9	5			8.8	-8.1	-4.6	18.5	13	20																
DJF 220702		DJF 180823	64	38	41	10	26	37			69	115	34	114	28	83	10	91	9	88	34	109	18	106	38	106	9	98	7	92										
DJF 220706	6	DJF 181354	112	89	114		112				-0.07	2.4	-0.10	6.9						-5.5	-6.2	17.6																		
DJF 220706		DJF 171372	63	41	23		16				69	111	27	107						26	106	5	113	33	105															
DJF 220707	6	AM 150092	120	81	86	109	91	87	77	83	-0.67	-0.5	-0.15	-1.2	-4.4	5	67	8	13.3	-0.8	-0.6	8.4	8	20																
DJF 220707		AM 170086	70	57	47	21	30	46	22	41	74	118	45	109	40	71	21	91	25	98	39	99	21	89	42	88	25	89	23	92										
DJF 220709		DJF 219497	95	99	107	87	86	85			1.04	6.4	0.59	4.8	14.4	27	123	35	12.2	10.6	-0.8	-0.7	12	25																
DJF 220709			61	35	22	8	13	29			67	97	26	87	26	106	8	113	11	96	18	84	8	90	23	72	11	97	10	98										
DJF 226495	7	AM 150092	106	90	91	96	73	73	82	71	0.42	3.0	-0.05	0.2	3.2	18	78	12	18.7	7.0	3.7	7.0	10	20																
DJF 226495		AM 150166	71	56	47	24	30	47	21	42	75	105	48	106	38	85	24	104	24	109	39	89	21	71	43	86	24	93	22	93										
DJF 226687	1	AM 110046	98	94	106	105	96	96			1.08	4.2	0.02	4.5	8.0	9	92	26	9.0	-1.5	-1.9	11.6	13	19																
DJF 226687		AV 130080	66	65	47	13	32	48			70	97	41	104	30	94	13	95	15	88	38	100	27	94	46	94	15	98	14	91										
DJF 226689	1	AM 110046	72	96	106	108	83	78			2.94	5.0	0.57	4.4	9.9	5	77	20	7.9	4.0	1.0	4.5	9	15																
DJF 226689		LZ 160033	66	65	46	13	33	48			70	75	40	88	30	98	13	92	15	86	40	93	26	82	45	81	15	91	14	86										
DJF 226697		LZ 170029	76	97	108		74				2.44	5.5	1.07	5.1	14.3					15.7	2.1	-5.7																		
DJF 226697			59	59	21		18				66	81	20	73	25	106				25	77	10	78	24	63															

Cows

Inbreeding in red is high

EBV
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Cow			Selection Values (SV / Acc)								Calf Weight		Mother		Growth & Efficiency				Fertility				Frame		Carcass																
ID Name	% Inbreeding	Sire ID Dam ID	Calf Ease	Calf Grwth	Milk	Maint.	Fertility	Cow Value	Grwth Value	Prod. Value	Birth Weight	Wean Weight	Birth Mat.	Milk Wn.Mat.	Postwn Weight	Mature Weight	ADG	Kleiber	Scrotal Circumf.	Heifer Fert.	Cow Fert.	Longevity	Height	Length	Dress%	RMeat Yield	Marb-ling														
Breed average:											0.82	6.6	0.16	2.9	11.2	14	114	32	14.3	-1.3	-3.2	15.0	14	26	0.05	0.1	0.24														
Cow average:											0.81	100	6.3	99	0.16	100	2.8	100	10.7	99	13	99	110	99	31	99	13.8	99	-1.8	101	-3.3	100	13	99	25	99	99	-0.2	99	0.2	100
Shaded EBVi											90-110	>100	>100	>100	>100	90-110	>100	>100	>100	>100	>100	>100	90-110	90-110	>100	>100	>100														
DJF 059927 05-9927			105 20	95 30	108 33		95 28				0.38 20	4.7 30	0.33 21	5.1 33	13.5 18						-6.9 40	-0.9 17	7.8 90	56 87																	
DJF 059929 05-9929			104 53	93 53	122 50		94 30				0.50 55	4.1 104	0.16 43	9.2 100	12.9 12						7.1 45	-2.7 89	5.1 15	63 98	82																
DJF 081333 08-1333DJF			105 19	93 25	109 31		93 26				0.37 19	4.2 105	0.36 22	5.3 94	12.8 16						-5.6 32	-0.3 20	-4.9 88	44 64																	
DJF 092226 09-2226			95 58	87 61	99 69	117 32	129 50	109 54	91 30	107 49	1.17 58	1.6 96	0.44 59	2.5 69	4.4 47	-4 88	87 32	27 90	25 95	9.0 31	-14.0 88	-9.8 41	4.6 128	67 81	12 31	18 97	30 89	-0.18 14	-2.2 86	-0.74 11	91										
DJF 100631 10-0631DJF			105 19	93 25	109 31		91 27				0.37 19	4.2 105	0.36 22	5.3 94	12.8 16						-4.0 34	-0.2 20	-9.2 87	44 56																	
DJF 110637 11-0637DJF			105 19	93 25	109 31		90 28				0.37 19	4.2 105	0.36 22	5.3 94	12.8 16						-5.4 35	0.6 106	-5.4 21	63 84																	
SW 110088 11 0088			4	H	030011 SW 061069	95 80	108 108	116 82	108 53	111 54	122 69	107 35	122 62	1.35 81	9.5 94	80 108	-0.01 77	7.3 105	82 116	17.1 71	6 111	127 53	32 92	32 105	100	13.5 38	-12.4 65	-4.7 42	106 108	19.4 66	108 108	22 38	35 115	36 110							
AM 120027 AM120027			9	T	040022 AM 060017	108 78	94 79	86 77	116 33	104 54	104 66	94 31	102 59	0.40 80	4.5 105	79 94	-0.28 70	-1.2 113	77 86	7.7 56	-3 33	107 84	41 27	107 97	107	19.3 35	1.6 67	-4.8 40	107 107	14.5 67	99 99	10 35	18 93	18 33	90						
AM 120097 AM120097			4	T	040022 V 070091	106 78	94 77	101 71	114 37	95 52	103 64	107 34	104 58	0.14 80	4.4 108	77 94	0.54 67	3.0 89	71 101	8.1 54	0 37	86 86	132 31	107 107	43 31	109	18.0 36	2.4 62	-2.2 95	14.6 43	96 96	14.6 67	99 99	19 37	109 109	31 35	106				
DJF 127752 12-7752			DJF 092237 DJF 081331	102 48	97 56	125 69	96 16	135 47	129 49		0.78 47	5.6 101	5.6 97	-0.07 51	10.0 107	69 125	12.0 32	17 101	146 16	45 104	14 112	45 14	111	13.9 16	99	-22.8 57	-10.4 129	8.1 37	60 130	88	21 16	113 107	32 15	107	0.10 7	1.3 103	7 7	107	-0.20 5	96	
DJF 127760 12-7760			DJF 092237 DJF 091346	96 29	94 35	113 39	100 16	113 33	106 31		1.07 29	4.4 97	4.4 35	6.4 94	30 113	11.2 27	13 100	130 16	42 14	106 106	14 14	108 108	11.7 16	94	-8.5 40	-5.9 110	4.0 26	80 112	45 45	18 16	27 107	15 15	101	0.02 7	0.3 99	7 7	101	-0.27 5	95		
DJF 127763 12-7763			DJF 092237 DJF 081332	97 30	94 36	112 41	100 16	127 32	114 32		0.98 30	4.3 98	4.3 36	6.4 94	31 112	10.6 28	13 16	130 100	42 14	106 106	14 14	108 108	11.8 16	95	-19.9 39	-8.3 125	7.4 24	86 122	44 44	18 16	27 108	15 15	101	0.03 7	0.3 99	7 7	101	-0.26 5	95		
DJF 127764 12-7764			DJF 092237 DJF 092240	79 46	108 57	143 70	90 16	127 44	126 48		2.31 46	9.6 82	5.7 108	0.69 49	15.0 84	70 143	19.1 36	24 115	174 16	52 14	122 112	14 14	116	17.6 16	107	-12.4 55	-9.6 115	34 127	12.7 59	96	26 16	40 121	15 15	117	0.24 7	3.2 111	7 7	117	-0.09 5	97	
DJF 127768 12-7768			DJF 092237 DJF 071302	98 29	92 34	109 38	101 16	120 32	108 30		0.93 29	3.7 99	3.7 34	5.5 92	38 109	10.1 27	12 16	126 14	41 14	104 104	14 14	107 107	11.2 16	93	-17.2 39	-6.6 121	5.5 25	83 115	45 45	17 16	26 106	15 15	99	0.00 7	0.0 98	7 7	99	-0.28 5	95		
DJF 127772 12-7772			DJF 092237 DJF 081329	96 31	93 38	108 44	101 16	138 35	118 34		1.00 31	3.9 98	3.9 38	5.2 91	44 108	10.3 28	12 16	126 14	41 14	104 104	14 14	107 107	11.2 16	93	-30.2 42	-10.2 139	9.2 28	90 130	46 46	17 16	26 106	15 15	99	0.00 7	0.0 98	7 7	99	-0.28 5	95		
DJF 127775 12-7775			DJF 079960 DJF 064023	102 29	84 32	99 36	101 7	99 29	86 28		0.47 29	0.4 104	0.4 32	2.7 85	36 99	7.0 20	13 7	104 99	39 8	106 96	8 8	106	4.6 9	79	-7.5 35	-1.8 108	1.7 23	76 94	46 46	11 9	95 95	17 9	89								
DJF 127778 12-7778			13 DJF 079960 DJF 079956	90 35	80 45	94 59		108 40			1.21 35	-0.8 95	1.43 45	1.1 80	59 94	4.4 7																									
DJF 127791 12-7791			DJF 079960 DJF 059910	101 32	87 38	106 44	98 7	102 32	91 32		0.59 32	1.6 103	1.6 38	4.5 88	44 106	8.0 24	15 7	114 102	42 8	108 108	8 8	108	6.0 9	82	-7.5 39	-2.9 108	8.8 25	89 99	49 49	13 9	20 99	20 9	93								
DJF 127793 12-7793			DJF 079960 DJF 014958	102 28	83 30	99 33	101 7	94 28	82 27		0.48 28	0.4 104	0.4 30	2.6 84	33 99	6.9 18	13 7	105 99	40 8	106 106	8 8	106	4.7 9	79	-4.0 34	-0.8 104	-0.9 22	71 90	47 47	11 9	96 96	18 9	89								
LZ 120010 LZ D10			1	06-0016LB LZ 090021	90 22	95 23	108 29		85 26		1.36 22	4.8 94	4.8 23	5.2 95	29 108	10.9 12																									

Cows

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Cow			Selection Values (SV / Acc)							Calf Weight		Mother		Growth & Efficiency				Fertility				Frame		Carcass																	
ID Name	% Inbreeding	Sire ID Dam ID	Calf Ease	Calf Grwth	Milk	Maint.	Fertility	Cow Value	Grwth Value	Prod. Value	Birth Weight	Wean Weight	Birth Mat.	Milk Wn.Mat.	Postwn Weight	Mature Weight	ADG	Kleiber	Scrotal Circumf.	Heifer Fert.	Cow Fert.	Longevity	Height	Length	Dress%	RMeat Yield	Marb-ling														
Breed average:											0.82	6.6	0.16	2.9	11.2	14	114	32	14.3	-1.3	-3.2	15.0	14	26	0.05	0.1	0.24														
Cow average:											0.81	100	6.3	99	0.16	100	2.8	100	10.7	99	13	99	110	99	31	99	13.8	99	-1.8	101	-3.3	100	13	99	25	99	99	-0.2	99	0.2	100
			<75	75 - 125		>125		Shaded EBVi				90-110		>100		>100		>100		>100		>100		90-110		90-110		>100		>100		>100									
SW 120034	4	SW 060039 12 0034 SW 090044	107 80	100 78	106 75	98 38	107 50	110 65	99 34	109 59	0.32 81	6.7 106	0.06 73	4.5 106	12.4 72	15 38	107 31	20 98	21.7 37	-10.6 63	-3.8 112	16.3 64	22 37	34 115	34 35	110 110	-0.14 6	0.0 89	0.0 6	99 99											
SW 120059	7	SW 080043 12 0059 SW 050003	113 79	95 79	104 79	117 37	111 44	120 64	86 26	116 56	0.05 80	4.8 109	-0.99 73	3.9 134	8.8 68	-3 37	78 83	14 22	16.0 29	-17.9 58	-3.9 30	15.5 64	11 29	21 96	21 27	94 94															
W 120047	15	JM 030069 W1247 W 090054	96 81	79 80	110 82	109 43	85 48	80 67	64 30	74 60	1.01 82	-1.3 98	0.44 78	5.5 82	-7.8 48	5 43	46 91	1 26	1.6 35	-17.5 60	3.9 70	8.8 64	2 36	11 80	11 33	81 81															
DJF 133757		DJF 079960 13-3757 DJF 059922	89 42	91 51	113 63	94 7	113 42	96 43			1.33 42	3.2 94	1.02 44	6.6 63	11.0 28	20 7	131 106	46 8	8.3 9	-13.3 52	-5.1 116	13.9 61	16 9	26 104	26 9	99 99															
DJF 137813		DJF 092237 13-7813 DJF 100623	97 30	91 35	109 40	100 16	119 32	105 31			0.95 30	3.3 98	0.54 30	5.3 40	10.0 28	13 16	122 100	38 14	11.3 16	-20.0 40	-6.0 125	4.6 44	16 16	24 104	24 15	98 98	0.06 7	-0.2 101	-0.50 5	93 93											
DJF 137815		DJF 102306 13-7815 DJF 102311	99 21	90 29	110 37		100 27				0.70 21	3.0 101	0.65 21	5.7 86	10.8 18				8.6 5	-3.9 33	-2.8 103	1.3 44	16 5	104 104																	
DJF 137827	1	DJF 079960 13-7827 DJF 014935	112 55	69 53	65 64	115 16	105 46	73 48			-0.25 54	-4.9 113	0.38 58	-7.0 64	-4.8 35	-1 16	54 85	24 17	0.4 19	-13.3 55	-2.8 98	14.4 63	3 18	5 82	5 18	74 74															
DJF 137831		DJF 079960 13-7831	98 28	88 30	101 33	103 7	107 28				0.81 28	2.2 100	0.55 25	3.2 33	7.6 18	10 7	127 97	51 8	5.1 9	-15.7 34	-3.0 119	8.2 40	17 9	24 106	24 9	97 97															
DJF 137837	2	DJF 092237 13-7837 DJF 102320	93 32	89 35	103 38	109 14	122 30	104 31			1.24 32	2.3 95	0.50 31	3.7 38	5.9 28	5 14	101 91	32 14	8.7 17	-12.8 39	-8.1 115	6.0 45	13 17	21 99	21 16	93 93															
OL 130113	2	LB 080039 OLDONYO 13-113 OL 060475	95 42	97 53	137 66		86 32				1.22 42	5.7 95	0.28 43	13.3 96	11.4 19					9.3 49	-0.5 88	4.5 48																			
AM 140045		AM140045	115 36	93 16	114 23						-0.23 35	4.0 113	-0.21 40	6.9 111	12.1 7							9.0 44																			
AV 140002	2	AV 110039 ANIVAI 44606 J 110420	118 38	80 45	107 59		98 30				-0.49 38	-0.9 116	-0.23 41	4.8 111	0.9 34					2.5 31	-3.2 95	4.2 29																			
AV 140009	4	AV 110039 ANIVAI 44818 J 110458	112 23	79 18	101 22		99 29				-0.08 23	-1.1 111	0.08 20	3.2 102	0.7 12	81				-2.9 32	-2.7 102	6.3 36																			
AV 140046		LB 080040 ANIVAI 14/46 ZT 099131	105 15	86 18	107 23		91 16				0.27 15	1.3 107	0.57 15	4.8 23	8.5 11					9.3 20	-2.1 86	-4.3 13																			
DJF 141404		DJF 079960 14-1404 DJF 100630	109 35	82 40	99 47	101 7	105 35	92 35			0.02 35	0.0 110	0.35 34	2.5 94	6.3 26	13 7	106 97	40 8	4.9 9	-15.2 43	-2.7 119	1.9 48	12 9	18 96	18 9	90 90															
DJF 141423	9	W 070047 14-1423 W 090019	86 66	90 69	90 74	119 32	58 49	64 59	69 32	60 54	1.86 67	2.9 88	0.55 63	0.0 74	4.6 54	-5 32	28 81	-8 29	11.7 34	32.5 63	4.1 35	15.7 61	2 34	10 79	10 33	80 80															
DJF 141428		DJF 102306 14-1428 DJF 059906	106 16	91 19	106 24		97 22				0.25 16	3.2 107	0.38 18	4.6 24	11.4 13					-6.1 27	-1.5 106	-5.9 16																			
DJF 141431		DJF 102306 14-1431 DJF 102311	99 21	90 29	110 37		100 27				0.70 21	3.0 101	0.65 21	5.7 86	10.8 18				8.6 5	-3.9 33	-2.8 103	1.3 44	16 5	104 104																	
W 140032	6	ASE 090026 W 1432 W 100053	100 77	89 77	98 75	105 45	72 49	77 64	81 38	74 59	0.68 79	2.6 102	0.46 68	2.2 75	6.2 56	8 45	53 95	-7 36	22.5 41	3.1 59	4.5 39	14.2 63	11 41	20 95	20 39	93 93	-0.06 24	-3.6 94	0.47 20	102 102											
AM 150048	6	AM 110109 AM15048 W 120035	84 74	94 74	104 56	114 30	95 40	92 56	91 36	90 52	2.12 77	4.5 84	0.28 55	3.9 56	4.6 49	0 86	103 33	35 103	7.2 38	2.2 50	-2.2 96	6.8 54	5 39	18 85	18 37	90 90	-0.01 5	-2.0 5	88 88												

Cows

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Cow			Selection Values (SV / Acc)							Calf Weight		Mother		Growth & Efficiency				Fertility				Frame		Carcass																	
ID Name	% Inbreeding	Sire ID Dam ID	Calf Ease	Calf Grwth	Milk	Maint.	Fertility	Cow Value	Grwth Value	Prod. Value	Birth Weight	Wean Weight	Birth Mat.	Milk Wn.Mat.	Postwn Weight	Mature Weight	ADG	Kleiber	Scrotal Circumf.	Heifer Fert.	Cow Fert.	Longevity	Height	Length	Dress%	RMeat Yield	Marb-ling														
Breed average:											0.82	6.6	0.16	2.9	11.2	14	114	32	14.3	-1.3	-3.2	15.0	14	26	0.05	0.1	0.24														
Cow average:											0.81	100	6.3	99	0.16	100	2.8	100	10.7	99	13	99	110	99	31	99	13.8	99	-1.8	101	-3.3	100	13	99	25	99	99	-0.2	99	0.2	100
Shaded EBVi											<75	75 - 125		>125	90-110		>100	>100	>100	90-110	>100	>100	>100	>100	>100	>100	>100	90-110	90-110	>100	>100	>100									
AM 150077	4	SW 100022 AM 110144	101 76	92 75	94 67	98 31	103 50	91 61	83 38	88 56	0.75 78	3.6 101	1.2 62	1.2 101	2.3 50	16 31	73 102	4 32	4 78	18.3 40	-5.5 109	-3.5 106	13.4 38	13.4 101	21 40	29 112	29 39	103 103													
AM 150091	3	SW 100022 AM 150091	99 77	97 77	99 67	92 35	123 52	105 63	88 45	102 59	1.04 79	5.4 97	-0.06 67	2.6 106	2.7 56	21 35	73 108	-5 40	-5 70	19.9 48	-11.9 112	-8.4 63	11.2 114	11.2 41	18 49	30 107	30 47	105 105	-0.03 8	-1.6 96											
AM 150162	3	T 100032 AM 150162	93 76	101 77	93 71	107 34	120 51	109 63	91 39	107 58	1.74 78	7.1 89	-0.56 65	1.0 93	8.3 53	6 34	117 93	36 101	36 104	18.9 42	-5.3 110	-8.7 62	16.7 123	16.7 62	19 43	29 108	29 41	103 103													
AM 150166	5	ASE 090026 AM15166	95 81	107 77	111 72	74 44	79 50	84 65	94 37	83 59	1.24 82	9.3 95	0.12 76	6.1 101	13.7 54	39 105	104 426	9 34	9 82	28.9 39	2.5 131	2.6 63	12.7 96	12.7 63	19 39	35 108	38 35	111 111	0.20 22	-0.1 109	0.59 18										
AM 150177	4	SW 100022 AM 150177	108 77	80 77	90 70	127 33	122 51	108 63	77 42	103 59	0.32 79	-0.8 106	-0.13 65	0.0 108	-3.9 56	-13 33	49 73	-1 37	-1 74	17.2 44	-21.7 106	-6.6 62	10.9 40	10.9 62	10 45	17 93	17 43	88 88	-0.20 13	-3.6 86	-0.53 6										
DJF 157217	1	AM 110046 DJF 127752	114 55	87 58	104 67	113 15	119 48	116 51			0.00 55	1.7 110	-0.81 55	4.0 128	2.8 33	1 85	81 15	24 13	24 88	7.6 17	-14.6 57	-6.9 118	8.3 40	8.3 116	12 17	16 96	16 16	87 87													
DJF 157226		AM 110096 DJF 014948	89 51	109 59	105 70	84 23	108 46	100 51	112 26	102 46	1.39 51	10.0 93	0.95 52	4.2 105	19.1 36	30 115	156 23	46 115	46 25	12.4 26	6.8 96	-6.7 35	13.3 115	13.3 55	18 27	38 108	38 26	114 114	0.30 20	2.4 115	0.93 19										
DJF 157231	6	AM 110046 AM 120027	93 63	99 65	107 71	114 21	101 48	106 55			1.55 64	6.3 91	-0.12 60	4.8 108	8.6 46	-1 21	96 86	30 14	30 99	14.9 20	1.5 101	-3.8 60	19.9 59	19.9 109	12 21	20 97	20 19	92 92													
DJF 157233		AM 110046 DJF 100630	113 54	93 62	112 72	104 14	111 48	115 52			0.11 54	3.9 109	-0.75 53	6.1 127	7.7 40	10 94	104 14	33 97	33 101	9.2 16	-14.2 58	-4.4 39	14.2 58	14.2 99	15 16	21 102	21 15	94 94													
DJF 157243		AM 110096 DJF 137814	100 50	105 55	108 64	87 23	117 46	111 49	110 26	112 44	0.73 50	8.3 101	0.37 50	5.2 104	15.7 34	26 108	144 23	42 113	42 108	10.4 26	-1.5 104	-8.1 104	13.8 56	13.8 101	16 27	35 103	35 26	111 111	0.23 19	1.5 110	0.85 18										
DJF 157244		AM 110096 DJF 081317	100 59	116 61	110 65	76 23	120 46	118 52	119 26	121 47	0.82 59	12.7 100	0.17 61	5.8 100	23.3 45	37 122	185 23	53 124	53 25	16.3 26	-4.0 104	-8.7 104	15.3 56	15.3 101	24 27	47 117	47 26	125 125	0.45 20	4.4 123	1.05 19										
DJF 157248		AM 110096 DJF 091956	110 54	103 58	103 68	82 23	115 46	109 51	114 26	111 46	0.06 54	7.8 109	0.01 55	3.6 104	15.2 42	32 107	164 23	48 118	48 25	13.5 26	-5.1 56	-7.1 105	13.6 37	13.6 117	20 27	40 110	40 26	117 117	0.34 20	2.9 117	0.96 19										
LZ 150039		LZ G39 LZ 120010	98 11	90 11	107 14		77 13				0.67 11	2.7 102	0.88 12	4.7 107	11.3 6						9.3 17	2.0 86	-6.6 18	-6.6 61																	
AM 160037	7	R 110167 AM 1637	111 75	89 62	126 62	101 27	79 45	98 55	99 32	97 50	-0.11 78	2.5 111	0.32 61	10.0 95	5.5 44	12 27	117 99	40 30	40 107	15.7 34	1.8 103	2.6 33	16.3 59	16.3 102	12 34	23 97	23 33	96 96	0.05 16	-0.3 100	-0.11 10										
AM 160047	7	R 110167 AM 160047	95 75	72 75	125 68	123 27	70 45	79 60	82 32	76 54	1.01 78	-3.8 98	0.75 59	9.8 83	5.0 52	-9 27	40 77	22 30	22 92	3.5 35	-3.4 57	6.2 103	16.9 58	16.9 103	-3 35	-1 71		66 66	-0.32 16	-5.6 79	-0.10 10										
AM 160073	6	XY 090035 AM 160073	102 76	95 68	88 72	96 39	68 49	71 61	89 40	70 57	0.78 78	4.7 100	-0.18 66	-0.6 110	4.8 52	17 39	83 104	13 38	13 85	18.9 43	1.2 110	6.1 97	10.1 63	10.1 91	15 44	24 102	24 42	98 98													
AM 160118	10	AM 100112 AM160118	88 76	101 75	85 62	96 37	76 48	71 61	86 42	70 57	1.70 78	7.0 89	0.50 66	-1.3 90	8.0 58	17 37	60 104	-1 40	-1 73	3.3 45	20.1 61	0.6 34	12.3 61	12.3 95	2 45	21 79	21 44	94 94	-0.29 27	-2.4 81	-1.23 22										
AM 160123	15	AM 100112 AM160123	110 76	94 78	72 76	93 30	103 49	85 63	64 41	79 59	-0.06 78	4.4 111	0.36 65	-4.9 94	2.8 58	21 85	16 30	-20 64	-20 58	-3.4 44	-15.2 63	-2.0 35	16.5 61	16.5 103	-8 44	9 61		79 79	-0.47 8	-4.9 71											
AM 160175	6	W 060015 AM160175	90 76	111 77	99 72	117 39	75 50	100 63	78 44	95 59	1.78 78	10.9 89	-0.13 66	2.7 108	11.1 60	-3 100	79 83	3 41	3 77	12.1 46	19.8 61	1.0 38	9.2 60	9.2 89	1 46	25 77	25 45	98 98	-0.01 23	-0.9 97	0.56 19										
AM 160186	15	W 060015 AM160186	109 76	93 77	104 71	100 34	101 48	101 62	59 40	94 58	0.23 78	3.9 107	-0.20 64	4.0 111	3.8 60	13 86	22 34	-30 100	-30 38	6.6 43	-5.2 83	-2.8 105	6.1 61	6.1 84	0 44	20 75	20 42	93 93													

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Cow			Selection Values (SV / Acc)							Calf Weight		Mother		Growth & Efficiency				Fertility				Frame		Carcass																	
ID Name	% Inbreeding	Sire ID Dam ID	Calf Ease	Calf Grwth	Milk	Maint.	Fertility	Cow Value	Grwth Value	Prod. Value	Birth Weight	Wean Weight	Birth Mat.	Milk Wn.Mat.	Postwn Weight	Mature Weight	ADG	Kleiber	Scrotal Circumf.	Heifer Fert.	Cow Fert.	Longevity	Height	Length	Dress%	RMeat Yield	Marb-ling														
Breed average:											0.82	6.6	0.16	2.9	11.2	14	114	32	14.3	-1.3	-3.2	15.0	14	26	0.05	0.1	0.24														
Cow average:											0.81	100	6.3	99	0.16	100	2.8	100	10.7	99	13	99	110	99	31	99	13.8	99	-1.8	101	-3.3	100	13	99	25	99	99	-0.2	99	0.2	100
Shaded EBVi											90-110	>100	>100	>100	>100	90-110	>100	>100	>100	>100	>100	>100	>100	>100	>100	>100	>100	>100	>100	>100	>100	>100	>100	>100	>100	>100	>100	>100	>100	>100	
AM 160187	11	W 060015	117	91	89	112	73	88	63	81	-0.46	3.2	-0.14	-0.2	1.5	2	19	-25	3.9	3.0	4.3	6.3	-2	16	-0.35	-4.8															
AM160187		W 080020	75	75	62	34	42	59	40	55	77	115	75	91	58	82	34	88	43	78	52	94	31	68	58	84	43	72	42	88	7	78	7	72							
AM 160217	14	W 060015	114	97	76	106	98	95	67	89	0.06	5.4	-0.67	-4.0	4.8	8	34	-17	4.5	-4.0	-2.0	3.4	-8	16	-0.19	-3.7															
AM160217		AM 110101	76	76	67	35	50	62	43	58	78	109	76	97	58	88	35	94	45	79	62	104	38	95	62	79	45	61	44	87	10	87	10	78							
DJF 161024	1	AM 110046	92	92	104	111	145	121			1.50	3.7	0.25	3.9	5.9	3	91	26	8.9	-45.5	-9.9	20.5	13	19																	
16-1024		DJF 137830	55	66	76	15	50	55			55	92	55	97	44	90	15	89	17	88	59	159	40	128	56	110	17	99	16	91											
DJF 161025		AM 110046	102	93	109	103	106	105			0.84	4.1	-0.15	5.5	7.8	10	105	33	9.3	-7.6	-3.9	15.1	15	21																	
16-1025		DJF 102319	51	57	66	14	46	51			51	100	57	93	38	94	14	97	16	89	54	108	39	103	56	100	16	102	15	94											
DJF 161029		AM 110046	104	80	85	119	101	88			0.47	-0.9	0.17	-1.3	0.9	-5	45	17	1.0	-4.0	-3.1	18.7	4	4																	
16-1029		DJF 127794	54	65	75	14	48	54			54	104	65	80	48	81	14	81	16	71	58	104	39	100	56	107	16	83	15	73											
DJF 161033	6	AM 110046	99	96	101	116	96	103			1.14	5.1	-0.33	3.2	6.6	-2	89	28	14.0	7.0	-3.3	17.1	11	17																	
16-1033		AM 120027	61	67	74	21	46	61			62	96	67	96	48	92	21	84	20	99	56	89	35	100	57	104	21	95	19	89											
DJF 161034	3	AM 110046	108	79	82	119	95	84			0.32	-1.4	-0.15	-2.1	-2.0	-5	49	16	2.6	-7.6	-0.8	16.2	5	7																	
16-1034		DJF 137827	55	49	51	15	45	55			55	106	49	79	34	76	15	81	17	75	54	108	36	90	57	102	17	85	16	76											
DJF 161048	3	AM 110046	94	91	105	117	106	103			1.37	3.1	0.00	4.2	4.4	-3	78	20	8.6	-7.4	-4.0	10.6	12	17																	
16-1048		DJF 092226	57	56	62	18	46	57			57	93	56	91	38	87	18	83	21	88	55	108	36	104	58	92	21	97	20	88											
DJF 161057		AM 110046	103	92	101	108	106	102			0.69	3.6	-0.06	3.0	8.6	6	88	29	7.0	-9.0	-3.7	8.3	12	16																	
16-1057		DJF 059941	42	44	45	14	34	43			43	102	44	92	31	95	14	92	16	84	39	110	28	102	49	88	16	97	15	87											
DJF 161068	6	XY 090035	110	93	89	117	89	97	87	94	0.17	4.0	-0.11	-0.3	2.3	-3	71	13	17.5	1.4	-0.4	12.4	7	15																	
16-1068		AM 120179	65	67	69	34	50	66			66	108	67	93	53	84	34	83	42	107	60	96	39	88	61	95	43	87	41	87											
DJF 161400	5	AM 110046	105	79	79	129	114	97			0.64	-1.3	-0.25	-3.0	-4.4	-16	31	6	3.5	-9.9	-5.9	16.3	4	4																	
16-1400		DJF 092230	57	63	72	19	47	57			57	102	63	79	49	71	19	71	21	77	57	112	37	111	57	102	21	83	19	72											
GU 161000	7	LB 070046	116	80	91		102				-0.24	-1.0	-0.46	0.2	0.2					-18.8	-1.2	10.9																			
16/1000		LB 050183	42	36	48		33				42	113	36	80	16	80				42	123	24	92	40	93																
GU 161004	9	LB 070046	102	93	116		101				0.83	4.0	-0.29	7.4						-13.7	-1.6	7.6																			
16/1004		LB 100005	40	45	59		32				40	100	45	93	43	113	59	116		41	117	23	93	38	87																
LZ 160057		LZ 100021	101	85	103		71				0.44	1.1	0.95	3.8						18.9	2.3	-9.9																			
LZ H57		LZ 100027	11	9	12		18				11	105	9	85	11	77	12	103		24	73	11	77	26	55																
R 160150	9	R 080040	97	94	98	110	103	99	90	97	1.41	4.3	-0.60	2.2	9.4	3	77	18	12.4	-1.1	-4.0	9.0	8	18																	
R 160150		R 070006	74	74	58	28	36	56	27	50	77	93	74	94	52	97	28	90	29	96	47	100	26	103	56	89	27	89	25	90											
R 160164	3	R 110121	75	93	108	107	112	93	100	93	2.87	3.9	0.25	5.1	13.4	7	87	30	4.3	-9.3	-5.5	9.2	11	18																	
R 160164		R 090228	74	74	60	28	36	56	34	52	77	75	74	93	60	97	60	108	37	78	46	111	25	110	56	90	37	96	36	90											
R 160205	5	H 090001	120	90	85	107	118	110	91	107	-0.84	3.0	0.25	-1.3	5.8	7	88	23	9.8	-12.4	-6.9	14.0	9	22																	
R 160205		R 110030	75	75	62	42	44	60	24	53	77	120	75	90	61	97	62	85	27	90	52	115	35	116	59	98	27	91	26	95											
R 160213	5	R 130166	87	104	100	89	97	89	89	87	1.70	8.2	0.73	2.9	7.0	25	107	27	12.6	-2.5	-2.2	16.8	14	24																	
R 160213		R 130107	74	74	56	33	38	56	24	50	77	90	74	104	55	83	56	100	26	96	50	102	26	96	54	103	26	99	25	97											
R 160252	6	H 090001	91	102	99	101	111	102	88	99	1.73	7.2	-0.09	2.5	11.6	13	83	13	10.8	4.7	-7.2	13.6	7	23																	
R 160252		R 120251	75	75	63	36	44	60	28	54	77	89	75	102	56	101	36	99	31	92	53	92	35	117	59	97	31	88	30	96											
W 160014	7	AM 110109	95	78	81	115	92	71	64	66	1.23	-1.6	0.26	-2.6	-4.5	-1	16	-1	-2.2	9.3	-2.5	8.7	-7	-1																	
W 16 14		W 100033	74	69	73	28	46	59	36	54	76	95	69	78	62	97	73	81	51	71	58	86	35	97	58	89	39	64	37	67											

Cows

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Cow			Selection Values (SV / Acc)							Calf Weight		Mother		Growth & Efficiency				Fertility				Frame		Carcass					
ID Name	% Inbreeding	Sire ID Dam ID	Calf Ease	Calf Grwth	Milk	Maint.	Fertility	Cow Value	Grwth Value	Prod. Value	Birth Weight	Wean Weight	Birth Mat.	Milk Wn.Mat.	Postwn Weight	Mature Weight	ADG	Kleiber	Scrotal Circumf.	Heifer Fert.	Cow Fert.	Longevity	Height	Length	Dress%	RMeat Yield	Marb-ling		
			Breed average: 0.82 6.6 0.16 2.9 11.2 14 114 32 14.3 -1.3 -3.2 15.0 14 26 0.05 0.1 0.24																										
			Cow average: 0.81 100 6.3 99 0.16 100 2.8 100 11.2 99 13 99 110 99 31 99 13.8 99 -1.8 101 -3.3 100 15 99 13 99 25 99 0.99 -0.2 99 0.2 100																										
			Shaded EBVI							90-110 >100		>100 >100		>100 90-110 >100 >100				>100 >100 >100 >100				90-110 90-110		>100 >100 >100					
W 160025	13	AM 080069 W 160025	94 75	107 62	79 66	99 28	67 46	74 56	41 37	64 52	1.23 77	9.3 95	0.37 64	-3.1 94	2.3 50	15 28	3 33	-39 60	33 43	4.1 40	3.6 78	5.9 34	7.5 58	6 41	86 39	12 83			
W 160041	7	AM 110109 W 160041	105 76	86 70	96 75	113 26	109 46	100 60	76 34	95 55	0.39 78	1.3 105	0.18 64	1.6 99	-1.6 56	1 26	62 87	13 31	13 85	1.9 37	-6.7 58	-5.1 35	15.3 108	2 37	13 79	36 83			
AM 170064	5	HBH 140025 AM 170064	71 76	116 73	91 53	124 37	99 44	106 58	103 40	106 54	3.14 78	12.8 73	0.38 63	0.4 94	14.6 56	-10 37	131 76	43 37	109 109	17.2 43	10.2 57	-4.6 31	21.6 106	7 43	24 89	98 98	0.20 26	0.6 109	1.48 22
AM 170082	6	AM 110109 H 020052	89 77	97 76	110 67	95 35	110 48	99 62	95 42	98 58	1.70 79	5.5 90	0.21 66	5.7 67	6.6 59	19 35	101 105	25 39	95 95	8.6 45	12.8 61	-8.3 35	12.1 121	7 45	22 87	44 95	0.15 18	-1.2 106	0.86 13
AM 170086	3	SW 100022 AM 170086	106 78	97 78	103 72	101 32	115 50	112 64	85 41	108 59	0.42 80	5.6 105	-0.11 69	3.7 103	2.6 60	13 32	83 99	0 36	74 74	18.1 43	-13.1 63	-5.9 38	15.3 111	14 44	33 101	109 109	-0.10 13	-1.0 92	-0.53 7
AM 170118	31	W 120038 W 170118	110 76	65 67	73 70	120 22	105 36	74 56				0.14 78	-6.6 108	-0.17 62	-4.6 70	-12.5 50	-7 22	80 80		5.9 54		-5.7 17	14.5 110						
AM 170127		W 120038 AM 170127	86 55	95 47	106 40	107 22	114 29			103 21	1.90 55	4.8 87	0.33 52	4.4 106	7.4 40	7 22	119 93	40 107	8.7 23	-13.9 37	-5.4 21	18.1 106	17 23	25 106	22 98				
AM 170143	6	HBH 140025 AM 170143	94 76	100 77	88 70	85 33	105 44	85 61	98 39	86 57	1.34 78	6.8 94	0.12 63	-0.5 88	13.5 58	29 104	93 33	25 92	12.2 43	3.8 58	-5.3 31	21.9 109	9 42	21 91	93 93	0.17 27	-1.6 107	1.59 23	
AM 170246	5	ASE 090026 W 170246	84 76	99 78	111 75	110 37	89 49	94 64	83 35	91 58	2.13 78	6.3 84	0.24 64	5.9 111	11.1 57	4 100	73 33	10 82	20.4 38	-8.3 62	1.3 36	13.8 98	9 38	18 92	89 89	-0.05 14	-3.0 82	0.56 9	
AV 170027	4	AV 130005 ANIVAI 17-0027AV	85 39	92 46	112 60	101 40					1.75 39	3.6 89	0.88 42	6.1 112	8.4 33	95 95			0.4 13		-3.7 26	10.0 102							
AV 170116	3	AV 130005 ANIVAI 17-0116AV	94 40	97 47	122 60	88 36					1.27 40	5.7 95	0.30 43	8.9 122	11.7 23	101 101			-1.8 52		0.5 19	10.2 91							
DJF 171327		AM 110046 DJF 171327	92 51	91 57	100 66	105 14	97 46	87 49				1.33 51	3.1 94	0.64 49	2.8 66	8.5 35	9 14	83 13	24 13	7.7 16	-22.4 56	1.1 36	14.9 55	10 16	15 93	86 86			
DJF 171331	4	DJF 137836 AM 120027	117 59	85 60	86 70	111 17	103 44	97 52				-0.27 59	0.9 113	0 60	85 85	-0.50 36	-1.0 17	101 13	38 13	12.6 18	-11.3 57	-2.7 31	17.3 53	10 18	18 94	16 90			
DJF 171335		ASE 130009 DJF 102319	98 45	91 59	89 69	100 20	114 44	93 49	98 22	92 44	0.89 45	3.1 99	0.50 48	-0.3 69	9.4 44	13 20	100 21	32 21	8.8 23	-10.0 56	-6.0 33	16.9 52	11 23	19 95	22 91	-0.09 14	-1.4 91	-0.19 12	
DJF 171354		DJF 133750 DJF 081317	129 44	76 55	86 68	115 43					-1.33 44	-2.3 126	-0.41 47	-0.9 68	3.0 24	85 85			5.5 5		-14.0 53	-5.7 33	11.5 52	12 5	97 97				
DJF 171372		DJF 133750 DJF 059910	115 50	86 34	107 41	113 40					-0.28 49	1.2 113	-0.10 54	4.8 41	7.3 21	93 93			8.2 5		-8.9 50	-5.8 30	16.9 51	16 5	103 104				
DJF 171373		AM 110046 DJF 064023	101 51	92 55	105 64	108 14	109 44	104 48				0.86 51	3.6 100	-0.01 49	4.2 64	7.7 42	6 14	90 13	29 13	7.2 16	-14.2 55	-3.8 34	13.9 52	12 16	16 97	18 88			
AM 190024	7	H 050089 H 060082	99 77	93 67	81 70	115 48	94 50	88 61	91 48	87 58	1.03 78	4.0 98	-0.02 69	-2.5 70	8.8 56	-1 48	74 85	20 46	4.3 49	2.8 56	-2.1 43	12.5 61	-1 49	16 74	16 49	87 87	-0.07 36	-2.8 36	1.28 34
DJF 194796		VZ 100016 ADM 050042	111 52	102 69	116 57	97 25	125 40	129 50	103 28	127 46	0.03 52	7.3 110	0.01 54	7.5 57	14.9 46	16 25	130 103	27 26	21.8 30	-29.5 53	-6.2 28	10.1 48	24 30	37 118	29 113				
DJF 194800	4	AM 150045 DJF 161024	90 55	94 73	92 66	109 15	138 41	111 53				1.59 55	4.4 91	0.39 52	0.5 66	2.9 62	5 15	106 14	31 14	9.5 19	-37.2 56	-9.1 26	20.2 50	12 19	23 96	18 96			

Cows

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Cow			Selection Values (SV / Acc)							Calf Weight		Mother		Growth & Efficiency				Fertility				Frame		Carcass																	
ID Name	% Inbreeding	Sire ID Dam ID	Calf Ease	Calf Grwth	Milk	Maint.	Fertility	Cow Value	Grwth Value	Prod. Value	Birth Weight	Wean Weight	Birth Mat.	Milk Wn.Mat.	Postwn Weight	Mature Weight	ADG	Kleiber	Scrotal Circumf.	Heifer Fert.	Cow Fert.	Longevity	Height	Length	Dress%	RMeat Yield	Marb-ling														
Breed average:											0.82	6.6	0.16	2.9	11.2	14	114	32	14.3	-1.3	-3.2	15.0	14	26	0.05	0.1	0.24														
Cow average:											0.81	100	6.3	99	0.16	100	2.8	100	10.7	99	13	99	110	99	31	99	13.8	99	-1.8	101	-3.3	100	13	99	25	99	99	-0.2	99	0.2	100
Shaded EBVi											90-110	>100	>100	>100	>100	90-110	>100	>100	>100	>100	>100	>100	>100	90-110	90-110	>100	>100	>100													
DJF 194801		VZ 100073 DKH 110039	110 51	81 66	95 47	113 25	101 26	93 44	91 28	91 41	-0.24 51	-0.7 66	0.76 54	1.4 82	4.7 58	1 25	69 87	16 27	88	14.4 29	-19.3 100	-0.6 33	11.3 124	10 29	15 93	-0.26 22	-3.2 83	-1.13 20	87												
DJF 194802		VZ 100073	87 38	100 40	107 47						1.57 37	6.6 91	1.00 42	4.7 47	15.7 22								18.3 29																		
DJF 194809	3	AM 150095 DJF 157244	116 55	96 70	110 58	93 16	103 37	109 50	100 20	108 44	-0.32 55	5.2 114	-0.22 54	5.6 111	9.1 58	21 16	123 107	28 17	97	16.5 22	5.7 54	-5.1 20	19.4 108	19 22	35 110																
DJF 194810		VZ 100073 DJF 110639	93 40	100 66	114 54		93 20				1.15 39	6.7 96	0.68 44	6.8 85	16.7 54						3.1 25	-1.6 93	12.8 44																		
DJF 194811	4	AM 150095 GH 120043	120 59	75 72	88 61	122 26	87 38	87 53	80 24	84 47	-0.62 60	-2.8 117	-0.27 56	-0.5 113	-7.1 62	-8 26	42 78	7 21	80	6.2 26	6.9 82	-0.4 54	18.1 89	11 27	11 94																
DJF 194813	6	AM 150045 DJF 161400	111 55	77 72	78 58	123 16	101 38	88 51			0.11 56	-2.1 109	-0.24 52	-3.2 112	-8.5 62	-9 16	57 77	17 12	88	4.1 18	-1.4 78	-3.6 55	16.7 100	4 18	9 82																
DJF 194819		LZ 120009 DJF 127764	67 42	124 66	127 53	84 6	100 34	107 44			3.19 41	15.8 72	1.02 45	10.5 75	27.0 54	30 129	6 116			20.3 6	6.6 113	-4.3 17	10.9 93	27 6	46 123																
DJF 194823		VZ 100073 DJF 127794	89 41	93 66	92 53		96 24				1.27 40	3.9 95	1.35 44	0.6 65	14.7 54					5.7 5	-4.5 81	-1.5 29	15.4 104	12 5																	
DJF 194827	1	AM 110061 DJF 141434	67 56	113 72	96 62	102 25	110 42	97 53	106 20	98 46	3.31 56	11.5 70	1.46 54	1.7 62	21.4 62	12 119	152 98	48 18	114	18.9 21	14.5 110	-8.6 59	11.9 79	20 22	33 111																
DJF 194839		VZ 100073 DJF 091956	84 43	99 67	105 55		100 22				1.69 42	6.2 90	1.37 47	4.4 65	15.7 55						-8.5 28	-2.2 110	13.2 97																		
DJF 194840	3	AM 150045 DJF 161029	116 54	66 72	84 59	123 15	95 38	81 51			-0.43 55	-6.1 115	0.06 51	-1.6 103	-8.5 61	-10 15	45 77	17 15	88	0.3 19	-1.3 70	-1.8 55	17.4 100	0 19	4 76																
DJF 194843	3	AM 150095 DJF 157248	126 54	90 69	86 58	97 16	102 37	100 50	96 20	99 44	-1.04 54	3.0 122	-0.52 52	-0.9 120	2.6 58	17 84	107 16	24 103	17 98	94	14.4 22	2.2 100	-4.4 54	17.1 95	17 22	30 105															
DJF 194848		AM 110061 DJF 141427	100 57	92 71	71 62	109 26	95 43	81 54			0.73 57	3.7 101	0.41 56	-5.3 93	8.9 60	5 96	114 26	43 91	18 100	12.3 21	17.4 96	-4.6 28	12.6 106	12 21	20 98																
DJF 194855	4	AM 110061 SW 110088	83 65	113 74	76 65	110 34	101 43	96 57	104 24	97 50	2.12 66	11.5 85	0.36 62	-3.8 94	16.6 64	4 110	136 34	40 90	21 108	107	17.9 26	11.8 108	-5.4 60	16.0 82	20 27	33 110															
DJF 194857	4	AM 110061 W 140029	89 63	115 74	78 64	120 25	101 42	108 56	93 21	106 49	1.73 64	12.3 89	0.16 58	-3.4 100	14.9 62	-6 107	106 25	24 80	19 97	94	16.8 24	16.2 105	-6.1 57	16.5 77	12 24	27 97															
DJF 194863	5	AM 150095 DJF 157223	112 54	94 70	95 57	110 15	90 37	99 50			0.07 55	4.5 109	-0.30 51	1.6 113	3.4 58	4 86	90 15	10 91	18 89	16.1 18	7.8 104	-1.5 54	16.1 88	17 18	26 105																
DJF 194864	5	AM 110061 DKH 140214	101 64	96 72	87 56	112 32	100 42	97 55	93 24	96 49	0.84 65	5.0 100	-0.07 60	-0.8 107	6.7 64	1 92	109 32	33 88	21 98	101	13.1 27	16.6 97	-6.0 59	9.7 76	11 27	24 94															
DJF 194867	7	AM 150095 DJF 157231	109 56	92 70	94 59	112 16	96 37	99 50			0.29 56	3.5 106	-0.26 53	1.2 112	2.7 58	2 84	80 16	16 88	9 87	88	15.9 18	5.2 104	-3.0 54	19.7 91	14 18	22 100															
DJF 194872		AM 110061 DJF 100630	94 58	107 70	73 62	99 26	105 44	93 54			1.30 58	9.4 94	0.28 56	-4.7 73	15.5 59	14 108	149 26	51 113	18 116	17.1 21	5.2 106	-5.7 59	10.8 91	19 21	31 109																
DJF 194874	5	AM 110061 DJF 141423	90 62	93 72	73 63	119 26	77 42	72 55	81 21	70 48	1.60 62	4.1 91	0.36 59	-4.8 94	3.5 60	-6 86	72 26	17 85	19 88	15.0 24	29.3 101	-1.0 59	14.5 99	7 24	16 88																

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Breeding values with an accuracy < 5% are not printed

Cow			Selection Values (SV / Acc)							Calf Weight		Mother		Growth & Efficiency				Fertility				Frame		Carcass																	
ID Name	% Inbreeding	Sire ID Dam ID	Calf Ease	Calf Grwth	Milk	Maint.	Fertility	Cow Value	Grwth Value	Prod. Value	Birth Weight	Wean Weight	Birth Mat.	Milk Wn.Mat.	Postwn Weight	Mature Weight	ADG	Kleiber	Scrotal Circumf.	Heifer Fert.	Cow Fert.	Longevity	Height	Length	Dress%	RMeat Yield	Marb-ling														
Breed average:											0.82	6.6	0.16	2.9	11.2	14	114	32	14.3	-1.3	-3.2	15.0	14	26	0.05	0.1	0.24														
Cow average:											0.81	100	6.3	99	0.16	100	2.8	100	10.7	99	13	99	110	99	31	99	13.8	99	-1.8	101	-3.3	100	13	99	25	99	99	-0.2	99	0.2	100
<75				75 - 125		>125		Shaded EBVi			90-110		>100		>100		>100		>100		>100		>100		90-110		90-110		>100		>100		>100								
DJF 194877	5	AM 110061	19-4877	W	100047	105	96	71	112	89	85	68	80	0.53	5.1	-0.11	-5.4	1.3	2	51	1	8.8	12.9	-2.1	12.7	7	13														
						65	73	65	26	43	56	22	49	66	104	73	96	61	82	26	88	60	81	26	95	55	96	26	87	24	84										
DJF 194889		AM 110061	19-4889	DJF	059910	87	121	97	90	104	107			2.02	14.6	-0.05	2.1	21.2	23	184	59	21.7	13.9	-6.6	17.0	25	41														
						56	70	61	26	34	51			56	86	70	121	58	118	26	110	18	125	18	122	21	116	44	80	25	114	53	104								
DJF 194892	5	AM 150045	19-4892	DJF	171331	106	83	90	114	100	91			0.33	0.3	0.09	0.0	0.4	0	94	33	9.0	-6.4	-2.4	15.3	7	17														
						56	69	47	16	37	48			56	106	69	83	50	80	16	86	13	93	13	101	18	88	55	107	19	96	47	101								
DJF 209394	3	AM 140143	20-9394	DJF	161024	91	106	112	93	154	136	98	133	1.67	8.7	-0.03	6.3	12.3	20	115	31	11.6	-50.1	-13.6	19.8	18	28	-0.05	-0.5												
						55	71	55	18	41	51	22	45	55	90	71	106	52	102	18	107	21	100	21	99	24	94	57	165	25	144	49	109								
DJF 216275	2	DJF 180834	21-6275	DJF	171335	102	102	97		112				0.71	7.2	0.14	2.1	15.1					-5.5	-6.1	18.7																
						31	68	40		25				31	101	68	102	28	101	40	97		33	106	17	112	39	107													
DJF 216277	2	DJF 180834	21-6277	DJF	181317	103	109	98	89	110	109			0.71	9.8	-0.10	2.4	15.7	25	134	36	11.9	-2.2	-6.0	17.5	16	33														
						36	68	39	14	24	39			37	101	68	109	58	108	14	111	15	107	15	104	17	95	31	101	16	112	40	105								
DJF 216279	1	DJF 180834	21-6279	DJF	181320	109	107	104	84	116	114			0.37	9.1	-0.42	4.1	13.3	30	155	47	13.4	-3.2	-7.6	17.0	21	36														
						34	68	38	8	24	38			35	105	68	107	31	117	38	104	57	104	8	116	8	115	8	112	10	98	31	103	16	119	39	104				
DJF 216280		DJF 180820	21-6280			101	107	106	86	89	96			0.87	9.4	-0.11	4.5	12.4	28			16.5	12.7	-1.9	4.9	17	31														
						24	64	33	5	20	33			24	100	64	107	54	102	5	114	5	105	27	81	14	94	32	82	5	106	5	106								
DJF 216286		DJF 181376	21-6286			95	110	101	83	95	94			1.19	10.2	0.34	3.1	15.8	31	103	19	11.5	4.1	-2.4	3.2	13	25														
						29	65	32	11	22	35			29	96	65	110	56	108	11	117	12	96	12	89	15	94	29	93	15	97	34	79								
DJF 216290	3	AM 160182	21-6290	AV	170056	104	86	87	96	97	80			0.70	1.5	-0.25	-0.8	-0.3	18	77	18	11.2	3.6	-3.1	11.2	11	18														
						38	69	43	15	26	41			39	101	69	86	59	79	15	104	10	86	10	89	15	93	35	93	17	99	42	93								
DJF 216291	3	AM 140143	21-6291	AV	140002	106	100	112	87	114	111	104	111	0.58	6.7	-0.38	6.2	8.0	27	123	32	13.5	-2.2	-7.4	10.4	19	31	0.10	0.3												
						45	69	50	17	31	45	21	40	46	103	69	100	60	94	17	113	20	103	20	100	23	98	39	101	23	118	45	92								
DJF 216295	5	AM 150045	21-6295	AM	150162	99	92	92	113	109	99	88	97	1.11	3.5	-0.20	0.5	1.7	1	98	31	11.7	-4.4	-5.5	14.6	11	22														
						54	73	47	20	32	56	97	92	56	97	73	92	62	82	20	87	20	94	20	100	26	94	44	104	21	110	49	99								
DJF 216296	5	AM 140143	21-6296	DJF	161033	102	98	112	99	113	112	94	110	0.92	5.8	-0.41	6.1	7.2	15	103	29	12.7	-1.6	-7.0	16.2	15	24														
						51	72	54	19	35	49	22	44	52	99	72	98	61	93	19	101	19	96	19	98	24	97	45	100	25	116	49	102								
DJF 216306	6	AM 170012	21-6306	DKH	140214	92	107	102	99	97	101	94	100	1.53	9.4	0.06	3.5	14.3	14	107	27	10.5	8.9	-3.7	11.8	10	26														
						54	72	48	26	31	48	24	43	55	92	72	107	64	106	26	101	22	98	22	97	27	92	42	86	20	102	47	94								
DJF 216308	1	DJF 180834	21-6308	DJF	181348	100	107	104	90	121	115			0.93	9.4	-0.10	3.9	14.8	24	142	41	13.2	-5.7	-8.8	16.9	20	34														
						36	68	40	11	24	39			37	99	68	107	58	107	11	110	12	110	12	107	14	98	31	106	18	124	41	103								
DJF 216309	6	AM 150045	21-6309	AM	150086	93	97	81	112	106	93	83	90	1.41	5.3	0.12	-2.6	5.7	2	81	24	10.1	-5.5	-4.4	14.8	8	17														
						54	73	49	20	32	56	93	97	43	101	49	81	63	90	20	88	20	88	20	94	25	91	44	106	21	105	49	100								
DJF 216316	3	AM 140143	21-6316	DJF	161029	102	94	104	99	116	105	91	103	0.83	4.3	-0.12	4.0	8.2	15	85	24	6.7	-6.9	-7.0	17.0	12	19	-0.19	-2.5	-0.70											
						49	72	55	18	36	49	22	44	50	100	72	94	62	94	18	101	21	89	21	94	24	84	47	107	25	116	49	104								
DJF 216317	3	AM 160182	21-6317	DJF	171373	108	76	100	105	94	83			0.35	-2.2	-0.26	2.9	-3.0	9	64	18	7.5	-2.9	-1.3	14.5	10	13														
						45	69	44	18	29	44			46	106	69	76	58	74	18	95	16	82	16	89	19	85	37	102	21	92	44	99								
DJF 216320	4	AM 160182	21-6320	AV	170027	93	93	99	95	91	81			1.47	3.8	0.07	2.7	2.4	18	95	22	13.4	7.3	-1.8	12.7	15	25														
						42	69	43	15	28	43			43	92	69	93	58	84	15	105	12	93	12	92	16	98	37	89	19	94	42	96								
DJF 216321	6	AM 160233	21-6321	AM	170118	102	85	96	105	110	93			0.77	1.0	-0.14	1.6	-1.2	9			11.9	-4.5	-5.6	14.4	7	14														
						53	71	45	16	24	45			55	101	71	85	60	77	16	95	15	95	36	104	11	110	43	99	16	87	12	84								

Cows

Cow			Selection Values (SV / Acc)								Calf Weight		Mother		Growth & Efficiency				Fertility				Frame		Carcass				
			Calf Ease	Calf Grwth	Milk	Maint.	Fertility	Cow Value	Grwth Value	Prod. Value	Birth Weight	Wean Weight	Birth Mat.	Milk Wn.Mat.	Postwn Weight	Mature Weight	ADG	Kleiber	Scrotal Circumf.	Heifer Fert.	Cow Fert.	Longevity	Height	Length	Dress%	RMeat Yield	Marb-ling		
			Breed average: Cow average:								0.82 0.81	6.6 100	6.3 99	0.16 0.16	2.9 100	2.8 100	11.2 10.7	14 13	114 99	32 31	14.3 13.8	-1.3 -1.8	-3.2 -3.3	15.0 100	14 13	26 99	0.05 99	0.1 -0.2	0.24 100
			<75		75 - 125		>125		Shaded EBVi		90-110	>100	>100	>100	90-110	>100	>100	>100	>100	>100	>100	>100	90-110	90-110	>100	>100	>100		
DJF 21-6323	4	AM 160182 DJF 180823	115 45	77 69	87 44	100 18	102 28	82 44	89 20	81 39	-0.06 46	-2.2 111 69 77	-0.64 39 123	-0.7 44 87	-4.7 59 71	14 18 100	70 18 84	19 18 90	7.4 21 85	-3.2 37 103	-3.5 20 101	14.8 44 100	10 21 94	16 20 87					
DJF 21-6324	5	AM 140143 DJF 161400	106 50	85 71	102 53	107 19	122 36	107 49	85 22	103 44	0.52 51	1.0 104 71 85	-0.30 45 113	3.3 53 102	0.4 61 80	7 19 93	65 20 82	16 20 88	6.3 24 83	-10.8 46 113	-8.2 25 121	15.9 49 102	10 24 93	15 23 86					
DJF 21-6330	6	AM 160233 AM 170246	95 53	87 72	117 47	104 21	101 30	97 47	80 24	93 42	1.16 55	1.8 96 72 87	0.27 43 97	7.8 47 117	4.9 50 88	9 21 96	57 20 79	-2 20 73	19.8 26 112	-13.2 39 116	-1.8 21 94	14.0 45 98	11 26 94	20 25 92					
DJF 21-6332	4	AM 160182 DJF 171329	112 44	68 69	93 44	110 18	107 30	85 44			0.03 45	-5.2 110 69 68	-0.26 37 112	1.0 44 93	-9.6 48 62	4 18 90	48 15 76	12 15 84	6.1 19 82	-13.2 38 116	-3.5 22 101	14.6 46 99	7 19 89	9 18 79					
DJF 21-6333	3	AM 160182 DJF 180835	110 43	85 69	93 44	95 18	94 28	83 43	93 20	82 38	0.26 44	1.2 107 69 85	-0.32 35 114	0.9 44 93	0.1 48 80	18 18 105	96 18 93	26 18 95	13.1 21 97	-0.5 37 99	-1.3 19 92	13.6 44 98	13 21 99	23 20 95					
DJF 21-6334	5	AM 150045 AM 160229	114 54	79 73	90 48	113 20	109 32	96 48	83 25	93 43	-0.21 56	-1.4 112 73 79	-0.03 43 106	0.0 48 90	-4.3 54 71	0 20 87	53 21 78	8 21 81	5.6 27 81	-11.4 44 113	-4.3 21 105	11.1 49 93	8 28 90	15 26 86					
DJF 21-6337	2	AM 140143 DJF 161025	100 48	103 70	114 51	89 18	118 36	113 47	101 23	113 42	1.05 49	7.7 97 70 103	-0.31 44 114	6.7 51 114	9.4 50 97	25 18 111	125 21 104	35 21 103	12.2 24 95	-7.7 45 109	-7.6 26 119	15.4 49 101	19 24 109	30 24 105	0.01 12 98	0.1 12 100	-0.52 9 93		
DJF 21-6338	5	AM 160182 DJF 171344	109 43	75 69	88 41	104 18	85 28	71 43			0.26 44	-2.7 107 69 75	-0.27 35 112	-0.4 41 88	-7.0 48 67	10 18 96	53 15 78	12 15 84	7.5 20 85	3.4 37 94	0.5 19 84	13.2 45 97	9 20 91	13 18 84					
DJF 21-6341	2	AM 140143 DJF 157243	96 48	114 70	112 51	78 22	124 36	119 48	113 25	120 43	1.29 49	12.0 94 70 114	-0.08 44 107	6.4 51 112	16.7 49 110	36 22 122	153 24 114	41 24 108	13.9 26 99	-3.9 45 103	-9.9 26 128	14.8 48 100	21 27 113	40 26 116	0.20 16 109	2.4 16 113	0.14 13 99		
DJF 21-6342		AM 140143 DJF 079961	100 42	96 69	113 50	83 22	110 36	99 46	105 23	100 41	0.79 43	5.1 100 69 96	0.34 38 95	6.6 50 113	9.9 48 98	31 22 117	125 22 104	36 22 104	11.7 24 94	-14.3 46 117	-4.3 27 105	12.6 50 96	17 24 105	27 24 101	0.15 17 106	0.4 17 101	-0.75 16 91		
DJF 21-6344	2	AM 140143 DJF 161402	80 46	128 70	126 52	74 18	122 34	126 47	117 23	127 42	2.60 47	17.2 79 70 128	-0.18 40 110	10.2 52 126	20.8 50 118	40 18 127	186 21 126	49 21 114	20.4 24 113	-5.3 44 105	-9.3 25 126	13.8 49 98	30 24 128	49 24 128	0.31 12 115	4.3 12 124	-0.28 9 95		
DJF 21-6345	3	AM 140143 DJF 157220	96 47	106 70	112 50	93 18	127 35	120 47	101 22	118 42	1.40 48	8.8 93 70 106	-0.29 41 113	6.1 50 112	10.3 49 98	21 18 107	124 21 104	35 21 102	12.2 24 95	-11.5 45 114	-9.6 25 127	13.9 49 98	20 24 111	31 23 105	-0.07 8 93	0.1 8 100			
DJF 21-6347	8	AM 150045 DKH 110039	116 55	81 73	83 52	121 26	102 33	97 50	84 30	94 46	-0.51 56	-0.6 116 73 81	0.14 50 101	-1.8 52 83	-2.5 56 75	-8 26 79	56 28 79	8 28 81	13.8 33 99	-16.8 45 121	-1.5 21 93	11.9 50 95	5 33 84	15 32 86	-0.24 7 84	-4.0 7 76			
DJF 21-6348	6	AM 170012 AM 160073	89 53	102 71	100 47	97 22	77 32	80 47	90 25	79 43	1.70 55	7.3 90 71 102	0.36 44 94	2.9 47 100	14.3 50 106	17 22 103	89 23 91	19 23 90	14.7 27 101	6.1 41 90	2.5 22 76	12.8 48 96	12 28 96	22 26 95					
DJF 21-6352	19	AM 150045 W 160041	93 54	101 72	93 46		104 24				1.36 56	7.0 94 72 101	0.20 41 99	0.9 46 93	10.0 52 98					-3.3 39 103	-4.1 8 104	14.1 44 98							
DJF 21-6354	6	AM 150045 XY 100042	107 57	76 73	92 50	125 27	87 34	84 50	82 30	81 46	0.23 58	-2.6 107 73 76	0.31 50 95	0.7 50 92	-5.6 58 69	-12 27 75	57 27 79	18 27 89	4.8 32 79	-7.6 45 108	1.7 22 79	10.3 51 92	3 32 81	9 31 78	-0.18 6 87	-4.6 6 73			
DJF 21-6357	2	AM 140143 DJF 141434	94 45	96 71	117 53	92 21	130 36	114 48	103 23	113 43	1.20 46	4.9 95 71 96	0.39 40 93	7.8 53 117	7.9 50 94	22 21 108	120 22 102	35 22 103	11.1 25 93	-11.0 48 113	-10.7 25 132	11.3 50 93	18 25 107	28 24 102	-0.04 16 95	-0.1 16 99	-0.53 13 93		
DJF 21-6359	8	AM 150045 W 140032	105 54	79 73	95 49	114 23	85 31	80 48	81 21	78 43	0.31 56	-1.3 106 73 79	0.43 46 92	1.4 49 95	-2.6 53 75	0 23 86	56 18 79	7 18 80	12.1 24 95	-0.8 42 99	1.3 20 81	13.7 49 98	5 24 84	14 22 85					
DJF 21-6362	3	AM 160182 DJF 180832	105 45	89 70	88 47	98 18	99 29	85 45			0.70 46	2.5 102 70 89	-0.44 39 118	-0.6 47 88	1.0 48 81	16 18 102	88 17 91	24 17 93	12.3 21 96	-0.5 37 99	-3.0 21 99	15.5 44 101	14 21 99	21 20 94					
DJF 21-6364	3	AM 150045 DJF 181370	95 45	100 69	103 43	97 16	107 30	101 44	102 20	101 39	1.25 46	6.7 95 69 100	0.19 37 99	3.7 43 103	8.0 50 94	17 16 103	126 17 104	38 17 105	10.3 21 91	-4.7 42 105	-4.8 17 107	13.8 46 98	14 21 101	29 20 103					

Cows

Inbreeding in red is high

EBV
Acc Index

Breeding values with an accuracy < 5% are not printed

Cow			Selection Values (SV / Acc)								Calf Weight		Mother		Growth & Efficiency				Fertility				Frame		Carcass																
ID Name	% Inbreeding	Sire ID Dam ID	Calf Ease	Calf Grwth	Milk	Maint.	Fertility	Cow Value	Grwth Value	Prod. Value	Birth Weight	Wean Weight	Birth Mat.	Milk Wn.Mat.	Postwn Weight	Mature Weight	ADG	Kleiber	Scrotal Circumf.	Heifer Fert.	Cow Fert.	Longevity	Height	Length	Dress%	RMeat Yield	Marb-ling														
Breed average:											0.82	6.6	0.16	2.9	11.2	14	114	32	14.3	-1.3	-3.2	15.0	14	26	0.05	0.1	0.24														
Cow average:											0.81	100	6.3	99	0.16	100	2.8	100	10.7	99	13	99	110	99	31	99	13.8	99	-1.8	101	-3.3	100	13	99	25	99	99	-0.2	99	0.2	100
Shaded EBVi											>90-110		>100		>100		>100		>100		>100		>100		>100		>90-110		>90-110		>100		>100		>100						
DJF 216368	7	AM 140143	104	101	104	97	110	110	98	109	0.68	7.1	-0.28	4.1	7.1	17	103	103	24	15.7	-3.8	-5.7	13.8	14	26																
21-6368		DJF 161068	52	71	53	22	36	49	28	45	53	102	47	113	53	104	25	96	25	30	103	46	103	25	111	30	101	29	99												
DJF 216383		AM 140143	104	96	112	85	115	105	108	106	0.55	5.2	0.02	6.4	7.5	29	135	42	11.6	-8.0	-6.6	11.7	20	30	0.04	0.8	-0.31														
21-6383		DJF 141420	44	68	47	22	36	46	23	41	45	103	40	104	47	112	22	108	22	24	94	45	109	26	115	24	110	24	105	17	99	17	104	16	95						
DJF 216384	5	AM 160233	111	78	107	103	108	97			0.03	-1.5	-0.08	4.9	0.3	10	54	1	14.2	-18.6	-3.0	12.9	10	19																	
21-6384		GU 161000	43	67	38	13	24	40			44	110	37	107	44	80	13	97	17	100	32	123	17	99	10	94	15	91													
DJF 216385	8	AM 150045	108	85	81	106	100	86	74	81	0.09	1.0	0.36	-2.5	-3.2	7	44	2	-0.1	-9.7	-2.0	14.4	-4	11																	
21-6385		AM 160123	54	73	50	19	32	48	23	43	56	109	73	85	45	94	20	74	26	69	45	111	19	95	26	70	25	81													
DJF 216386	2	AM 140143	100	98	114	85	119	107	106	108	0.76	5.7	0.32	6.9	10.1	29	127	36	10.6	-2.5	-8.6	14.6	17	31	0.07	0.5	0.04														
21-6386		DJF 157226	49	71	53	22	36	49	25	44	50	101	44	95	49	98	22	115	27	92	46	102	26	123	27	105	26	106	16	102	16	102	14	98							
DJF 216389	8	AM 150045	105	89	98	109	99	96	73	91	0.48	2.3	0.07	2.2	1.8	5	54	-1	5.9	-4.2	-2.5	9.9	2	18																	
21-6389		AM 160186	54	73	47	21	32	48	23	43	56	104	44	103	54	83	20	78	26	82	43	104	20	97	26	79	24	90													
DJF 216392		DJF 137827	114	85	80	97	88	76			-0.48	1.0	0.56	-2.7	5.4	17	86	28	6.4	4.8	-0.4	3.5	7	12																	
21-6392DJF			61	64	32	8	24	42			67	116	64	85	29	88	32	80	9	83	28	92	19	88	9	88	9	83													
DJF 216393		AM 170086	111	93	103	93	93	93	89	91	-0.19	3.8	0.37	3.7	9.1	21	90	14	13.9	3.7	-1.7	3.9	10	23	0.20	-1.1															
21-6393DJF			65	66	36	16	26	45	21	40	70	112	35	94	40	96	16	107	22	99	31	93	20	94	22	94	21	97	6	109	6	93									
DJF 216398		AM 120147	104	99	109	90	93	97	99	97	0.30	6.4	0.56	5.3	14.5	24	115	27	13.1	9.2	-2.7	4.6	8	24	0.32	0.0	-0.80														
21-6398DJF			65	67	40	26	26	46	20	41	70	106	39	88	39	106	26	110	21	97	32	86	20	98	21	91	21	98	12	116	12	99	11	90							
DJF 216667	2	AM 110046	121	88	95	110	106	107	83	103	-0.60	1.9	-0.51	1.5	2.7	4	70	21	5.5	-11.8	-3.3	13.1	12	24																	
21-6667DJF		CR 150048	67	67	49	18	31	49	22	44	71	117	67	88	36	84	18	90	23	81	38	114	24	101	23	97	22	85													
DJF 219484	8	AM 150045	100	98	101	98	106	101			0.92	6.0	-0.02	3.1	3.6	16	115	29	10.9	-1.8	-5.0	11.2	14	29																	
21-9484		DJF 181368	48	67	43	17	28	43			49	99	39	105	50	86	17	102	21	93	42	101	15	108	21	101	20	104													
DJF 219485	1	AM 140143	91	112	114	80	104	103	114	106	1.63	11.1	0.13	6.9	17.8	34	155	45	14.0	1.7	-4.7	10.3	23	38	0.13	2.3	-0.26														
21-9485		DJF 141414	44	65	47	21	36	45	23	41	45	90	39	101	48	112	21	120	24	99	45	96	27	106	25	116	24	114	17	105	17	112	15	95							
DJF 219486	4	AM 140143	111	79	108	108	126	110	87	107	0.06	-1.2	-0.20	5.2	-2.4	6	68	11	12.3	-17.7	-8.3	13.8	11	19	-0.21	-2.9															
21-9486		AM 150177	56	70	53	22	36	50	30	46	58	109	48	110	53	75	22	92	31	96	47	122	25	122	31	96	30	91	10	85	10	83									
DJF 219487	8	W 150014	99	83	99	111	86	81	72	77	0.88	0.2	0.18	2.5	-1.5	2	44	-2	9.5	-0.7	1.1	13.8	3	11																	
21-9487		W 150022	51	65	40	18	25	42	20	38	53	99	39	99	46	77	18	89	22	90	34	99	16	82	23	82	21	82													
DJF 219491	1	AM 140143	99	86	108	95	119	99			0.79	1.5	0.48	5.1	3.7	19	98	30	6.0	-13.2	-6.9	11.9	13	21																	
21-9491		DJF 127778	44	68	50	14	34	45			45	100	41	91	48	86	14	105	18	82	46	116	23	116	18	98	17	94													
DJF 219495		W 150014	92	102	110	93	106	101			1.54	7.2	0.15	5.7	9.7	21	135	39	11.6	-3.0	-4.7	16.7	17	30																	
21-9495		DJF 059910	40	66	39	12	24	39			41	91	31	100	44	97	12	107	18	94	33	102	16	106	18	105	17	105													
DJF 219496	1	AM 110061	91	104	85	104	122	106	104	106	1.56	8.1	0.22	-1.4	11.6	10	144	46	17.8	-4.2	-9.4	14.8	19	31																	
21-9496		DJF 137830	49	70	53	25	38	49	20	43	50	91	45	98	52	101	25	96	21	108	49	104	28	126	22	109	20	106													
DJF 219497	3	AM 150045	87	113	108	87	102	103	107	103	1.87	11.5	0.30	5.2	16.4	27	151	42	14.9	2.6	-4.4	14.7	18	36																	
21-9497		DJF 181343	54	70	45	16	26	45	20	40	54	87	51	96	52	110	16	113	21	101	37	95	16	105	22	108	21	112													
DJF 219500		AM 110061	92	93	95	104	103	90			1.32	4.2	0.58	1.3	9.4	9	132	46	14.4	9.5	-5.6	12.5	15	26																	
21-9500		DJF 133757	50	69	51	25	37	48			51	94	46	88	51	97	25	96	21	100	47	86	27	110	21	103	20	100													
DJF 219504	8	W 150014	82	116	104	106	104	112			2.27	12.7	0.25	4.1	14.2	7	115	18	13.9	4.5	-5.1	12.3	12	33																	
21-9504		AM 150097	51	69	42	18	29	45			53	83	38	97	47	106	18	94	21	99	39	92	44	95	22	97	20	109													

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Cow			Selection Values (SV / Acc)							Calf Weight		Mother		Growth & Efficiency				Fertility				Frame		Carcass																			
ID Name	% Inbreeding	Sire ID Dam ID	Calf Ease	Calf Grwth	Milk	Maint.	Fertility	Cow Value	Grwth Value	Prod. Value	Birth Weight	Wean Weight	Birth Mat.	Milk Wn.Mat.	Postwn Weight	Mature Weight	ADG	Kleiber	Scrotal Circumf.	Heifer Fert.	Cow Fert.	Longevity	Height	Length	Dress%	RMeat Yield	Marb-ling																
Breed average:											0.82	6.6	0.16	2.9	11.2	14	114	32	14.3	-1.3	-3.2	15.0	14	26	0.05	0.1	0.24																
Cow average:											0.81	100	6.3	99	0.16	100	2.8	100	10.7	99	13	99	110	99	31	99	13.8	99	-1.8	101	-3.3	100	13	99	25	99	99	-0.2	99	0.2	100		
Shaded EBVi											90-110	>100	>100	>100	>100	90-110	>100	>100	>100	>100	>100	>100	>100	>100	>100	90-110	90-110	>100	>100	>100													
DJF 219505 21-9505			AV	130019	95 9	101 61	102 26				98 20	1.05 9	7.0 61	0.68 9	3.4 26	17.5 32				9.6 24	-4.2 15	-1.1 26	71																				
DJF 219506 21-9506			4	AM	110061 AM	150091	96 60	93 72	94 53	108 25	108 38	96 52	93 27	94 47	1.25 61	6.0 72	98	0.01 52	-0.8 104	53 87	5.7 56	11 25	104 97	21 24	91	20.4 30	113	10.5 49	-7.3 26	118	11.0 52	93	17 30	29 105	28 28	104							
DJF 219508 21-9508			2	W	150037 OL	170286	103 38	89 66	101 37	100 16	72 29	76 40			0.45 39	2.4 66	89	0.46 31	3.2 91	37 101	7.9 44	14 16	73 100	9 16	82	15.6 19	103	9.5 40	3.5 86	7.0 18	86	10 19	93 18	18 90									
DJF 219510 21-9510			5	AM	150045 DJF	181321	88 48	111 70	107 45	96 19	111 30	111 45			1.81 50	10.9 70	111	0.12 40	5.0 101	45 107	15.0 52	18 19	142 104	38 16	106	14.0 21	99	-5.8 43	-5.7 17	111	15.8 45	101	19 22	109 20	36 12	20 112							
DJF 220597 DJF 220597			1	DJF	127782 DJF	194812	121 65	61 69	88 34	124 10	95 24	81 44			-0.87 71	-8.0 69	61	0.17 29	-0.5 100	34 88	-8.5 32	-10 10	17 76	8 65	8	0.9 13	71	-6.0 33	-1.0 15	91	15.7 38	101	0 13	-2 76	12 12	65							
DJF 220598 DJF 220598			8	AM	150092 AM	170184	123 70	82 71	91 45	109 20	81 29	87 50	83 20	84 44	-0.89 74	-0.2 120	71	-0.27 44	0.4 112	45 91	-1.8 39	4 20	80 91	21 18	92	9.8 23	90	8.0 38	1.0 82	7.5 44	86	6 23	86 22	17 22	89								
DJF 220599 DJF 220599			1	DJF	127782 DJF	194861	86 66	106 69	97 36	104 14	96 26	95 46			1.89 72	8.7 69	106	0.38 33	2.0 94	36 97	15.8 34	10 14	114 96	36 10	104	13.1 13	97	4.9 35	-2.9 16	99	13.9 42	98	15 13	25 102	12 98								
DJF 220601 DJF 220601				DJF	127782 DJF	194819	70 62	108 68	116 31		95 21				2.98 69	9.5 74	108	0.86 25	7.2 31	116	19.1 28					10.8 5	92	1.9 30	-2.2 12	96	12.9 36	96	17 5	28 105	5 5	102							
DJF 220611 DJF 220611			1	DJF	127782 DJF	194813	110 65	69 69	92 33	123 8	96 23	83 44			-0.05 71	-5.1 69	69	0.29 29	0.5 96	33 92	-5.4 32	-10 8	41 77	18 6	89	-0.9 9	67	-4.6 33	-1.3 13	92	15.5 39	101	0 9	1 76	8 8	69							
DJF 220612 DJF 220612			1	DJF	127782 AM	160037	113 67	86 67	111 35	104 13	85 26	93 45			-0.36 73	1.2 114	67	0.49 33	5.9 90	35 111	5.6 24	10 13	104 96	38 15	105	9.3 17	89	-0.1 34	1.1 82	15.4 43	101	11 17	18 94	16 16	90								
DJF 220614 DJF 220614			1	DJF	127782 W	120047	103 69	76 70	105 44	113 21	87 27	82 49			0.41 74	-2.5 105	70	0.59 41	4.3 87	44 105	-2.8 26	1 21	50 87	14 13	86	-0.2 18	69	-11.2 35	2.1 19	11.8 44	11.8 44	94	2 18	7 80	16 16	76							
DJF 220618 DJF 220618			3	DJF	181354 DJF	161400	100 65	82 68	104 42	112 12	112 26	99 46			0.96 71	-0.1 98	68	-0.14 34	3.9 109	42 104	1.0 32	2 12	62 88	19 10	90	4.7 14	79	-7.5 34	-5.9 19	16.9 41	103	8 14	10 90	13 13	81								
DJF 220619 DJF 220619			8	AM	150092 AM	160073	120 70	73 70	80 47	112 22	67 30	65 50	74 22	62 44	-0.72 74	-3.6 118	70	-0.15 44	-2.8 109	47 80	-6.2 37	2 68	45 88	9 19	82	10.8 25	92	5.0 38	5.7 21	62	6.8 45	85	4 25	83 23	8 23	78							
DJF 220621 DJF 220621			9	AM	150092 AM	170107	104 70	79 71	81 47	114 20	91 28	77 50			0.70 74	-1.2 71	79	-0.35 45	-2.6 115	47 81	-2.1 40	-1 20	43 86	8 11	81	9.7 19	90	1.4 37	-0.8 19	8.3 44	8.3 44	88	1 19	6 77	2 17	75							
DJF 220623 DJF 220623				DJF	127782 DJF	194802	88 62	87 65	106 28		99 15				1.56 69	1.9 91	65	0.88 24	4.6 79	28 106	9.9 15					3.3 5	76	-11.5 19	-1.4 11	92	16.6 36	103	12 5		97								
DJF 220625 DJF 220625			1	DJF	181354 DJF	171373	102 65	94 49	114 39	95 11	110 26	106 40			0.79 71	4.4 100	94	-0.06 32	6.7 106	39 114	9.0 28	18 11	114 105	36 11	103	9.6 13	90	-8.2 33	-5.2 18	16.1 38	102	16 13	24 104	13 13	97								
DJF 220626 DJF 220626				DJF	127782 DJF	181325	110 63	76 68	103 33	113 5	104 25	95 43			0.03 70	-2.3 110	68	0.11 26	3.6 101	33 103	2.3 14	1 84	71 87	28 5	97	2.2 6	74	-11.4 31	-3.0 19	11.6 40	94	6 6	9 87	5 5	79								
DJF 220627 DJF 220627			13	DJF	181354 DJF	181343	99 63	99 69	127 36						0.92 70	6.4 99	99	0.10 24	10.6 102	36 127	12.9 15						0.3 13			16.0 30	102												
DJF 220632 DJF 220632			7	DJF	127782 DJF	181333	84 62	107 68	112 34		106 18				2.08 69	9.2 85	107	0.42 19	6.2 92	34 112	15.8 7						-2.2 29	-4.9 101	15.2 8	39	100												
DJF 220634 DJF 220634				OL	150296 DJF	194823	106 62	74 68	104 27		97 14				0.01 69	-3.2 110	68	0.94 22	3.9 77	27 104	4.6 27						-11.2 19	-0.6 8	10.0 29	91													

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Cow			Selection Values (SV / Acc)							Calf Weight		Mother		Growth & Efficiency				Fertility				Frame		Carcass																	
ID Name	% Inbreeding	Sire ID Dam ID	Calf Ease	Calf Grwth	Milk	Maint.	Fertility	Cow Value	Grwth Value	Prod. Value	Birth Weight	Wean Weight	Birth Mat.	Milk Wn.Mat.	Postwn Weight	Mature Weight	ADG	Kleiber	Scrotal Circumf.	Heifer Fert.	Cow Fert.	Longevity	Height	Length	Dress%	RMeat Yield	Marb-ling														
Breed average:											0.82	6.6	0.16	2.9	11.2	14	114	32	14.3	-1.3	-3.2	15.0	14	26	0.05	0.1	0.24														
Cow average:											0.81	100	6.3	99	0.16	100	2.8	100	10.7	99	13	99	110	99	31	99	13.8	99	-1.8	101	-3.3	100	13	99	25	99	99	-0.2	99	0.2	100
Shaded EBVi											<75	75 - 125	>125	90-110	>100	>100	>100	>100	>100	>100	>100	>100	>100	>100	>100	>100	90-110	90-110	>100	>100	>100										
DJF 220636	1	DJF 181354 DJF 137827	96 66	89 48	95 40	99 11	108 28	89 41			1.17 71	2.3 96	0.12 36	1.4 101	40 95	5.7 26	15 11	96 101	33 93	13 101	6.2 14	82 14	-7.7 35	-4.7 21	106 106	16.3 42	102 102	12 14	96 14	18 90											
DJF 220638	1	DJF 181354 DJF 161029	97 65	90 69	105 44	103 11	107 28	97 47			1.13 71	2.9 96	0.03 33	4.3 104	44 105	6.8 32	11 11	84 89	28 11	97 97	5.4 13	81 81	-3.3 36	-4.8 103	18.1 41	106 106	11 13	94 94	15 13	86 86											
DJF 220645	1	DJF 127782 DJF 194867	101 65	82 69	100 33	114 8	93 22	88 44			0.70 71	-0.1 102	0.26 29	2.7 97	33 100	2.9 30	-1 85	8 8	86 86	6.7 9	83 83	-0.2 32	-1.3 98	16.8 39	103 103	8 9	90 90	11 8	82 82												
DJF 220646	8	AM 150092 AM 160175	106 70	96 71	83 47	115 21	71 30	83 50	76 23	79 45	0.53 74	4.9 104	-0.20 44	-1.9 110	47 83	2.9 40	-2 85	72 21	85 85	11 21	83 83	11.2 26	93 93	16.5 38	2.7 75	6.5 44	85 85	2 26	79 79	17 24	89 89										
DJF 220649	3	OL 150296 GU 161004	110 62	94 65	110 29		100 14				0.12 69	4.3 108	-0.01 20	5.7 105	29 110								-12.3 22	-1.4 115	5.9 7	92 92	26 26	84 84													
DJF 220651	10	AM 150085 SW 120034	96 70	106 56	99 46	93 22	110 28	104 46			1.35 74	8.8 94	-0.17 46	2.5 110	46 99	11.9 45	21 101	105 22	107 107	12 12	97 97	16 12	87 87	20.3 23	-10.0 39	-4.7 16	11.0 43	93 93	20 23	111 111	35 20	111 111									
DJF 220655	4	DJF 181354 DJF 141423	85 67	101 69	106 44	100 17	85 28	87 48			2.04 72	6.9 85	0.19 37	4.6 99	44 106	10.9 32	14 99	87 15	90 89	19 15	89 89	12.4 19	15.9 96	-1.4 37	92 77	16.4 43	103 103	12 19	96 96	22 18	94 94										
DJF 220656	1	DJF 181354 DJF 157243	105 64	93 67	117 39	90 14	114 27	107 45			0.40 70	3.9 105	0.17 32	7.6 100	39 117	9.9 26	24 98	122 14	38 110	15 15	103 105	8.7 17	88 88	-3.1 34	-7.1 102	15.8 41	102 102	15 17	101 101	27 17	101 101										
DJF 220657	1	OL 150296 DJF 171327	94 63	84 66	108 33	107 6	97 23	88 42			1.18 70	0.7 96	0.53 25	5.0 89	33 108	6.5 18	6 91		93 93	6.1 6	82 82	-18.6 30	0.4 123	9.5 16	34 85	90 90	9 6	91 91	13 5	84 84											
DJF 220658	6	AM 150085 W 160025	79 69	114 51	86 43	93 20	90 29	85 44	67 25	79 40	2.61 74	12.0 79	-0.03 43	-1.0 86	43 86	9.3 37	21 20	53 107	21 21	78 78	-13 13	63 63	11.5 27	94 94	-2.9 37	0.1 102	6.6 21	86 86	42 42	85 85	12 28	97 97	24 26	97 97							
DJF 220659	1	OL 150296 DJF 180821	120 62	73 66	105 32		109 22				-0.77 69	-3.5 119	0.13 23	4.2 101	32 105	0.5 14				80 80			-16.1 29	-3.6 120	9.6 15	9.6 102	32 32	90 90													
DJF 220660	6	DJF 181354 DJF 171354	125 62	84 66	103 38		113 16				-1.03 69	0.7 122	-0.26 23	3.7 112	38 103	5.5 6				90 90			-8.2 27	-6.1 109	15.0 6	15.0 112	35 35	100 100													
DJF 220663	1	OL 150296 DJF 181341	103 64	94 68	117 31	94 8	116 22	110 43			0.63 70	4.2 102	0.11 27	7.8 101	31 117	9.3 20	20 8	126 106	39 9	105 105	9 9	106 106	11.5 11	94 94	-14.7 31	-5.9 14	8.3 111	34 88	18 11	106 106	28 10	102 102									
DJF 220665		DJF 127782 DJF 194889	91 65	103 69	99 34	101 12	97 22	96 44			1.48 71	7.7 92	0.32 30	2.5 95	34 99	14.3 30	13 106	128 12	46 99	9 9	105 105	9 9	111 111	11.1 11	93 93	5.2 28	-3.3 16	15.9 100	41 41	102 102	15 11	24 103	24 11	98 98							
DJF 220670	1	DJF 127782 DJF 194811	108 65	76 69	95 34	118 13	88 23	84 44			0.17 71	-2.3 108	0.23 30	1.6 98	34 95	-1.1 32	-4 77	51 13	18 82	10 77	18 10	89 89	2.5 14	74 74	1.0 33	0.0 97	16.1 40	102 102	7 14	88 88	7 13	77 77									
DJF 220674	7	DJF 181354 DJF 127764	90 62	101 67	134 38		120 17				1.64 69	7.1 90	0.30 24	12.3 96	38 134	14.5 7				106 106			-7.5 29	-8.1 108	15.4 5	15.4 121	38 38	101 101													
DJF 220676	12	AM 150092 AM 160123	116 70	82 71	71 48	106 19	85 29	73 50	65 20	68 44	-0.42 74	-0.2 115	0.08 44	-5.2 102	48 71	-3.2 39	7 19	28 94	18 18	69 72	1.7 24	73 73	-2.1 39	1.4 19	9.7 80	9.7 44	91 91	-5 24	6 67	23 23	75 75										
DJF 220677	2	AM 150085 DJF 180832	108 66	91 69	89 45	99 17	114 28	98 48	89 21	96 43	0.36 71	3.2 106	-0.26 37	-0.3 112	45 89	4.0 34	15 87	89 17	18 101	18 18	89 89	13.6 23	99 99	-11.9 37	-5.9 20	11.7 42	94 94	13 23	25 99	22 22	98 98										
DJF 220678	1	DJF 127782 DJF 194857	86 66	98 70	91 36	117 13	96 24	93 45			1.85 72	5.9 88	0.45 31	0.4 91	36 91	10.9 12	-4 99	81 13	88 83	9 9	88 88	7.5 12	85 85	5.5 34	-2.9 15	15.4 41	101 101	7 12	89 89	15 11	86 86										
DJF 220680	6	AM 150092 AM 170064	89 69	98 55	81 40	120 21	83 28	83 44	86 22	82 40	1.78 74	5.8 89	0.07 43	-2.5 103	40 81	4.9 38	-7 88	91 21	30 80	30 20	99 99	12.9 25	97 97	10.9 37	0.1 86	11.5 41	11.5 94	4 25	83 83	15 23	86 86										

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Cow			Selection Values (SV / Acc)							Calf Weight		Mother		Growth & Efficiency				Fertility				Frame		Carcass								
ID Name	% Inbreeding	Sire ID Dam ID	Calf Ease	Calf Grwth	Milk	Maint.	Fertility	Cow Value	Grwth Value	Prod. Value	Birth Weight	Wean Weight	Birth Mat.	Milk Wn.Mat.	Postwn Weight	Mature Weight	ADG	Kleiber	Scrotal Circumf.	Heifer Fert.	Cow Fert.	Longevity	Height	Length	Dress%	RMeat Yield	Marb-ling					
Breed average:											0.82	6.6	0.16	2.9	11.2	14	114	32	14.3	-1.3	-3.2	15.0	14	26	0.05	0.1	0.24					
Cow average:											0.81	100 6.3 99	0.16	100 2.8 100	10.7 99	13 99	110 99	31 99	13.8 99	-1.8 101	-3.3 100		13 99	25 99	99	-0.2 99	0.2 100					
Shaded EBVi											90-110	>100	>100	>100	>100	90-110	>100	>100	>100	>100	>100	>100	90-110	90-110	>100	>100	>100					
DJF 220681	5	AM 150085	99	115	99	92	112	115	105	115	1.13	12.2	-0.25	2.7	15.9	21	136	27	19.0	-8.7	-5.6	12.8	24	42								
DJF 220681		SW 110088	70	71	49	26	32	51	24	46	74	96	47	112	45	109	26	108	20	108	22	110	46	96	27	117	25	119				
DJF 220685	2	DJF 181354	94	90	112	103	120	106			1.29	2.7	0.19	6.3	6.9	10	99	31	8.7	-8.7	-8.1	11.8	14	20	-0.13	-1.5						
DJF 220685		DJF 092226	66	68	42	16	29	47			71	94	36	99	30	92	16	97	19	88	36	110	22	121	45	94	5	90	5	91		
DJF 220686	1	DJF 127782	96	96	94	110	90	91	93	90	1.11	5.2	0.25	1.1	8.1	3	85	26	10.7	-0.1	-0.4	13.2	8	16								
DJF 220686		DJF 161068	66	69	38	15	28	47	20	42	72	97	33	97	28	94	15	90	21	92	35	98	20	88	43	97	21	91	20	87		
DJF 220687	8	DJF 181354	103	94	108		111				0.67	4.3	-0.02	5.2	8.6					-7.7	-5.4	15.6										
DJF 220687		DJF 180831	62	67	38		17				69	102	24	105	9	95				28	109	6	109	36	101							
DJF 220688	1	OL 150296	111	76	110	107	114	101			-0.13	-2.5	0.26	5.6	0.8	7	80	26	6.0	-14.3	-5.5	8.4	10	15								
DJF 220688		DJF 181348	64	67	34	10	23	43			70	111	28	97	24	81	10	93	12	82	31	117	15	110	34	88	12	93	11	86		
DJF 220689	14	DJF 181354	93	91	108		117				1.47	3.2	0.12	5.2	6.1					-9.3		16.6										
DJF 220689		DJF 181314	64	67	33		13				71	92	27	101	18	91				25	111		31	103								
DJF 220690	2	DJF 181354	99	91	114	100	98	97			0.97	3.2	-0.03	6.7	6.4	13	97	30	7.8	-1.7	-2.5	13.1	13	20								
DJF 220690		DJF 161003	64	67	41	11	26	45			70	98	32	105	26	91	11	100	13	86	34	101	19	97	41	97	13	99	12	92		
DJF 220697		DJF 127782	98	92	111		92				0.89	3.6	0.41	5.9	11.6				7.3	2.7	-1.5	10.6	15									
DJF 220697		DJF 059929	63	64	31		22				69	99	26	93	12	101			5	85	30	95	14	93	44	92	5	101				
DJF 220698	1	OL 150296	123	78	113	100	115	108			-0.96	-1.6	0.00	6.4	3.2	14	96	33	6.6	-20.2	-4.7	8.9	12	17								
DJF 220698		DJF 181365	64	66	36	8	24	43			70	121	30	105	22	85	8	100	11	83	32	125	16	106	34	89	12	96	10	89		
DJF 220704	5	AM 150085	108	100	96	93	107	102	77	97	0.42	6.5	-0.30	1.7	6.2	21	65	-8	13.1	-6.6	-4.3	6.6	9	29								
DJF 220704		AM 160186	69	70	45	22	30	50	26	45	74	105	42	113	40	91	22	107	29	97	38	107	21	105	44	85	29	92	28	103		
DJF 220757		DJF 209394	94	97	109	90	119	104			1.21	5.6	0.42	5.4	13.1	24	105	29	10.6	-23.4	-5.4	1.8	12	21								
DJF 220757			61	36	28	9	21	33			67	95	27	92	26	104	9	110	12	92	29	130	13	109	24	76	12	97	12	93		
DJF 226424	1	DJF 181354	70	108	109		110				3.18	9.6	0.58	5.3	16.4					-6.4	-5.4	12.5										
DJF 226424		DJF 127778	63	65	38		26				69	72	28	88	20	110				35	107	16	109	42	95							
DJF 226425	7	AM 150085	100	111	95	96	112	113	95	111	1.23	10.9	-0.75	1.4	13.3	18	113	18	20.5	-11.6	-5.2	11.0	19	35								
DJF 226425		SW 120059	70	71	48	23	28	50	20	44	74	95	46	126	44	104	23	104	23	113	38	114	18	109	46	93	19	108	21	111		
DJF 226438	5	AM 150092	116	77	79	120	95	86	75	82	-0.33	-1.9	-0.18	-3.1	-5.6	-7	54	9	13.4	-4.6	-1.0	7.5	6	12								
DJF 226438		AM 150177	70	71	46	20	30	50	23	45	74	114	44	110	38	69	20	80	25	98	39	104	21	91	45	86	25	86	24	83		
DJF 226443	7	AM 150092	106	87	81	105	85	77	78	74	0.44	1.9	-0.07	-2.4	-0.6	9	71	12	14.5	3.8	0.5	8.3	12	20								
DJF 226443		AM 150077	69	70	45	20	30	49	20	43	74	105	43	107	36	78	20	95	23	101	39	93	21	84	44	88	23	97	21	92		
DJF 226444		DJF 181354	85	104	117	85	113	102			1.99	8.3	0.41	7.7	15.5	29	148	47	12.0	-6.4	-6.1	16.0	21	33	0.11	1.6	-0.09					
DJF 226444		DJF 133757	64	66	39	11	27	45			70	86	30	93	24	108	11	115	13	95	34	107	20	112	43	102	8	104	8	109	7	97
DJF 226491	2	DJF 181354	126	81	113	101	115	113			-1.07	-0.7	-0.42	6.4	1.5	13	96	30	8.0	-9.4	-6.5	13.6	13	19								
DJF 226491		DJF 157217	65	67	41	11	28	46			71	123	34	117	26	82	11	99	13	86	35	111	20	114	41	98	13	99	13	91		
DJF 226493	1	DJF 181354	105	101	122	87	124	122			0.52	7.1	-0.12	8.9	12.9	26	152	46	14.3	-11.6	-8.7	13.6	22	35	0.13	1.9	-0.21					
DJF 226493		DJF 127752	64	67	42	11	29	46			70	104	33	108	25	103	11	113	14	100	36	114	22	123	42	97	6	105	6	110	5	96
DJF 226497	1	DJF 127782	104	87	99	111	90	90			0.49	1.6	0.21	2.5	4.4	3			8.1	1.6	-0.6	15.2	11	17								
DJF 226497		DJF 194863	65	68	32	8	22	43			71	104	28	98	30	88	8	89	9	87	32	96	13	89	39	100	9	95	8	88		
DJF 226498		DJF 127782	105	93	108	102	98	101			0.47	3.9	0.11	5.1	8.9	11			10.0	-1.0	-2.8	16.1	15	24								
DJF 226498		DJF 180820	64	66	36	6	24	43			70	104	27	102	20	96	6	98	6	91	32	100	17	98	40	102	6	101	6	97		

Cows

Inbreeding in red is high

EBV
Acc Index

Breeding values with an accuracy < 5% are not printed

Cow			Selection Values (SV / Acc)								Calf Weight		Mother		Growth & Efficiency				Fertility				Frame		Carcass																
ID Name	% Inbreeding	Sire ID Dam ID	Calf Ease	Calf Grwth	Milk	Maint.	Fertility	Cow Value	Grwth Value	Prod. Value	Birth Weight	Wean Weight	Birth Mat.	Milk Wn.Mat.	Postwn Weight	Mature Weight	ADG	Kleiber	Scrotal Circumf.	Heifer Fert.	Cow Fert.	Longe- vity	Height	Length	Dress%	RMeat Yield	Marb- ling														
Breed average:											0.82	6.6	0.16	2.9	11.2	14	114	32	14.3	-1.3	-3.2	15.0	14	26	0.05	0.1	0.24														
Cow average:											0.81	100	6.3	99	0.16	100	2.8	100	10.7	99	13	99	110	99	31	99	13.8	99	-1.8	101	-3.3	100	13	99	25	99	99	-0.2	99	0.2	100
<75											75 - 125		>125		Shaded EBVi											90-110	>100	>100	>100	>100	>100	>100	>100	>100	>100	>100	>100	>100	>100	>100	
DJF 226690 22-6690DJF			67 59	122 60	116 21					77 18	4.25 66	14.9 59	1.49 21	7.3 61	32.5 25	139			15.0 78				1.1 11	-4.3 82	24 65																
DJF 226702 22-6702DJF			91 49	100 60	109 22					69 18	1.21 55	6.5 95	60 100	1.10 18	5.4 72	19.5 25	115			18.6 73				3.0 14	-7.6 74	25 59															

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	Growth Value	Prod Value		
Sorted on ID					Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc		
					★★★★★									
1	AM 140143	AM140143	AM 090036	AM 080041	3.4	100 83	108 91	120 81	75 43	130 58	121 72	111 46	121 67	
2	DJF 209409	20-9409	AM 140143	AM 150169	5.1	87 55	122 71	108 52	89 21	121 35	122 49	109 25	122 44	
3	DJF 209445	20-9445	AM 140143	DJF 127752	1.7	94 48	115 70	120 53	79 21	133 38	128 48	116 23	129 43	
					★★★★★									
1	DJF 133741	13-3741	DJF 092237	DJF 102309	1.6	95 32	94 36	108 40	103 16	129 32	113 32			
2	DJF 209412	20-9412	AM 140143	AM 150157	6.7	88 55	112 72	116 51	85 22	125 35	118 49	111 25	119 44	
3	DJF 216270	21-6270	AM 110061	DJF 127764	1.5	72 51	132 71	103 54	86 25	111 37	113 50	122 20	116 44	
4	DJF 216276	21-6276	DJF 180834	DJF 181359	0.9	100 36	113 68	108 38	83 12	112 24	114 39			
5	DJF 216284	21-6284	DJF 180834	DJF 181333	0.5	95 34	114 69	115 40	77 11	116 24	114 39			
6	DJF 216307	21-6307	AM 140143	OL 100011	3.6	98 48	103 70	124 52	84 16	115 30	113 46	111 20	114 41	
7	DJF 216315	21-6315	AM 140143	AM 120027	5.5	105 57	98 73	104 55	97 23	117 38	111 52	102 25	110 47	
8	DJF 216327	21-6327	AM 140143	AV 130033	3.3	95 43	107 70	120 50	81 17	115 33	112 45	110 21	112 40	
9	DJF 216329	21-6329	AM 140143	DJF 092226	3.4	96 50	100 71	109 54	93 23	130 37	115 49	104 26	114 44	
10	DJF 216335	21-6335	AM 140143	DJF 157233	2.4	106 50	100 71	117 54	88 18	121 37	117 49	102 23	116 44	
11	DJF 216346	21-6346	AM 140143	OL 130113	2.5	93 46	111 70	127 52	78 17	108 32	112 46	115 21	114 41	
12	DJF 216378	21-6378	AM 140143	GU 161004	4.9	100 46	103 69	118 50	83 16	116 32	111 45			
13	DJF 216388	21-6388DJF	DJF 180834	DJF 181365	2.1	109 62	109 68	109 41	79 5	121 24	119 44			
14	DJF 216390	21-6390	AM 140143	DJF 157248	2.0	104 50	107 70	112 52	77 22	123 36	115 48	114 25	117 43	
15	DJF 220642	DJF 220642	DJF 181354	DJF 157233	1.2	120 65	97 68	113 43	88 11	112 28	116 47			
16	DJF 220666	DJF 220666	DJF 181354	DJF 161024	1.6	91 65	100 69	113 44	93 11	129 28	113 47			
					★★★★★									
1	AM 160151	AM 160151	W 120038	AM 130082	6.6	97 74	93 57	97 53	109 26	111 38	101 50	98 27	101 45	
2	AM 160233	AM160233	SW 100022	ASE 090014	3.6	95 74	97 84	121 59	87 29	115 40	106 60	88 40	103 56	
3	AM 180174	AM 180174	CHK 100138	AM 120223	4.0	89 74	107 75	89 60	94 31	117 42	100 58	113 36	103 54	
4	DJF 209407	20-9407	AM 140143	ASE 160001	5.6	95 55	104 72	108 54	87 23	117 36	108 50	101 28	107 46	
5	DJF 216300	21-6300	AM 150045	SW 120059	6.9	98 56	96 73	99 50	113 22	105 30	105 49			
6	DJF 216318	21-6318	AM 140143	DJF 110639	0.0	101 45	104 70	116 53	78 22	110 36	106 47	114 23	108 42	
7	DJF 216322	21-6322	AM 160233	AM 170082	4.4	93 53	95 72	116 45	91 20	112 30	101 47	92 26	99 43	
8	DJF 216336	21-6336	AM 140143	DJF 114330	0.6	94 44	106 70	113 50	83 21	116 36	109 47	110 23	110 42	
9	DJF 216350	21-6350	AM 140143	GU 161011	2.9	97 43	102 69	118 50	84 17	107 32	105 45	111 20	106 40	
10	DJF 216358	21-6358	AM 150045	SW 110088	5.3	92 56	105 73	103 51	107 25	105 34	108 50	102 22	108 44	

Selection List on Cow Values

Bulls 2 years and older

IDName			Sire ID	Dam ID	% Inbreeding	Calving Ease Value	Calf Growth Value	Milk Value	Maint. Value	Fertility Value	Cow Value	Growth Value	Prod Value	
Sorted on ID						Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	
						★★★★☆								
11	DJF 216363	21-6363	AM 140143	DJF 161003	3.8	10148	9271	11353	9418	10735	10148	9722	10043	
12	DJF 216376	21-6376	AM 150045	AM 150169	5.6	8353	11968	9146	10519	10530	10946	10220	10941	
13	DJF 216377	21-6377	AM 160233	DJF 171322	1.1	8939	11467	12037	7815	10320	10638	10720	10734	
14	DJF 216379	21-6379	AM 160233	SW 110007	6.1	8255	10972	11750	9323	11230	10948	9820	10842	
15	DJF 216380	21-6380	AM 150045	W 140029	10.5	10153	9773	8849	12220	10530	10748			
16	DJF 216382	21-6382	AM 160233	OL 170272	2.1	9638	9667	11638	8814	11226	10240			
17	DJF 216395	21-6395DJF	AM 140143	DJF 141427	0.0	11466	8670	10753	8822	11537	10152	10523	10246	
18	DJF 220620	DJF 220620	DJF 181354	DJF 194800	2.1	8365	10070	10940	9411	12524	10646			
19	DJF 220628	DJF 220628	DJF 181354	DJF 161033	2.5	9566	10469	11143	9513	10426	10647			
20	DJF 220647	DJF 220647	DJF 127782	DJF 194796	0.3	11064	8669	10933	10212	10824	10344			
21	DJF 220650	DJF 220650	DJF 181354	DJF 157231	2.5	8067	11369	11542	9113	10727	10647			
22	DJF 220661	DJF 220661	DJF 181354	AM 120097	1.7	9769	9770	11343	9718	10330	10249			
23	DJF 220669	DJF 220669	DJF 181354	DJF 171331	2.1	11966	8768	10342	9612	10826	10346			
24	DJF 220675	DJF 220675	DJF 181354	DJF 161025	1.2	10564	9350	11640	9311	10928	10641			
25	DJF 220692	DJF 220692	OL 150296	DJF 181316	1.6	11564	9166	11232	9211	11022	10843			
26	DJF 220702	DJF 220702	DJF 171338	DJF 180823	3.6	11864	8438	9041	10910	10826	10137			
						★★★★								
1	AM 110061	AM110061	T 040022	AM 050013	4.3	8492	11793	7182	10751	9362	9277	10538	9369	
2	AM 140063	AM140063	V 100110	AM 110090	5.5	9271	10772	7351	11935	8536	9154	9641	9051	
3	AM 150085	AM150085	SW 100022	AM 120003	3.3	9981	10381	9156	8737	11242	9861	9342	9657	
4	AM 150095	AM150095	SW 100022	AM 120009	4.8	12776	8480	8666	10728	9744	9661	8237	9356	
5	AM 170012	AM170012	AM 110067	AM 100082	3.8	6975	12183	11060	8738	8745	9162	10138	9257	
6	ASE 130009	2013 0009	AM 090036	ASE 090021	4.3	10362	9075	9063	10439	10946	9558	9544	9455	
7	DJF 137811	13-7811DJF	DJF 102306	DJF 092222	0.0	10228	8831	10333	10416	9930	9428			
8	DJF 209373	20-9373	AM 140143	OL 170281	0.0	10341	9768	11346	8022	10130	9644	10523	9640	
9	DJF 209386	20-9386	W 150037	DJF 161003	4.1	8245	11968	10046	9117	8132	9144			
10	DJF 209388	20-9388	AM 150045	DJF 180823	2.8	11347	7869	8744	10816	11131	9144			
11	DJF 209395	20-9395	W 150037	HCC 170095	0.0	8937	10968	10842	8719	8624	9140			
12	DJF 209398	20-9398	W 150037	DJF 171354	0.4	11043	9069	9645	9719	9532	9144			
13	DJF 209400	20-9400	AM 150045	DJF 181327	2.5	9644	9770	10445	9016	10830	9644	10520	9739	
14	DJF 209411	20-9411	AM 110061	DJF 161025	2.1	9152	10871	9053	10224	10038	9850			
15	DJF 209414	20-9414	AM 150045	DJF 180832	2.8	10047	9571	8647	10415	10831	9545			
16	DJF 209416	20-9416	AM 110061	AM 160229	3.0	10160	10573	7755	10126	10738	9852	10027	9847	

Selection List on Cow Values

Bulls 2 years and older

IDName			Sire ID	Dam ID	% Inbreeding	Calving Ease Value	Calf Growth Value	Milk Value	Maint. Value	Fertility Value	Cow Value	Growth Value	Prod Value	
Sorted on ID						Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	
						★★★★								
17	DJF 209417	20-9417	AM 110061	D 130184	4.7	10061	11074	8057	9529	10036	9753	9722	9647	
18	DJF 209423	20-9423	W 150037	DJF 161033	5.7	8648	11771	10047	9719	8732	9846			
19	DJF 209426	20-9426	AM 110061	AM 160217	4.6	10260	10173	7553	10826	9538	9152	8426	8947	
20	DJF 209427	20-9427	AM 110061	W 160041	4.6	10160	9072	8555	11324	10136	9252	8722	9046	
21	DJF 209441	20-9441	AM 140143	XY 110008	8.6	11056	8973	9955	9525	10634	9651	9128	9446	
22	DJF 216271	21-6271	AM 110061	AM 170008	4.5	8059	13073	8653	8925	8737	9552	11124	9746	
23	DJF 216272	21-6272	W 150037	AM 160175	9.0	7953	13072	9947	9622	7632	9948	9625	9843	
24	DJF 216273	21-6273	AM 110061	DJF 161048	3.6	8654	11171	8751	10522	10036	9849			
25	DJF 216274	21-6274		DJF 180828	0.0	9116	11564	10629	776	8720	9231			
26	DJF 216285	21-6285	AM 150045	ASE 160001	8.0	9754	8872	9548	10920	10132	9148	8823	8943	
27	DJF 216289	21-6289	AM 150045	DJF 181366	2.5	9448	10070	10144	9316	11030	9945	10520	10040	
28	DJF 216301	21-6301	AM 160233	AM 170143	4.8	9453	9872	10646	8720	11028	9646	9225	9542	
29	DJF 216328	21-6328	AM 170012	AM 160202	5.4	8753	9872	10544	10620	9232	9247	8624	8942	
30	DJF 216331	21-6331	AM 160233	W 120047	8.2	9955	8372	11650	10025	10029	9148	7522	8643	
31	DJF 216351	21-6351DJF	AM 150045	D 130184	7.3	11363	8973	9350	10324	10231	9750	8520	9444	
32	DJF 216355	21-6355	AM 160233	DJF 141423	9.1	8250	10971	10447	9620	8730	9046	8620	8841	
33	DJF 216372	21-6372	AM 160182	DJF 180826	2.8	9943	10167	10244	9318	9628	9543			
34	DJF 220603	DJF 220603	DJF 127782	DJF 194827	0.3	6765	10869	10335	10412	10024	9145			
35	DJF 220637	DJF 220637	AM 150085	W 160041	8.3	10169	9570	9346	9819	11128	9849	8722	9544	
36	DJF 220648	DJF 220648	DJF 127782	DJF 194809	0.4	10665	9769	10333	958	9722	9844			
37	DJF 220662	DJF 220662	DJF 171338	AV 170027	3.3	8063	10036	10740	1126	9726	9636			
38	DJF 220667	DJF 220667	DJF 181354	DJF 161034	1.9	10765	8647	10234	10111	10426	9539			
39	DJF 220673	DJF 220673	DJF 171338	GU 161000	4.1	11963	8133	9536	1136	9824	9734			
40	DJF 220701	DJF 220701	DJF 127782	DJF 157244	0.2	7865	11067	10737	8911	10526	9745			
41	DJF 226687	22-6687DJF	AM 110046	AV 130080	1.1	9866	9465	10647	10513	9632	9648			
42	W 150014	W 150014	AM 110109	W 120067	6.1	8373	10478	9951	9923	9939	9256	9234	9152	
43	W 150037	W 150037	ASE 090026	W 110056	5.4	8174	12184	10460	9138	7648	9162	9838	9157	
44	W 160029	W 160029	AM 110109	W 120031	5.9	12872	6861	9753	11724	9738	9351	8734	9148	
						★★★★								
1	AM 150045	AM15045	AM 110109	W 120033	5.8	10178	8390	9163	11529	9847	8864	8936	8658	
2	DJF 137817	13-7817DJF	DJF 079960	DJF 014941	0.0	10228	8330	9933	1017	9428	8227			
3	DJF 143769	14-3769		DJF 059913	0.0	9324	9627	11331	8815	8321	8324			
4	DJF 200007	20-0007	AM 170012	AM 170248	4.3	8253	10770	9146	9920	9631	8947	10520	9042	

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	Growth Value	Prod Value	
Sorted on ID						Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	
						★★★★								
5	DJF 200008	20-0008	AM 170012	AM 170208	8.8	8252	10970	9345	9519	9128	8645			
6	DJF 209383	20-9383	W 150037	OL 170292	1.7	9338	10367	10542	8816	8629	8741			
7	DJF 209404	20-9404	AM 110061	W 160025	4.3	8660	11971	7453	9924	8036	8451	7724	8146	
8	DJF 216281	21-6281	W 150037	HCC 170016	3.0	9438	10368	10338	9316	7530	8341			
9	DJF 216297	21-6297		DJF 181327	0.0	10122	9465	11133	7811	9422	8534			
10	DJF 216303	21-6303	AM 150045	XY 110008	7.4	10954	8173	8349	11322	9031	8048	8224	7843	
11	DJF 216311	21-6311	AM 160182	HCC 170095	0.0	9838	9368	10342	8719	8822	8140			
12	DJF 216326	21-6326	AM 170012	AM 150137	8.4	8653	11472	9745	8721	8232	8647	9926	8643	
13	DJF 216349	21-6349	AM 160182	DJF 181357	2.7	10543	9070	9545	9118	9528	8344			
14	DJF 220633	DJF 220633	AM 150092	AM 150162	8.1	11470	8256	8146	11220	9430	8646	8020	8341	
15	DJF 220635	DJF 220635	AM 150092	DJF 181366	4.4	9366	9451	9343	9917	9428	8442			
16	DJF 220639	DJF 220639	AM 150092	AM 170246	11.1	10169	9571	8748	10521	7828	8050			
17	DJF 220672	DJF 220672	DJF 127782	DJF 194877	0.5	10966	8469	8536	11113	9026	8446			
18	DJF 220707	DJF 220707	AM 150092	AM 170086	6.5	12070	8157	8647	10921	9130	8746	7722	8341	
19	DJF 220709	DJF 220709		DJF 219497	0.0	9561	9935	10722	878	8613	8529			
20	W 160021	W 160021	AM 080069	W 080055	8.9	10073	10661	7860	10432	6939	8053	5940	7350	
						★★★								
1	AM 150127	AM150127	CR 060028	AM 080020	5.6	10774	9175	9559	9130	8235	7956	11130	8251	
2	AM 160054	AM160054	W 070047	AM 090030	8.9	7674	11375	9361	9034	7342	7458	9134	7453	
3	DJF 216370	21-6370	AM 160182	DJF 180831	3.6	11046	7667	9546	10118	9530	7844			
4	DJF 216381	21-6381	AM 160182	DJF 171327	3.3	9945	8470	9745	9718	8930	7544			
5	DJF 226495	DJF 226495	AM 150092	AM 150166	7.4	10671	9056	9147	9624	7330	7347	8221	7142	
6	DJF 226689	22-6689DJF	AM 110046	LZ 160033	1.2	7266	9665	10646	10813	8333	7848			
7	W 160030	W 160030	AM 110109	W 100010	6.0	10574	7161	9655	11429	8538	7452	7135	7049	
						★★★								
1	AM 150092	AM15092	W 070047	W 090018	8.2	11883	7383	7060	11731	6740	6262	7032	5856	
2	AM 160182	AM160182	W 070047	AM 080031	4.6	10775	7886	9262	9339	8143	6562	8338	6457	
3	AM 160221	AM160221	W 060015	W 120028	11.3	10974	8274	8259	10231	7342	6658	6339	6154	
4	DJF 216305	21-6305	AM 160182	DJF 171328	4.1	10744	8069	9442	9619	7528	6643			
5	DJF 216310	21-6310	AM 160182	OL 170292	1.6	11239	7068	9942	9217	8826	6841			
6	DJF 220652	DJF 220652	AM 150092	AM 160047	8.3	10769	7571	9645	11418	6928	6949			

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	Growth Value	Prod Value	
Sorted on ID						Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	
						★★★★★★								
1	DJF 209394	20-9394	AM 140143	DJF 161024	3.2	9155	10671	11255	9318	15441	13651	9822	13345	
						★★★★★☆								
1	DJF 127752	12-7752	DJF 092237	DJF 081331	0.0	10248	9756	12569	9616	13547	12949			
2	DJF 127764	12-7764	DJF 092237	DJF 092240	0.0	7946	10857	14370	9016	12744	12648			
3	DJF 161024	16-1024	AM 110046	DJF 137830	1.3	9255	9266	10476	11115	14550	12155			
4	DJF 194796	19-4796	VZ 100016	ADM 050042	0.0	11152	10269	11657	9725	12540	12950	10328	12746	
5	DJF 216344	21-6344	AM 140143	DJF 161402	2.4	8046	12870	12652	7418	12234	12647	11723	12742	
6	DJF 216345	21-6345	AM 140143	DJF 157220	3.2	9647	10670	11250	9318	12735	12047	10122	11842	
7	DJF 226493	DJF 226493	DJF 181354	DJF 127752	0.9	10564	10167	12242	8711	12429	12246			
8	SW 110088	11 0088	H 030011	SW 061069	3.7	9580	10880	11682	10853	11154	12269	10735	12262	
9	SW 120059	12 0059	SW 080043	SW 050003	7.1	11379	9579	10479	11737	11144	12064	8626	11656	
						★★★★★								
1	AM 170086	AM 170086	SW 100022	AM 100074	3.1	10678	9778	10372	10132	11550	11264	8541	10859	
2	DJF 127763	12-7763	DJF 092237	DJF 081332	0.0	9730	9436	11241	10016	12732	11432			
3	DJF 127772	12-7772	DJF 092237	DJF 081329	0.0	9631	9338	10844	10116	13835	11834			
4	DJF 157217	15-7217	AM 110046	DJF 127752	1.3	11455	8758	10467	11315	11948	11651			
5	DJF 157233	15-7233	AM 110046	DJF 100630	0.0	11354	9362	11272	10414	11148	11552			
6	DJF 157243	15-7243	AM 110096	DJF 137814	0.4	10050	10555	10864	8723	11746	11149	11026	11244	
7	DJF 157244	15-7244	AM 110096	DJF 081317	0.0	10059	11661	11065	7623	12046	11852	11926	12147	
8	DJF 194800	19-4800	AM 150045	DJF 161024	3.8	9055	9473	9266	10915	13841	11153			
9	DJF 216279	21-6279	DJF 180834	DJF 181320	1.3	10934	10768	10438	848	11624	11438			
10	DJF 216291	21-6291	AM 140143	AV 140002	2.8	10645	10069	11250	8717	11431	11145	10421	11140	
11	DJF 216296	21-6296	AM 140143	DJF 161033	5.1	10251	9872	11254	9919	11335	11249	9422	11044	
12	DJF 216308	21-6308	DJF 180834	DJF 181348	0.8	10036	10768	10440	9011	12124	11539			
13	DJF 216337	21-6337	AM 140143	DJF 161025	2.4	10048	10370	11451	8918	11836	11347	10123	11342	
14	DJF 216341	21-6341	AM 140143	DJF 157243	2.2	9648	11470	11251	7822	12436	11948	11325	12043	
15	DJF 216357	21-6357	AM 140143	DJF 141434	1.7	9445	9671	11753	9221	13036	11448	10323	11343	
16	DJF 216368	21-6368	AM 140143	DJF 161068	6.7	10452	10171	10453	9722	11036	11049	9828	10945	
17	DJF 219486	21-9486	AM 140143	AM 150177	4.2	11156	7970	10853	10822	12636	11050	8730	10746	
18	DJF 219504	21-9504	W 150014	AM 150097	7.9	8251	11669	10442	10618	10429	11245			
19	DJF 219510	21-9510	AM 150045	DJF 181321	5.2	8848	11170	10745	9619	11130	11145			

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	Growth Value	Prod Value	
Sorted on ID						Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	
						★★★★★								
20	DJF 220663	DJF 220663	OL 150296	DJF 181341	1.0	10364	9468	11731	948	11622	11043			
21	DJF 220681	DJF 220681	AM 150085	SW 110088	5.5	9970	11571	9949	9226	11232	11551	10524	11546	
22	DJF 226425	DJF 226425	AM 150085	SW 120059	7.0	10070	11171	9548	9623	11228	11350	9520	11144	
23	DJF 226491	DJF 226491	DJF 181354	DJF 157217	1.6	12665	8167	11341	10111	11528	11346			
24	R 160205	R 160205	H 090001	R 110030	4.8	12075	9075	8562	10742	11844	11060	9124	10753	
25	SW 120034	12 0034	SW 060039	SW 090044	4.4	10780	10078	10675	9838	10750	11065	9934	10959	
						★★★★☆								
1	AM 120027	AM120027	T 040022	AM 060017	9.1	10878	9479	8677	11633	10454	10466	9431	10259	
2	AM 120097	AM120097	T 040022	V 070091	3.6	10678	9477	10171	11437	9552	10364	10734	10458	
3	AM 150091	AM 150091	SW 100022	H 020052	3.1	9977	9777	9967	9235	12352	10563	8845	10259	
4	AM 150162	AM150162	T 100032	AM 100095	3.5	9376	10177	9371	10734	12051	10963	9139	10758	
5	AM 150177	AM 150177	SW 100022	XY 110004	4.4	10877	8077	9070	12733	12251	10863	7742	10359	
6	AM 160175	AM160175	W 060015	XY 110004	5.6	9076	11177	9972	11739	7550	10063	7844	9559	
7	AM 160186	AM160186	W 060015	ASE 120030	15.0	10976	9377	10471	10034	10148	10162	5940	9458	
8	AM 170064	AM 170064	HBH 140025	AM 140088	5.0	7176	11673	9153	12437	9944	10658	10340	10654	
9	DJF 092226	09-2226	CR 010015	DJF 059943	0.0	9558	8761	9969	11732	12950	10954	9130	10749	
10	DJF 127760	12-7760	DJF 092237	DJF 091346	0.0	9629	9435	11339	10016	11333	10631			
11	DJF 127768	12-7768	DJF 092237	DJF 071302	0.0	9829	9234	10938	10116	12032	10830			
12	DJF 137813	13-7813	DJF 092237	DJF 100623	0.0	9730	9135	10940	10016	11932	10531			
13	DJF 137837	13-7837	DJF 092237	DJF 102320	2.1	9332	8935	10338	10914	12230	10431			
14	DJF 157226	15-7226	AM 110096	DJF 014948	0.0	8951	10959	10570	8423	10846	10051	11226	10246	
15	DJF 157231	15-7231	AM 110046	AM 120027	6.2	9363	9965	10771	11421	10148	10655			
16	DJF 157248	15-7248	AM 110096	DJF 091956	0.0	11054	10358	10368	8223	11546	10951	11426	11146	
17	DJF 161025	16-1025	AM 110046	DJF 102319	0.0	10251	9357	10966	10314	10646	10549			
18	DJF 161033	16-1033	AM 110046	AM 120027	6.2	9961	9667	10174	11621	9646	10356			
19	DJF 161048	16-1048	AM 110046	DJF 092226	2.6	9457	9156	10562	11718	10646	10349			
20	DJF 161057	16-1057	AM 110046	DJF 059941	0.0	10342	9244	10145	10814	10634	10237			
21	DJF 171373	17-1373	AM 110046	DJF 064023	0.0	10151	9255	10564	10814	10944	10448			
22	DJF 194809	19-4809	AM 150095	DJF 157244	2.5	11655	9670	11058	9316	10337	10950	10020	10844	
23	DJF 194819	19-4819	LZ 120009	DJF 127764	0.4	6742	12466	12753	846	10034	10744			
24	DJF 194843	19-4843	AM 150095	DJF 157248	2.5	12654	9069	8658	9716	10237	10050	9620	9944	
25	DJF 194857	19-4857	AM 110061	W 140029	4.3	8963	11574	7864	12025	10142	10856	9321	10649	
26	DJF 194889	19-4889	AM 110061	DJF 059910	0.0	8756	12170	9761	9026	10434	10751			

Selection List on Cow Values

Cows 2 years and older

IDName			Sire ID	Dam ID	% Inbreeding	Calving Ease Value	Calf Growth Value	Milk Value	Maint. Value	Fertility Value	Cow Value	Growth Value	Prod Value	
Sorted on ID						Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	
						★★★★☆								
27	DJF 216277	21-6277	DJF 180834	DJF 181317	2.5	10336	10968	9839	8914	11024	10939			
28	DJF 216306	21-6306	AM 170012	DKH 140214	5.7	9254	10772	10248	9926	9731	10148	9424	10043	
29	DJF 216316	21-6316	AM 140143	DJF 161029	2.6	10249	9472	10455	9918	11636	10549	9122	10344	
30	DJF 216324	21-6324	AM 140143	DJF 161400	5.2	10650	8571	10253	10719	12236	10749	8522	10344	
31	DJF 216364	21-6364	AM 150045	DJF 181370	2.9	9545	10069	10343	9716	10730	10144	10220	10139	
32	DJF 216383	21-6383	AM 140143	DJF 141420	0.0	10444	9668	11247	8522	11536	10546	10823	10641	
33	DJF 216386	21-6386	AM 140143	DJF 157226	2.0	10049	9871	11453	8522	11936	10749	10625	10844	
34	DJF 216667	21-6667DJF	AM 110046	CR 150048	2.4	12167	8867	9549	11018	10631	10749	8322	10344	
35	DJF 219484	21-9484	AM 150045	DJF 181368	7.6	10048	9867	10143	9817	10628	10143			
36	DJF 219485	21-9485	AM 140143	DJF 141414	0.6	9144	11265	11447	8021	10436	10345	11423	10641	
37	DJF 219495	21-9495	W 150014	DJF 059910	0.0	9240	10266	11039	9312	10624	10139			
38	DJF 219496	21-9496	AM 110061	DJF 137830	1.5	9149	10470	8553	10425	12238	10649	10420	10643	
39	DJF 219497	21-9497	AM 150045	DJF 181343	2.5	8754	11370	10845	8716	10226	10345	10720	10340	
40	DJF 220625	DJF 220625	DJF 181354	DJF 171373	1.2	10265	9449	11439	9511	11026	10640			
41	DJF 220651	DJF 220651	AM 150085	SW 120034	10.4	9670	10656	9946	9322	11028	10446			
42	DJF 220656	DJF 220656	DJF 181354	DJF 157243	1.1	10564	9367	11739	9014	11427	10745			
43	DJF 220685	DJF 220685	DJF 181354	DJF 092226	1.7	9466	9068	11242	10316	12029	10647			
44	DJF 220688	DJF 220688	OL 150296	DJF 181348	1.2	11164	7667	11034	10710	11423	10143			
45	DJF 220698	DJF 220698	OL 150296	DJF 181365	0.8	12364	7866	11336	1008	11524	10843			
46	DJF 220704	DJF 220704	AM 150085	AM 160186	5.4	10869	10070	9645	9322	10730	10250	7726	9745	
47	DJF 220757	DJF 220757		DJF 209394	0.0	9461	9736	10928	909	11921	10433			
48	DJF 226444	DJF 226444	DJF 181354	DJF 133757	0.3	8564	10466	11739	8511	11327	10245			
49	DJF 226498	DJF 226498	DJF 127782	DJF 180820	0.3	10564	9366	10836	1026	9824	10143			
50	R 160252	R 160252	H 090001	R 120251	5.9	9175	10275	9963	10136	11144	10260	8828	9954	
51	W 160041	W 160041	AM 110109	W 110057	6.6	10576	8670	9675	11326	10946	10060	7634	9555	
						★★★★								
1	AM 150048	AM15048	AM 110109	W 120035	5.7	8474	9474	10456	11430	9540	9256	9136	9052	
2	AM 150077	AM150077	SW 100022	AM 110144	4.0	10176	9275	9467	9831	10350	9161	8338	8856	
3	AM 160037	AM1637	R 110167	AM 130188	7.2	11175	8962	12662	10127	7945	9855	9932	9750	
4	AM 160217	AM160217	W 060015	AM 110101	14.0	11476	9776	7667	10635	9850	9562	6743	8958	
5	AM 170082	AM 170082	AM 110109	H 020052	5.7	8977	9776	11067	9535	11048	9962	9542	9858	
6	AM 170246	AM 170246	ASE 090026	W 120035	5.4	8476	9978	11175	11037	8949	9464	8335	9158	
7	DJF 127791	12-7791	DJF 079960	DJF 059910	0.0	10132	8738	10644	987	10232	9132			

Selection List on Cow Values

Cows 2 years and older

IDName			Sire ID	Dam ID	% Inbreeding	Calving Ease Value	Calf Growth Value	Milk Value	Maint. Value	Fertility Value	Cow Value	Growth Value	Prod Value	
Sorted on ID						Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	
						★★★★								
8	DJF 133757	13-3757	DJF 079960	DJF 059922	0.0	8942	9151	11363	947	11342	9643			
9	DJF 141404	14-1404	DJF 079960	DJF 100630	0.0	10935	8240	9947	1017	10535	9235			
10	DJF 161068	16-1068	XY 090035	AM 120179	6.1	11065	9367	8969	11734	8950	9758	8740	9454	
11	DJF 161400	16-1400	AM 110046	DJF 092230	4.8	10557	7963	7972	12919	11447	9753			
12	DJF 171331	17-1331	DJF 137836	AM 120027	3.5	11759	8560	8670	11117	10344	9752			
13	DJF 171335	17-1335	ASE 130009	DJF 102319	0.0	9845	9159	8969	10020	11444	9349	9822	9244	
14	DJF 194801	19-4801	VZ 100073	DKH 110039	0.0	11051	8166	9547	11325	10126	9344	9128	9141	
15	DJF 194827	19-4827	AM 110061	DJF 141434	1.5	6756	11372	9662	10225	11042	9753	10620	9846	
16	DJF 194855	19-4855	AM 110061	SW 110088	3.8	8365	11374	7665	11034	10143	9657	10424	9750	
17	DJF 194863	19-4863	AM 150095	DJF 157223	5.4	11254	9470	9557	11015	9037	9950			
18	DJF 194864	19-4864	AM 110061	DKH 140214	4.6	10164	9672	8756	11232	10042	9755	9324	9649	
19	DJF 194867	19-4867	AM 150095	DJF 157231	6.8	10956	9270	9459	11216	9637	9950			
20	DJF 194872	19-4872	AM 110061	DJF 100630	0.0	9458	10770	7362	9926	10544	9354			
21	DJF 194892	19-4892	AM 150045	DJF 171331	4.7	10656	8369	9047	11416	10037	9148			
22	DJF 216280	21-6280		DJF 180820	0.0	10124	10764	10633	865	8920	9633			
23	DJF 216286	21-6286		DJF 181376	0.0	9529	11065	10132	8311	9522	9435			
24	DJF 216295	21-6295	AM 150045	AM 150162	5.5	9954	9273	9247	11320	10932	9948	8823	9743	
25	DJF 216309	21-6309	AM 150045	AM 150086	5.7	9354	9773	8149	11220	10632	9348	8323	9043	
26	DJF 216321	21-6321	AM 160233	AM 170118	6.2	10253	8571	9645	10516	11024	9345			
27	DJF 216330	21-6330	AM 160233	AM 170246	5.6	9553	8772	11747	10421	10130	9747	8024	9342	
28	DJF 216334	21-6334	AM 150045	AM 160229	5.2	11454	7973	9048	11320	10932	9648	8325	9343	
29	DJF 216342	21-6342	AM 140143	DJF 079961	0.0	10042	9669	11350	8322	11036	9946	10523	10041	
30	DJF 216347	21-6347	AM 150045	DKH 110039	7.8	11655	8173	8352	12126	10233	9750	8430	9446	
31	DJF 216384	21-6384	AM 160233	GU 161000	4.7	11143	7867	10738	10313	10824	9740			
32	DJF 216389	21-6389	AM 150045	AM 160186	8.4	10554	8973	9847	10921	9932	9648	7323	9143	
33	DJF 216393	21-6393DJF		AM 170086	0.0	11165	9366	10336	9316	9326	9345	8921	9140	
34	DJF 216398	21-6398DJF		AM 120147	0.0	10465	9967	10940	9026	9326	9746	9920	9741	
35	DJF 219491	21-9491	AM 140143	DJF 127778	1.1	9944	8668	10850	9514	11934	9945			
36	DJF 219500	21-9500	AM 110061	DJF 133757	0.4	9250	9369	9551	10425	10337	9048			
37	DJF 219506	21-9506	AM 110061	AM 150091	4.2	9660	9872	8753	10325	10838	9652	9327	9447	
38	DJF 220599	DJF 220599	DJF 127782	DJF 194861	0.6	8666	10669	9736	10414	9626	9546			
39	DJF 220612	DJF 220612	DJF 127782	AM 160037	0.7	11367	8667	11135	10413	8526	9345			
40	DJF 220618	DJF 220618	DJF 181354	DJF 161400	2.6	10065	8268	10442	11212	11226	9946			
41	DJF 220626	DJF 220626	DJF 127782	DJF 181325	0.2	11063	7668	10333	1135	10425	9543			
42	DJF 220638	DJF 220638	DJF 181354	DJF 161029	1.3	9765	9069	10544	10311	10728	9747			

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	Growth Value	Prod Value	
Sorted on ID						Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	
						★★★★								
43	DJF 220665	DJF 220665	DJF 127782	DJF 194889	0.2	9165	10369	9934	10112	9722	9644			
44	DJF 220677	DJF 220677	AM 150085	DJF 180832	2.2	10866	9169	8945	9917	11428	9848	8921	9643	
45	DJF 220678	DJF 220678	DJF 127782	DJF 194857	0.6	8666	9870	9136	11713	9624	9345			
46	DJF 220686	DJF 220686	DJF 127782	DJF 161068	0.6	9666	9669	9438	11015	9028	9147	9320	9042	
47	DJF 220690	DJF 220690	DJF 181354	DJF 161003	1.9	9964	9167	11441	10011	9826	9745			
48	DJF 226497	DJF 226497	DJF 127782	DJF 194863	0.6	10465	8768	9932	1118	9022	9043			
49	R 160150	R 160150	R 080040	R 070006	8.9	9774	9474	9858	11028	10336	9956	9027	9750	
50	R 160164	R 160164	R 110121	R 090228	3.2	7574	9374	10860	10728	11236	9356	10034	9352	
						★★★★☆								
1	AM 150166	AM15166	ASE 090026	W 110035	5.4	9581	10777	11172	7444	7950	8465	9437	8359	
2	AM 160123	AM160123	AM 100112	W 100012	15.0	11076	9478	7276	9330	10349	8563	6441	7959	
3	AM 160187	AM160187	W 060015	W 080020	11.0	11775	9175	8962	11234	7342	8859	6340	8155	
4	AM 170143	AM 170143	HBH 140025	AM 140135	5.7	9476	10077	8870	8533	10544	8561	9839	8657	
5	AM 190024	AM 190024	H 050089	H 060082	7.0	9977	9367	8170	11548	9450	8861	9148	8758	
6	DJF 127775	12-7775	DJF 079960	DJF 064023	0.0	10229	8432	9936	1017	9929	8628			
7	DJF 127793	12-7793	DJF 079960	DJF 014958	0.0	10228	8330	9933	1017	9428	8227			
8	DJF 161029	16-1029	AM 110046	DJF 127794	0.5	10454	8065	8575	11914	10148	8854			
9	DJF 161034	16-1034	AM 110046	DJF 137827	2.7	10855	7949	8251	11915	9545	8445			
10	DJF 171327	17-1327	AM 110046	DJF 079961	0.0	9251	9157	10066	10514	9746	8749			
11	DJF 194811	19-4811	AM 150095	GH 120043	3.9	12059	7572	8861	12226	8738	8753	8024	8447	
12	DJF 194813	19-4813	AM 150045	DJF 161400	6.0	11155	7772	7858	12316	10138	8851			
13	DJF 194840	19-4840	AM 150045	DJF 161029	3.2	11654	6672	8459	12315	9538	8151			
14	DJF 194848	19-4848	AM 110061	DJF 141427	0.0	10057	9271	7162	10926	9543	8154			
15	DJF 194877	19-4877	AM 110061	W 100047	4.7	10565	9673	7165	11226	8943	8556	6822	8049	
16	DJF 216290	21-6290	AM 160182	AV 170056	3.3	10438	8669	8743	9615	9726	8041			
17	DJF 216317	21-6317	AM 160182	DJF 171373	3.3	10845	7669	10044	10518	9429	8344			
18	DJF 216320	21-6320	AM 160182	AV 170027	3.9	9342	9369	9943	9515	9128	8143			
19	DJF 216323	21-6323	AM 160182	DJF 180823	3.8	11545	7769	8744	10018	10228	8244	8920	8139	
20	DJF 216332	21-6332	AM 160182	DJF 171329	4.2	11244	6869	9344	11018	10730	8544			
21	DJF 216333	21-6333	AM 160182	DJF 180835	2.6	11043	8569	9344	9518	9428	8343	9320	8238	
22	DJF 216348	21-6348	AM 170012	AM 160073	5.6	8953	10271	10047	9722	7732	8047	9025	7943	
23	DJF 216354	21-6354	AM 150045	XY 100042	6.4	10757	7673	9250	12527	8734	8450	8230	8146	
24	DJF 216359	21-6359	AM 150045	W 140032	8.3	10554	7973	9549	11423	8531	8048	8121	7843	

Selection List on Cow Values

Cows 2 years and older

IDName			Sire ID	Dam ID	% Inbreeding	Calving Ease Value	Calf Growth Value	Milk Value	Maint. Value	Fertility Value	Cow Value	Growth Value	Prod Value	
Sorted on ID						Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	
						★★★★								
25	DJF 216362	21-6362	AM 160182	DJF 180832	2.7	10545	8970	8847	9818	9929	8545			
26	DJF 216385	21-6385	AM 150045	AM 160123	8.4	10854	8573	8150	10619	10032	8648	7423	8143	
27	DJF 219487	21-9487	W 150014	W 150022	7.8	9951	8365	9940	11118	8625	8142	7220	7738	
28	DJF 220597	DJF 220597	DJF 127782	DJF 194812	0.6	12165	6169	8834	12410	9524	8144			
29	DJF 220598	DJF 220598	AM 150092	AM 170184	7.9	12370	8271	9145	10920	8129	8750	8320	8444	
30	DJF 220611	DJF 220611	DJF 127782	DJF 194813	0.6	11065	6969	9233	1238	9623	8344			
31	DJF 220614	DJF 220614	DJF 127782	W 120047	0.7	10369	7670	10544	11321	8727	8249			
32	DJF 220636	DJF 220636	DJF 181354	DJF 137827	1.4	9666	8948	9540	9911	10828	8941			
33	DJF 220645	DJF 220645	DJF 127782	DJF 194867	0.6	10165	8269	10033	1148	9322	8844			
34	DJF 220646	DJF 220646	AM 150092	AM 160175	8.3	10670	9671	8347	11521	7130	8350	7623	7945	
35	DJF 220655	DJF 220655	DJF 181354	DJF 141423	4.3	8567	10169	10644	10017	8528	8748			
36	DJF 220657	DJF 220657	OL 150296	DJF 171327	0.8	9463	8466	10833	1076	9723	8842			
37	DJF 220658	DJF 220658	AM 150085	W 160025	5.9	7969	11451	8643	9320	9029	8544	6725	7940	
38	DJF 220670	DJF 220670	DJF 127782	DJF 194811	0.5	10865	7669	9534	11813	8823	8444			
39	DJF 220680	DJF 220680	AM 150092	AM 170064	6.3	8969	9855	8140	12021	8328	8344	8622	8240	
40	DJF 226438	DJF 226438	AM 150092	AM 150177	5.2	11670	7771	7946	12020	9530	8650	7523	8245	
41	R 160213	R 160213	R 130166	R 130107	5.0	8774	10474	10056	8933	9738	8956	8924	8750	
42	W 120047	W1247	JM 030069	W 090054	15.0	9681	7980	11082	10943	8548	8067	6430	7460	
						★★★								
1	AM 160047	AM160047	R 110167	AM 130193	7.0	9575	7275	12568	12327	7045	7960	8232	7654	
2	AM 160073	AM 160073	XY 090035	AM 060014	6.3	10276	9568	8872	9639	6849	7161	8940	7057	
3	AM 160118	AM160118	AM 100112	W 090034	9.9	8876	10175	8562	9637	7648	7161	8642	7057	
4	AM 170118	AM 170118	W 120038	W 070049	30.8	11076	6567	7370	12022	10536	7456			
5	DJF 137827	13-7827	DJF 079960	DJF 014935	0.9	11255	6953	6564	11516	10546	7348			
6	DJF 194874	19-4874	AM 110061	DJF 141423	4.6	9062	9372	7363	11926	7742	7255	8121	7048	
7	DJF 216338	21-6338	AM 160182	DJF 171344	4.5	10943	7569	8841	10418	8528	7143			
8	DJF 216392	21-6392DJF		DJF 137827	0.0	11461	8564	8032	978	8824	7642			
9	DJF 219508	21-9508	W 150037	OL 170286	1.6	10338	8966	10137	10016	7229	7640			
10	DJF 220621	DJF 220621	AM 150092	AM 170107	8.9	10470	7971	8147	11420	9128	7750			
11	DJF 220676	DJF 220676	AM 150092	AM 160123	12.1	11670	8271	7148	10619	8529	7350	6520	6844	
12	DJF 226443	DJF 226443	AM 150092	AM 150077	7.2	10669	8770	8145	10520	8530	7749	7820	7443	
13	W 140032	W 1432	ASE 090026	W 100053	5.7	10077	8977	9875	10545	7249	7764	8138	7459	
14	W 160014	W 16 14	AM 110109	W 100033	6.7	9574	7869	8173	11528	9246	7159	6436	6654	

Selection List on Cow Values

Cows 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		
					★★★									
15	W 160025 W 160025	AM 080069	W 100047	13.2	9475	10762	7966	9928	6746	7456	4137	6452		
					★★★									
1	DJF 141423 14-1423	W 070047	W 090019	8.7	8666	9069	9074	11932	5849	6459	6932	6054		
2	DJF 220619 DJF 220619	AM 150092	AM 160073	8.0	12070	7370	8047	11222	6730	6550	7422	6244		

LCV: Logix Cow Value (Combination of EBVs based on measurements of cows and calves on the farm)

Sub-values	Calving Ease		Calf Growth	Milk	Maintenance	Fertility			
Traits for which breeding values (EBVs) and EBV indices (EBVi) are estimated	Birth weight  Calf's genetic potential for birth weight	Mat. Birth weight  Cow's genetic ability to limit calf weight	Weaning weight  Calf's genetic potential for growth	Milk  Mothering ability of cow	Mature weight  Mature weight + Milk	Longevity  Stayability	Heifer Fertility  Age at 1st calving	Cow Fertility  ICP	
	Interpretation	Calving Ease		Calf growth	Milk	Maintenance	Fertility		
	Sub-value above 100	Easier calving		Heavier weaner calf	More milk	Lower maintenance	More fertile and retained in herds		
	Sub-value below 100	Difficult calving		Lighter weaner calf	Less milk	Higher maintenance	Less fertile and culled early		
	Birth weight	Mat. birth weight	Weaning weight	Milk	Cow weight	Longevity	Heifer Fertility	Cow Fertility	
Higher EBV	Heavier weight	Heavier weight	Heavier weight	More milk	Heavier weight	Family remains longer	Later calving	Longer ICP	
Lower EBV	Lighter weight	Lower weight	Lighter weight	Less milk	Lighter weight	Family culled earlier	Earlier calving	Shorter ICP	
Optimum EBV	Lower intermediate	Lower intermediate	Higher	Higher	Higher intermediate	Higher	Lower	Lower	
Optimum EBV/index*	Higher intermediate	Higher intermediate	Higher	Higher	Higher intermediate	Higher	Higher	Higher	

*EBV index above 100 is in a more favourable direction and better than breed average (100).

LGV: Logix Growth Value (Combination of EBVs based on bulls measured in growth tests)

Traits for which breeding values (EBVs) and EBV indices (EBVi) are estimated	ADG  Average daily gain	Kleiber Ratio  Growth efficiency	FCR  Feed conversion ratio	Scrotal circumference  Bull fertility	Height  Shoulder/Hip height	Length  Body length	Carcass  Dressing%, Red Meat Yield and Marbling from RTU Measurements
Interpretation	ADG	Kleiber ratio	Feed conversion ratio	Scrotal circumference	Height	Length	Carcass
Higher EBV	More growth	More efficient on veld	Higher intake per kg gain	Larger scrotum	Taller animal	Longer animal	More
Lower EBV	Less growth	Less efficient on veld	Lower intake per kg gain	Smaller scrotum	Shorter animal	Shorter length	Less
Optimum EBV	Higher	Higher	Lower	Higher	Intermediate	Intermediate/high	Higher
Optimum EBV index	Higher	Higher	High	Higher	Higher intermediate	Higher intermediate	Higher

LPV: Logix Production Value (Combination of LCV and LGV)

