

BONSMARA

GENOMIC BREEDING VALUE REPORT

August 2026



LAMUS BONSMARA

Herd Number: 637028

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EBVs, EBVi's and GEBVs

EBVi (Breeding Value Index): Genetic potential relative to the average (100) of the live (active) animals in the breed. Roughly 50% of the animals have values between 90 and 110. Values above 100, depending on the trait, tend to be in the more favourable direction.

EBV (Breeding Value): Genetic potential relative to the average of the animals born in the base year (1990), expressed in the unit of measurement.

GEBV (Genomic Breeding Value) Interpreted like the EBVi. (GEBV = EBV + Genomic information)

LOGIX Selection values combine different breeding values in a logical way. For example, Heifer Fertility (how early a heifer starts calving), Cow Fertility (how regular she calves) and Longevity (retention within the family) are combined to form the Fertility Value.

Selection Values

LOGIX Cow Value



Selecting for:

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

LOGIX Weaner Calf Value



Select for:

- heavy weaners
- more milk and
- lower birth and
- cow weights

LOGIX Production Value



80% LOGIX Cow Value +
20% LOGIX Growth Value

LOGIX Growth Value



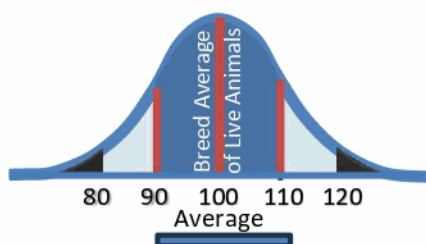
Select for efficient growers on veld and in feedlot, as measured in Phase C and D Growth Tests.

LOGIX Carcass Value

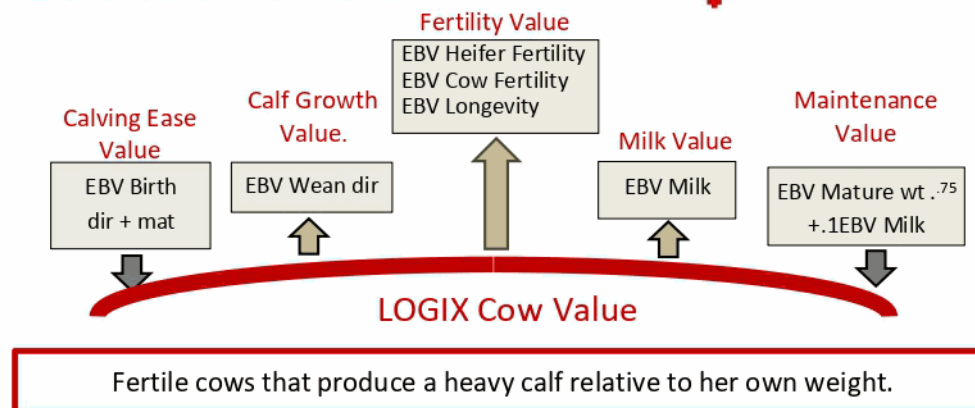


Select for more meat on the carcass as measured from end weight in Phase C and D Growth Tests and RTU scanning.

Interpretation of EBVi and Selection Values



LOGIX Cow Value



How to use the Cow Value

Selection values should be compatible with your selection goal.

AVERAGE ANIMALS

(NO GROWTH EXTREMES)

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

GROWERS

(GOOD ENVIRONMENT)

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

LOW- MAINTENANCE ANIMALS

(HARSH ENVIRONMENT)

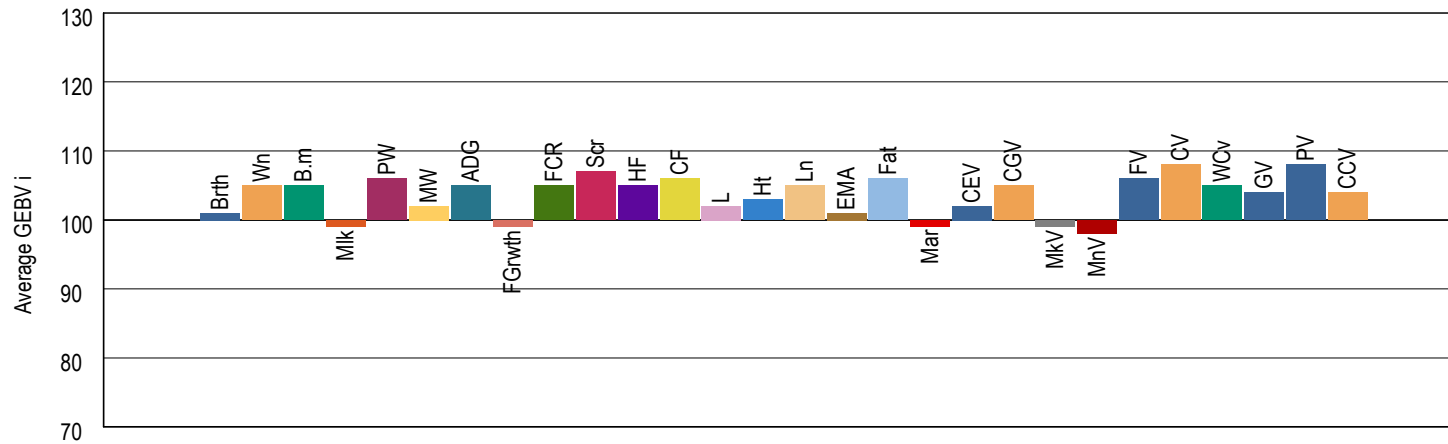
- Maintenance Value >110
 - Cow Value and Fertility Value average to high
- Lighter cows have a lower maintenance.

Examples

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

	EBVi	Description / Measurement	Goal	Low Value	High Value
Selection Values	Calving Ease Value	Difficult calving due to high birth weight	Average birth weight	High	Low
	Calf Growth Value	Calf's genetic ability for prewean growth	Heavy weaner	Light	Heavy
	Milk Value	Cow's genetic mothering and milking ability	Enough milk for calf	Less	More
	Maintenance Value	Maintenance requirement of cow (weight and milk)	Low cow maintenance	High	Low
	Fertility Value	Fertility and retention of cows and heifers	Fertile cows	Low	High
	Cow Value	Combination of calving ease, calf growth, milk, maintenance and fertility values (Rand-value per Ha)	Profitable cows	Loss	Profit
	Weaner Calf Value	Heavier weaners and more milk, with lower birth and cow weights	Heavy weaner	Light	Heavy
	Growth Value	Efficient growth on veld and in feedlot (Rand-value per animal)	Profitable growth	Loss	Profit
	Production Value	Combination of Cow- and Growth Values (Rand-value)	Profitable animals	Loss	Profit
	Carcass Value	Meat on carcass (Weight and RTU EBVs)	Meat on carcass	Less	More
Birth	Cow weight - birth	Cow weight at birth of calves	Mature cow weight	Light	Heavy
	Birth weight direct	Birth weight (Calf's genetic ability)	Average birth weight	Heavy	Light
	Cow-Calf birth	EBV Birth dir / EBV Mature cow weight	Average	Low	High
Wean	Cow Weight wean	Cow weight at weaning of calves	Mature cow weight	Light	Heavy
	Weaning weight direct	Weaning weight (Calf's genetic ability)	Heavy weaners	Light	Heavy
	Weaning weight mat	Weaning weight (Dam's genetic ability)	Good mothers	Poor	Good
	Cow-Calf Wean	EBV Wean dir / EBV Mature cow weight	High cow-calf ratio	Low	High
Growth & Adaptation	Post-Wean weight	12- and 18mnth weights	Post-wean growth	Low	High
	Ave. Daily Gain	Average daily gain in growth test (Phase C and D)	Good growth	Poor	Good
	Veld Growth	ADG on veld (Phase B)	Good adaptation	Poor	Good
	Feed Conversion Ratio	100g feed intake / g weight gain	Feed Efficiency	Poor	Good
	Final Test Weight	Final weight in growth test (Phase C and D)	Heavy Carcasses	Light	Heavy
	Skin Thickness	Measured in growth tests	Thicker skin	Thin	Thick
Fertility	Scrotal Circumference	Scrotal circumference in growth test	Fertile bulls	Less	More
	Heifer Fertility	Age at first calving	Fertile heifers	Less	More
	Cow Fertility	First 3 inter-calving periods (ICPs)	Fertile cows	Less	More
	Longevity	Retention of progeny	Acceptable progeny	Poor	Good
Frame	Height	Shoulder / Hip height in growth test	Average height	Short	Tall
	Length	Length in growth test	Longer (more meat)	Short	Long
	Length:Height	EBV Length / EBV Height	Longer, not higher	Less desirable	More desirable
Carcass	Eye Muscle Area	RTU Eye muscle area	Muscle in carcass	Small	Big
	Fat	RTU P8 Backfat Thickness	Carcass quality & adaptability	Thin	Thick
	Marbling	RTU % Marbling	Juicy meat	Low	High
	Dressing%	Carcass weight / Live weight	High dressing %	Low	High

Herd and Breed Averages



Genomic Breeding Values (GEBVs):

Brth:	Birth weight	Scr:	Scrotal circumf.
Wn:	Weaning weight	HF:	Heifer Fertility
B.m:	Birth maternal	CF:	Cow Fertility
Mlk:	Milk	LL:	Longevity
PW:	Post-wean weight	Ht:	Height
MW:	Mature weight	Ln:	Length
ADG:	Average Daily Gain	EMA:	Eye Muscle
FGwth	Veldgrowth	Fat:	Fat
FCR:	Feed Conversion Ratio	Mar:	Marbling

Selection Values:

CEV:	Calving Ease Value
CGV:	Calf Growth Value
MkV:	Milk Value
MnV:	Maintenance Value
FV:	Fertility Value
CV:	Cow Value
WCV:	Weaner Calf Value
GV:	Growth Value
PV:	Production Value
CCV:	Carcass Value

	Trait	EBV Herd	EBVi Herd	EBV Breed
Prewrite Growth	Birth Weight	0.86	101	0.98
	Wean Weight	17.8	105	14.9
	Birth Mat.	-0.50	105	-0.28
	Milk (Wn.Mat.)	3.3	99	3.7
Postwean Growth	Postwean Wt	30	106	25
	Mature Weight	25	102	22
	ADG	99	105	79
	VeldGrowth	34	99	35
	FCR	-44	105	-37
Fertility	Scrotal Circumf.	17	107	13
	Heifer Fertility	-11.9	105	-9.1
	Cow Fertility	-1.59	106	-0.55
	Longevity	33.0	102	31.7
Frame	Height	-1.1	103	-3.1
	Length	18.1	105	13.6
Carcass	EMA	0.807	101	0.685
	Fat	0.962	106	0.046
	Marbling	-0.133	99	-0.069

Selection Value	Ave. Herd
Calving Ease	102
Calf Growth	105
Milk	99
Maintenance	98
Fertility	106
Cow Value	108
Weaner Calf Value	105
Growth Value	104
Production Value	108
Carcass Value	104

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

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

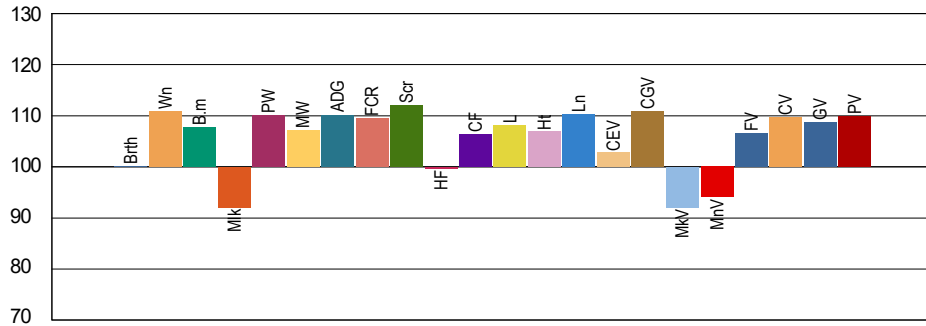
Calving ease:	Smaller calf at birth - easier calving
Calf growth:	Heavier calves at wean due to growth potential of the calf
Milk:	Cows with more milk and better mothering ability
Maintenance:	Animals with low maintenance requirements (lower mature weight).
Fertility:	Cows/daughters that calve earlier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

Genetic Windows

Bulls on the farm

Bulls born in 2023 and earlier

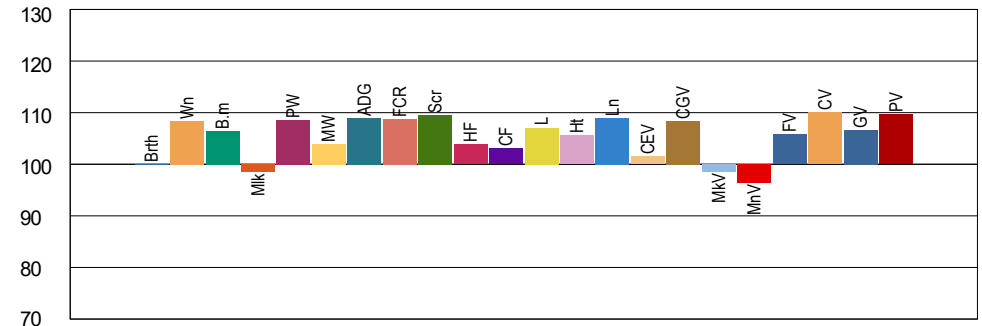
Total: 45



Cow Herd

Cows born in 2024 and earlier

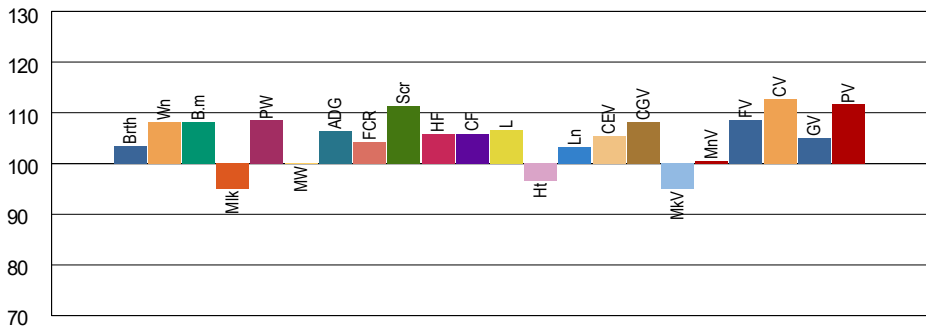
Total: 352



Sires of young animals

Sires of animals 3 years and younger

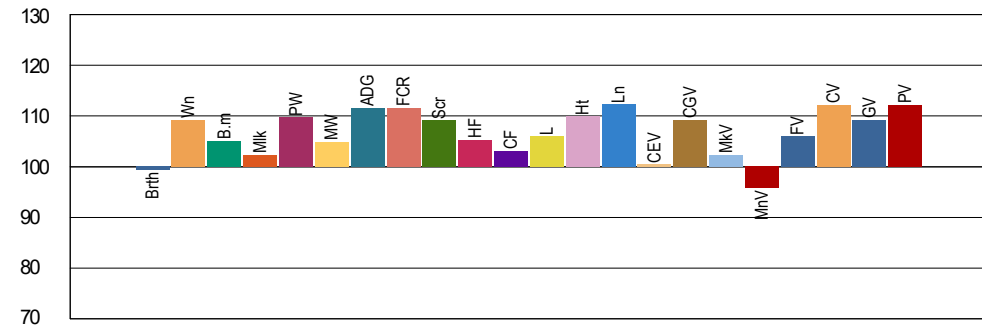
Total: 20



Cows older than 6 years

Cows born in 2020 and earlier

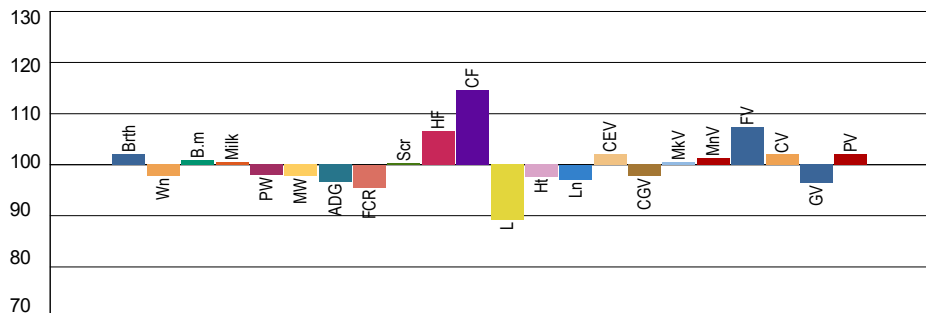
Total: 146



Bull calves

Bulls born in 2025

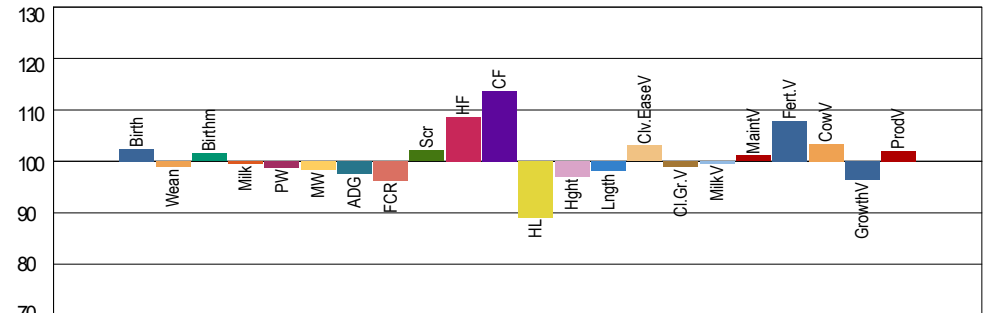
Total: 102



Heifer calves

Heifers born in 2025

Total: 92

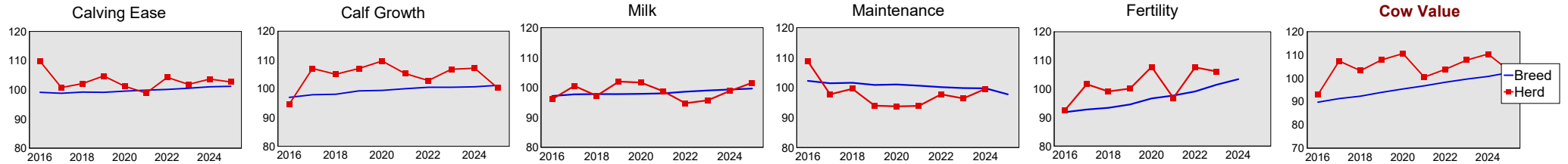


Summary of Cow Herd

			Selection Values (SV)								Calf Weight		Dam		Growth & Efficiency				Fertility				Frame	
Birth Year	No. Cows	Average Cow Value	Calving Ease	Calf Grwth	Milk	Maint.	Fertility	Cow Value	Growth Value	Prod Value	Birth Weight	Wean Weight	Birth Mat.	Milk (Wn.Mat)	Postwn Weight	Mature Weight	ADG	FCR	Scrotal Circumf.	Heifer Fertility	Cow Fertility	Longevity	Height	Length
Cows in Breed Average:			100	99	100	100	100	100	99	100	100	99	100	100	99	100	100	100	100	100	100	100	101	100
2009	1	★★★★	80	107	68	94	128	92	81	88	84	107	86	68	103	107	85	115	127	123	126	103	120	103
2010	1	★★★★☆	93	112	68	93	100	89	105	90	92	112	132	68	111	108	109	117	99	113	98	91	122	110
2011	9	★★★★	87	108	106	91	92	97	108	99	82	108	105	106	108	109	109	111	99	89	102	94	117	112
2012	6	★★★★☆	99	101	112	89	105	104	108	105	100	101	94	112	106	111	110	108	101	103	105	101	119	112
2013	11	★★★★☆	105	100	101	101	108	106	103	105	102	100	111	101	100	100	107	118	113	106	104	106	112	112
2014	10	★★★★	92	104	98	97	100	97	101	96	90	104	104	98	104	104	101	104	99	103	101	96	108	105
2015	9	★★★★★	105	105	97	102	110	111	108	111	102	105	109	97	108	98	108	109	112	114	102	107	103	104
2016	14	★★★★☆	109	98	98	110	107	108	95	105	107	98	114	98	98	90	99	106	107	114	101	105	101	99
2017	12	★★★★☆★	102	115	103	95	110	121	122	123	104	115	97	103	118	106	122	116	117	110	104	108	111	121
2018	14	★★★★☆	101	108	105	95	98	108	111	109	101	108	107	105	110	106	114	116	117	89	100	109	108	110
2019	19	★★★★★	98	114	108	92	105	117	113	117	98	114	100	108	112	109	117	110	108	105	100	109	109	116
2020	40	★★★★☆★	102	116	102	93	111	122	113	121	101	116	106	102	116	108	116	113	109	109	106	109	112	117
2021	26	★★★★☆	99	110	100	91	100	106	109	107	96	110	105	100	110	110	111	111	111	101	96	108	104	109
2022	52	★★★★☆	106	102	93	99	109	105	99	103	105	102	105	93	102	101	103	104	107	106	105	109	100	103
2023	78	★★★★★	101	110	94	96	108	110	104	109	99	110	108	94	109	104	107	107	112	102	107	106	105	108
2024	69	★★★★★	102	109	100	98	104	111	110	112	100	109	106	100	110	102	110	107	109	103	99	109	102	108
2025	92	★★★★☆	103	99	100	101	108	103	96	102	102	99	102	100	99	98	98	96	102	109	114	89	97	98
Cows in Herd Average:			99	107	97	96	106	106	105	106	98	107	105	97	107	104	107	107	109	106	104	103	109	109

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.



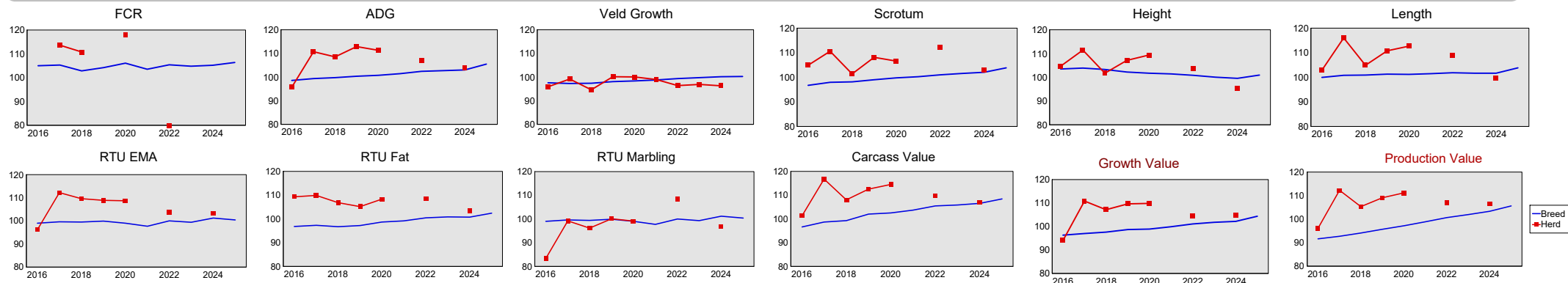
Herd

Birth Year	Calving Ease				Calf Growth			Milk			Maintenance						Fertility								Cow Value
	Birth Weight		Calv. Ease	Dir EBV	Mat EBV	Weaning Weight		Calf Growth	Milk (Wn.Mat.)		Postwean Weight		Mature Weight		Mainte-nance	Heifer Fert.		Cow Fert.		Longevity		Ferti-lity			
	Number					Number	EBV		Number	EBV	Milk	Number	EBV	Number		EBV	Number	EBV	Number	EBV	Number		EBV	Number	
2016	154	0.19	-0.73	110		142	12.0	95	142	2.54	96	78	22.1	36	6	109	40	-9.4	35	1.0	145	24.1	93	93	
2017	179	0.92	-0.31	101		151	18.7	107	151	3.90	101	103	34.4	36	31	98	37	-15.1	29	0.3	167	26.7	102	107	
2018	209	0.94	-0.64	102		184	17.6	105	184	2.89	97	98	30.3	33	25	100	36	-8.3	33	-0.3	198	29.0	99	103	
2019	220	0.54	-0.35	105		206	18.7	107	206	4.33	102	112	33.8	29	37	94	37	-10.0	29	-0.5	203	29.1	100	108	
2020	241	0.96	-0.47	101		218	20.1	110	218	4.24	102	121	37.1	48	34	94	52	-12.5	48	-1.6	201	30.0	108	111	
2021	215	1.43	-0.56	99		186	17.8	105	186	3.35	99	66	33.5	32	39	94	36	-8.9	27	0.4	183	29.1	97	101	
2022	216	0.68	-0.51	104		188	16.5	103	188	2.11	95	127	29.3	46	22	98	69	-10.9	12	-1.8	31	28.6	108	104	
2023	177	0.98	-0.61	102		161	18.6	107	161	2.41	96	76	32.1			96	14	-5.8					106	108	
2024	141	0.72	-0.54	104		129	18.8	107	129	3.37	99	50	32.3			100								110	
2025	192	0.74	-0.34	103		83	15.1	100	83	4.20	102													103	

Breed

Birth Year	Calving Ease				Calf Growth			Milk			Maintenance						Fertility								Cow Value			
	Birth Weight		Calv. Ease	Dir EBV	Mat EBV	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	Milk	Number	EBV	Number		EBV	Number	EBV	Number	EBV	Number		EBV	Number		EBV		
2016	43611	1.05	-0.23	99		35930	13.3	97		35930	2.86	97		25541	22.8	6538	22	102		8135	-6.1	6285	-0.1	45500	22.9	92		90
2017	45324	1.08	-0.23	99		37532	13.8	98		37532	3.04	98		26133	23.7	6680	22	101		8519	-6.4	6592	-0.1	46599	23.9	93		91
2018	43024	1.06	-0.27	99		35840	13.9	98		35840	3.05	98		24987	23.8	6623	22	102		7935	-6.5	6325	-0.1	43918	24.6	93		92
2019	43001	1.07	-0.28	99		35098	14.5	99		35098	3.05	98		24660	24.8	6810	23	101		8160	-6.9	6621	-0.1	43260	25.5	95		94
2020	43048	1.04	-0.30	100		35835	14.6	99		35835	3.07	98		26174	24.9	7371	23	101		8567	-7.8	6863	-0.3	43228	26.4	97		95
2021	43186	1.01	-0.32	100		35924	14.9	100		35924	3.12	98		26569	25.7	6800	23	101		8458	-7.8	5918	-0.3	39966	27.5	98		97
2022	43242	0.99	-0.31	100		36531	15.2	101		36531	3.30	99		26864	26.2	5809	24	100		8180	-8.3	2754	-0.5	12132	27.5	99		98
2023	44373	0.96	-0.32	100		37219	15.2	101		37219	3.42	99		26568	26.3	1703	23	100		4475	-9.2	92	-1.4			101		100
2024	42929	0.89	-0.31	101		35753	15.3	101		35753	3.52	99		25606	26.3	3	16	100		182	-10.3					103		101
2025	44412	0.89	-0.31	101		31486	15.6	101		31486	3.62	100		6921	28.3			98										102
2026	13358	0.89	-0.28	101		286	13.7	98		286	4.43	102																101

Genetic Trends for Growth Test and Carcass Traits



Herd

Birth Year	Growth												Frame						Carcass								Selection Values		
	FCR			ADG			Veld Growth			Scrotum			Height			Length			EMA			Fat		Marbling			Carcass Value	Growth Value	Prod Value
	Number	EBV	EBVi	Number	EBV	EBVi	Number	EBV	EBVi	Number	EBV	EBVi	Number	EBV	EBVi	Number	EBV	EBVi	RTU Number	EBV	EBVi	EBV	EBVi	EBV	EBVi				
2017	21	-59	114	36	120	111	67	34	99	36	19.1	111	36	6	111	36	28	116	36	1.91	112	1.61	110	-0.13	99	117	111	112	
2018	15	-54	111	30	112	109	67	23	95	30	13.5	101	30	-2	102	30	18	105	28	1.65	110	1.14	107	-0.38	96	108	107	105	
2019				43	128	113	69	36	100	43	17.7	108	43	3	107	43	23	111	43	1.58	109	0.87	105	-0.06	100	113	110	109	
2020	15	-66	118	47	122	111	72	36	100	47	16.7	107	47	4	109	47	25	113	43	1.56	109	1.38	108	-0.13	99	115	110	111	
2021							66	33	99																				
2022	2	7	75	44	107	107	83	27	96	44	20.2	112	44	0	104	44	22	109	44	1.06	104	1.40	109	0.64	108	110	105	107	
2023							50	28	97																				
2024				23	95	104	27	27	96	23	14.6	103	23	-7	95	23	13	100	23	0.99	103	0.58	103	-0.33	97	107	105	106	
2025																													

Breed

Birth Year	Growth												Frame						Carcass								Selection Values		
	FCR			ADG			Veld Growth			Scrotum			Height			Length			RTU Number	EMA		Fat		Marbling		Cracss Value	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						
2017	659	-45	105	8459	77	99	16296	29	97	9041	11.6	98	8541	0	104	8457	14	101	3129	0.62	99	-0.38	97	-0.10	100	99	97	93	
2018	628	-41	103	8227	78	100	15436	30	97	8717	11.7	98	7978	-1	103	7980	14	101	2986	0.82	101	-0.48	97	-0.12	99	99	98	94	
2019	628	-44	104	8521	81	100	14841	31	98	8900	12.2	99	8361	-1	102	8364	15	101	3151	1.18	105	-0.39	97	-0.08	100	102	99	96	
2020	636	-47	106	8817	82	101	15894	32	98	9374	12.6	100	8824	-2	102	8827	15	101	4040	0.99	103	-0.16	99	-0.15	99	102	99	97	
2021	664	-43	104	8962	85	101	16263	33	99	9619	12.9	100	9225	-2	101	9224	15	102	3802	1.06	104	-0.08	99	-0.26	98	104	100	99	
2022	728	-46	105	8922	89	102	16330	34	99	9812	13.4	101	9649	-2	101	9652	15	102	4279	1.16	105	0.12	100	-0.07	100	106	101	101	
2023	763	-45	105	8756	90	103	16126	35	100	9664	13.7	102	9747	-3	100	9738	15	102	4124	1.25	106	0.18	101	-0.12	99	106	102	102	
2024	819	-45	105	8544	91	103	15362	36	100	9127	14.0	102	9262	-3	100	9173	15	102	4523	1.21	105	0.17	101	0.03	101	107	102	103	
2025	275	-47	106	2600	100	106	4079	36	100	2545	15.1	104	2687	-2	101	2650	17	104	1536	1.23	105	0.43	102	-0.04	100	108	104	106	
2026																													

Sires

Bull			Selection Values									Birth			Wean				Grwth & Adaptation					Fertility				Raam		Carcass			Progeny																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
Index EBV Acc	Genomic	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Weaner Calf V	Growth Value	Prod. Value	Carcass V	Cow wt birth	Birth wt	Cow-Calf birth	Cow wt wean	Wean wt	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thickn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling	Nr measured																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
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Sires

Bull			Selection Values									Birth			Wean				Grwth & Adaptation					Fertility				Raam		Carcass			Progeny						
Index EBV Acc	Genomic	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Weaner Calf V	Growth Value	Prod. Value	Carcass V	Cow wt brth	Birth wt	Cow-Calf birth	Cow wt wean	Wean wt	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling	Nr measured					
ID Comp.nr																																		Birth	Wean	Grwth Test	Dght & clvs (Weaned)		
BTM 160051 84482637	V	120134	102	102	104	81	101	98	98	109	99	118	121	101	112	122	102	104	94	111	103	113	103	134	106	89	105	110	101	107	128	143	56	31	28				
	V	120023	87	88	73	72	56	71	83	52	67	66	51	0.87	-3.3	70	91	78	78	72	88	73	78	34.5	91	68	-42	2.20	16.6	-2.7	-1.5	38.1	-2	19.5	3.52	6.92	-3.82	6	6
BTM 160072 84482827	WVW	130053	79	112	109	84	88	93	106	122	98	131	114	74	95	117	112	109	108	113	116	125	115	89	110	83	89	108	131	124	112	137	133	10	9				
	V	130091	78	80	64	63	46	63	75	42	59	54	42	3.65	-0.9	60	83	69	63	80	64	69	37.0	139	95	-61	-0.31	18.8	0.8	1.5	36.4	22	34.6	1.91	5.94	2.73		3	8
CEF 150479 82480500	CEF	100304	85	103	107	96	76	83	99	129	91	113	92	84	94	103	103	107	107	101	134	87	129	109	70	95	73	93	123	118	108	93	62	182	151				
	CEF	060200	96	97	90	88	72	83	94	68	80	82	12	2.67	-0.8	87	98	91	88	97	90	92	26.2	207	5	-84	0.85	-5.4	-6.5	4.3	27.7	15	29.4	1.50	-1.08	-3.25	12	41	75
CEF 160402 83594275		CEF 130317	111	114	87	95	116	119	110	129	123	125	98	116	97	104	114	87	99	119	127	92	115	77	123	122	108	98	103	110	97	116	127	79	66				
		CEF 120138	97	97	95	95	94	88	96	94	89	94	21	-0.69	-1.2	95	98	96	28	22.2	-0.3	71	41.9	183	16	-61	-0.93	26.2	-21.7	-2.0	30.8	0	22.7	0.37	2.58	2.25	12	20	45
CRV 120095 75431072	AG	060401	97	116	90	86	99	104	108	132	110	124	119	100	101	116	116	90	97	123	136	99	123	108	131	85	114	99	102	106	116	80	142	161	130				
	EI	050102	96	96	90	90	73	83	94	84	83	88	49	1.01	-1.7	88	98	92	90	96	90	92	45.5	216	33	-75	0.75	31.2	-0.5	-3.0	31.2	-1	19.4	2.25	-3.15	3.48	36	30	91
CRV 170257 85911246		CRV 110279	89	125	83	80	99	104	114	124	109	121	125	92	99	124	125	83	96	122	132	110	144	79	135	103	95	106	113	126	80	106	114	205	158				
		CRV 150411	97	98	94	93	92	88	96	93	89	94	57	1.80	-1.5	93	98	95	58	28.2	-1.5	65	44.8	199	59	-109	-0.81	33.5	-11.0	0.3	35.3	7	36.9	-1.36	1.04	1.11	38	6	8
CRV 180033 86844313		CRV 130440	82	118	110	91	61	90	119	119	95	120	111	62	101	108	118	110	120	113	125	100	119	113	96	71	60	108	103	113	110	89	116	21	21				
		CRV 140198	92	93	89	89	88	83	92	88	84	88	39	4.99	-1.8	88	93	90	89	93	89	90	36.8	172	37	-68	1.05	10.6	7.2	6.6	36.7	-1	25.3	1.73	-1.64	1.27		2	3
CRV 180044 86844354		MBT 110237	84	112	79	92	101	91	96	99	91	109	112	78	106	109	112	79	89	109	105	91	97	114	96	81	112	107	87	97	115	116	134	19	19				
		CRV 120353	93	94	91	91	89	85	93	90	86	90	39	3.26	-2.4	89	94	92	35	21.4	-2.7	47	33.3	100	14	-32	1.11	10.3	1.8	-2.8	36.3	-13	11.1	2.17	2.52	2.82	4	6	6
EB 200003 90315276	ZEF	170139	96	123	85	89	117	119	116	110	119	136	114	94	108	112	123	85	102	126	107	109	103	91	116	117	109	108	96	110	95	134	144	1	1				
	EB	170085	69	71	52	52	39	54	65	48	53	61	42	1.63	-2.6	55	74	59	40	27.1	-0.9	77	48.7	107	59	-41	-0.17	22.4	-18.7	-2.1	36.8	-6	22.3	0.20	5.40	3.65			
FCT 070121 65202756	FCT	040037	82	138	71	74	65	89	124	141	99	147	128	70	115	134	138	71	95	139	138	111	127	107	111	78	70	90	123	140	146	130	102	61	56				
	FCT	040144	93	93	86	85	70	80	91	67	77	56	62	4.11	-3.7	81	95	88	85	93	86	88	59.6	224	63	-80	0.74	19.2	3.3	4.9	25.8	16	49.5	5.29	4.85	0.11	17	14	66
FCT 080012 66935594	LAR	030376	95	88	131	110	99	102	100	82	97	95	93	95	91	88	88	131	124	91	86	97	99	74	93	102	104	92	114	108	93	101	66	55	50				
	FCT	030170	91	92	83	80	65	77	89	68	75	62	14	1.47	-0.3	78	94	85	4	8.4	13.2	131	16.9	26	29	-36	-1.14	8.5	-10.3	-1.3	26.8	8	21.0	-0.04	0.25	-2.94	8	12	52
HCO 090103 68368596	VV	030346	132	97	68	137	81	99	104	106	100	98	71	128	116	70	97	68	84	100	105	102	126	145	137	95	83	90	91	88	90	132	77	152	148				
	HJB	050332	96	97	93	92	76	84	95	73	82	86	-15	-1.99	-3.7	92	97	93	-23	13.5	-5.9	35	24.7	97	40	-80	2.80	34.9	-6.5	2.5	25.4	-10	2.8	-0.31	5.10	-2.05	40	40	162
HK 200042 91291203		ARB 140055	128	86	116	114	129	127	102	75	117	80	86	98	112	86	86	116	109	88	76	121	88	98	91	134	114	112	77	82	100	90	97	9	8				
		HK 180016	90	91	88	87	86	82	90	86	83	85	5	-1.90	-3.2	87	91	88	1	7.2	8.6	95	14.3	-10	87	-16	0.19	7.5	-28.3	-3.0	39.2	-22	-1.9	0.71	-1.60	-0.36			
HP 120237 76314681	LAR	060224	113	103	119	101	43	90	117	87	87	95	103	113	104	96	103	119	122	97	86	85	86	145	71	62	53	84	76	93	111	98	53	298	266				
	HP	050120	98	98	94	95	79	86	97	68	82	84	28	-0.42	-2.1	84	99	96	15	16.7	9.6	128	21.9	26	0	-14	2.80	-4.4	12.5	8.0	21.7	-22	7.1	1.81	-0.27	-4.01	74	71	180

Sires

Bull			Selection Values									Birth			Wean				Grwth & Adaptation					Fertility				Raam		Carcass			Progeny			
Index EBV Acc	Genomic	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Weaner Calf V	Growth Value	Prod. Value	Carcass V	Cow wt brth	Birth wt	Cow-Calf birth	Cow wt wean	Wean wt	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling	Nr measured		
ID Comp.nr																																		Birth	Wean	
																																			Grwth Test	Dght & clvs (Weaned)
HS 180284 87748661		HDT 150040 HS 130137	112	112	81	75	104	103	105	142	112	131	125	111	119	131	112	81	83	118	132	119	121	90	100	90	110	114	99	114	105	132	85	125	117	
			95	96	90	89	87	85	94	86	85	86	57	-0.17	-4.2	68	21.6	-2.0	32	41.2	200	82	-71	-0.20	12.6	-3.4	-2.3	40.0	-4	26.2	1.18	5.10	-1.33	9	11	
													88	97	92	89	96	90	92	94	86	85	87	87	87	84	90	87	87	86	86	86				
JJ 090048 69121820	JJ 020019 JJ 060086		119	107	112	89	83	110	116	104	109	109	113	117	118	111	107	112	110	108	106	110	122	102	106	81	89	101	107	108	91	113	86	36	35	
			89	90	82	79	61	75	87	59	72	56	42	-0.81	-4.0	38	18.4	7.5	98	31.9	104	60	-72	0.45	16.3	1.4	1.4	32.2	2	21.1	-0.21	2.06	-1.23	1	9	54
													79	92	83	79	90	82	84	82	63	28	52	71	70	61	38	84	68	64	53	58	52			
JJ 090101 69847689	JJ 050056 JJ 040075		89	120	106	93	96	114	121	100	111	111	107	90	93	105	120	106	120	114	101	97	104	85	86	94	97	104	116	119	116	108	92	13	11	
			83	83	76	73	57	70	80	54	67	45	33	2.00	-0.6	30	25.8	5.5	123	37.1	84	28	-43	-0.49	4.3	-5.7	0.0	34.0	9	30.4	2.32	1.24	-0.74	5	29	
													73	86	77	73	83	76	77	68	58	31	48	65	64	57	37	76	63	59	43	47	43			
JL 100198 71912539	AG 040310 EI 940254		100	92	109	112	92	94	97	91	92	93	90	96	102	87	92	109	108	96	84	99	77	99	103	95	94	97	100	91	115	79	122	173	157	
			97	97	93	93	78	85	96	70	82	84	10	1.44	-1.8	2	10.4	6.5	92	21.1	19	33	2	0.28	14.6	-6.5	0.6	29.9	-3	5.3	2.20	-3.34	1.77	22	39	139
													89	98	94	93	97	93	94	96	87	41	50	93	92	83	57	94	91	88	82	86	83			
JMP 070299 65443269	MMJ 020150 JMP 970208		104	102	83	104	79	84	96	85	82	92	91	100	116	95	102	83	90	90	89	67	76	84	80	84	96	76	108	93	114	114	89	17	6	
			83	79	70	66	55	66	76	70	67	64	11	0.93	-3.8	14	15.9	-1.5	48	15.9	39	-44	3	-0.59	1.0	0.0	0.1	17.0	3	7.6	2.04	2.26	-1.01	1	2	11
													62	87	74	66	79	70	72	69	66	63	70	80	76	52	36	77	74	67	60	67	60			
LAR 140326 80515521	LAR 110071 LAR 050229		78	94	120	99	91	86	92	123	92	108	101	76	85	98	94	120	113	107	116	121	133	111	111	118	74	102	105	111	102	90	88	47	38	
			88	90	74	71	60	73	84	52	69	46	25	3.44	0.5	19	11.6	10.0	104	31.2	140	86	-91	0.96	19.6	-19.4	4.1	33.1	1	23.4	0.89	-1.56	-1.06	1	4	11
													68	93	78	71	90	74	78	78	68	40	33	80	77	59	40	82	75	69	45	47	45			
LAR 190319 89666127		LAR 140106 LAR 100159	93	126	100	90	95	117	126	118	118	128	120	90	119	111	126	100	117	133	114	132	110	132	112	92	89	117	93	122	120	103	105	245	160	
			98	98	95	95	95	89	97	95	90	96	50	1.97	-4.2	38	28.7	3.6	114	54.3	133	114	-54	2.11	20.1	-4.6	1.4	42.2	-9	33.5	2.69	0.49	0.38	32	3	3
													95	99	96	95	98	95	96	96	96	95	94	97	97	94	94	96	96	96	95	96	95			
LAR 190442 89666986		AG 150738 LAR 160384	110	92	101	106	79	87	94	105	89	96	95	107	107	92	92	101	98	99	101	106	85	125	95	79	85	104	86	84	97	92	89	95	73	
			96	97	94	94	93	88	96	94	89	94	17	0.23	-2.5	10	10.5	4.2	68	24.4	82	50	-13	1.69	9.5	3.0	2.1	34.1	-14	-0.9	0.34	-1.19	-0.96	10		
													93	97	95	94	97	94	95	96	94	93	93	95	95	93	92	94	95	94	94	94				
LAR 200104 90856998	LAR 180041 LAR 170450		95	126	95	87	107	123	125	145	130	129	125	94	107	114	126	95	112	132	145	116	140	116	129	120	91	112	108	125	128	83	88	166	130	
			90	96	72	69	50	73	87	69	72	82	58	1.65	-2.5	43	29.1	2.3	103	53.6	251	76	-103	1.18	30.0	-20.4	1.1	39.1	3	36.1	3.50	-2.64	-1.09	54	4	4
													50	97	77	69	96	72	79	89	89	49	46	95	94	55	27	67	93	90	79	84	80			
LAR 200121 90864166	LAR 180041 LAR 170178		108	120	101	93	113	131	126	126	132	129	114	109	107	107	120	101	116	125	124	114	121	90	124	122	99	109	104	120	114	100	105	57	54	
			86	92	65	58	45	68	82	60	66	48	42	0.09	-2.5	32	25.9	4.0	111	47.6	168	70	-70	-0.24	26.9	-21.9	-0.4	37.1	0	31.4	2.08	0.08	0.38	8		
													47	93	70	58	92	65	72	80	73	77	41	86	83	48	26	62	82	76	47	48	47			
LAR 200499 91244087	LAR 170339 LAR 150062		82	119	91	95	101	104	111	101	103	106	103	73	94	104	119	91	107	112	106	92	100	68	104	85	103	120	85	99	99	103	95	28	22	
			84	86	64	60	46	66	78	54	64	51	28	3.81	-0.8	28	25.0	0.8	90	35.8	100	17	-37	-1.46	14.9	-0.3	-1.0	44.0	-15	13.0	0.55	0.55	-0.51			
													48	90	70	60	86	64	70	70	65	24	38	77	74	49	28	60	72	66	50	52	50			
LHB 160188 85021426	WAT 080237 LHB 110074		74	108	103	89	83	82	96	108	85	107	106	74	80	111	108	103	103	108	112	91	115	78	81	92	90	85	120	116	97	84	81	34	33	
			85	89	69	66	54	70	82	62	68	76	32	3.67	1.1	38	19.1	4.5	82	32.5	123	15	-62	-0.88	1.4	-4.3	1.2	22.6	13	28.2	0.37	-2.47	-1.69	9	2	4
													63	91	74	66	89	69	75	76	74	24	44	85	83	50	34	78	82	75	73	79	73			
MCU 100095 72067119	JJ 040115 MCU 040054		126	112	88	89	145	139	111	135	142	130	108	130	111	112	112	88	94	119	134	109	126	107	97	138	140	100	114	127	128	134	130	164	136	
			95	96	90	91	74	83	94	60	78	54	35	-2.12	-3.1	40	21.2	0.0	60	42.4	206	57	-78	0.73	11.3	-30.6	-7.8	32.0	8	37.3	3.52	5.45	2.47	13	40	95
													90	97	92	91	96	90	92	94	79	39	38	89	87	80	48	94	85	80	51	56	51			
MCU 100109 72067259		JJ 040115 MCU 050086	116	96	97	109	140	126	101	67	114	89	86	112	120	89	96	97	100	91	65	94	68	98	95	131	148	87	80	80	74	133	124	432	392	
			99	99	98	98	97	90	99	97	91	96	5	-0.24	-4.3	9	12.7	2.9	72	16.7	-53	22	16	0.21	9.7	-26.7	-9.3	23.7	-19	-4.0	-1.97	5.23	1.97	70	79	337
													98	99	98	98	99	98	98	98	98															

Sires

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ID Comp.nr																																		Birth	Wean	Grwth Test
MCU 110062 73237778	MCU 070007 MCU 070020	75	128	96	80	95	105	120	130	110	139	121	67	86	124	128	96	109	128	127	108	125	81	119	71	110	99	124	138	114	138	130	68	58		
		91	92	81	81	67	77	88	62	74	55	52	4.42	0.3	57	30.1	2.4	94	50.5	182	56	-77	-0.70	24.2	7.4	-2.3	31.0	16	47.7	2.06	6.05	2.46	9	12	32	
MCU 180167 87931812	MCU 140134 MCU 150092	124	95	113	108	139	136	109	102	132	102	97	121	117	90	95	113	112	96	103	102	116	108	102	138	134	101	123	116	97	102	114	44	36		
		86	89	67	67	48	68	82	50	64	29	19	-1.22	-3.8	7	12.1	7.6	103	21.5	92	40	-62	0.74	14.0	-30.9	-6.6	32.6	15	28.1	0.41	0.34	1.08	18	4	4	
MCU 190237 89527626	MCU 170065 MCU 150202	92	113	74	91	105	95	97	119	99	116	106	89	106	110	113	74	85	117	124	110	131	108	137	81	119	108	106	122	112	116	138	50	48		
		87	90	64	59	49	68	81	50	64	58	32	2.09	-2.4	37	21.8	-4.2	37	39.9	168	61	-87	0.77	34.8	1.9	-3.9	36.3	2	33.5	1.90	2.59	3.16	6	5	5	
MMJ 050098 61925426	EI 980080 MMJ 010077	102	104	107	93	78	94	106	101	94	99	112	97	114	105	104	107	107	100	107	90	110	114	91	64	100	89	110	111	63	97	69	85	78		
		95	95	90	89	77	83	93	80	82	76	40	1.34	-3.5	30	17.0	6.0	90	25.1	105	13	-52	1.08	7.3	11.6	-0.6	24.9	5	23.6	-3.06	-0.38	-2.71	29	24	127	
NFS 070326 65642068	NFS 030268 NFS 050274	100	91	93	108	101	89	86	87	86	82	93	98	121	91	91	93	91	94	87	120	121	126	102	121	107	72	104	96	89	128	75	121	104		
		96	97	93	92	90	87	96	92	88	90	14	1.14	-4.4	8	10.2	1.7	51	19.6	32	83	-72	1.79	16.9	-21.3	-1.8	14.5	0	10.5	-0.40	4.53	-2.21	25	15	70	
PAD 060070 63756449	EI 980080 SLH 950067	93	98	103	102	61	74	96	101	77	95	102	90	114	96	98	103	103	99	106	91	104	96	93	78	72	79	104	102	91	110	80	86	75		
		93	94	84	84	72	80	91	81	80	76	26	1.99	-3.5	15	14.0	4.6	81	23.7	100	13	-43	0.10	8.9	3.5	4.5	19.1	0	15.5	-0.26	1.57	-1.76	17	16	36	
PAD 150078 83154419	KVB 110101 KDT 100003	91	107	84	103	89	89	98	95	88	103	98	91	95	96	107	84	95	107	95	104	89	94	96	106	80	98	92	92	114	95	98	120	111		
		95	96	89	75	70	80	92	58	76	45	21	1.95	-0.9	16	18.7	-1.2	61	31.5	62	45	-19	-0.03	10.7	-12.4	3.0	30.2	-10	6.2	2.09	-0.78	-0.21	16	37	81	
RGR 070004 64785025	RGR 970055 RGR 980154	85	103	117	92	74	86	102	124	92	105	109	84	96	107	103	117	113	103	132	106	145	107	124	68	91	93	129	125	98	105	113	21	20		
		86	87	77	76	62	73	84	60	70	48	35	2.66	-1.1	32	16.3	9.0	104	27.9	202	50	-110	0.70	27.1	9.0	1.1	27.5	20	35.5	0.45	0.76	1.03	3	6	24	
RPE 200146 92099050	PAD 150078 RPE 120027	105	113	97	99	124	127	115	116	127	110	99	107	98	99	113	97	110	113	123	94	102	99	106	124	116	105	114	110	108	91	98	40	12		
		95	94	92	91	91	86	93	91	87	90	23	0.26	-1.3	21	22.1	2.7	98	36.2	165	21	-40	0.24	16.3	-22.9	-3.4	34.8	8	22.7	1.52	-1.37	-0.27	1			
SYF 190045 88592910	SYF 150097 SYF 110272	127	110	81	92	108	116	107	117	117	114	107	129	114	109	110	81	89	115	116	108	110	71	107	108	109	99	82	98	110	109	56	125	104		
		97	97	95	95	94	88	96	94	89	96	33	-2.07	-3.5	35	20.3	-2.3	46	38.0	138	55	-52	-1.30	17.1	-13.5	-2.1	31.4	-17	11.7	1.70	1.42	-3.83	37	11	16	
TEW 140014 80035330	WAT 100074 TEW 110061	98	122	105	94	100	122	127	121	124	116	112	100	98	105	122	105	122	114	131	87	119	104	96	109	92	101	100	117	104	105	108	92	83		
		93	95	84	85	66	79	91	65	76	68	40	0.97	-1.2	29	26.7	5.3	126	37.6	197	5	-68	0.54	10.4	-14.4	0.9	32.4	-3	28.5	1.11	0.87	0.60	12	18	48	
TOR 050216 61906418	AG 010051 RAI 020013	87	92	112	111	71	77	92	99	79	99	91	93	73	88	92	112	110	88	102	79	103	120	92	79	78	89	96	86	98	94	94	322	299		
		98	98	96	95	83	87	97	65	83	68	11	1.70	2.1	4	10.4	7.5	98	13.8	86	-14	-41	1.41	8.2	2.7	3.5	24.7	-6	1.0	0.50	-0.88	-0.60	9	70	336	
V 090085 68234343	V 060053 V 050173	107	94	93	80	102	87	83	78	82	105	116	111	106	124	94	93	79	99	83	104	71	81	89	114	108	80	116	97	83	134	80	135	123		
		95	96	88	85	69	81	93	69	79	51	45	-0.20	-2.4	57	11.5	1.6	22	23.6	16	45	11	-0.71	6.2	-17.3	-2.0	19.8	10	10.7	-1.06	5.40	-1.74	25	20	77	
V 170167 86376613	V 120268 V 130170	115	84	80	116	132	101	79	64	92	98	85	110	115	85	84	80	73	89	73	98	77	95	92	130	119	111	92	91	107	143	97	155	148		
		97	98	95	95	93	88	97	93	89	92	3	-0.06	-3.6	0	6.5	-2.5	9	14.7	-21	30	1	0.06	8.3	-26.4	-4.0	38.6	-9	6.0	1.35	6.92	-0.35	32	27	54	

Sires

Bull			Selection Values									Birth			Wean				Grwth & Adaptation					Fertility				Raam		Carcass			Progeny		
Index EBV Acc	Genomic	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Weaner Calf V	Growth Value	Prod. Value	Carcass V	Cow wt brth	Birth wt	Cow-Calf birth	Cow wt wean	Wean wt	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling	Nr measured	
ID Comp.nr																																		Birth	Wean
																																		Grwth Test	Dght & clvs (Weaned)
VBB 060015 63098370	FCT 000065 BHE 000115	104	104	118	97	112	120	113	95	116	102	99	101	108	100	104	118	119	103	102	92	115	106	105	111	115	95	96	106	97	94	126	247	218	
		97	98	95	94	83	86	97	92	87	88	23	0.87	-2.6	22	17.1	9.2	119	27.5	88	18	-61	0.64	15.6	-15.5	-3.3	28.5	-7	18.7	0.42	-0.97	2.12	60	62	279
VV 050378 61736047	VV 020299 VV 990390	115	88	71	134	113	97	86	78	91	77	69	113	98	72	88	71	75	82	87	83	114	80	147	116	120	81	100	89	63	99	114	495	453	
		98	99	96	96	82	87	98	87	87	80	-18	-0.35	-1.3	-19	8.5	-5.1	13	8.9	31	-5	-60	-0.81	41.0	-18.3	-4.2	20.3	-3	3.9	-3.01	-0.13	1.11	102	91	344
VV 090199 68714872	 VV 060045  VV 040252	101	107	89	94	69	83	101	109	86	110	100	100	106	106	107	89	95	103	112	85	100	100	90	78	82	82	112	120	120	111	84	197	158	
		97	98	95	95	93	88	97	90	88	89	24	1.00	-2.3	31	18.9	0.4	61	27.8	125	-1	-36	0.34	6.9	3.5	2.8	21.0	6	31.4	2.69	1.84	-1.41	3	29	118
VV 090302 69371631	VV 070036 VV 070159	84	123	105	97	109	123	125	103	120	114	103	87	129	102	123	105	125	117	113	94	119	116	131	130	87	107	106	117	109	108	82	42	40	
		90	91	84	82	63	77	88	69	75	66	28	2.29	-5.5	24	27.5	5.2	134	39.8	128	20	-67	1.20	31.4	-26.2	1.8	36.2	2	29.0	1.62	1.31	-1.57	6	13	67
VV 100378 71660070	VV 070261 VV 050100	106	102	78	111	91	92	97	121	97	121	87	105	101	89	102	78	88	104	123	93	143	71	142	91	99	94	116	125	79	139	108	12	12	
		83	84	75	72	59	70	81	60	68	48	6	0.47	-1.8	5	16.1	-3.2	45	28.2	167	18	-108	-1.29	37.9	-3.9	-0.4	28.1	10	36.1	-1.47	6.18	0.57	2	4	21
VV 100479 71898498	AG 070138 VV 040075	83	110	105	95	66	84	107	96	84	102	104	66	100	104	110	105	112	106	95	103	113	108	112	70	77	95	104	106	106	106	53	86	85	
		94	95	88	86	67	80	92	64	77	80	29	4.57	-1.5	28	20.3	5.4	101	30.7	62	42	-58	0.75	19.8	7.9	3.6	28.7	0	19.3	1.26	0.98	-4.01	24	17	93
VV 110011 72861065	 VV 070275  VV 080453	136	86	80	131	88	96	93	89	93	94	77	134	115	74	86	80	80	89	90	105	97	122	109	106	82	95	84	78	76	142	104	1	1	
		89	89	88	87	86	81	89	86	82	85	-8	-2.60	-3.6	-16	7.3	-2.6	25	15.5	40	49	-31	1.54	18.2	-12.7	2.7	28.9	-16	-5.5	-1.77	6.73	0.24	1	9	
VV 110072 72861594	VV 070012 VV 070506	86	108	94	100	103	99	101	129	105	129	107	87	90	99	108	94	103	118	122	127	124	144	139	121	88	104	121	120	101	138	114	21	22	
		86	87	77	72	61	72	83	58	69	46	33	2.30	-0.2	21	19.2	1.8	79	41.4	164	100	-77	2.75	36.3	-21.1	1.6	34.0	14	31.2	0.80	6.03	1.09	5	6	27
VV 110238 73799678	 VV 080162  VV 030320	81	115	79	94	94	89	99	110	92	122	95	69	91	107	115	79	93	116	107	84	86	130	83	110	85	96	103	114	111	136	102	38	37	
		94	94	92	91	89	85	93	88	86	87	17	4.17	-0.4	32	22.9	-2.6	56	39.7	105	-2	-14	1.96	2.7	-14.9	2.1	29.2	-1	26.2	1.74	5.69	0.10	4	11	43
VV 110401 73987133	 AG 080204  VV 040047	111	84	97	133	75	84	92	64	76	72	68	109	116	72	84	97	98	80	72	91	78	91	96	100	70	93	72	70	87	94	87	54	51	
		95	95	93	92	91	86	94	90	87	90	-20	0.07	-3.8	-19	6.5	2.8	68	6.8	-26	15	0	-0.17	10.3	-8.8	4.8	27.7	-25	-12.7	-0.58	-0.86	-1.14	16	9	45
VV 120011 74954769	 VV 090089  VV 090290	106	117	103	100	107	126	123	123	127	123	109	109	96	98	117	103	119	118	115	95	103	104	108	133	91	99	80	104	109	119	94	92		
		96	96	93	92	90	86	95	90	87	88	36	0.04	-1.0	19	23.8	4.7	120	40.9	136	24	-42	0.57	17.9	-28.1	1.1	31.4	-19	17.1	1.63	3.03	-0.56	8	11	41
VV 120133 75196311	 VV 090271  VV 040167	80	111	89	83	100	88	94	114	92	119	119	85	90	120	111	89	91	114	117	112	124	85	107	102	101	100	108	121	91	136	105	286	273	
		99	99	98	98	96	90	99	96	91	95	49	2.54	-0.2	52	20.7	0.4	52	37.4	142	65	-76	-0.51	17.0	-10.0	-0.8	31.6	4	32.5	-0.21	5.81	0.37	9	73	191
VV 120139 75196477	 VV 090089  VV 090475	90	146	104	81	109	145	152	158	153	150	138	96	93	121	146	104	132	151	151	121	148	60	147	138	82	101	122	148	145	114	132	406	367	
		99	99	98	98	97	90	99	97	91	96	74	1.35	-0.6	54	39.8	5.1	150	71.0	272	86	-115	-1.88	41.0	-30.9	2.6	32.5	15	56.5	5.18	2.24	2.64	139	100	279
VV 120274 75893461	 VV 100150  VV 060234	134	92	95	115	78	99	103	80	93	95	86	131	133	86	92	95	96	89	80	83	79	104	95	95	81	88	99	101	87	112	84	111	109	
		96	97	94	93	91	87	96	90	88	90	5	-2.24	-6.0	1	10.6	2.2	63	15.0	2	-5	-3	0.54	9.6	-6.0	2.9	24.7	-4	14.8	-0.58	1.90	-1.42	20	25	99

Sires

Bull				Selection Values								Birth			Wean				Grwth & Adaptation					Fertility				Raam		Carcass			Progeny				
Index EBV Acc	Genomic	Sire ID Dam ID	Comp.nr	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Weaner Calf V	Growth Value	Prod. Value	Carcass V	Cow wt brth	Birth wt	Cow-Calf birth	Cow wt wean	Wean wt	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling	Nr measured		
Birth																																			Wean	Grwth Test	Dght & clvs (Weaned)
VV 120286 75893552		VV 090089 VV 080077		106 98	108 98	78 96	106 96	107 94	106 89	102 97	121 96	109 90	129 96	98 21 95	109 0.00 98	94 -0.7 97	93 12 96	108 19.4 98	78 -3.0 96	92 55 97	113 36.4 96	127 181 96	77 -20 92	100 -37 95	87 -0.38 97	116 22.3 96	102 -10.2 94	108 -2.1 92	104 34.1 96	88 -12 97	110 22.2 96	113 1.97 95	143 6.92 96	73 -2.33 95	134 49	115 27 98	
VV 120478 76238203		VV 100095 VV 010326		89 96	135 96	81 93	76 93	129 90	130 86	126 95	149 90	137 87	143 87	127 60 93	97 1.30 97	94 -0.8 94	130 66 93	135 34.1 96	81 -2.2 93	101 76 94	141 61.4 95	136 215 92	128 103 87	127 -81 87	109 0.82 95	92 7.9 94	132 -27.2 90	117 -3.5 87	105 34.7 94	130 21 94	134 44.2 92	104 1.09 87	112 2.02 87	104 0.23 87	83 22	80 26 81	
VV 130022 77178614		VV 100095 VV 030262		115 95	116 95	85 92	95 92	135 90	135 86	117 94	106 90	131 87	123 90	106 32 91	111 -0.14 96	119 -4.1 93	105 29 92	116 23.8 95	85 -0.8 92	100 74 93	115 38.1 92	105 99 91	96 27 87	105 -44 87	106 0.64 94	85 3.7 93	139 -31.4 89	125 -5.1 87	99 31.0 93	87 -14 93	106 19.2 91	117 2.40 89	129 4.70 90	99 -0.17 89	61 14	48 8 39	
VV 140006 79487658		VV 110097 VV 110420		110 93	93 93	97 89	120 89	98 87	100 83	97 92	100 87	99 84	103 86	84 2 88	111 -0.12 94	95 -0.9 91	84 -2 89	93 10.9 93	97 2.8 89	99 72 90	95 20.7 90	102 87 88	86 2 83	109 -51 85	145 2.80 91	105 15.5 91	116 -18.0 86	92 0.8 84	92 27.0 91	91 -10 90	98 11.9 88	103 0.96 85	131 4.93 86	82 -1.61 85	39 7	33 9 28	
VV 140007 79487666		VV 110401 VV 050313		120 82	92 82	82 72	125 67	90 52	94 67	96 78	73 52	88 64	78 53	77 -7 67	115 -0.61 85	117 -3.9 74	81 -7 67	92 10.7 82	82 -1.7 74	86 40 74	86 12.1 73	85 21 67	82 -7 20	100 -37 32	100 0.32 81	96 10.3 78	104 -11.5 50	82 2.6 33	103 33.4 72	82 -18 76	79 -5.0 68	93 -0.62 50	12 3	12 3 21			
VV 140138 79629184		VV 110097 VV 110301		112 82	98 84	101 70	108 68	100 53	107 68	104 79	85 50	102 64	96 55	92 13 67	110 -0.11 86	105 -2.3 74	90 7 68	98 14.0 84	101 4.0 70	105 85 74	96 21.7 77	88 33 67	92 17 19	90 -20 29	134 2.19 80	105 15.5 77	123 -22.3 53	90 1.3 33	92 26.6 74	97 -5 75	86 1.4 68	96 0.31 52	132 5.04 58	91 -0.83 53	14 3	14 3 14	
VV 140452 80470990		VV 110401 VV 110145		99 83	104 83	110 71	104 67	105 53	112 68	110 79	97 62	109 67	95 54	93 14 67	95 1.49 87	105 -2.3 74	94 13 67	104 16.9 83	110 6.9 71	116 113 74	103 27.9 74	102 88 68	100 35 51	107 -48 80	108 0.77 80	123 26.6 78	126 -24.2 50	89 1.5 33	103 33.5 75	88 -12 76	96 10.0 69	99 0.57 51	93 -1.08 56	83 -1.54 51	16 3	12 3 17	
WAT 060071 63268023		BEI 950156 WAT 030262		100 97	90 97	89 95	104 95	71 92	68 88	81 96	98 92	70 89	75 90	105 30 92	100 1.01 98	126 -5.1 96	94 14 95	90 9.6 97	89 0.4 95	84 35 96	92 17.3 96	101 82 94	101 37 89	130 -85 88	75 -1.07 96	88 5.6 96	63 11.8 92	96 0.2 89	78 18.5 96	105 1 95	96 9.7 94	96 0.26 90	62 -5.99 90	129 2.36 90	131 39	113 28 117	
WAT 100074 71702476		WAT 080129 WAT 080052		100 99	122 99	86 97	95 97	106 95	117 90	118 98	114 93	117 91	116 92	106 32 95	103 0.70 99	97 -1.2 98	105 29 97	122 26.5 99	86 -0.6 97	105 87 98	114 37.1 98	122 162 96	99 34 90	111 -55 90	83 -0.64 97	90 7.1 97	111 -15.7 95	103 -1.0 91	95 28.5 98	100 -3 97	117 28.6 96	111 1.83 92	102 0.37 92	108 0.63 92	370 61	323 89 346	
ZAK 170014 85060309		ZAK 140023 ZAK 100078		113 94	82 94	103 89	110 88	95 87	87 84	83 92	92 88	86 85	79 85	93 14 86	115 -0.61 95	97 -1.2 90	88 5 88	82 5.0 94	103 4.6 89	91 51 90	86 11.9 92	93 52 89	107 52 85	98 -34 85	83 -0.62 93	93 8.4 92	87 -1.5 86	100 -0.6 84	108 36.9 90	90 -11 91	84 -0.4 90	82 -1.14 85	94 -0.89 85	113 1.02 85	49 13	45 5 9	
ZEF 150005 81790719		FCT 120033 ZEF 130002		120 86	109 87	79 72	96 66	138 54	128 70	105 81	90 67	121 69	105 65	107 33 66	122 -1.27 90	143 -7.4 75	104 28 66	109 19.9 87	79 -2.6 72	89 47 75	103 27.6 82	87 28 70	90 11 13	89 -18 58	91 -0.19 84	89 6.1 81	126 -24.1 54	131 -6.1 28	112 39.4 79	109 4 79	109 21.7 71	111 1.82 62	108 1.34 68	53 -4.01 61	27 7	25 6 11	
ZEF 150140 82610668		HCO 090103 WAT 080124		91 82	116 84	109 70	100 69	102 56	118 68	121 79	109 58	117 66	121 68	100 24 68	92 1.82 86	92 -0.5 74	97 18 69	116 23.7 84	109 6.4 70	125 133 74	113 37.0 76	105 99 67	95 23 35	104 -44 43	139 2.48 80	125 27.6 77	113 -16.4 56	92 0.9 39	103 33.6 73	103 -5 75	109 21.2 68	124 3.05 65	131 5.01 72	56 -3.78 65	16 2	16 3 9	
ZEF 160062 83735654		VV 120274 WAT 130040		131 97	101 97	133 95	93 95	85 94	123 88	125 96	97 94	119 89	115 94	105 30 95	128 -1.97 98	124 -4.8 96	104 28 95	101 15.6 97	133 13.8 95	126 137 96	102 26.6 96	101 82 94	103 44 92	90 -20 93	119 1.40 96	94 9.5 96	92 -4.4 93	92 0.9 92	90 25.5 96	105 1 95	114 26.4 95	132 3.92 94	135 5.58 95	55 -3.89 94	133 24	120 15 29	
ZEF 160127 84564509		VV 140138 ZEF 140157		116 86	101 90	105 68	91 64	78 50	96 69	104 82	108 46	98 64	101 70	111 38 63	117 -0.76 92	111 -3.1 73	108 34 64	101 15.3 90	105 5.3 68	101 75 74	106 30.0 78	105 100 67	119 82 11	105 -44 19	115 1.14 83	102 14.2 79	100 -9.2 47	78 3.4 26	86 23.1 77	113 7 77	104 17.6 69	92 -0.12 66	100 -0.03 74	83 -1.54 66	45 6	38 4 9	

Sires

Bull			Selection Values										Birth			Wean				Grwth & Adaptation					Fertility				Raam		Carcass			Progeny	
Index EBV Acc	Genomic	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Weaner Calf V	Growth Value	Prod. Value	Carcass V	Cow wt brth	Birth wt	Cow-Calf birth	Cow wt wean	Wean wt	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling	Nr measured	
ID Comp.nr																																		Birth	Wean
ZEF 170076 86180130		ZEF 150005	111	129	97	82	121	141	135	113	138	128	126	107	119	120	129	97	113	123	109	105	95	95	104	113	111	118	101	117	124	111	78	2	2
		ZEF 150089	88	89	86	86	85	80	88	86	81	86	59	0.20	-4.1	86	89	86	87	45.5	113	49	-29	0.03	15.5	-16.7	-2.6	42.9	-3	28.4	3.05	1.83	-1.94	1	
ZEF 170077 86180148		ZEF 150005	91	132	67	91	148	134	117	102	130	114	114	91	126	111	132	67	96	124	102	94	101	111	97	129	143	113	110	116	125	99	53	57	49
		ZEF 150075	96	96	95	95	93	88	96	94	89	94	42	1.93	-5.1	95	96	95	95	46.8	87	22	-39	0.91	10.7	-25.7	-8.2	39.5	5	28.2	3.18	-0.18	-4.01	7	19
ZEF 170088 86180239		ZEF 150112	120	106	98	98	77	102	112	112	104	112	108	115	121	101	106	98	103	107	113	90	106	104	103	87	73	110	110	113	111	110	136	11	11
		ZEF 150051	79	82	65	67	47	65	76	65	65	68	34	-0.64	-4.4	67	82	65	71	31.2	129	13	-47	0.54	14.4	-1.8	4.3	38.0	5	25.5	1.75	1.68	2.97	3	4
ZEF 170116 86180395		VV 120139	95	126	110	91	116	136	133	140	140	144	118	95	101	108	126	110	127	133	145	107	152	86	147	131	102	98	125	132	115	125	116	44	42
		ZEF 140198	87	91	73	73	58	73	85	78	74	77	47	1.53	-1.7	71	92	78	73	54.9	249	53	-122	-0.43	41.0	-26.6	-0.9	30.5	17	41.8	2.22	4.06	1.30	10	6
ZEF 170139 86181203		VV 120139	85	129	95	89	105	119	124	125	122	134	119	90	87	112	129	95	116	130	121	107	115	75	97	124	92	97	111	121	108	96	133	58	53
		VV 110387	90	92	78	76	60	75	87	70	74	81	49	1.97	0.1	76	94	81	76	51.7	158	53	-61	-1.09	10.7	-23.0	0.9	30.0	6	32.0	1.47	-0.54	2.74	17	8
ZEF 170182 86405453		MCU 140048	91	103	115	103	93	103	108	93	100	104	104	92	91	95	103	115	119	97	97	85	93	96	99	87	102	99	96	103	114	123	107	20	20
		FCT 120032	83	86	69	67	50	68	80	62	67	68	28	1.85	-0.3	65	88	73	67	22.5	68	1	-25	0.12	12.0	-1.8	-0.9	31.1	-6	16.2	2.04	3.68	0.53	9	3
ZEF 180121 87638862		AG 140108	105	90	82	110	105	86	81	93	86	82	84	101	116	89	90	82	79	91	90	109	85	101	94	101	104	107	61	68	133	101	75	61	52
		VV 150061	96	96	94	94	93	87	95	93	88	93	1	0.85	-3.7	94	97	95	94	16.8	43	57	-13	0.40	9.3	-9.7	-1.3	35.9	-34	-15.1	4.02	0.25	-2.21	10	8
ZEF 180125 87638904		AG 140108	82	132	90	82	81	103	126	134	109	124	120	48	101	122	132	90	109	130	138	116	155	104	131	81	81	105	118	130	143	91	66	27	24
		ZEF 150138	94	94	92	92	90	85	93	90	86	90	50	6.37	-1.7	91	95	93	92	52.3	224	75	-126	0.53	31.2	1.9	2.9	34.9	11	40.1	5.00	-1.33	-2.92		5
ZEF 190005 88643184		ZEF 160062	99	107	106	82	112	110	106	109	110	113	123	99	108	120	107	106	101	110	115	116	102	122	83	106	109	114	89	111	125	118	83	18	12
		VV 170030	93	93	91	91	89	84	92	90	85	90	55	1.11	-2.7	90	94	92	91	34.0	135	73	-40	1.54	2.6	-12.3	-2.1	40.1	-12	23.2	3.23	2.89	-1.52	5	3
ZEF 190201 89475214		ZEF 160062	117	107	111	94	98	118	117	118	120	128	108	114	118	105	107	111	113	109	116	107	104	116	100	95	102	104	114	123	112	143	72	45	40
		ZEF 140198	94	94	90	90	89	85	93	89	86	90	34	-0.53	-3.9	90	95	92	90	33.2	140	53	-43	1.19	12.5	-6.4	-0.9	33.9	8	34.1	1.88	6.92	-2.40	1	1
ZEF 200021 90500513		ZEF 170088	115	89	93	102	120	102	86	101	101	93	100	114	108	97	89	93	85	97	108	102	110	101	99	119	109	117	97	101	111	122	107	20	19
		VV 170030	81	84	66	67	46	66	78	50	63	64	23	-0.47	-2.7	65	87	71	67	22.0	110	41	-54	0.37	12.1	-19.7	-2.2	42.3	-5	14.1	1.79	3.61	0.54	1	8
ZEF 200099 91878082		ZEF 170077	80	133	90	82	114	121	126	113	121	111	119	70	116	121	133	90	110	125	108	76	113	111	117	92	115	120	121	122	114	89	53	10	10
		ZEF 180050	92	93	91	90	89	84	92	90	85	90	49	4.14	-3.8	90	93	91	90	47.4	111	-22	-58	0.94	22.8	-4.5	-3.3	44.1	14	33.3	2.11	-1.72	-4.01		
ZEF 200173 91878165		ZEF 170077	85	141	88	71	103	122	138	122	124	130	138	82	120	138	141	88	107	133	121	86	111	132	90	71	111	120	110	125	142	123	53	14	14
		CRV 180158	94	94	92	92	91	85	93	91	86	92	75	2.90	-4.3	92	94	93	92	54.2	159	3	-55	2.09	6.8	7.5	-2.5	44.1	5	35.5	4.87	3.66	-4.01		
ZEF 200185 90999566		ZEF 170116	105	109	96	102	110	115	112	108	115	115	101	100	113	97	109	96	107	111	110	109	122	110	142	121	97	106	110	108	114	118	136	11	10
		ZEF 170086	76	79	55	52	41	59	71	52	58	62	25	0.99	-3.3	52	83	62	52	35.0	117	57	-72	0.86	37.7	-20.9	0.1	35.6	5	20.5	2.05	2.86	2.97		

Sires

Bull				Selection Values										Birth			Wean				Grwth & Adaptation					Fertility				Raam		Carcass			Progeny	
Index EBV Acc	Genomic	Sire ID Dam ID	Comp.nr	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Weaner Calf V	Growth Value	Prod. Value	Carcass V	Cow wt brth	Birth wt	Cow-Calf birth	Cow wt wean	Wean wt	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thickn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling	Nr measured	
ID																																			Birth	Wean
Comp.nr																																			Grwth Test	Dght & clvs (Weaned)
ZEF 220070		BBM 180016		116	104	86	99	110	109	102	80	103	101	101	113	124	100	104	86	91	100	86	81	69	118	114	88	115	117	79	83	108	111	117	8	8
94711850		ZEF 200138		91	91	89	88	87	82	90	88	83	88	25	-0.33	-4.8	21	16.8	-0.6	52	25.3	28	-10	14	1.30	21.4	-2.2	-3.3	41.9	-20	-1.8	1.46	1.85	1.34		
				88	92	89	88	89	88	91	89	89	88	89	88	91	88	91	89	89	89	88	86	86	91	90	87	86	88	90	89	88	88	88		
ZEF 220259		BBM 150029		116	120	82	99	115	128	121	127	130	114	107	114	113	101	120	82	103	118	131	82	138	88	147	119	105	109	98	122	111	86	123	5	4
94740859		ZEF 170004		91	91	89	88	87	82	90	88	83	88	33	-0.46	-3.4	23	25.8	-1.9	80	41.3	197	-8	-99	-0.36	41.0	-19.7	-1.5	37.2	-5	33.1	1.79	-2.20	1.91		
				88	92	89	88	89	88	91	89	89	88	89	88	91	88	91	89	89	89	88	86	86	91	90	87	86	88	90	89	88	88	88		

Growth Tests

Animal					Weight		Conformation				Growth & Efficiency					Carcass			
Test Code	Sex	Test number	Sire ID	Cow Value	Wean dir	End-wt	Length	Height	Length/Height	Scrotum	Intake	ADG	FCR	Veld Growth	Growth Value	EMA Eye muscle Area	Fat	Marbling	Carcass Value
Test Station		ID	Dam ID																
201904 D11 M LEONLIZA BONSMARAS		0680852BON HP 180322 87937082	 AJF 120346 HP 100133	84	125	132	128	118	110	116	67	147	136	108	144	122	110	64	135
				83	93	55	39	11	1.18	22.1	1.02	256	-95	56	86	2.91	1.64	-3.13	88
202103 D11 M ESSAKOV BONSMARAS		0585657BON RPE 200146 92099050	 PAD 150078 RPE 120027	127	113	114	110	114	92	106	65	123	102	94	116	108	91	98	110
				86	94	39	23	8	1.13	16.3	1.06	165	-40	21	91	1.52	-1.37	-0.27	90
202301 D11 M LAMUS BONSMARA		0637028BON ZEF 220005 93764785	 BBM 150029 ZEF 160166	94	86	88	91	84	115	122	123	89	101	77	89	93	93	79	90
				55	70	16	6	-16	1.20	25.9	0.01	37	-39	-20	42	0.02	-1.09	-1.81	60
		ZEF 220014 93764827	CEF 160402 ZEF 130002	120	100	121	121	124	91	95	82	121	115	109	124	100	139	110	126
				57	70	45	32	16	1.13	9.7	0.74	160	-60	57	52	0.70	6.28	0.76	62
		ZEF 220026 93764918	 CRV 170257 CRV 110231	93	131	118	130	132	90	102	114	123	141	89	115	104	114	79	115
				82	90	42	40	23	1.13	13.8	0.17	165	-104	10	88	1.09	2.28	-1.84	88
202302 D11 M LAMUS BONSMARA		0637028BON ZEF 220092 94738168	 CEF 160402 CRV 110203	103	96	92	92	103	83	93	117	86	92	99	84	99	106	108	91
				83	91	19	6	-1	1.11	8.8	0.11	27	-24	33	88	0.54	1.05	0.63	88
		ZEF 220111 94688140	BBM 180016 OLI 140260	92	92	91	87	99	82	108	99	95	90	89	90	92	97	107	92
				55	72	18	2	-4	1.10	17.7	0.44	60	-20	10	44	-0.10	-0.50	0.53	60
		ZEF 220119 94711686	MCU 190237 ZEF 190008	100	109	124	117	105	116	124	83	127	122	102	127	129	107	136	124
				52	69	48	29	1	1.20	27.4	0.74	181	-73	39	44	3.61	1.09	3.02	60
		ZEF 220121 94711694	MCU 190237 ZEF 190137	102	127	125	127	109	122	127	96	118	122	108	120	112	99	118	122
				50	68	49	37	4	1.22	29.2	0.49	149	-72	56	39	1.91	-0.05	1.48	58
		ZEF 220125 94711488	V 170167 EB 170067	117	95	97	106	107	96	94	103	100	102	95	94	95	143	106	113
				57	72	23	19	2	1.14	9.4	0.36	79	-39	24	44	0.14	6.92	0.40	57
		ZEF 220171 95213666	MCU 190237 ZEF 190162	123	128	135	133	116	120	126	76	135	127	99	131	114	120	121	133
				52	69	58	43	9	1.21	28.6	0.86	210	-80	34	42	2.09	3.17	1.70	58
		ZEF 220182 94738531	 ZEF 200021 ZEF 200231	122	109	112	117	108	111	114	96	119	123	112	115	113	117	85	111
				80	89	37	29	3	1.19	20.9	0.49	152	-74	66	86	1.96	2.77	-1.32	86

Growth Tests

Animal					Weight		Conformation				Growth & Efficiency					Carcass			
Test Code	Sex	Test number	Sire ID	Cow Value	Wean dir	End-wt	Length	Height	Length/Height	Scrotum	Intake	ADG	FCR	Veld Growth	Growth Value	EMA Eye muscle Area	Fat	Marbling	Carcass Value
Test Station		ID	Dam ID																
202302 D11 M																			
LAMUS BONSMARA																			
0637028BON																			
ZEF 220196				114	113	124	129	115	115	125	92	123	125	105	117	97	109	130	117
94711744				81	90	47	39	9	1.20	27.5	0.57	167	-77	48	86	0.39	1.53	2.50	88
MCU 190237						88	88	89	88	89	85	88	85	85		87	88	87	
ZEF 220198				105	115	122	117	105	114	121	86	116	110	103	114	119	91	142	115
94711751				81	89	46	28	1	1.20	25.1	0.68	139	-53	42	86	2.55	-1.44	3.49	87
MCU 190237						88	87	88	88	89	85	87	85	85		87	87	87	
ZEF 220203				105	121	130	126	123	98	126	97	127	133	110	131	87	104	116	126
94738614				57	73	53	36	15	1.15	28.4	0.48	180	-91	60	45	-0.66	0.66	1.30	64
CRV 170257						67	63	70	66	73	23	62	23	20		60	67	61	
ZEF 220243				103	102	93	97	92	108	103	107	93	94	76	87	100	93	97	91
94740750				56	71	19	11	-9	1.18	14.6	0.30	53	-27	-22	42	0.69	-1.04	-0.32	61
ZEF 160119						66	62	70	66	72	19	60	19	14		57	65	58	
ZEF 220259				128	120	119	122	98	136	147	95	131	138	82	127	111	86	123	114
94740859				82	91	43	33	-5	1.26	41.0	0.50	197	-99	-8	88	1.79	-2.20	1.91	88
BBM 150029						89	89	90	90	90	86	88	86	86		88	89	88	
202501 D11 M																			
LAMUS BONSMARA																			
0637028BON																			
ZEF 240087				110	108	95	90	83	115	101	130	72	81	105	75	109	113	123	105
98172224				82	90	22	5	-16	1.20	13.2	-0.12	-28	-5	47	88	1.60	2.12	1.87	88
BBM 180016						89	88	89	88	90	86	88	86	86		88	89	88	
ZEF 240093				101	116	113	110	120	82	107	94	114	115	92	113	110	109	88	117
98172265				80	88	38	22	13	1.10	16.9	0.53	134	-61	16	86	1.68	1.49	-1.09	86
ZEF 220089						87	86	88	87	88	85	86	85	85		86	87	86	
ZEF 240095				125	114	118	119	105	117	125	95	114	114	101	110	103	95	86	115
98178874				80	88	42	30	1	1.20	27.9	0.50	131	-60	38	86	0.95	-0.75	-1.25	86
ZEF 220002						87	86	87	86	88	84	86	84	84		86	87	86	
ZEF 240111				116	80	89	95	91	108	94	114	95	103	103	90	73	121	79	89
98172372				80	88	16	9	-10	1.18	9.1	0.17	61	-42	43	86	-2.03	3.42	-1.84	86
ZEF 220133						87	86	87	86	88	84	86	84	84		86	87	86	
ZEF 240115				90	86	86	84	86	101	65	102	94	92	110	95	108	82	104	86
98172398				81	90	13	0	-14	1.16	-8.0	0.38	58	-24	60	86	1.49	-2.77	0.29	88
LAR 190442						88	88	89	88	89	85	88	85	85		87	88	87	
ZEF 240119				119	108	90	77	72	117	85	117	70	66	99	81	92	110	105	102
98172414				81	90	17	-6	-26	1.20	4.1	0.11	-32	18	32	86	-0.07	1.69	0.37	88
BBM 180016						88	88	89	88	89	85	88	85	85		87	88	87	
ZEF 240132				94	122	126	121	103	124	100	68	137	124	109	134	114	98	90	126
98172489				81	90	50	32	-1	1.22	12.8	1.00	218	-76	56	88	2.04	-0.30	-0.91	88
LAR 200104						89	88	89	88	90	86	88	86	86		88	88	88	
ZEF 240137				89	89	98	93	101	88	84	107	93	93	132	102	91	99	121	100
98172539				81	89	24	7	-3	1.12	3.3	0.30	52	-26	114	86	-0.20	-0.18	1.68	88
LAR 190442						88	87	89	88	89	85	87	85	85		87	88	87	

Growth Tests

Animal					Weight		Conformation				Growth & Efficiency					Carcass			
Test Code	Sex	Test number	Sire ID	Cow Value	Wean dir	End-wt	Length	Height	Length/Height	Scrotum	Intake	ADG	FCR	Veld Growth	Growth Value	EMA Eye muscle Area	Fat	Marbling	Carcass Value
Test Station		ID	Dam ID																
202501 D11 M																			
LAMUS BONSMARA																			
0637028BON																			
ZEF 240143				91	102	109	109	107	101	112	96	129	134	105	123	118	87	92	108
98172570				82	90	34 89	22 88	3 89	1.16 88	20.0 89	0.50 85	187 88	-93 85	48 85	87	2.46 87	-2.09 88	-0.73 87	88
ZEF 240150				106	106	101	100	95	108	110	97	93	86	118	88	84	92	108	101
98172646				81	89	27 88	14 87	-7 88	1.18 88	18.8 89	0.48 85	53 87	-13 85	78 85	86	-0.91 87	-1.21 88	0.64 87	88
ZEF 240151				125	118	133	127	115	113	147	81	151	151	113	152	109	101	100	137
98172653				55	72	56 68	38 65	9 71	1.19 68	41.0 74	0.76 36	272 63	-121 36	66 31	52	1.54 61	0.21 68	-0.05 62	64
ZEF 240159				120	95	89	72	80	93	102	88	88	69	87	88	92	104	88	92
98172687				81	89	16 88	-11 88	-19 89	1.13 88	14.0 89	0.64 85	33 88	14 85	5 85	86	-0.14 87	0.67 88	-1.04 87	88
ZEF 240160				107	117	112	117	111	106	85	114	91	97	123	100	98	87	100	106
98172695				83	91	37 90	29 89	5 90	1.17 90	3.5 90	0.16 87	45 89	-32 87	92 87	88	0.44 88	-1.98 89	-0.10 88	88
ZEF 240173				106	118	124	121	107	118	107	74	122	109	107	126	133	106	106	124
98172794				82	90	48 89	32 89	2 90	1.21 90	16.8 90	0.89 86	161 88	-51 86	53 86	88	3.99 88	1.00 89	0.47 88	88
ZEF 240174				118	120	115	106	96	116	117	83	108	96	93	106	120	117	98	114
98172802				81	89	40 88	19 88	-6 89	1.20 88	23.1 89	0.72 85	108 88	-30 85	18 86	86	2.69 87	2.77 88	-0.25 87	88
ZEF 240175				103	87	80	76	72	113	106	103	77	65	93	76	92	101	82	85
98172810				81	90	8 89	-8 88	-25 89	1.19 88	16.3 90	0.36 85	-7 88	20 85	19 86	87	-0.16 87	0.14 88	-1.57 87	88
ZEF 240180				114	115	127	126	112	116	110	56	137	115	123	133	117	112	93	128
98172836				82	90	51 89	37 88	7 89	1.20 88	19.0 90	1.22 86	220 88	-61 86	92 86	88	2.41 88	1.94 88	-0.63 88	88
ZEF 240182				127	104	108	90	88	107	100	79	112	99	96	118	144	110	86	112
98172851				81	89	33 88	5 87	-13 88	1.18 88	12.8 89	0.80 84	124 87	-35 84	25 84	86	5.12 86	1.70 87	-1.29 86	86
ZEF 240187				109	100	108	98	103	91	104	88	109	102	110	111	101	143	135	124
98172893				80	88	34 87	12 86	0 87	1.13 86	15.0 88	0.64 83	112 86	-39 83	59 83	85	0.74 85	6.92 86	2.87 85	86
ZEF 240193				95	70	65	57	58	109	100	107	73	61	86	70	87	91	79	66
98172943				82	90	-6 89	-25 88	-36 89	1.18 88	12.9 90	0.29 85	-24 88	27 85	1 86	87	-0.61 87	-1.41 88	-1.83 88	88
ZEF 240194				119	140	133	139	127	109	98	78	135	129	97	128	120	94	73	132
98172950				80	89	56 88	48 87	19 88	1.18 88	11.8 89	0.83 84	213 87	-85 84	30 84	86	2.71 86	-0.97 87	-2.38 86	86
ZEF 240199				89	105	89	81	83	101	103	123	76	81	94	86	74	104	101	94
98173008				81	89	16 88	-3 87	-17 88	1.16 88	14.8 89	0.01 84	-11 87	-5 84	22 84	86	-1.92 86	0.74 87	0.02 86	86

Growth Tests

Animal					Weight		Conformation				Growth & Efficiency					Carcass			
Test Code	Sex	Test number	Sire ID	Cow Value	Wean dir	End-wt	Length	Height	Length/Height	Scrotum	Intake	ADG	FCR	Veld Growth	Growth Value	EMA Eye muscle Area	Fat	Marbling	Carcass Value
Test Station		ID	Dam ID																
202501 D11 M LAMUS BONSMARA		0637028BON ZEF 240208 98173073	 LAR 190442 ZEF 170080	88	94	94	83	78	114	106	89	103	94	99	103	82	101	90	95
						20	-1	-21	1.20	16.3	0.62	92	-28	34		-1.13	0.21	-0.94	
				81	90	89	88	89	88	89	85	88	85	85	87	87	88	87	88

Breeding Values and Accuracies: Bulls

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Animal					Selection Value										Birth			Wean				Growth & Adaptation					Fertility				Frame		Carcass		
ID	Animal no	% Inbreeding	Genomic Parentage	Index	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -brth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean wt	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thicken	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
				EBV Acc																															
HP 180322	87937082	2	 AJF 120346 HP 100133		83	125	79	87	67	84	109	144	95	135	113	89	88	115	125	79	97	126	147	108	136	95	116	72	65	107	118	128	122	110	64
					93	93	88	89	86	83	92	86	84	88	41	2.17	0.0	44	28.2	-2.7	67	47.9	256	56	-95	0.0	22.1	6.7	5.7	36.2	11	39	2.91	1.64	-3.13
															87	94	90	89	93	88	90	90	89	84	83	92	91	86	84	89	91	89	87	88	87
RPE 200146	92099050	3	 PAD 150078 RPE 120027		105	113	97	99	124	127	115	116	127	110	99	107	98	99	113	97	110	113	123	94	102	99	106	124	116	105	114	110	108	91	98
					95	94	92	91	91	86	93	91	87	90	23	0.26	-1.3	21	22.1	2.7	98	36.2	165	21	-40	0.2	16.3	-22.9	-3.4	34.8	8	23	1.52	-1.37	-0.27
															91	96	93	91	94	92	92	94	91	90	90	93	92	91	90	92	92	91	90	90	90
ZEF 200113	90998675	2	ZEF 170116 VV 140206		75	132	101	77	110	119	128	136	125	143	128	71	89	127	132	101	115	139	131	106	131	112	132	119	102	96	127	132	118	118	114
					69	71	56	52	39	55	66	64	57	61	61	3.99	0.0	62	32.4	4.1	109	59.6	198	51	-87	1.0	31.7	-20.0	-1.0	29.4	18	42	2.47	2.89	1.13
															52	74	59	52	71	56	60	59	58	21	63	75	71	40	24	52	68	60	57	65	57
SYF 210519	92709229	5	SYF 190045 ADV 080153		132	95	73	128	94	102	99	86	98	86	77	130	115	78	95	73	81	91	102	95	104	87	117	107	93	92	80	85	90	103	67
					71	72	59	56	43	57	67	45	55	54	-8	-2.16	-3.6	-10	12.0	-4.6	27	16.8	85	25	-44	-0.4	22.9	-12.9	0.6	27.1	-19	0	-0.36	0.59	-2.85
															56	75	62	56	72	59	62	65	65	22	20	78	75	44	30	55	73	66	52	55	52
ZEF 210070	92882745	1	CRV 180033 ZEF 130130		86	120	96	85	100	107	114	117	109	120	117	82	114	117	120	96	106	116	121	101	117	114	114	98	93	118	106	116	108	98	98
					68	70	54	51	37	54	64	34	50	38	46	2.83	-3.5	48	25.7	2.6	88	39.6	160	38	-64	1.1	21.0	-8.2	0.7	42.6	2	27	1.52	-0.28	-0.20
															48	73	58	51	70	54	58	70	39	14	26	48	46	37	22	53	44	40	36	41	37
HS 220096	93091734	1	 HS 180284 HS 170267		98	110	101	91	88	100	109	116	103	112	110	93	114	109	110	101	106	105	111	96	111	107	105	76	102	103	110	105	93	122	91
					88	88	85	85	83	79	87	82	80	82	37	1.74	-3.5	35	20.4	4.1	87	29.5	119	27	-55	0.7	16.0	4.3	-0.9	33.7	5	18	0.01	3.57	-0.82
															84	89	86	85	88	85	86	88	83	83	82	84	84	83	82	85	83	83	82	83	82
ZEF 220005	93764785	1	BBM 150029 ZEF 160166		125	86	101	119	83	94	96	89	91	90	86	121	115	84	86	101	96	84	89	77	101	115	122	86	84	109	84	91	93	93	79
					70	70	57	54	39	55	66	42	52	60	4	-1.23	-3.6	-2	7.4	3.9	63	10.1	37	-20	-39	1.2	25.9	-0.9	2.4	37.1	-16	6	0.02	-1.09	-1.81
															54	74	61	54	70	57	60	62	59	13	20	75	71	42	22	53	68	60	56	64	56
ZEF 220014	93764827		CEF 160402 ZEF 130002		134	100	93	93	116	120	103	124	122	126	102	134	121	106	100	93	91	109	121	109	115	66	95	112	107	114	124	121	100	139	110
					71	70	60	58	41	57	67	52	56	62	27	-2.61	-4.4	31	14.8	1.6	51	32.9	160	57	-60	-1.6	9.7	-16.2	-1.7	40.3	16	32	0.70	6.28	0.76
															58	74	63	58	70	60	63	59	59	26	40	75	71	42	26	55	68	60	58	65	58
ZEF 220026	93764918	1	 CRV 170257 CRV 110231		84	131	82	74	75	93	122	115	97	115	138	56	104	134	131	82	97	121	123	89	141	106	102	62	92	99	132	130	104	114	79
					90	90	89	88	87	82	90	88	83	88	74	5.61	-2.1	72	31.9	-1.9	66	44.0	165	10	-104	0.7	13.8	12.3	1.0	31.2	23	40	1.09	2.28	-1.84
															87	91	89	88	90	89	89	88	85	86	90	90	87	85	88	89	88	88	89	88	
ZEF 220092	94738168	1	 CEF 160402 CRV 110203		108	96	97	116	101	103	100	84	98	91	83	111	90	85	96	97	102	93	86	99	92	69	93	119	98	85	103	92	99	106	108
					91	91	89	89	87	83	90	88	84	88	1	-0.17	-0.2	0	12.9	2.8	79	18.5	27	33	-24	-1.4	8.8	-20.0	-0.2	22.9	-1	6	0.54	1.05	0.63
															88	91	90	89	91	89	90	89	88	86	86	91	90	87	86	88	89	88	88	89	88
ZEF 220111	94688140	1	BBM 180016 OLI 140260		96	92	102	111	99	92	92	90	90	92	89	93	98	88	92	102	101	92	95	89	90	112	108	89	109	98	99	87	92	97	107
					70	72	56	52	38	55	66	44	53	60	8	1.70	-1.4	4	10.5	4.5	76	17.4	60	10	-20	1.0	17.7	-2.6	-2.2	30.2	-4	2	-0.10	-0.50	0.53
															50	75	60	52	72	56	60	62	59	17	23	75	71	41	21	51	69	60	56	65	57
ZEF 220119	94711686	1	MCU 190237 ZEF 190008		100	109	94	85	100	100	102	127	106	124	114	101	104	117	109	94	95	114	127	102	122	119	124	78	112	109	105	117	129	107	136
					68	69	50	48	35	52	63	44	50	60	42	0.87	-2.2	47	19.8	2.0	62	37.9	181	39	-73	1.4	27.4	3.3	-2.7	37.5	1	29	3.61	1.09	3.02
															44	73	56	48	69	50	56	60	57	15	24	75	70	39	20	47	68	59	55	64	55

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Animal				Selection Value										Birth			Wean				Growth & Adaptation					Fertility				Frame		Carcass		
ID Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -brth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean wt	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thicken	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
			Sire ID Dam ID																															
ZEF 220121 94711694	3	MCU 190237 ZEF 190137		81 66	127 68	88 45	79 45	94 33	102 50	118 60	120 39	106 48	122 58	125 57 40	76 3.44 72	104 -2.2 53	125 59 45	127 29.4 68	88 0.1 45	101 77 53	126 48.7 59	118 149 56	108 56 9	122 -72 15	106 0.6 74	127 29.2 70	87 -1.8 36	103 -1.1 17	98 30.7 45	109 4 67	127 37 57	112 1.91 53	99 -0.05 62	118 1.48 54
ZEF 220125 94711488	1	V 170167 EB 170067		118 71	95 72	97 58	111 57	123 42	117 57	100 67	94 44	113 54	113 57	92 13 47	117 -0.84 75	106 -2.3 62	88 5 57	95 12.1 72	97 2.8 58	99 71 62	97 22.4 64	100 79 60	95 24 18	102 -39 22	105 0.6 75	94 9.4 71	123 -22.0 46	113 -2.9 26	110 37.6 53	107 2 69	106 19 61	95 0.14 52	143 6.92 62	106 0.40 53
ZEF 220171 95213666	2	MCU 190237 ZEF 190162		106 68	128 69	84 50	82 47	107 35	123 52	126 63	131 42	127 50	133 58	117 46 44	101 0.84 73	119 -4.1 56	121 53 47	128 30.2 69	84 -1.1 50	102 78 55	126 47.9 60	135 210 57	99 34 10	127 -80 20	101 0.4 75	126 28.6 70	96 -6.7 38	110 -2.4 20	107 35.7 46	116 9 67	133 43 58	114 2.09 53	120 3.17 63	121 1.70 54
ZEF 220182 94738531	1	ZEF 200021 ZEF 200231		105 88	109 89	92 87	101 87	125 85	122 80	109 88	115 86	122 81	111 86	103 28 86	104 0.56 89	104 -2.2 87	98 18 87	109 20.0 89	92 1.4 87	104 83 88	112 36.1 88	119 152 87	112 66 84	123 -74 85	80 -0.8 89	114 20.9 89	129 -25.6 86	109 -2.1 84	113 39.8 86	108 3 88	117 29 87	113 1.96 86	117 2.77 87	85 -1.32 86
ZEF 220196 94711744	1	MCU 190237 ZEF 190116		93 89	113 90	105 88	87 88	111 86	114 81	112 89	117 86	116 82	117 88	111 38 87	91 1.92 90	106 -2.5 88	113 41 88	113 22.2 90	105 5.2 88	109 96 89	115 38.4 89	123 167 88	105 48 85	125 -77 85	107 0.7 90	125 27.5 89	90 -3.3 86	120 -4.1 86	108 36.4 87	115 9 89	129 39 88	97 0.39 87	109 1.53 88	130 2.50 87
ZEF 220198 94711751	1	MCU 190237 ZEF 190098		98 89	115 89	84 87	83 87	108 85	105 81	106 88	114 86	107 82	115 87	117 47 86	93 1.72 90	116 -3.7 88	120 52 87	115 23.2 89	84 -1.2 87	91 53 88	117 40.4 88	116 139 87	103 42 85	110 -53 85	86 -0.4 90	121 25.1 89	80 2.4 86	123 -4.6 84	108 36.5 86	105 1 88	117 28 87	119 2.55 87	91 -1.44 87	142 3.49 87
ZEF 220203 94738614	1	CRV 170257 CRV 110026		79 71	121 73	110 58	78 53	94 40	105 57	118 67	131 45	111 55	126 64	127 60 48	82 2.81 75	94 -0.8 61	126 60 53	121 26.2 73	110 6.7 58	113 104 61	119 42.2 66	127 180 62	110 60 20	133 -91 23	76 -1.0 76	126 28.4 73	87 -1.7 43	98 -0.2 23	109 37.0 54	123 15 70	126 36 63	87 -0.66 60	104 0.66 67	116 1.30 61
ZEF 220243 94740750	1	BBM 150029 ZEF 160119		111 70	102 71	97 57	114 54	86 40	103 56	109 66	87 42	99 53	91 61	89 8 54	108 0.15 74	106 -2.3 61	86 2 54	102 16.1 71	97 2.9 57	108 93 61	94 19.5 62	93 53 60	76 -22 14	94 -27 19	93 -0.1 76	103 14.6 72	92 -4.6 43	87 1.8 24	100 31.9 53	92 -9 70	97 11 62	100 0.69 57	93 -1.04 65	97 -0.32 58
ZEF 220259 94740859	2	BBM 150029 ZEF 170004		116 91	120 91	82 89	99 88	115 87	128 82	121 90	127 88	130 83	114 88	107 33 88	114 -0.46 92	113 -3.4 89	101 23 88	120 25.8 91	82 -1.9 89	103 80 89	118 41.3 89	131 197 88	82 -8 86	138 -99 86	88 -0.4 91	147 41.0 90	119 -19.7 87	105 -1.5 86	109 37.2 88	98 -5 90	122 33 89	111 1.79 88	86 -2.20 89	123 1.91 88
ZEF 230055 96326111	1	ZEF 200173 ZEF 190162		123 89	118 89	89 87	84 87	107 86	124 81	121 88	125 86	126 82	121 86	114 43 87	118 -0.94 90	130 -5.6 88	118 48 87	118 24.8 89	89 0.5 87	99 70 88	116 38.9 88	126 176 86	95 23 85	106 -46 85	132 2.1 87	99 12.2 87	91 -4.1 86	108 -2.0 84	115 40.8 87	106 2 87	112 25 86	119 2.59 86	119 3.11 86	53 -4.01 86
ZEF 230064 96326160		BBM 180016 ZEF 140113		131 90	94 90	79 88	101 88	134 86	116 82	91 89	70 86	107 83	86 86	23 23 88	126 -1.75 90	126 -5.0 89	99 20 88	94 11.7 90	79 -2.7 88	77 17 89	90 16.0 90	71 -30 87	100 35 85	79 -3 85	96 0.1 87	89 6.0 87	128 -25.0 86	136 -7.1 85	95 28.8 88	94 -8 87	87 2 87	78 -1.57 86	105 0.76 86	99 -0.12 86
ZEF 230078 96453428	2	MCU 190237 ZEF 160076		111 89	101 90	89 88	96 87	117 86	108 81	97 89	108 86	108 82	103 86	98 20 87	106 0.38 90	118 -4.0 88	103 26 87	101 15.5 90	89 0.3 88	90 49 88	104 28.1 89	110 116 86	99 34 85	118 -67 85	102 0.4 87	115 22.0 87	115 -17.5 86	111 -2.5 85	108 36.9 87	120 13 87	116 28 87	101 0.73 86	110 1.63 86	137 3.05 86

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Animal						Selection Value										Birth			Wean				Growth & Adaptation					Fertility				Frame		Carcass			
ID	Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc		Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -brth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean wt	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thickn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling	
				Sire ID	Dam ID																																
ZEF 230084	96454087	1		ZEF 200185	BTM 190002	83	125	105	89	105	119	125	121	121	126	112	72	101	111	125	105	120	119	118	122	125	95	138	105	94	114	126	124	116	120	116	
						88	88	86	86	84	80	87	84	81	84	40	3.92	-1.7	39	28.5	5.2	122	42.1	148	88	-77	0.1	35.8	-11.9	0.5	40.4	18	35	2.26	3.20	1.28	
																85	89	87	86	88	86	87	88	85	83	83	86	85	84	83	86	85	85	84	84	84	
ZEF 230090	96454137	1		ZEF 200099	VV 090052	102	105	86	95	113	103	97	105	103	105	95	97	113	104	105	86	90	100	108	71	122	109	129	98	116	112	114	110	101	123	53	
						89	89	87	87	85	81	88	86	82	86	17	1.27	-3.3	28	17.4	-0.5	50	25.1	109	-34	-73	0.8	30.2	-8.2	-3.5	39.0	8	23	0.74	3.73	-4.01	
																86	90	88	87	89	87	88	88	86	84	85	87	87	85	84	86	86	86	85	86	85	
ZEF 230092	96454152	1		BBM 180016	FCT 100038	85	121	84	86	113	108	109	107	108	114	111	82	116	116	116	121	84	98	117	110	95	112	119	104	113	112	97	121	116	121	117	110
						91	91	89	89	88	83	90	88	84	88	38	2.88	-3.7	46	26.3	-1.2	68	40.1	118	25	-56	1.4	15.3	-16.6	-2.8	29.9	13	28	2.82	2.68	0.81	
																88	91	90	89	91	89	90	90	88	87	87	89	89	88	86	89	89	88	88	87		
ZEF 230100	96454236	4		ZEF 200173	ZEF 190012	81	132	93	71	92	107	128	130	112	122	135	73	107	137	132	93	104	127	128	88	130	120	114	77	94	118	125	126	126	104	53	
						88	88	86	86	85	80	87	85	81	85	70	3.75	-2.5	76	32.3	1.7	84	49.6	184	7	-86	1.4	20.9	4.3	0.6	42.7	17	36	3.32	0.65	-4.01	
																86	89	87	86	88	86	87	88	85	84	84	86	86	85	84	86	86	85	85	85		
ZEF 230106	96459334	1		CEF 160402	ZEF 200149	118	102	83	99	122	113	98	115	114	116	91	118	110	101	102	83	87	111	113	105	97	101	110	107	131	100	79	93	111	118	114	
						90	90	89	89	87	82	90	88	83	88	11	-0.88	-2.9	23	16.1	-1.5	42	34.5	128	49	-32	0.4	18.7	-13.0	-6.1	32.0	-20	7	1.77	2.94	1.15	
																88	91	89	89	90	89	88	90	88	86	87	88	88	87	86	88	88	88	87	88	87	
ZEF 230109	96459359		BBM 180016	ZEF 150075		118	106	78	107	113	113	105	87	108	91	92	114	122	102	106	78	91	102	88	92	91	142	101	98	112	115	90	87	98	119	65	
						90	90	89	88	87	82	90	87	83	87	13	-0.49	-4.6	10	18.2	-3.1	51	26.5	36	17	-22	2.7	13.6	-8.2	-2.7	41.1	-11	2	0.48	3.08	-3.02	
																88	91	89	88	90	89	88	90	88	86	86	88	88	87	86	88	88	88	87	87	87	
ZEF 230112	96454277	2		ZEF 200173	ZEF 190157	106	117	101	87	103	118	117	114	118	115	120	107	106	114	117	101	108	119	117	118	110	132	117	79	111	118	110	111	107	121	55	
						89	90	88	88	86	81	89	86	82	86	50	0.21	-2.3	43	23.8	3.9	92	42.2	142	80	-53	2.1	22.7	2.6	-2.5	42.5	5	23	1.40	3.34	-3.87	
																87	90	88	88	90	88	89	90	87	85	86	88	87	86	85	88	87	87	86	87	86	
ZEF 230124	96454830		BBM 180016	ZEF 130065		103	107	103	91	113	113	108	98	110	100	109	99	119	109	107	103	104	102	101	106	112	120	116	96	118	108	94	99	109	115	108	
						90	90	89	88	87	82	90	87	83	87	35	1.09	-4.2	35	18.8	4.6	84	26.5	85	51	-56	1.5	22.5	-7.0	-3.8	36.7	-8	12	1.63	2.47	0.60	
																88	91	89	88	90	89	89	90	87	86	86	88	88	87	86	88	88	87	87	87	87	
ZEF 230143	96454996	2		MCU 190237	ZEF 160135	100	107	79	92	104	95	94	111	97	106	102	100	105	108	107	79	84	106	115	104	131	103	130	95	107	110	102	111	95	103	116	
						89	90	88	87	86	81	89	86	82	86	27	1.02	-2.2	34	18.6	-2.8	36	30.1	135	44	-87	0.5	30.6	-6.1	-1.8	37.9	-2	23	0.23	0.49	1.32	
																87	90	88	87	90	88	88	89	86	85	85	87	87	86	85	87	87	87	86	86	86	
ZEF 230147	96455035	1		V 170167	VV 170152	108	101	101	102	139	126	103	97	122	119	103	110	98	96	101	101	104	103	103	86	91	67	100	130	129	112	106	113	126	138	110	
						91	91	89	89	88	83	90	88	84	87	27	-0.02	-1.4	16	15.6	3.9	83	27.2	91	1	-22	-1.5	12.9	-26.2	-5.7	39.2	1	25	3.30	6.01	0.81	
																88	91	90	89	91	89	90	90	88	86	87	89	89	88	86	89	89	88	87	87		
ZEF 230148	96455043	3		MCU 190237	ZEF 180040	98	115	111	91	113	124	120	115	124	116	111	97	104	108	115	111	118	122	116	132	116	110	117	111	101	118	123	119	115	104	89	
						88	88	86	85	84	80	87	84	81	84	39	1.24	-2.1	34	23.0	7.0	116	44.7	139	112	-63	0.9	22.9	-15.6	-0.7	42.6	15	31	2.21	0.72	-0.97	
																85	89	86	85	88	86	86	88	85	83	83	86	85	84	83	85	85	85	84	84	84	
ZEF 230153	96455084	1		BBM 180016	VV 140032	114	90	87	125	99	96	93	72	89	90	79	112	101	80	90	87	89	88	70	88	49	145	93	100	99	101	78	73	83	130	131	
						90	90	89	88	87	82	90	87	83	87	-6	-0.32	-1.7	-8	9.5	-0.4	46	13.8	-34	6	47	2.8	8.7	-9.3	-0.4	32.4	-21	-10	-0.98	4.81	2.56	
																88	91	89	88	90	89	89	90	87	86	86	88	88	87	86	88	88	87	87	87	87	

Breeding Values and Accuracies: Bulls

Inbreeding in red is high

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

Animal				Selection Value											Birth			Wean				Growth & Adaptation					Fertility				Frame		Carcass		
ID	Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -brth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean wt	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thickn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
ZEF 230155	96455100	1			122	102	98	96	107	114	106	111	114	116	100	124	110	103	102	98	99	105	108	116	100	86	120	113	98	106	101	106	107	119	96
					90	90	89	89	87	82	90	88	83	88	23	-1.50	-3.0	26	15.9	3.3	71	29.5	110	75	-37	-0.5	25.0	-16.7	-0.2	35.4	-3	19	1.38	3.09	-0.39
															88	91	89	89	90	89	89	90	88	86	87	89	88	87	86	88	88	88	87	88	87
ZEF 230158	96455134	1			78	141	101	67	79	111	142	138	118	138	145	71	102	143	141	101	114	136	138	96	128	122	108	67	86	110	129	147	145	94	57
					89	89	87	87	86	81	88	86	82	86	84	4.00	-1.8	85	37.3	4.0	107	57.0	224	25	-82	1.5	17.7	9.8	2.0	38.1	20	56	5.25	-0.97	-3.71
															87	90	88	87	89	87	88	89	86	85	85	87	87	86	85	87	87	87	86	86	86
ZEF 230161	96455159	2			121	101	75	99	117	107	93	102	106	101	108	124	108	100	101	75	79	99	104	97	102	111	94	117	113	104	94	96	104	109	115
					90	90	88	88	87	82	89	86	83	86	34	-1.48	-2.6	23	15.5	-4.0	24	24.4	96	28	-40	1.0	9.0	-18.9	-2.8	33.9	-8	10	1.07	1.45	1.17
															87	91	89	88	90	88	89	90	87	86	86	87	87	87	86	88	87	87	86	87	86
ZEF 230167	96455209	2			102	131	118	74	104	137	144	120	136	141	142	101	113	131	131	118	124	129	117	82	100	131	111	87	104	121	112	125	147	143	81
					90	90	88	88	87	82	89	86	83	87	80	0.83	-3.3	68	31.4	9.3	131	50.8	143	-8	-37	2.0	19.5	-1.5	-1.3	44.5	7	36	5.45	6.92	-1.65
															88	90	89	88	90	88	89	90	87	86	86	88	88	87	86	88	88	87	87	87	87
ZEF 230169	96455225	2			93	112	72	95	128	107	97	108	108	110	106	92	121	105	112	72	85	114	102	107	106	90	123	115	120	120	105	102	135	97	101
					88	88	86	86	85	80	87	84	81	85	32	1.86	-4.4	30	21.4	-4.7	38	37.9	88	52	-46	-0.2	26.4	-17.4	-4.2	44.0	1	16	4.17	-0.37	0.02
															86	89	87	86	88	86	88	88	85	84	84	86	86	85	84	86	86	85	85	85	85
ZEF 230171	96455233	1			103	116	73	86	116	108	103	108	108	119	114	99	116	118	116	73	84	114	110	78	111	96	106	86	125	119	105	118	106	117	113
					88	89	87	86	85	80	88	85	81	85	42	1.11	-3.8	48	23.3	-4.5	35	37.9	116	-18	-55	0.1	16.2	-1.3	-5.1	43.2	1	30	1.29	2.75	1.07
															86	89	87	86	89	87	87	88	86	84	84	87	86	85	84	86	86	86	85	85	85
ZEF 230173	96455241	1			102	90	91	107	121	98	84	77	92	99	95	102	127	91	90	91	87	94	77	107	83	81	113	120	109	115	88	85	130	124	119
					90	90	89	89	87	82	90	87	83	87	17	0.74	-5.3	9	9.7	1.0	43	19.1	-7	52	-9	-0.7	20.8	-20.5	-2.1	40.8	-12	0	3.66	3.92	1.50
															88	91	89	89	90	89	89	90	88	86	86	89	88	87	86	88	88	88	87	87	87
ZEF 230184	96455340	1			98	100	105	94	93	94	98	85	91	101	108	97	102	104	100	105	102	102	85	103	77	125	91	81	96	114	92	95	99	104	96
					91	91	89	88	87	82	90	87	83	87	34	1.25	-1.8	28	14.8	5.3	78	26.8	23	43	1	1.7	7.2	1.9	0.3	40.3	-9	9	0.62	0.60	-0.39
															88	91	89	88	91	89	89	90	88	86	86	89	88	87	86	88	88	88	87	87	87
ZEF 230196	96455456	1			92	115	89	101	125	119	110	89	114	99	94	90	117	97	115	89	106	107	86	79	93	90	86	112	118	122	119	107	106	100	58
					89	89	87	86	85	81	88	85	82	85	16	2.01	-3.9	18	22.8	0.5	88	31.3	27	-15	-26	-0.2	4.2	-15.8	-3.8	45.5	12	20	1.26	-0.03	-3.63
															86	90	88	86	89	87	87	88	85	84	84	86	86	85	84	86	86	85	85	85	85
ZEF 240005	98171473	1			137	92	108	123	101	122	113	81	114	85	87	137	132	81	92	108	111	90	83	86	75	118	90	94	104	102	82	82	90	107	73
					90	89	88	88	87	81	89	86	82	87	6	-2.85	-5.9	-6	10.5	6.1	100	15.6	14	3	4	1.3	6.8	-5.9	-1.4	32.8	-17	-2	-0.32	1.23	-2.34
															88	91	89	88	89	88	88	88	87	86	86	88	88	87	86	88	87	87	87	87	87
ZEF 240006	98178841	1			126	106	82	116	119	125	111	109	124	111	89	129	100	86	106	82	98	106	104	91	102	88	82	114	117	106	99	100	129	112	114
					88	89	86	86	85	80	88	85	81	85	8	-2.09	-1.6	1	18.2	-1.8	69	30.6	96	14	-41	-0.3	1.9	-17.0	-3.5	35.2	-4	14	3.56	1.88	1.10
															86	89	87	86	89	86	87	86	85	84	84	86	86	85	84	86	86	85	85	85	85
ZEF 240007	98171481	1			105	99	109	98	75	90	103	103	91	103	106	100	113	100	99	109	106	104	99	112	91	122	90	63	82	112	93	103	109	92	90
					90	90	88	87	86	81	89	86	82	86	31	0.96	-3.3	22	14.1	6.6	89	28.6	75	65	-22	1.5	6.7	11.8	2.7	39.0	-9	17	1.60	-1.21	-0.91
															87	90	88	87	90	88	88	88	87	86	86	88	87	86	86	87	87	87	86	86	86

Breeding Values and Accuracies: Bulls

Inbreeding in red is high

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Animal						Selection Value										Birth			Wean				Growth & Adaptation					Fertility				Frame		Carcass		
ID	Animal no	% Inbreeding	Genomic Parentage	Index		Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -brth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean wt	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thickn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
				Sire ID	Dam ID																															
ZEF 240008	98171499	1	 AG 190157 ZEF 200184			104	107	117	108	122	132	119	107	129	116	99	109	85	90	107	117	129	106	108	79	98	98	109	132	106	107	104	104	121	123	113
						89	90	87	87	86	81	89	86	82	86	22	-0.01	0.4	7	18.6	9.0	142	30.5	108	-16	-33	0.2	18.0	-27.6	-1.6	35.8	0	17	2.75	3.67	1.01
																87	90	88	87	90	87	88	88	86	85	85	87	87	86	85	87	87	86	86	86	
ZEF 240010	98171507	1	 AG 190157 ZEF 200112			115	91	101	112	137	121	97	90	116	89	92	113	125	87	91	101	100	93	95	102	113	104	125	124	139	102	115	103	93	117	111
						88	89	86	86	85	80	88	84	81	85	13	-0.35	-4.9	3	10.2	4.0	72	18.6	60	41	-58	0.6	27.8	-22.9	-7.7	32.7	8	16	-0.01	2.82	0.89
																86	89	87	86	89	86	87	88	85	84	84	86	86	85	84	86	86	85	85	85	
ZEF 240011	98171515	1	 AG 190157 ZEF 200166			112	104	100	106	114	120	109	108	118	116	94	119	90	93	104	100	108	109	105	101	89	124	108	115	113	97	96	105	106	119	62
						90	90	88	88	87	82	89	86	83	86	15	-0.97	-0.2	11	17.3	3.6	93	32.9	100	37	-19	1.7	17.5	-17.4	-2.9	30.2	-7	18	1.31	3.05	-3.24
																87	91	89	88	90	88	89	89	87	86	86	88	87	87	86	88	87	87	86	87	
ZEF 240016	98171556	1	 LAR 200121 ZEF 210160			128	104	101	98	109	123	112	106	121	117	103	129	114	101	104	101	104	109	108	108	108	92	124	130	87	112	90	106	90	100	119
						89	89	87	87	86	81	88	86	82	86	27	-2.05	-3.4	23	17.1	4.0	83	32.6	108	56	-50	-0.1	26.9	-26.2	1.8	39.2	-11	19	-0.37	0.05	1.57
																86	90	88	87	89	87	88	88	87	86	85	87	87	86	85	87	87	87	86	86	
ZEF 240019	98178791		 ZEF 190088			88	121	92	94	85	101	117	100	100	107	110	85	103	106	121	92	109	109	105	83	113	117	114	78	92	103	98	103	121	108	111
						88	88	86	86	85	80	87	84	81	85	37	2.59	-1.9	30	26.3	1.2	96	33.1	97	-4	-57	1.3	21.0	3.2	0.8	33.6	-5	17	2.79	1.25	0.85
																86	88	87	86	88	86	87	87	85	84	84	86	86	85	84	86	85	85	85	85	
ZEF 240024	98178817	1	 LAR 200121 ZEF 210225			95	120	75	95	112	109	108	107	109	108	108	93	119	106	120	75	94	115	110	103	105	117	116	100	110	113	102	105	111	106	80
						88	88	86	86	85	80	87	85	81	85	34	1.75	-4.2	31	25.4	-4.0	59	38.2	118	43	-44	1.3	22.4	-8.9	-2.4	39.9	-2	18	1.79	1.02	-1.76
																85	89	87	86	88	86	87	87	85	85	84	86	86	85	84	86	86	86	85	85	
ZEF 240026	98178833	1	 LAR 200121 ZEF 210065			95	121	92	91	97	112	118	124	115	120	115	96	100	109	121	92	108	119	127	98	138	72	139	93	100	104	108	125	105	97	99
						89	89	87	87	85	81	88	86	82	86	43	1.36	-1.6	36	26.5	1.3	93	41.9	181	31	-98	-1.2	36.4	-5.0	-0.5	34.4	3	36	1.23	-0.35	-0.15
																86	90	88	87	89	87	88	88	86	85	85	87	87	85	84	86	87	86	85	86	
ZEF 240035	98171648	2	LAR 200499 ZEF 170015			79	123	97	89	113	115	116	122	117	120	118	77	94	111	123	97	112	122	124	112	120	68	120	111	104	112	109	118	112	100	110
						68	69	53	49	37	53	63	37	50	36	48	3.33	-0.7	39	27.2	2.9	103	45.1	171	64	-70	-1.5	24.6	-15.6	-1.3	39.3	4	30	1.91	-0.01	0.80
																46	73	57	49	69	53	57	52	43	23	29	49	47	39	25	47	46	43	35	37	35
ZEF 240036	98171655	1	 LAR 200121 ZEF 210122			98	109	120	87	123	125	113	127	128	121	115	105	91	112	109	120	117	121	116	112	125	85	115	127	108	114	112	114	100	95	109
						89	89	87	87	86	81	88	86	82	86	43	0.48	-0.4	40	19.6	9.7	115	43.9	139	64	-78	-0.5	21.5	-24.7	-2.0	40.5	7	26	0.73	-0.70	0.65
																86	90	88	87	89	87	88	88	86	86	85	87	87	86	85	87	87	86	85	86	
ZEF 240037	98171663		 ZEF 180086			91	111	108	85	110	110	107	129	115	126	126	96	94	116	111	108	107	118	124	119	122	108	134	110	104	113	114	121	133	96	80
						88	88	86	86	85	80	87	86	81	85	58	1.41	-0.8	46	20.7	6.1	91	40.9	171	83	-72	0.8	33.0	-14.8	-1.2	39.5	8	33	4.02	-0.53	-1.74
																86	89	87	86	88	86	87	86	85	85	85	86	86	85	84	86	86	86	85	85	
ZEF 240039	98171689	1	 BBM 180016 ZEF 180175			113	93	85	121	92	93	94	79	88	84	86	108	112	83	93	85	88	91	85	76	97	125	112	87	100	102	72	75	92	99	110
						90	90	89	88	87	82	90	87	83	87	5	0.19	-3.3	-3	11.3	-1.0	45	16.5	23	-21	-31	1.7	19.9	-1.6	-0.5	32.8	-26	-8	-0.16	-0.11	0.80
																88	91	89	88	90	89	89	90	88	86	86	88	88	87	86	88	88	87	87	87	
ZEF 240041	98171697	1	 LAR 200121 ZEF 210200			102	102	94	107	92	97	100	94	95	95	93	103	93	92	102	94	101	102	99	102	92	87	111	103	84	106	90	90	85	103	105
						88	88	86	86	85	80	87	85	81	84	14	0.61	-0.6	10	15.9	1.8	76	27.0	75	40	-24	-0.4	19.4	-11.0	2.3	35.2	-11	5	-0.82	0.47	0.37
																85	89	87	86	88	86	87	86	85	85	84	86	86	85	84	86	86	85	84	85	84

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Animal				Selection Value										Birth			Wean				Growth & Adaptation					Fertility				Frame		Carcass					
ID	Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Sire ID	Dam ID	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -brth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean wt	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thicken	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
ZEF 240043	98171705		 ZEF 170086				128	86	95	120	133	120	94	94	115	95	85	124	119	83	86	95	90	95	105	111	105	112	95	121	125	117	95	103	105	109	97
							89	89	87	87	86	81	88	86	82	86	3	-1.49	-4.2	-3	7.1	2.2	50	20.7	99	63	-44	1.0	9.8	-21.2	-5.1	41.9	-7	16	1.23	1.45	-0.33
																	86	89	88	87	89	87	88	87	86	85	85	87	87	86	85	86	86	86	86	86	
ZEF 240047	98171739	1	 BBM 180016  ZEF 180179				110	94	103	115	119	114	100	85	108	93	86	111	94	85	94	103	105	94	85	89	91	145	101	120	112	105	93	92	95	108	106
							90	90	88	88	86	82	89	86	83	86	5	-0.20	-0.8	0	11.6	4.6	86	19.7	21	10	-21	2.8	13.5	-20.6	-2.7	34.5	-8	7	0.18	1.36	0.48
																	87	90	89	88	90	88	89	89	87	85	85	87	87	86	85	87	87	86	86	86	
ZEF 240052	98171762		 ZEF 180173				111	96	96	125	92	102	105	97	101	87	82	109	99	79	96	96	105	100	103	103	97	124	107	96	93	102	92	86	84	88	82
							87	87	86	85	84	79	87	84	80	84	-1	0.05	-1.5	-8	13.0	2.4	85	24.6	91	43	-31	1.7	17.1	-6.7	0.7	33.2	-9	2	-0.92	-1.87	-1.58
																	85	88	86	85	87	86	86	86	84	84	84	85	85	84	83	85	85	84	84	84	
ZEF 240053	98171770	1	 LAR 200121  ZEF 210113				77	124	110	75	91	105	123	125	110	132	133	75	97	130	124	110	113	129	126	111	124	104	109	100	89	98	117	129	110	103	94
							89	89	87	87	85	81	88	86	82	85	68	3.61	-1.2	66	28.0	6.7	105	50.6	178	63	-77	0.6	18.1	-8.9	1.4	30.6	10	39	1.64	0.59	-0.57
																	86	90	88	87	89	87	88	88	86	85	85	87	87	85	84	86	87	86	85	85	85
ZEF 240055	98171960		VV 090219				88	101	82	97	123	95	84	74	89	79	98	91	90	103	101	82	84	95	79	94	91	91	106	118	132	85	105	93	65	87	108
							62	63	45	39	29	47	56	26	43	24	21	1.92	-0.2	26	15.4	-1.9	34	20.7	-1	20	-22	-0.2	16.2	-19.6	-6.3	22.3	1	7	-2.79	-1.96	0.61
																	40	67	49	39	63	45	49	40	29	8	21	33	32	30	19	39	32	30	23	25	23
ZEF 240058	98171804	1	 LAR 200499  ZEF 130037				86	120	106	80	76	97	118	114	100	126	121	86	102	122	120	106	111	116	117	99	121	105	107	55	91	110	105	118	102	105	104
							90	90	88	88	86	82	89	86	83	86	51	2.47	-1.9	55	25.8	5.6	100	39.6	142	33	-72	0.6	16.9	16.7	1.0	37.7	1	29	0.91	0.88	0.24
																	87	90	89	88	90	88	89	88	87	85	85	88	87	86	85	87	87	87	86	86	86
ZEF 240060	98171812	1	 LAR 200499  ZEF 130082				111	92	98	119	107	104	98	86	100	88	85	105	110	84	92	98	99	87	88	94	81	73	97	111	98	110	83	83	87	112	82
							90	90	88	88	86	82	89	86	83	86	3	0.42	-3.0	-2	10.3	3.0	70	13.5	34	20	-5	-1.1	11.0	-15.5	-0.2	37.7	-17	-1	-0.61	1.95	-1.56
																	87	90	89	88	90	88	89	88	87	85	85	87	87	86	85	87	87	87	86	86	86
ZEF 240062	98171838	1	 BBM 180016  CRV 180158				110	104	107	107	86	107	114	81	101	94	94	106	111	91	104	107	116	97	88	83	89	145	88	79	98	94	91	101	77	106	86
							90	90	89	89	87	82	90	87	83	88	16	0.37	-3.0	9	17.2	5.8	111	21.9	34	-4	-18	2.8	5.7	3.0	-0.1	28.3	-10	15	-1.67	1.00	-1.21
																	88	91	89	89	90	89	89	89	88	86	86	86	89	89	87	86	88	88	87	88	87
ZEF 240065	98171853	6	 LAR 200499  AG 110455				83	118	84	90	96	96	106	117	100	118	108	81	101	111	118	84	98	118	114	105	111	71	97	95	91	112	99	107	112	129	125
							90	90	88	88	87	82	89	86	83	86	35	2.98	-1.7	38	24.6	-1.1	68	41.5	133	48	-55	-1.3	11.2	-6.4	1.1	39.2	-4	20	1.94	4.60	2.07
																	87	91	89	88	90	88	89	88	87	86	86	88	88	87	86	88	88	87	86	87	86
ZEF 240066	98171861		 ZEF 160055				79	118	98	73	104	99	109	123	104	119	128	74	101	133	118	98	98	123	132	94	132	99	114	92	111	103	123	123	97	118	101
							88	88	87	86	85	80	88	85	81	85	62	3.67	-1.7	71	24.6	3.1	69	45.4	199	21	-90	0.3	21.1	-4.7	-2.6	33.6	15	34	0.36	2.83	0.01
																	86	89	87	86	88	87	87	86	85	85	84	86	86	85	84	86	86	85	85	85	85
ZEF 240067	98171879		 ZEF 160166				124	94	84	104	80	87	92	77	82	83	89	121	129	95	94	84	82	93	74	103	66	111	100	88	77	105	77	78	84	92	100
							88	88	86	86	85	80	87	84	81	84	8	-1.18	-5.5	15	11.6	-1.2	31	18.4	-20	42	19	0.9	12.6	-2.5	3.6	34.6	-22	-6	-0.93	-1.16	-0.10
																	85	89	87	86	88	86	87	86	85	84	84	86	86	85	84	86	85	85	84	85	84
ZEF 240068	98178858		 ZEF 200270				80	136	99	81	100	121	134	118	122	127	123	71	97	122	136	99	119	131	119	108	111	100	121	93	92	119	114	127	123	109	84
							89	89	87	87	86	81	88	86	82	86	55	4.00	-1.2	54	34.2	3.6	119	53.2	150	55	-55	0.3	25.5	-4.9	0.8	43.2	8	37	3.01	1.54	-1.42
																	87	89	88	87	89	87	88	87	86	85	85	87	86	86	85	87	86	86	86	86	86

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Animal				Selection Value										Birth			Wean				Growth & Adaptation					Fertility				Frame		Carcass						
ID	Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Sire ID	Dam ID	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -brth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean wt	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thicken	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling	
ZEF 240070	98171895				ZEF 180133		106	90	117	111	134	121	100	111	121	96	85	102	105	87	90	117	113	96	108	96	112	109	103	119	137	104	127	107	87	91	94	
							88	88	86	86	85	80	87	84	81	84	3	0.73	-2.3	3	9.5	9.0	105	21.2	108	27	-57	0.8	14.7	-19.8	-7.2	34.3	19	20	-0.59	-1.37	-0.56	
							85	88	87			85	88	86	87		86	88	87	86	88	86	87	86	85	84	84	85	85	85	84	86	85	85	84	84	84	
ZEF 240071	98171903	1			BBM 180016	ZEF 190209	117	107	106	101	116	127	117	100	123	101	99	116	109	97	107	106	113	103	105	94	102	114	121	114	107	116	96	101	103	105	119	
							90	90	88	88	87	82	89	87	83	87	22	-0.73	-2.7	17	18.7	5.5	106	27.4	99	21	-40	1.1	25.4	-16.9	-1.7	41.2	-6	15	1.00	0.76	1.55	
							88	91	89			88	90	88	89		88	91	89	88	90	88	89	89	87	86	86	88	88	87	86	88	88	87	87	87	87	
ZEF 240072	98171911				EB 170054		90	122	109	78	124	128	123	128	131	131	125	92	102	126	122	109	113	127	126	103	108	95	102	104	126	119	99	122	119	129	111	
							88	88	87	87	85	80	88	86	81	85	57	1.79	-1.9	60	26.7	6.6	104	49.6	178	43	-50	0.0	14.0	-11.2	-5.1	43.1	-4	33	2.62	4.63	0.82	
							86	89	87			86	88	87	87		86	89	87	87	88	87	87	86	86	85	85	86	86	85	84	86	86	85	85	85	85	
ZEF 240074	98171929	1			BBM 180016	ZEF 170005	120	109	101	98	114	127	118	113	126	125	99	115	122	101	109	101	109	110	110	102	112	94	116	104	108	114	100	108	102	123	121	
							89	88	88	87	86	81	88	86	82	86	22	-0.61	-4.6	23	19.7	4.1	95	34.2	117	40	-57	0.0	22.5	-11.6	-2.0	40.4	-3	21	0.92	3.66	1.70	
												87	88	86	82	86	87	90	88	88	88	88		88	86	85	85	87	87	86	84	87	87	86	86	86	86	
ZEF 240076	98171937				ZEF 200101		98	100	108	111	107	110	105	91	106	91	87	102	84	88	100	108	114	102	94	109	90	99	106	110	100	108	99	89	89	89	105	105
							87	86	85	85	84	79	86	84	80	84	6	0.75	0.6	4	15.1	6.1	108	26.6	55	58	-21	0.3	16.6	-15.0	-0.6	36.7	-4	4	-0.43	0.90	0.38	
							85	88	86			85	86	85	85		85	88	86	85	85	85		86	84	83	84	85	85	84	83	85	85	84	84	84	84	
ZEF 240079	98178866				ZEF 200163		89	118	112	87	102	115	119	108	114	120	117	89	98	113	118	112	118	119	111	95	101	105	111	88	102	118	95	101	107	103	110	
							89	87	87	87	86	80	87	86	81	86	46	2.07	-1.3	41	24.4	7.3	117	41.7	119	23	-38	0.6	19.1	-2.5	-1.0	43.0	-7	14	1.41	0.59	0.75	
												86	89	88			86	89	88	87	87	87		86	86	85	85	87	87	86	85	87	86	86	86	86	86	
ZEF 240084	98172208	1			BBM 180016	ZEF 200011	92	112	103	88	126	120	108	95	116	110	111	95	97	112	112	103	107	111	98	117	95	113	105	126	119	106	96	101	99	111	113	
							89	89	88	88	86	81	89	86	82	86	38	1.52	-1.2	39	21.2	4.8	91	35.0	72	76	-28	1.1	15.7	-24.0	-3.9	35.1	-6	15	0.58	1.75	1.04	
												87	89	88			87	89	88	88	89	88		88	87	85	86	88	88	86	85	87	87	87	86	87	86	
ZEF 240087	98172224	1			BBM 180016	ZEF 210272	109	108	106	99	91	110	115	75	103	105	104	106	112	99	108	106	113	105	72	105	81	139	101	82	90	117	83	90	109	113	123	
							90	90	88	88	87	82	89	88	83	88	29	0.40	-3.2	20	19.2	5.5	106	29.0	-28	47	-5	2.5	13.2	0.9	1.3	42.4	-16	5	1.60	2.12	1.87	
							88	90	89			88	90	88	89		88	90	88	88	90	88	89	89	88	86	86	90	90	87	86	88	89	88	88	89	88	
ZEF 240088	98172232	1			BBM 180016	ZEF 200079	109	117	80	105	119	124	117	125	126	127	101	106	109	94	117	80	103	117	126	91	123	134	147	122	107	110	109	119	118	115	88	
							89	89	87	87	86	81	88	86	82	86	25	0.36	-2.8	14	24.3	-2.3	80	40.3	178	13	-74	2.2	41.0	-21.7	-1.8	37.6	4	30	2.45	2.41	-1.08	
							87	90	88			87	89	87	88		87	90	88	87	89	87	88	88	86	85	85	87	87	86	84	87	87	86	86	86	86	
ZEF 240091	98172257				ZEF 220083		127	95	82	110	117	110	95	83	104	87	91	126	112	89	95	82	84	94	89	87	87	88	98	121	103	115	92	85	78	101	94	
							87	88	86	85	85	80	87	84	81	84	11	-1.70	-3.3	6	11.9	-1.7	36	19.6	39	4	-16	-0.3	11.4	-21.0	-1.1	40.9	-9	1	-1.51	0.23	-0.58	
												85	88	86			85	88	86	85	88	86	86	86	85	84	84	86	85	85	84	86	85	85	84	85	84	
ZEF 240093	98172265				ZEF 220089		94	116	90	83	97	101	109	113	103	117	116	91	111	120	116	90	96	114	114	92	115	101	107	86	98	113	120	110	110	109	88	
							88	88	86	86	85	80	87	86	81	86	45	1.95	-3.0	52	23.7	0.6	64	37.3	134	16	-61	0.4	16.9	-1.0	-0.2	39.8	13	22	1.68	1.49	-1.09	
												86	88	87			86	88	87	86	88	86	87	87	86	85	85	88	88	85	84	86	88	86	86	87	86	
ZEF 240095	98178874				ZEF 220002		115	114	102	89	109	125	120	110	123	115	117	110	122	111	114	102	108	119	114	101	114	119	125	108	93	122	105	119	103	95	86	
							88	88	86	86	84	80	87	86	81	86	46	-0.09	-4.6	39	22.6	4.2	94	42.2	131	38	-60	1.4	27.9	-13.9	0.7	45.0	1	30	0.95	-0.75	-1.25	
												85	88	87			85	88	86	86	88	86	87	86	86	84	84	89	88	84	84	85	87	86	86	87	86	

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Animal					Selection Value										Birth			Wean				Growth & Adaptation					Fertility				Frame		Carcass										
ID	Animal no	% Inbreeding	Genomic Parentage	Index	Sire ID	Dam ID	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -brth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean wt	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thickn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling						
				EBV Acc																																							
ZEF 240099	98172281	3	 LAR 190442		ZEF 210055		110	88	86	116	109	94	84	82	89	86	81	89	86	82	89	86	83	108	103	85	88	86	83	92	85	96	71	101	83	112	107	101	88	80	89	99	84
							90	90	88	87	86	81	89	86	82	86	-2	0.11	-1.9	0	8.1	-0.6	31	18.1	22	26	11	0.4	2.4	-15.8	-1.8	32.3	-12	4	-0.38	-0.15	-1.43						
																	87	91	88	87	90	88	88	88	87	86	85	88	87	86	85	87	87	87	86	87	86	87	86				
ZEF 240102	98172307		 ZEF 220191				118	97	81	120	104	104	98	95	102	99	87	87	85	85	84																						
												79	86	84	80	84	8	-0.93	-1.7	-2	13.2	-2.0	46	25.0	73	24	-26	-0.4	11.8	-15.6	0.2	38.1	-14	3	-0.74	4.30	1.84						
																	85	88	86	85	87	85	86	86	85	84	84	85	85	84	84	85	85	85	85	85	84	84	84	84			
ZEF 240105	98172331		 ZEF 220096				107	94	90	106	105	95	89	106	96	107	87	87	85	85	84																						
												79	86	84	80	84	16	0.21	-1.5	11	11.5	0.7	47	23.7	97	9	-36	-0.6	8.5	-19.3	1.0	37.4	2	16	0.59	3.80	-0.36						
																	85	88	86	85	87	85	86	86	85	84	84	85	85	84	84	85	85	85	85	84	85	84	85	84			
ZEF 240111	98172372		 ZEF 220133				122	80	130	108	119	116	95	90	111	89	87	88	86	85																							
												80	87	86	81	86	8	-1.92	-1.0	6	3.8	12.8	104	12.1	61	43	-42	-0.5	9.1	-22.1	-1.7	40.8	-10	9	-2.03	3.42	-1.84						
																	85	88	86	85	88	86	86	86	86	86	84	84	89	88	85	84	85	87	86	86	87	86	86				
ZEF 240112	98172380				ZEF 190162		97	115	100	95	114	119	116	100	116	106	59	59	39	37	25																						
												43	52	22	39	24	27	1.65	-2.4	28	23.0	3.6	101	30.9	112	2	-30	0.3	10.5	-16.8	-4.2	23.2	0	22	0.26	0.29	-0.21						
																	37	65	46	37	59	39	45	36	26	6	16	30	29	26	16	34	28	26	22	25	22	22	22	22			
ZEF 240115	98172398	1	 LAR 190442		ZEF 210107		106	86	99	112	100	90	86	95	89	86	89	90	87	86																							
												81	89	86	82	88	12	0.47	-1.7	3	7.3	3.3	53	16.1	58	60	-24	0.9	-8.0	-10.0	-0.3	33.2	-14	0	1.49	-2.77	0.29						
																	87	90	88	87	90	87	88	89	88	85	85	90	89	86	85	87	89	88	87	88	88	87	87				
ZEF 240119	98172414		 BBM 180016		ZEF 200263		120	108	85	110	108	119	113	81	111	102	89	90	88																								
												81	89	86	82	88	10	-0.72	-4.9	6	19.5	-0.9	75	28.0	-32	32	18	2.4	4.1	-17.9	-1.0	33.5	-26	-6	-0.07	1.69	0.37						
																	87	90	88	87	90	88	88	88	88	85	85	90	89	86	85	87	89	88	87	88	88	87	88				
ZEF 240132	98172489	1	 LAR 200104		ZEF 190002		89	122	71	85	96	94	104	134	102	126	89	90	88																								
												81	89	88	82	88	47	1.81	-6.2	50	26.5	-5.2	42	48.4	218	56	-76	2.1	12.8	-6.9	1.0	37.2	-1	32	2.04	-0.30	-0.91						
																	87	90	88	88	90	88	89	88	88	86	86	90	90	86	85	87	89	88	88	88	88	88	88	88			
ZEF 240137	98172539	1	 LAR 190442		ZEF 210042		112	89	100	107	88	89	91	102	90	100	89	90	87																								
												81	88	86	82	88	16	0.15	-3.2	9	8.8	3.7	58	20.7	52	114	-26	-0.8	3.3	2.7	-0.4	31.7	-3	7	-0.20	-0.18	1.68						
																	86	90	88	87	89	87	88	88	87	85	85	90	89	85	84	87	89	87	87	88	88	87	87				
ZEF 240143	98172570		 LAR 200104		ZEF 120148		94	102	95	96	93	91	95	123	96	108	90	90	88																								
												82	89	87	83	88	38	1.22	-0.3	27	16.2	2.2	65	31.3	187	48	-93	0.6	20.0	-16.3	1.9	26.4	3	22	2.46	-2.09	-0.73						
																	87	90	89	88	90	88	89	88	88	85	85	90	89	86	85	87	89	88	87	88	88	87	87				
ZEF 240146	98172604	2	 LAR 190319		VV 170031		98	118	96	87	135	130	114	135	134	121	89	89	87																								
												81	88	85	82	86	48	0.99	-1.6	114	118	96	105	122	132	104	131	101	122	132	116	120	108	123	119	94	91						
																	86	90	88	87	89	87	88	88	86	85	84	87	26.1	-27.3	-3.5	44.1	3	34	2.61	-0.83	-0.87						
ZEF 240148	98172620	2	 LAR 190319		ZEF 180040		109	95	109	109	110	111	102	110	111	98	89	89	87																								
												81	88	86	82	86	16	-0.14	-1.1	6	12.2	6.5	96	26.0	99	62	-53	1.3	108	132	92	105	89	96	102	104	104						
																	86	90	88	87	89	87	88	88	86	85	85	87	87	85	84	87	87	86	86	86	86	86	86				

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Animal					Selection Value										Birth			Wean				Growth & Adaptation					Fertility				Frame		Carcass				
ID	Animal no	% Inbreeding	Genomic Parentage	Index	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -brth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean wt	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thicken	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling		
				EBV Acc																																	
ZEF 240150	98172646	1		LAR 200104	107	106	96	102	95	106	109	88	101	101	104	103	111	97	106	96	105	105	93	118	86	107	110	102	92	105	95	100	84	92	108		
				ZEF 200053	89	89	87	87	85	81	88	86	82	88	29	0.70	-3.1	17	18.3	2.6	84	29.5	53	78	-13	0.7	18.8	-10.5	0.8	34.6	-7	14	-0.91	-1.21	0.64		
ZEF 240151	98172653	1		LAR 200104	108	118	103	88	109	125	121	152	133	137	121	108	110	113	118	103	111	128	151	113	151	115	147	117	92	116	115	127	109	101	100		
				ZEF 150138	70	72	56	52	38	55	66	52	54	64	51	0.15	-2.9	41	24.4	4.6	101	49.7	272	66	-121	1.2	41.0	-18.9	0.9	41.5	9	38	1.54	0.21	-0.05		
ZEF 240159	98172687		LAR 200104	120	95	105	104	123	120	101	88	114	92	94	124	101	94	95	105	103	94	88	87	69	145	102	114	124	104	80	72	92	104	88			
			ZEF 150075	89	89	88	87	86	81	89	86	82	88	15	-1.51	-1.7	13	12.0	5.3	80	19.7	33	5	14	2.8	14.0	-17.2	-4.9	34.4	-19	-11	-0.14	0.67	-1.04			
ZEF 240160	98172695		LAR 190319	92	117	91	99	99	107	114	100	106	106	99	88	111	100	117	91	108	118	91	123	97	108	85	101	94	104	111	117	98	87	100			
			ZEF 130179	91	91	89	89	87	83	90	88	84	88	22	2.23	-3.0	22	24.0	0.8	92	41.1	45	92	-32	0.7	3.5	-9.6	0.5	34.4	5	29	0.44	-1.98	-0.10			
ZEF 240165	98172737	1		LAR 200104	90	118	97	90	98	108	113	134	114	119	117	94	91	110	118	97	108	125	129	123	142	102	120	119	80	108	125	124	137	80	89		
				ZEF 150109	90	90	89	88	87	82	90	87	83	87	47	1.56	-0.4	37	24.7	2.8	94	47.7	188	91	-105	0.4	24.6	-19.7	3.1	36.8	17	35	4.39	-3.17	-0.97		
ZEF 240173	98172794	1		LAR 190319	88	118	102	88	95	106	115	126	111	124	113	83	112	112	118	102	111	124	122	107	109	131	107	93	91	113	107	121	133	106	106		
				ZEF 190066	90	90	88	88	87	82	89	88	83	88	41	2.74	-3.2	40	24.4	4.4	100	46.8	161	53	-51	2.0	16.8	-5.2	1.1	39.5	2	32	3.99	1.00	0.47		
ZEF 240174	98172802	2		LAR 190319	100	120	106	82	101	118	123	106	117	114	123	100	110	121	120	106	111	115	108	93	96	133	117	90	102	110	96	106	120	117	98		
				ZEF 200149	89	89	87	87	86	81	88	86	82	88	54	1.02	-2.9	53	25.7	5.5	101	38.0	108	18	-30	2.2	23.1	-3.4	-1.0	37.6	-6	19	2.69	2.77	-0.25		
ZEF 240175	98172810	1		LAR 190442	128	87	89	130	99	103	96	76	97	85	80	128	138	75	87	89	91	86	77	93	65	120	106	96	99	107	72	76	92	101	82		
				ZEF 220091	90	90	88	87	86	81	89	87	82	88	-4	-1.92	-6.8	-15	8.0	0.4	51	11.9	-7	19	20	1.5	16.3	-6.7	-0.4	35.9	-25	-8	-0.16	0.14	-1.57		
ZEF 240176	98172828	1		MCU 180167	112	95	110	108	112	114	104	87	109	91	93	109	122	90	95	110	110	98	87	121	114	103	89	122	112	91	132	111	96	103	101		
				ZEF 160059	89	89	88	87	86	81	89	86	82	85	14	0.00	-4.6	8	12.2	6.9	98	23.4	31	87	-60	0.5	6.2	-21.7	-2.7	26.2	22	24	0.30	0.59	0.01		
ZEF 240180	98172836	1		LAR 190442	100	115	120	79	90	114	123	133	119	128	128	104	103	124	115	120	117	124	115	120	117	121	137	123	115	125	110	96	87	106	117	112	93
				ZEF 200044	90	90	88	88	87	82	89	88	83	88	61	0.60	-2.0	57	23.2	9.8	113	44.1	220	92	-61	1.7	19.0	-6.7	1.7	35.2	7	37	2.41	1.94	-0.63		
ZEF 240181	98172844	1		LAR 190442	98	100	119	99	87	101	106	115	103	112	103	102	89	98	100	119	118	109	115	100	94	101	105	83	86	117	100	101	114	112	107		
				ZEF 220187	89	90	87	87	86	81	89	86	82	86	28	0.78	-0.1	19	14.9	9.7	117	33.4	135	36	-28	0.4	15.7	0.7	1.9	42.2	-3	14	2.08	1.92	0.54		
ZEF 240182	98172851	2		LAR 190442	111	104	106	123	112	127	120	118	127	112	86	110	98	81	104	106	123	107	112	96	99	126	100	122	99	105	88	90	144	110	86		
				ZEF 200069	89	89	87	86	85	81	88	86	82	86	5	-0.11	-1.3	-6	17.3	5.7	129	30.9	124	25	-35	1.8	12.8	-21.9	-0.3	34.9	-13	5	5.12	1.70	-1.29		

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Animal					Selection Value										Birth			Wean				Growth & Adaptation					Fertility				Frame		Carcass		
ID	Animal no	% Inbreeding	Genomic Parentage	Index	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -brth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean wt	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thickn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
				EBV Acc																															
ZEF 240187	98172893	1	 LAR 190442 VVF 160416		119	100	100	98	102	109	103	111	110	124	104	122	104	100	100	100	99	103	109	110	102	83	104	105	94	114	103	98	101	143	135
					88	88	86	85	84	80	87	85	81	86	28	-1.35	-2.1	22	14.8	3.6	72	27.6	112	59	-39	-0.6	15.0	-12.1	0.6	40.3	0	12	0.74	6.92	2.87
															85	89	86	85	88	86	86	87	86	83	83	89	88	84	83	85	87	86	85	86	85
ZEF 240189	98172919		 ZEF 220254		125	90	94	105	110	106	94	102	105	100	92	121	126	93	90	94	89	93	95	78	97	92	97	103	110	108	106	97	95	96	120
					87	87	84	84	83	79	86	84	80	83	12	-1.23	-5.1	12	9.7	2.0	47	18.5	60	-18	-32	-0.1	10.9	-10.9	-2.4	36.6	2	11	0.16	-0.54	1.65
															84	88	85	84	87	84	85	84	84	83	83	84	84	83	82	84	84	83	83	83	
ZEF 240193	98172943	1	 LAR 190442 ZEF 160140		134	70	100	139	96	95	85	70	88	66	67	140	129	64	70	100	89	72	73	86	61	115	100	95	99	101	58	57	87	91	79
					90	90	88	88	87	82	89	87	83	88	-22	-3.18	-5.5	-31	-1.5	3.8	47	-0.3	-24	1	27	1.2	12.9	-6.5	-0.3	32.6	-36	-25	-0.61	-1.41	-1.83
															87	91	89	88	90	88	89	89	88	86	85	90	90	86	86	88	89	87	88	88	
ZEF 240194	98172950	1	 LAR 190442 ZEF 180002		79	140	81	76	110	119	131	128	123	132	131	67	97	131	140	81	104	139	135	97	129	121	98	106	97	123	127	139	120	94	73
					88	89	87	86	85	80	88	86	81	86	65	4.44	-1.2	67	36.5	-2.1	84	60.1	213	30	-85	1.5	11.8	-12.6	0.0	45.5	19	48	2.71	-0.97	-2.38
															86	89	87	86	89	87	87	88	87	84	84	89	89	85	84	86	88	87	86	87	86
ZEF 240198	98172992		ZEF 220066		94	107	95	95	124	112	102			99	107	93	101	104	107	95	101	103	97	92	88	109	98	122	129	86	97	96	93	100	106
					56	58	32	25	20	39	49			21	32	1.75	-1.7	28	18.7	2.3	75	27.3	69	17	-17	0.8	11.6	-21.7	-5.8	22.9	-6	10	0.01	0.09	0.45
															26	63	39	25	58	32	38	28	22	5	13	25	24	24	9	27	24	22	20	22	20
ZEF 240199	98173008	1	 LAR 190442 VVF 160212		92	105	70	106	106	89	88	86	86	94	90	96	83	94	105	70	81	102	76	94	81	94	103	110	96	112	83	81	74	104	101
					89	89	87	86	85	81	88	86	82	86	9	1.44	0.7	12	17.5	-5.6	28	26.7	-11	22	-5	0.0	14.8	-15.0	0.1	39.3	-17	-3	-1.92	0.74	0.02
															86	90	88	86	89	87	87	88	87	84	84	89	89	85	84	86	88	87	86	87	86
ZEF 240201	98173024	2	 LAR 190442 CRV 110203		121	96	96	104	106	108	101	92	105	96	93	116	120	94	96	96	96	98	89	103	98	100	93	105	98	112	85	92	99	93	98
					89	89	87	86	85	81	88	85	82	85	14	-0.67	-4.3	13	13.0	2.6	65	23.4	39	43	-34	0.3	8.5	-11.9	-0.3	39.1	-15	6	0.62	-1.02	-0.28
															86	90	87	86	89	87	87	87	86	84	84	87	86	85	84	86	86	86	85	85	85
ZEF 240204	98173040		ZEF 220106		125	83	85	118	118	101	84	68	93	77	86	120	119	85	83	85	77	81	73	101	73	98	88	115	128	80	82	80	89	98	104
					57	58	33	26	23	40	49	20	36	21	4	-1.07	-4.2	-1	5.8	-0.9	18	8.2	-22	38	8	0.2	5.9	-17.9	-5.7	19.8	-17	-4	-0.46	-0.20	0.27
															27	64	40	26	58	33	39	31	23	11	14	26	26	26	12	30	25	24	20	22	20
ZEF 240208	98173073	1	 LAR 190442 ZEF 170080		113	94	88	113	84	88	93	103	89	95	90	113	103	87	94	88	90	95	103	99	94	87	106	78	90	109	78	83	82	101	90
					90	90	88	87	86	81	89	87	82	88	10	-0.34	-2.0	3	11.4	0.2	49	20.5	92	34	-28	-0.4	16.3	3.4	1.2	37.0	-21	-1	-1.13	0.21	-0.94
															87	91	88	87	90	88	88	89	88	85	85	90	89	86	85	87	89	88	87	88	87
ZEF 240334	98803315	1	 LAR 200499 VVF 150013		93	110	103	94	109	111	110	108	111	108	105	89	113	105	110	103	109	113	113	104	111	79	93	103	105	117	87	105	100	117	109
					90	90	88	88	87	82	89	86	83	86	30	2.13	-3.4	30	20.5	4.8	96	36.4	129	46	-55	-0.8	8.3	-11.0	-1.4	42.1	-14	18	0.68	2.75	0.65
															88	91	89	88	90	88	89	89	87	86	86	88	88	87	86	88	88	87	86	86	86
ZEF 250002	99106809	3	 LAR 190442 ZEF 180164		122	94	81	114	95	96	94	101	96	96	94	117	118	87	94	81	84	99	99	103	90	104	107	91	101	102	84	84	92	107	107
					90	89	88	88	87	81	89	87	82	87	15	-0.84	-4.0	2	11.5	-2.0	35	23.7	75	43	-20	0.6	17.1	-4.0	-0.8	33.2	-16	0	-0.10	1.21	0.49
															87	91	89	88	89	88	88	88	87	86	86	88	88	87	86	88	88	87	87	87	87
ZEF 250004	99106775	1	MCU 180167 ZEF 190039		124	105	118	91	131	140	119	113	137	116	117	122	119	108	105	118	115	106	113	101	112	104	110	127	124	108	125	125	118	103	109
					68	58	50	50	35	49	57	35	46	30	46	-1.33	-4.2	34	17.5	9.3	110	30.0	128	39	-57	0.6	18.9	-24.5	-4.8	36.8	17	36	2.50	0.54	0.67
															42	73	57	50	58	50	53	54	47	15	20	54	52	36	20	48	51	48	28	31	29

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Animal				Selection Value											Birth			Wean				Growth & Adaptation					Fertility				Frame		Carcass				
ID	Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Sire ID	Dam ID	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -brth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean wt	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thickn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
ZEF 250005	99106783	1	MCU 180167	BTM 190021			111	96	109	101	126	120	102	102	117	109	99	113	101	96	96	109	106	100	102	105	108	123	103	124	122	104	109	111	111	119	97
							67	57	47	49	32	47	56	31	44	24	22	-0.37	-1.8	16	12.8	6.6	89	25.2	87	49	-50	1.6	14.4	-23.0	-4.5	34.2	4	23	1.77	3.06	-0.34
																	40	73	55	49	57	47	51	49	45	11	14	52	50	32	19	45	49	45	23	26	24
ZEF 250009	99106833	1	LAR 190442	ZEF 120111			82	107	103	92	98	95	100	107	96	100	105	81	94	107	107	103	105	112	107	100	97	119	105	96	101	103	106	98	89	95	72
							69	62	53	47	36	51	59	33	47	40	30	2.96	-0.8	32	18.7	4.6	86	35.4	107	36	-32	1.4	15.8	-6.9	-0.8	33.9	2	12	-0.46	-0.71	-2.41
																	44	74	57	47	62	53	54	54	45	16	18	53	51	35	22	51	50	46	37	42	37
ZEF 250010	99110850	1	MCU 180167	ZEF 130154			100	108	95	105	119	117	109	109	116	111	97	97	103	94	108	95	107	108	107	105	114	123	103	123	114	102	116	115	92	118	107
							68	59	53	50	35	50	58	34	47	25	20	1.28	-2.0	13	19.1	2.3	90	32.3	107	49	-60	1.6	14.5	-22.2	-3.0	33.0	10	27	-0.09	2.88	0.49
																	42	73	57	50	59	53	54	54	47	14	18	55	53	36	21	48	52	48	24	26	24
ZEF 250013	99110868			ZEF 200144			99	108	106	93	118	117	109	93	113	97	108	98	104	105	108	106	109	105	100	94	94	100	100	112	127	85	101	99	102	94	86
							57	35	30	25	21	32	36	20	30	22	35	1.14	-2.1	30	19.0	5.7	96	29.6	78	22	-26	0.3	12.7	-16.2	-5.5	22.5	-2	13	0.91	-0.90	-1.25
																	25	63	40	25	35	30	30	31	21	7	18	25	24	25	12	27	24	22	21	23	21
ZEF 250017	99110876			ZEF 220277			112	89	91	99	107	92	83	74	86	80	98	111	109	99	89	91	82	87	79	97	77	98	97	107	120	80	84	78	73	96	107
							55	57	32	34	21	40	49	20	36	23	20	-0.15	-2.9	21	8.8	1.0	30	12.9	0	29	0	0.2	11.2	-13.2	-4.1	19.5	-16	-6	-1.99	-0.65	0.56
																	32	62	42	34	57	32	41	28	23	10	14	27	26	21	12	30	26	24	22	24	22
ZEF 250018	99110884	3	ZEF 220070	ZEF 220173			115	101	88	96	115	109	98	86	103	104	104	112	126	103	101	88	89	99	91	91	86	113	108	103	116	110	93	92	104	124	103
							63	65	44	44	30	48	58	31	45	37	29	-0.25	-5.1	27	15.5	0.0	47	24.5	45	15	-14	1.0	17.8	-11.0	-3.4	37.8	-9	7	1.04	3.87	0.18
																	41	69	51	44	65	44	51	44	39	11	20	47	45	34	17	40	44	40	35	39	35
ZEF 250019	99110892	1	LAR 190442	ZEF 220270			101	86	97	112	104	89	83	90	87	89	90	103	91	87	86	97	91	92	91	102	89	104	82	98	104	110	87	81	82	110	97
							65	68	46	45	33	50	61	32	46	38	10	0.71	-0.4	3	7.5	2.8	51	17.9	46	42	-18	0.5	2.0	-8.0	-1.2	37.6	-13	-4	-1.15	1.68	-0.34
																	37	71	52	45	68	46	53	52	44	16	16	51	50	34	19	45	49	45	36	41	37
ZEF 250020	99110900	2	LAR 190442	ZEF 220164			98	102	85	100	96	89	91	108	92	93	99	101	93	99	102	85	88	104	108	111	110	102	92	97	95	106	92	93	90	85	102
							65	68	45	44	32	50	60	32	46	41	22	0.90	-0.6	21	15.8	-1.0	46	28.1	108	62	-53	0.4	7.8	-7.3	0.3	35.3	-9	7	-0.34	-2.37	0.12
																	38	72	52	44	68	45	52	52	44	16	16	50	49	33	18	45	48	44	39	43	39
ZEF 250021	99110918		VV 150020				105	92	93	102	124	103	87	80	97	89	94	104	104	96	92	93	88	92	88	94	89	95	95	125	132	81	98	94	88	115	96
							61	63	43	39	29	46	56	22	41	20	15	0.58	-2.1	16	10.6	1.6	45	17.6	33	21	-19	0.0	9.8	-23.6	-6.3	19.9	-5	8	-0.52	2.45	-0.43
																	39	66	48	39	63	43	48	38	27	25	16	32	32	30	19	38	30	28	19	22	20
ZEF 250027	99110942			ZEF 200180			98	93	106	110	116	104	94	85	99	91	93	98	92	89	93	106	105	96	91	101	95	92	107	121	122	82	99	97	85	99	94
							57	58	34	36	24	41	51	22	37	23	14	1.17	-0.5	6	10.8	5.7	85	20.9	46	39	-29	-0.1	17.0	-20.9	-4.5	20.5	-4	11	-0.80	-0.13	-0.58
																	35	64	43	36	58	34	43	30	23	10	20	27	26	25	14	32	26	24	22	24	22
ZEF 250029	99110967	1	LAR 190442	ZEF 220124			112	103	97	95	106	108	103	107	108	100	105	111	110	104	103	97	98	105	108	99	102	117	101	103	102	112	99	102	106	100	80
							65	67	43	43	30	49	59	30	45	39	30	-0.19	-3.0	28	16.5	2.7	68	29.1	111	34	-39	1.3	13.3	-11.1	-1.0	39.3	-4	15	1.30	0.00	-1.75
																	38	72	51	43	67	43	51	49	41	15	16	49	47	32	16	42	46	41	37	41	36
ZEF 250030	99110975			CRV 110150			102	97	92	105	108	99	94	78	93	85	91	99	103	93	97	92	94	91	80	88	75	85	85	107	122	78	102	88	93	101	103
							62	40	42	39	26	38	44	24	35	23	11	1.07	-2.0	12	13.4	1.3	59	17.3	4	6	5	-0.5	3.9	-13.1	-4.5	18.5	-2	3	-0.01	0.28	0.15
																	35	67	49	39	40	42	40	32	24	17	21	30	28	26	16	35	28	25	22	24	22

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ID	Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -brth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean wt	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thicken	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
ZEF 250033	99110991		ZEF 200102		82	95	114	96	112	96	90			96	105	86	85	102	95	114	106	96	100	101	103	100	95	115	120	80	109	106	88	90	103
					58	36	31	34	22	33	38			14	30	2.48	0.5	26	12.2	8.1	88	21.6	78	38	-42	0.3	9.6	-17.7	-4.2	19.4	4	19	-0.52	-1.57	0.16
															33	64	44	34	36	31	34	30	20	11	10	23	22	24	13	29	21	20	13	14	13
ZEF 250034	99111007	3	LAR 190442 ZEF 220136		91	111	92	94	88	93	104	110	96	107	104	87	104	105	111	92	100	115	109	109	98	120	110	80	92	110	100	102	97	102	113
					64	57	39	35	30	44	52	30	41	38	29	2.28	-2.1	30	20.6	1.3	74	38.4	112	57	-33	1.5	18.5	2.2	0.8	37.7	-3	15	0.42	0.42	1.03
															38	71	48	35	57	39	44	50	41	17	15	49	47	31	17	43	46	42	36	41	37
ZEF 250038	99111031	1	LAR 190442 ZEF 220157		117	91	94	106	90	91	91	99	91	94	93	116	107	92	91	94	89	95	100	98	96	112	98	89	94	104	89	91	99	95	93
					65	68	45	44	32	50	60	32	46	40	15	-0.74	-2.6	11	9.9	1.8	48	20.1	80	31	-30	1.0	11.8	-2.9	0.5	34.0	-12	5	0.55	-0.68	-0.65
															39	72	52	44	68	45	52	51	43	15	17	50	49	33	18	45	48	44	38	42	38
ZEF 250042	99111668		EB 140151		106	90	109	96	119	103	88			96	104	110	96	103	90	109	96	92	99	103	98	96	91	113	129	83	108	102	93	103	108
					61	62	42	38	25	45	55			14	28	-0.08	-1.1	26	9.3	6.4	64	18.0	77	42	-33	0.1	7.2	-16.6	-5.8	21.5	3	16	-0.06	0.60	0.57
															38	67	48	38	62	42	47	36	20	10	9	22	22	25	14	36	21	20	13	14	13
ZEF 250050	99111726		ZEF 200275		88	110	113	90	98	106	110	95	104	106	111	90	94	109	110	113	115	108	98	112	96	85	113	105	108	78	110	110	103	110	89
					57	36	31	35	23	34	38	22	32	24	38	2.03	-0.7	35	20.2	7.9	110	32.5	71	64	-30	-0.5	20.3	-11.9	-2.0	18.1	5	22	0.99	1.56	-0.96
															34	64	43	35	36	31	34	32	25	11	18	27	26	26	14	30	26	25	23	24	23
ZEF 250052	99112799		WVW 120088		99	107	107	83	113	111	105	93	107	106	118	101	103	118	107	107	103	104	98	93	88	95	100	112	128	74	125	111	91	95	96
					62	63	44	39	29	46	56	22	41	20	48	0.86	-1.9	49	18.7	5.9	80	28.1	73	20	-17	0.0	12.8	-16.2	-5.6	15.8	17	24	-0.23	-0.70	-0.44
															40	67	49	39	63	44	49	38	27	9	15	31	30	30	18	39	29	19	22	19	
ZEF 250053	99112807		BTM 190002		85	99	108	98	104	96	96			99	100	85	93	100	99	108	106	98	88	107	85	93	98	101	116	84	107	99	90	104	113
					59	62	37	36	21	43	54			17	23	2.55	-0.6	22	14.6	6.2	88	22.9	35	54	-13	0.0	11.4	-9.8	-3.5	21.7	2	13	-0.31	0.72	1.00
															37	66	45	36	62	37	45	30	21	7	10	25	24	19	13	32	23	21	16	18	16
ZEF 250056	99114191		ZEF 200104		115	84	89	99	110	88	77	99	89	99	102	159	144	100	84	89	75	87	101	98	97	90	97	104	126	83	100	99	99	93	103
					58	59	38	38	26	43	52	24	39	25	26	-5.19	-7.6	22	6.4	0.2	14	13.1	81	31	-32	-0.2	11.1	-11.2	-5.2	21.4	-3	13	0.59	-1.03	0.19
															37	64	46	38	59	38	45	33	27	14	21	29	29	28	16	35	28	27	24	26	24
ZEF 250059	99112823	6	ZEF 220070 ZEF 220221		122	95	99	103	105	108	100	98	106	104	98	121	114	95	95	99	97	97	104	85	95	107	123	90	108	114	91	93	111	100	104
					64	65	42	43	29	48	58	30	44	38	21	-1.17	-3.4	15	12.0	3.6	66	21.9	95	-1	-29	0.7	26.6	-3.6	-2.1	40.3	-10	7	1.80	0.00	0.31
															42	70	51	43	65	42	50	43	38	11	18	46	44	33	16	39	43	39	35	40	36
ZEF 250061	99112849		ZEF 190117		96	103	93	91	126	108	94	98	106	101	109	99	96	109	103	93	93	105	101	102	90	106	108	125	133	84	97	97	88	90	115
					59	60	40	38	26	44	53	24	40	24	36	1.12	-1.1	35	16.7	1.6	57	29.1	84	39	-20	0.6	17.8	-23.3	-6.5	21.9	-5	11	-0.50	-1.50	1.17
															38	65	46	38	60	40	46	36	25	12	22	27	27	28	16	34	27	25	24	25	24
ZEF 250064	99112872	1	BBM 210266 ZEF 210128		103	103	116	94	88	103	109	108	104	108	105	104	101	104	103	116	114	101	112	91	116	120	114	89	96	93	96	105	102	92	116
					65	67	45	45	32	50	60	29	46	28	30	0.55	-1.8	27	16.4	8.5	106	26.1	124	15	-62	1.4	21.4	-2.8	0.2	27.2	-6	18	0.84	-1.24	1.29
															42	71	52	45	67	45	52	48	40	17	15	47	45	34	19	44	44	41	27	29	27
ZEF 250065	99112880	3	ZEF 220259 ZEF 220267		95	112	94	93	104	106	107	102	105	101	110	95	100	107	112	94	103	111	104	89	108	105	125	99	103	108	95	103	99	88	104
					63	64	43	44	30	47	57	30	44	38	37	1.53	-1.6	32	21.5	1.8	80	34.5	94	8	-49	0.6	27.9	-8.4	-1.2	36.3	-7	16	0.55	-1.84	0.28
															43	69	51	44	64	43	50	43	38	14	19	46	44	33	16	40	43	39	36	40	36

Breeding Values and Accuracies: Bulls

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Animal					Selection Value										Birth			Wean				Growth & Adaptation					Fertility				Frame		Carcass		
ID	Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -brth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean wt	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thickn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
				Sire ID Dam ID																															
ZEF 250066	99112898		EB	170067	113 61	93 38	107 38	104 38	114 25	110 37	97 41			95 18	98 21 38	117 -0.77 67	96 -1.0 47	94 13 38	93 11.1 38	107 5.9 38	103 80 38	94 19.9 36	96 66 24	95 24 13	91 -21 11	102 0.4 28	89 6.4 27	115 -17.8 26	123 -4.6 16	81 20.4 32	98 -5 27	99 13 24	89 -0.39 17	110 1.58 20	103 0.20 18
ZEF 250068	99112914		VV	150049	115 61	87 62	104 42	111 37	100 26	98 45	92 55	71 24	90 41	85 24	92 12 37	111 -0.16 67	113 -3.3 47	88 4 37	87 7.7 62	104 4.9 42	97 66 47	85 11.3 36	76 -9 28	76 -22 10	65 20 20	97 0.2 32	99 12.5 31	106 -12.8 26	107 -1.8 17	82 21.0 36	80 -19 30	79 -5 28	90 -0.32 22	108 1.37 25	103 0.19 22
ZEF 250069	99112922		ZEF	190008	90 59	100 60	108 39	91 37	105 26	97 43	95 53	102 24	97 39	105 27	109 35 37	94 1.64 65	93 -0.6 46	108 34 37	100 14.8 60	108 6.3 39	102 79 45	100 25.1 36	106 102 27	93 20 13	97 -32 20	98 0.2 31	103 14.3 30	95 -6.4 27	122 -4.5 16	85 22.4 34	104 0 30	100 14 28	104 1.10 26	97 -0.45 28	122 1.83 26
ZEF 250070	99112930	1	BBM ZEF	210266 210131	102 66	101 68	104 47	97 44	103 32	104 50	100 61	110 29	105 46	109 30	101 24 41	106 0.31 72	92 -0.5 53	101 23 44	101 15.5 68	104 5.0 47	104 83 53	105 29.0 48	111 121 41	110 60 17	112 -56 15	102 0.4 48	108 17.5 46	111 -15.2 34	100 -0.5 18	99 31.0 43	94 -8 45	101 15 41	77 -1.59 29	103 0.56 31	129 2.38 29
ZEF 250071	99112948		ZEF	170005	116 59	93 60	109 41	106 38	111 27	112 44	100 54	95 26	108 40	104 28	96 18 38	117 -0.83 65	103 -2.0 47	92 10 38	93 11.1 60	109 6.4 41	105 86 46	97 22.3 36	98 71 29	101 38 18	98 -34 22	70 -1.3 33	105 15.8 32	114 -17.3 28	113 -2.9 18	87 23.5 36	102 -1 31	103 16 29	96 0.32 27	107 1.20 29	108 0.60 27
ZEF 250072	99112955		CRV	140265	105 61	78 63	101 42	124 37	96 27	83 45	78 56	85 23	81 41	81 25	84 2 35	109 0.01 67	80 1.1 48	80 -8 37	78 2.8 63	101 4.0 42	89 47 47	82 8.5 36	90 43 26	101 38 18	84 -11 19	108 0.8 30	87 5.2 29	96 -6.6 26	118 -3.7 19	73 15.1 36	98 -5 28	86 2 26	84 -0.92 24	98 -0.20 26	99 -0.12 24
ZEF 250077	99112989		ZEF	190135	109 58	98 37	125 34	100 35	103 24	116 35	112 39	80 22	109 32	97 24	100 23 34	106 0.31 64	108 -2.7 44	97 17 35	98 13.9 37	125 11.4 34	122 126 35	98 22.9 36	84 20 25	92 16 10	76 3 19	101 0.4 27	97 10.9 27	114 -17.4 26	109 -2.2 16	78 18.1 30	100 -3 26	100 13 25	93 0.02 23	112 1.93 24	88 -1.07 23
ZEF 250088	99113037	1	LAR ZEF	200104 130082	123 69	95 71	101 57	108 53	112 36	115 55	103 66	108 39	114 52	101 46	98 20 47	119 -0.96 74	118 -4.0 60	91 8 53	95 12.1 71	101 4.2 57	101 77 60	99 23.7 58	111 122 49	107 54 25	116 -62 27	108 0.8 54	113 20.6 53	126 -24.1 39	93 0.8 20	111 38.6 49	96 -7 52	100 14 50	102 0.85 44	98 -0.33 47	80 -1.75 44
ZEF 250089	99113045	6	ZEF ZEF	220070 220256	114 64	100 65	100 42	101 43	92 29	102 48	103 58	95 30	100 44	110 38	102 26 42	112 -0.32 70	109 -2.8 51	98 18 43	100 14.9 65	100 3.7 42	101 76 50	99 23.9 43	102 86 38	84 -4 11	99 -35 19	107 0.7 46	130 30.8 44	80 2.1 33	98 -0.1 16	111 38.6 39	90 -11 43	99 12 38	109 1.57 35	109 1.44 40	119 1.50 35
ZEF 250090	99113052	1	BBM ZEF	210266 210166	91 65	105 67	106 44	93 44	95 31	98 49	102 59	107 28	99 45	109 28	107 33 41	93 1.75 71	95 -0.9 52	106 31 44	105 17.5 67	106 5.7 44	106 89 52	108 32.1 48	113 129 38	115 72 16	111 -55 13	114 1.1 46	101 13.4 44	100 -9.2 32	98 -0.1 18	98 30.7 42	92 -9 43	103 16 39	96 0.26 26	118 2.86 29	106 0.42 26
ZEF 250092	99113078	2	LAR ZEF	200104 190055	86 67	126 60	99 48	87 50	106 35	119 49	124 58	125 40	122 47	118 46	122 54 44	83 2.70 72	104 -2.2 56	113 42 50	126 29.0 60	99 3.6 48	116 111 53	126 47.9 57	127 179 50	110 61 25	121 -72 27	110 0.9 54	106 16.4 54	112 -16.1 38	96 0.1 20	108 36.5 46	95 -7 53	114 26 51	115 2.23 44	97 -0.44 47	89 -1.03 44
ZEF 250093	99944753	2	LAR ZEF	200104 190027	81 68	131 61	99 50	86 50	95 35	115 50	128 59	133 40	120 48	123 46	123 54 45	80 3.01 73	98 -1.3 57	116 45 50	131 31.7 61	99 3.4 50	118 118 54	128 50.2 58	136 216 50	105 49 25	132 -89 27	103 0.5 54	116 22.3 53	103 -10.8 37	88 1.7 20	106 35.6 47	110 5 53	126 37 50	122 2.89 44	90 -1.51 47	99 -0.19 44

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Animal				Selection Value										Birth			Wean				Growth & Adaptation					Fertility				Frame		Carcass		
ID Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -brth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean wt	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thickn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
			Sire ID Dam ID																															
ZEF 250096 99114183	2	LAR 200104 ZEF 190055		100 67	120 60	98 48	87 50	106 35	119 49	119 58	125 40	121 47	118 46	122 54	98 1.22	111 -3.0	113 42	120 25.5	98 3.1	109 95	120 43.3	127 179	110 61	121 -72	110 0.9	106 16.4	112 -16.1	96 0.1	108 36.6	95 -7	114 26	115 2.23	97 -0.44	89 -1.03
ZEF 250098 99113763	4	ZEF 220070 ZEF 220168		118 62	96 64	91 40	100 42	106 27	103 46	96 56	86 30	99 43	96 36	101 25	113 -0.37	120 -4.3	99 42	96 12.9	91 0.9	89 47	96 21.5	94 58	86 1	91 -21	113 1.0	110 18.7	92 -4.8	110 -2.3	112 38.9	88 -13	88 3	112 1.86	110 1.59	116 1.25
ZEF 250099 99113771	1	LAR 200104 ZEF 170086		108 69	108 62	92 53	101 51	99 36	107 51	109 60	112 41	108 49	105 48	106 32	103 0.63	116 -3.7	98 18	108 19.2	92 1.2	102 78	110 33.6	115 134	104 46	113 -57	114 1.1	111 19.2	109 -14.2	88 1.7	110 37.7	101 -2	105 18	104 1.04	91 -1.34	98 -0.26
ZEF 250101 99113797	1	BBM 210266 ZEF 190183		88 66	100 68	99 49	105 46	103 32	95 51	94 61	107 30	96 47	103 28	92 12	91 1.87	81 1.0	93 46	100 14.9	99 3.4	103 80	103 27.4	108 111	102 41	109 -52	102 0.5	100 12.8	107 -13.2	103 -1.0	99 31.2	86 -14	93 7	87 -0.63	104 0.67	113 1.01
ZEF 250104 99113805	2	LAR 200104 VV 160516		92 70	118 71	102 54	98 50	106 34	118 54	120 65	121 40	120 51	114 46	106 31	92 1.80	94 -0.8	101 23	118 24.8	102 4.3	118 118	116 39.0	124 170	92 17	124 -75	118 1.3	126 28.3	132 -27.1	85 2.2	104 34.4	97 -5	110 23	111 1.83	99 -0.19	67 -2.89
ZEF 250108 99113821	1	LAR 190319 ZEF 200083		93 68	133 70	98 52	80 50	104 36	126 53	135 64	121 38	127 50	130 46	132 67	90 2.05	121 -4.5	124 57	133 32.9	98 3.0	115 108	134 55.6	120 153	112 66	112 -56	119 1.4	104 14.9	93 -5.3	100 -0.6	118 42.7	108 3	129 39	123 2.96	101 0.13	88 -1.10
ZEF 250110 99113847		BBM 210266 ZEF 210164		79 66	108 68	112 47	92 44	100 31	100 50	104 61	118 30	104 46	114 26	105 30	83 2.74	85 0.4	107 44	108 68	112 47	114 53	111 35.0	119 149	104 46	126 -80	110 0.9	118 23.5	101 -9.5	102 -0.9	100 31.5	105 1	111 23	110 1.70	97 -0.49	90 -0.91
ZEF 250114 99113888		VV 090219		97 63	87 63	85 45	107 39	122 29	90 47	74 57	71 26	83 43	75 24	87 6	100 0.93	87 0.1	92 10	87 8.0	85 -0.9	78 21	86 12.5	76 -10	96 27	90 -20	90 -0.2	103 14.9	120 -20.7	132 -6.4	80 19.6	102 -2	88 3	62 -3.11	87 -1.95	108 0.59
ZEF 250117 99113904		EB 170054		98 61	107 62	106 40	88 37	124 26	117 45	105 55	98 20	114 40	105 22	113 41	100 1.00	100 -1.6	112 40	107 18.7	106 5.6	105 85	105 29.5	102 87	103 44	95 -28	108 0.7	94 9.1	115 -17.9	134 -6.7	85 22.3	107 2	111 23	113 1.96	102 0.42	116 1.26
ZEF 250118 99113912	1	LAR 190319 ZEF 200087		117 68	102 70	105 52	101 50	100 37	113 53	110 64	106 39	112 50	111 48	102 26	112 -0.24	121 -4.4	97 18	102 16.1	105 5.2	108 92	110 33.6	104 95	115 71	101 -39	123 1.6	99 12.0	99 -8.3	97 0.0	109 37.5	94 -8	110 22	113 1.95	99 -0.08	88 -1.05
ZEF 250119 99113920	1	BBM 210266 ZEF 210241		109 66	91 67	108 46	101 45	86 32	91 50	94 60	97 28	91 46	97 22	97 19	110 -0.03	103 -2.0	97 17	91 10.3	108 6.2	100 74	94 19.6	96 66	107 54	99 -34	127 1.8	82 1.9	93 -5.3	89 1.4	95 28.5	81 -18	88 3	88 -0.49	101 0.17	110 0.82
ZEF 250123 99113961		WAT 130055		115 62	78 41	86 43	116 39	123 30	92 39	72 44	77 22	87 36	76 22	89 8	113 -0.40	106 -2.4	85 39	78 2.7	86 -0.6	72 6	78 5.0	83 16	95 25	83 -10	89 -0.3	92 8.0	117 -18.9	135 -6.8	80 19.5	88 -13	81 -3	89 -0.37	89 -1.72	95 -0.48

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Animal				Selection Value										Birth			Wean				Growth & Adaptation					Fertility				Frame		Carcass		
ID Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -brth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean wt	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thicken	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
			Sire ID Dam ID																															
ZEF 250127 99114001	1	BBM 210266 ZEF 180175		78 68	106 58	105 49	108 47	101 34	101 48	105 56	102 34	100 45	91 31	90 10 44	72 3.89 73	75 1.7 56	90 7 47	106 18.3 58	105 5.4 49	117 115 51	109 33.0 50	105 100 41	99 35 19	115 -61 23	103 0.5 48	112 20.2 46	107 -13.0 35	103 -1.0 22	97 30.2 45	82 -17 45	84 0 42	93 -0.01 30	89 -1.67 32	117 1.39 30
ZEF 250131 99114043	3	ZEF 220259 ZEF 220081		107 63	113 52	80 40	100 38	109 29	111 42	108 50	103 30	109 40	105 36	99 22 37	105 0.50 69	108 -2.7 49	100 22 38	113 21.8 52	80 -2.4 40	95 61 43	108 32.3 44	105 100 37	87 5 13	108 -50 18	99 0.3 46	128 29.3 44	104 -11.6 33	109 -2.2 16	103 33.7 38	88 -13 42	101 15 38	107 1.34 34	95 -0.80 39	118 1.42 35
ZEF 250135 99114068	1	BBM 210266 ZEF 210097		95 65	86 56	107 42	108 36	88 30	80 44	83 52	86 26	79 40	89 23	84 2 33	97 1.31 71	88 0.1 49	90 7 36	86 7.1 56	107 5.8 42	97 67 45	89 15.0 48	86 25 36	96 26 17	84 -11 13	105 0.6 43	96 10.2 41	97 -7.6 32	91 1.0 18	93 27.3 41	77 -22 40	77 -7 37	86 -0.68 22	101 0.17 24	106 0.42 22
ZEF 250136 99114076		ZEF 200127		84 58	111 59	99 37	100 36	112 24	108 42	107 52	92 20	104 38	102 23	99 23 35	85 2.56 64	87 0.2 44	98 19 36	111 20.8 59	99 3.3 37	110 99 44	107 31.2 30	93 53 23	92 16 10	91 -21 16	84 -0.6 26	88 5.6 25	112 -16.2 25	118 -3.8 14	87 23.7 32	105 1 25	105 18 23	97 0.37 22	97 -0.38 24	108 0.65 22
ZEF 250137 99114084		ZEF 200095		105 58	88 59	107 38	107 37	117 26	103 43	90 52	90 24	100 39	92 26	93 15 36	107 0.27 64	96 -1.0 45	91 9 37	88 8.4 59	107 6.0 38	100 72 45	90 15.7 33	95 61 26	91 14 13	93 -25 22	110 0.9 29	98 11.5 28	111 -15.6 27	130 -6.0 16	82 20.5 34	95 -7 28	90 4 26	83 -1.05 25	94 -0.89 27	111 0.85 25
ZEF 250138 99114092	1	BBM 210266 ZEF 200138		100 67	98 69	111 50	101 47	111 35	109 52	101 62	105 34	108 48	104 32	97 19 44	102 0.75 72	95 -1.0 55	97 18 47	98 13.8 69	111 7.2 50	109 96 55	103 27.6 47	108 111 42	106 51 19	104 -43 22	100 0.3 49	100 12.8 48	108 -13.7 36	113 -3.0 22	100 31.7 46	92 -10 46	93 8 43	94 0.09 31	99 -0.13 33	118 1.45 31
ZEF 250139 99114100		ZEF 130037		99 61	101 61	122 43	88 38	94 24	104 44	106 55	92 22	101 40	106 25	115 43 38	102 0.76 66	99 -1.4 48	111 39 38	101 15.7 61	122 10.6 43	113 106 47	101 25.4 36	102 87 24	110 59 7	110 -53 18	107 0.7 31	105 15.7 29	90 -3.5 23	110 -2.4 14	82 20.9 36	120 13 28	118 30 25	88 -0.56 23	97 -0.40 27	98 -0.26 23
ZEF 250140 99114118		CRV 110026		81 62	103 63	117 43	91 38	100 27	98 46	100 56	97 22	97 41	104 24	110 37 36	84 2.69 67	90 -0.2 49	108 33 38	103 16.4 63	117 9.1 43	113 104 48	99 24.2 38	100 79 28	99 34 13	97 -31 14	92 -0.1 34	104 15.1 32	91 -4.2 27	119 -4.1 17	82 21.1 37	112 6 31	109 21 28	96 0.27 23	102 0.40 26	110 0.78 23
ZEF 250141 99114126	1	BBM 210266 ZEF 200270		107 66	101 68	132 49	98 46	96 33	117 51	117 61	115 32	118 47	118 30	99 22 44	110 -0.05 72	96 -1.1 54	99 20 46	101 15.7 68	132 13.4 49	129 144 54	107 31.3 46	114 134 41	111 62 18	115 -62 20	108 0.8 48	118 23.4 46	97 -7.6 34	99 -0.3 20	99 31.1 45	103 0 45	111 23 41	114 2.12 29	116 2.66 31	108 0.60 29
ZEF 250142 99114134		BBM 210266 ZEF 210122		116 66	76 68	114 47	116 45	105 31	96 50	84 61	99 29	96 46	94 27	82 -1 43	118 -0.92 72	96 -1.0 53	85 0 45	76 2.2 68	114 8.0 47	98 68 53	86 11.9 48	98 72 39	99 34 19	106 -46 16	108 0.8 47	94 9.1 45	106 -12.6 32	104 -1.4 17	103 33.7 43	83 -16 44	84 -1 40	89 -0.43 25	108 1.32 29	114 1.13 25
ZEF 250143 99114142	1	BBM 210266 VV 150056		83 69	104 71	99 53	106 48	117 36	105 54	99 64	101 36	103 50	102 32	89 9 46	86 2.41 74	79 1.3 57	92 10 48	104 16.9 71	99 3.3 53	107 90 57	105 29.3 50	102 87 42	96 27 20	97 -33 27	105 0.6 49	101 13.4 47	121 -21.0 36	114 -3.1 24	100 31.9 48	79 -19 46	87 2 43	87 -0.65 31	120 3.19 33	99 -0.18 31
ZEF 250149 6020545973		ZEF 230026		95 55	93 35	102 28	107 27	97 20	90 31	90 36			82 21	94 15 27	96 1.41 62	90 -0.3 39	91 9 27	93 10.9 35	102 4.3 28	99 72 30	91 16.8 30	86 25 23	87 5 8	82 -7 12	95 0.0 26	96 10.6 26	99 -8.4 21	111 -2.5 12	82 20.5 27	92 -9 25	88 3 24	84 -0.89 20	85 -2.33 22	103 0.21 21

Breeding Values and Accuracies: Bulls

Inbreeding in red is high

Value <80

Value >120

Breeding values with an accuracy < 5% are not printed

Animal				Selection Value										Birth			Wean				Growth & Adaptation					Fertility				Frame		Carcass					
ID	Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Sire ID	Dam ID	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -brth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean wt	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thickn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
ZEF 250150	6020545981		ZEF 230093				105	94	87	110	114	98	89			83	91	101	105	90	94	87	88	94	87	95	92	105	111	107	129	82	94	91	87	100	109
							55	35	26	24	20	30	35			20	11	0.84	-2.3	7	11.4	-0.1	44	19.4	32	23	-24	0.6	19.5	-13.1	-5.8	20.5	-8	6	-0.60	0.12	0.71
																	23	62	38	24	35	26	28	30	22	8	10	26	25	24	11	25	25	22	19	21	19
ZEF 250153	6020546013		ZEF 230122				114	93	94	95	113	100	89			92	104	113	112	104	93	94	86	94	101	104	103	102	103	103	131	80	103	105	98	94	122
							55	35	25	23	19	30	35			17	29	-0.36	-3.2	27	10.9	2.0	41	19.7	83	46	-41	0.5	14.5	-10.7	-6.0	19.7	-1	18	0.48	-0.83	1.77
																	22	62	37	23	35	25	28	30	20	5	7	25	24	23	10	24	23	21	16	18	16
ZEF 250154	6020546021		ZEF 210160				101	101	101	94	102	100	98	89	97	96	105	102	102	106	101	101	99	98	95	91	95	90	105	103	117	78	99	100	82	87	111
							56	35	30	34	21	32	37	20	30	26	31	0.78	-1.8	30	15.5	4.0	71	22.8	59	13	-28	-0.2	15.9	-10.7	-3.6	18.3	-4	13	-1.15	-2.04	0.84
																	32	63	42	34	35	30	33	35	25	9	13	28	27	25	12	27	27	25	25	26	25
ZEF 250157	6020546054		ZEF 160097				118	83	85	106	113	90	76			79	90	117	110	93	83	85	73	83	88	94	91	99	84	118	122	77	91	88	75	96	96
							58	37	39	36	21	35	40			14	9	-0.76	-2.9	12	5.6	-0.9	9	9.9	35	22	-22	0.2	3.1	-19.1	-4.5	18.0	-10	3	-1.81	-0.52	-0.39
																	36	64	46	36	37	39	37	34	19	6	10	23	22	21	13	30	21	19	14	15	13
ZEF 250158	6020546062		ZEF 220226				101	90	97	102	96	85	84			83	96	99	105	96	90	97	89	86	81	90	81	95	101	95	114	78	95	87	83	86	105
							57	36	28	27	21	32	37			21	19	1.13	-2.2	16	9.3	2.7	47	12.5	7	11	-6	0.0	13.2	-6.1	-3.1	18.2	-7	2	-1.04	-2.10	0.37
																	27	64	40	27	36	28	30	30	24	6	11	27	27	25	11	27	26	24	20	22	20
ZEF 250159	6020546070		ZEF 130130				101	100	93	97	125	108	95	89	104	91	100	98	107	102	100	93	93	98	93	94	90	103	106	122	133	85	96	96	85	96	91
							61	41	43	40	26	39	44	22	36	21	24	1.15	-2.5	25	14.9	1.6	57	22.7	52	22	-20	0.5	16.2	-21.4	-6.4	22.5	-6	10	-0.79	-0.53	-0.86
																	40	66	49	40	41	43	41	39	24	7	19	29	28	28	16	35	27	25	20	22	20
ZEF 250163	6020546104		ZEF 220057				76	114	104	92	105	104	107	91	100	93	106	54	72	107	114	104	112	109	99	92	92	103	88	102	119	80	96	101	90	92	100
							56	35	27	25	21	31	35	20	29	24	31	5.78	2.2	32	22.3	5.1	103	32.7	77	15	-23	0.5	5.6	-10.2	-4.0	19.3	-6	15	-0.30	-1.22	-0.05
																	24	63	39	25	35	27	29	30	23	10	15	28	27	23	13	27	26	24	23	25	23
ZEF 250164	6020546112		ZEF 180122				116	91	102	102	93	96	94			91	98	113	113	96	91	102	96	93	94	93	89	109	105	94	106	82	106	96	84	102	99
							59	38	37	36	23	35	41			24	21	-0.33	-3.4	16	10.2	4.5	63	18.2	59	18	-19	0.8	15.6	-5.8	-1.7	20.5	2	10	-0.94	0.36	-0.15
																	36	65	46	36	38	37	37	36	24	6	11	29	28	24	14	30	27	24	23	26	23
ZEF 250168	6020546153		ZEF 230144				118	87	104	98	110	100	88			91	101	118	111	100	87	104	91	87	91	100	88	96	96	107	125	78	99	94	82	103	110
							57	36	29	26	20	32	37			22	25	-0.86	-3.0	23	7.9	4.9	51	12.8	47	36	-18	0.1	10.6	-13.0	-5.1	18.2	-4	8	-1.07	0.60	0.78
																	25	64	40	26	36	29	30	28	23	8	12	28	27	25	10	26	26	24	21	23	21
ZEF 250171	6020546187		ZEF 230130				97	96	90	102	111	94	88			93	95	98	96	97	96	90	90	97	92	97	92	94	91	102	128	81	98	101	87	101	116
							35	35	26	24	19	27	32			20	17	1.21	-1.0	17	12.8	0.7	48	21.9	49	28	-24	0.0	7.7	-10.0	-5.6	20.3	-5	15	-0.63	0.27	1.27
																	22	37	29	24	35	26	28	30	22	6	13	25	25	24	10	24	24	22	19	20	19
ZEF 250172	6020548076		ZEF 230130				97	96	90	102	111	94	88			93	95	98	96	97	96	90	90	97	92	97	92	94	91	102	128	81	98	101	87	101	116
							35	35	26	24	19	27	32			20	17	1.21	-1.0	17	12.8	0.7	48	21.9	49	28	-24	0.0	7.7	-10.0	-5.6	20.3	-5	15	-0.63	0.27	1.27
																	22	37	29	24	35	26	28	30	22	6	13	25	25	24	10	24	24	22	19	20	19
ZEF 250174	6020546203		ZEF 230072				100	103	98	93	97	97	99			92	108	97	107	107	103	98	97	99	92	89	90	105	96	94	116	76	104	98	100	93	77
							55	33	23	23	19	29	33			20	35	1.26	-2.5	32	16.6	3.0	67	24.4	50	10	-21	0.6	10.4	-5.7	-3.5	17.1	0	12	0.68	-1.10	-1.98
																	23	63	37	23	33	23	26	29	19	7	13	23	22	23	10	23	22	20	18	21	19

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Animal				Selection Value										Birth			Wean				Growth & Adaptation					Fertility				Frame		Carcass		
ID Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -brth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean wt	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thickn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
			Sire ID Dam ID																															
ZEF 250175 6020546211		ZEF 160166		131 59	78 39	100 40	112 37	98 24	94 37	84 42	85 22	90 34	89 25	90 10 38	128 -1.99 65	118 -4.0 47	87 3 37	78 3.0 39	100 3.8 40	85 38 39	79 5.6 36	87 30 26	89 8 7	90 -20 17	107 0.7 31	101 13.5 30	97 -7.6 26	111 -2.5 15	85 22.6 32	93 -9 29	93 7 26	79 -1.40 24	106 1.02 26	100 -0.05 24
ZEF 250176 6020546229		ZEF 120099		98 61	92 40	108 43	102 38	106 24	96 38	91 43	82 23	92 35	82 24	95 17 39	100 0.99 66	92 -0.5 48	95 15 38	92 10.4 6.3	108 6.3 43	102 77 40	94 19.3 34	84 19 25	94 20 7	82 -7 18	101 0.4 32	90 7.1 30	109 -14.0 25	118 -3.8 14	76 17.0 34	99 -4 29	92 7 26	74 -1.97 24	84 -2.55 25	79 -1.86 22
ZEF 250177 6020546237		ZEF 220248		90 57	97 36	93 31	117 27	112 22	98 32	93 37			80 22	88 7 27	91 1.94 64	83 0.8 41	85 0 27	97 13.3 36	93 1.7 31	100 72 31	93 18.9 30	86 28 24	86 2 9	89 -19 12	97 0.1 26	94 9.2 26	113 -16.5 26	121 -4.4 13	83 21.5 27	96 -6 25	88 3 24	80 -1.27 21	88 -1.89 22	105 0.39 21
ZEF 250178 6020546245		ZEF 230020		100 57	91 36	90 30	105 29	122 22	96 33	82 37	75 22	90 31	81 20	91 12 23	100 0.94 64	96 -1.0 41	94 12 29	91 9.8 36	90 0.5 30	85 37 32	89 15.4 32	81 7 26	96 27 10	87 -15 16	77 -1.0 29	89 6.4 28	126 -23.8 24	126 -5.1 14	84 22.0 28	86 -15 28	83 -2 27	91 -0.27 20	109 1.39 21	110 0.79 20
ZEF 250186 6020546310		ZEF 220002		109 55	93 31	99 29	98 34	109 18	99 30	91 35			86 22	99 23 33	107 0.23 62	110 -2.9 42	100 23 34	93 11.0 31	99 3.5 29	92 55 31	91 16.4 28	81 9 23	106 51 5	81 -5 12	103 0.5 27	89 6.2 26	108 -13.8 19	120 -4.1 9	79 19.0 25	97 -5 26	94 8 23	83 -0.99 21	88 -1.92 24	106 0.45 22
ZEF 250187 6020546328		ZEF 230097		104 56	101 34	104 24	96 23	105 18	105 30	101 34			91 20	106 32 23	101 0.85 63	108 -2.7 38	103 26 23	101 15.4 34	104 4.9 24	102 79 27	95 20.0 29	91 46 19	88 6 5	90 -20 11	104 0.5 24	87 5.2 23	103 -10.8 22	115 -3.3 10	83 21.2 23	102 -2 22	99 13 20	93 0.01 18	102 0.33 21	81 -1.65 18
ZEF 250188 6020546336		ZEF 150138		110 61	95 40	105 42	101 39	112 28	108 38	98 43	106 30	108 36	106 32	101 24 39	111 -0.19 66	103 -1.9 48	97 18 39	95 12.3 40	105 5.1 42	101 75 40	100 24.7 39	109 112 31	106 50 18	117 -65 28	92 -0.1 36	118 23.4 35	115 -17.8 30	116 -3.5 18	87 23.6 35	101 -2 34	102 15 32	90 -0.31 30	101 0.14 33	114 1.14 30
ZEF 250192 6020546351		ZEF 160119		120 60	90 40	99 41	111 38	103 26	103 38	95 43	81 24	97 35	90 28	91 11 38	119 -1.00 66	107 -2.6 48	88 4 38	90 9.4 40	99 3.3 41	95 62 40	88 14.4 38	87 29 29	94 21 9	80 -4 16	101 0.4 34	94 9.1 33	105 -11.9 28	114 -3.1 17	82 20.7 33	98 -5 32	95 9 30	80 -1.28 27	104 0.73 30	110 0.81 27
ZEF 250194 6020546377		ZEF 130133		83 61	94 40	106 42	108 38	112 26	95 38	90 43	83 22	91 35	79 25	91 11 39	83 2.76 66	84 0.6 48	90 8 38	94 11.6 40	106 5.7 42	105 86 40	93 18.9 38	88 33 28	88 7 9	97 -31 13	104 0.5 33	103 14.5 32	107 -13.1 27	129 -5.8 17	78 18.3 34	104 0 31	92 7 29	81 -1.24 24	81 -2.89 26	58 -3.59 23
ZEF 250195 6020546385		VV 160416		91 61	101 39	107 40	101 37	108 23	103 37	101 42	82 24	98 34	87 24	99 22 37	87 2.32 67	101 -1.7 47	97 17 37	101 15.4 39	107 5.8 40	108 94 39	99 24.2 36	87 31 26	98 31 6	91 -22 20	101 0.4 32	98 11.6 31	111 -15.6 24	116 -3.4 14	85 22.4 31	101 -2 30	97 11 27	82 -1.10 23	92 -1.20 26	114 1.09 23
ZEF 250196 6020546393		ZEF 140171		109 61	84 39	95 41	111 37	115 24	95 37	82 42			77 20	86 5 38	106 0.39 66	106 -2.4 48	88 5 37	84 6.4 39	95 2.3 41	86 41 39	83 9.4 34	74 -19 21	91 15 7	82 -7 11	92 -0.1 24	84 3.2 23	109 -14.0 24	130 -5.9 14	81 20.0 34	93 -9 23	87 2 22	77 -1.66 20	90 -1.59 21	76 -2.11 19
ZEF 250197 6020546401		ZEF 160059		98 60	95 39	103 41	110 38	103 26	99 37	98 42	77 20	93 34	79 22	91 11 38	94 1.63 66	102 -1.9 48	89 5 38	95 12.3 39	103 4.8 41	105 85 39	94 19.3 34	80 6 25	100 36 9	86 -14 14	98 0.2 27	88 5.3 27	111 -15.5 27	116 -3.3 16	73 15.0 34	99 -4 26	90 4 25	86 -0.73 22	94 -0.93 22	85 -1.38 21

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Animal				Selection Value										Birth			Wean				Growth & Adaptation					Fertility				Frame		Carcass				
ID	Animal no	% Inbreeding	Genomic Parentage	Index		Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -brth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean wt	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thickn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
				Sire ID	Dam ID																															
ZEF 250198	6020546419		ZEF 220191			119	89	83	108	116	98	84			87	92	117	109	91	89	83	78	89	88	94	86	93	98	116	125	82	93	93	81	105	116
						57	35	29	24	20	31	36			18	12	-0.84	-2.8	9	8.8	-1.5	20	15.0	34	20	-14	-0.1	11.4	-18.5	-5.0	21.0	-9	7	-1.19	0.82	1.30
																22	64	39	24	35	29	29	30	21	5	10	25	24	24	11	25	23	21	17	19	17
ZEF 250200	6020546435		ZEF 200053			97	104	98	106	123	115	103	87	109	94	93	95	97	93	104	98	106	99	92	88	90	97	95	116	132	86	96	98	97	100	83
						58	36	33	36	22	34	39	21	31	24	13	1.48	-1.2	11	16.8	3.2	88	24.0	48	6	-21	0.1	9.8	-18.5	-6.3	23.4	-6	12	0.36	0.11	-1.51
																36	64	45	36	36	33	35	36	23	8	17	28	27	25	13	28	26	24	22	25	22
ZEF 250204	6020546476		ZEF 180182			101	90	106	99	107	95	87	91	93	94	103	104	92	99	90	106	96	94	96	98	91	87	102	99	126	80	100	95	96	89	100
						59	39	40	38	25	37	42	24	34	26	28	0.51	-0.5	21	9.6	5.7	65	19.3	64	32	-22	-0.4	14.0	-8.4	-5.3	19.6	-3	9	0.31	-1.68	-0.06
																38	65	47	38	39	40	39	37	26	12	21	29	29	27	17	32	28	27	25	27	25
ZEF 250205	6020546484		ZEF 190002			128	86	104	106	114	110	93	81	103	89	98	126	118	92	86	104	94	82	90	86	88	106	97	119	118	84	97	97	83	108	99
						59	38	38	37	24	36	41	20	33	24	21	-1.71	-4.0	10	7.1	5.1	59	9.0	42	2	-17	0.7	10.9	-19.9	-3.8	21.9	-5	11	-1.07	1.24	-0.15
																37	65	46	37	38	38	38	36	25	5	14	31	29	26	15	31	29	26	23	26	23
ZEF 250207	6020546500		VV 160358			92	101	104	107	125	114	102	76	106	87	91	91	92	91	101	104	110	95	82	88	82	106	89	120	137	81	89	90	95	99	100
						61	38	39	38	24	36	42	20	33	22	11	1.92	-0.5	8	15.6	5.0	98	20.5	13	8	-7	0.6	6.3	-20.2	-7.2	20.0	-12	5	0.17	-0.06	-0.10
																38	67	48	38	38	39	38	35	24	9	13	28	27	24	15	33	26	24	21	23	21
ZEF 250209	6020546518		ZEF 160140			104	89	102	124	113	105	95	79	99	80	81	103	94	80	89	102	103	89	83	99	86	106	115	111	123	84	85	80	82	104	99
						61	40	41	38	27	38	43	24	35	27	-2	0.70	-0.8	-7	8.7	4.5	80	15.3	14	33	-14	0.6	21.8	-15.6	-4.7	22.1	-15	-4	-1.12	0.71	-0.17
																38	66	48	38	40	41	40	37	28	15	17	32	31	28	18	34	30	28	26	28	26
ZEF 250216	6020546575		VV 170031			103	91	89	105	117	96	83	83	92	87	93	107	91	93	91	89	85	93	90	98	88	95	87	112	130	83	94	94	85	105	106
						61	39	40	38	26	37	42	26	35	26	13	0.28	-0.4	12	10.2	0.4	38	18.6	43	32	-17	0.0	5.0	-15.8	-5.9	21.1	-8	8	-0.87	0.81	0.43
																38	67	48	38	39	40	39	37	27	8	24	30	29	28	17	33	29	27	25	26	25
ZEF 250218	6020546591		ZEF 160106			108	89	93	121	111	100	90			75	85	108	95	83	89	93	92	86	84	98	85	98	95	115	120	80	91	84	74	86	98
						59	38	40	36	23	36	41			18	4	0.18	-0.9	-3	8.9	1.7	55	12.4	19	31	-13	0.2	9.7	-17.7	-4.1	19.3	-10	-1	-1.92	-2.20	-0.21
																37	65	46	36	38	40	38	34	21	7	13	25	25	23	14	31	24	22	17	19	17
ZEF 250220	6020546617		ZEF 200149			103	97	105	96	114	106	96	91	102	96	103	104	101	102	97	105	100	99	96	101	90	108	109	106	131	81	92	94	99	90	116
						58	38	36	37	25	36	41	25	34	27	28	0.60	-1.8	26	13.3	5.4	75	24.4	63	38	-20	0.7	18.4	-12.5	-6.2	20.3	-9	8	0.58	-1.61	1.27
																36	64	45	37	38	36	37	34	28	12	21	32	31	27	16	32	30	28	26	28	26
ZEF 250221	6020546625		ZEF 150100			87	96	94	112	96	86	89	80	82	81	92	87	85	88	96	94	97	90	82	91	75	108	85	98	113	76	95	86	87	92	76
						61	40	42	38	26	38	43	23	35	26	12	2.33	0.4	4	12.6	1.8	67	15.8	12	14	4	0.8	3.7	-8.0	-2.9	17.2	-7	1	-0.65	-1.29	-2.14
																38	66	48	38	40	42	40	38	28	10	16	33	32	27	17	34	31	28	25	28	25
ZEF 250227	6020546666		ZEF 230007			104	92	101	108	99	95	92			87	92	104	98	91	92	101	98	88	86	85	78	114	84	100	117	74	99	89	91	100	84
						55	34	24	22	17	29	34			14	13	0.61	-1.2	8	10.8	3.9	69	14.4	27	0	0	1.1	3.4	-9.1	-3.6	16.0	-4	4	-0.22	0.06	-1.41
																22	63	37	22	34	24	27	30	16	8	9	18	17	9	24	17	16	13	14	13	
ZEF 250230	6020546690		FCT 120032			92	92	106	97	105	91	87	84	88	89	105	95	92	101	92	106	97	92	89	93	83	91	90	98	119	85	98	94	99	92	87
						62	41	43	39	25	38	44	24	35	27	30	1.54	-0.5	24	10.7	5.7	67	18.1	37	19	-9	-0.2	6.9	-8.0	-4.0	22.8	-5	8	0.56	-1.20	-1.16
																38	67	49	39	41	43	41	38	30	8	15	35	34	25	16	34	33	30	26	28	25

Breeding Values and Accuracies: Bulls

Inbreeding in red is high

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

Animal				Selection Value											Birth			Wean				Growth & Adaptation					Fertility				Frame		Carcass		
ID	Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -brth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean wt	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thickn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
ZEF 250238	6020546740		ZEF 150109		88	105	86	104	109	96	95	90	93	89	95	85	96	95	105	86	95	102	93	96	102	105	99	117	117	76	108	97	94	99	97
					61	40	42	38	27	38	43	22	35	26	17	2.56	-1.0	14	17.4	-0.6	61	26.7	52	27	-40	0.6	12.4	-18.6	-3.7	17.0	3	11	0.05	-0.07	-0.28
															38	66	48	38	40	42	40	38	27	16	17	30	29	28	18	35	29	27	25	26	24
ZEF 250239	6020546757		ZEF 230116		95	109	99	89	101	102	103			102	114	94	103	112	109	99	101	104	103	90	94	104	91	87	123	82	101	101	107	101	96
					56	34	24	23	19	30	34			20	43	1.61	-2.0	40	19.6	3.3	75	28.8	90	10	-26	0.5	7.4	-1.9	-4.8	20.7	-3	15	1.34	0.24	-0.38
															23	63	38	23	34	24	27	29	20	8	13	24	23	23	10	23	22	20	19	22	19
ZEF 250243	6020546799		VV 160212		112	84	99	107	108	94	83	89	91	90	91	113	100	91	84	99	88	89	89	88	91	102	91	119	115	78	101	94	83	107	108
					61	39	40	37	23	37	42	20	34	20	12	-0.38	-1.6	9	6.3	3.4	44	15.1	39	6	-23	0.4	7.7	-19.7	-3.3	18.5	-2	8	-1.02	1.08	0.59
															37	67	47	37	39	40	39	36	24	7	15	29	28	24	14	32	27	24	19	21	19
ZEF 250246	6020546815		JHK 110133		108	82	103	103	113	92	80	80	88	76	96	105	108	94	82	103	88	84	83	101	91	97	91	108	134	68	109	93	81	95	104
					63	42	43	37	26	39	45	26	36	25	18	0.43	-2.7	14	5.0	4.6	43	10.9	14	38	-22	0.2	7.2	-13.7	-6.6	12.3	4	8	-1.18	-0.74	0.26
															37	68	49	37	42	43	41	38	26	8	26	29	28	26	15	36	28	26	24	26	24

Breeding Values and Accuracies: Cows & Heifers

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass		
ID	Inbreeding	Genomic	Index	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
Animal no	%	Parentage	Sire ID Dam ID																															
VV 090219 68908268	5	VV 050378 VV 050346		80 93	107 92	68 93	94 91	128 88	92 84	82 92	81 87	88 85	81 87	96 18	84 2.68	84 0.6	107 32	107 18.7	68 -6.0	77 17	103 27.2	85 22	97 29	115 -62	90 -0.2	127 28.8	123 -22.1	126 -5.2	103 33.6	120 13	103 16	55 -3.85	89 -1.74	115 1.19
FCT 100038 71226104	5	FCT 070121 FCT 040121		93 93	112 92	68 92	93 90	100 88	89 84	93 92	105 88	90 85	107 88	101 25	92 1.80	122 -4.6	108 34	112 21.3	68 -6.2	80 25	111 35.2	109 112	91 14	117 -64	116 1.2	99 12.5	113 -16.2	98 -0.2	91 26.1	122 15	110 23	131 3.76	119 3.09	82 -1.60
AG 110455 74044744	3	AG 080431 AG 040103		84 93	110 92	71 93	102 91	92 89	83 84	94 92	132 88	91 85	108 88	98 20	77 3.33	100 -1.6	98 19	110 20.6	71 -5.3	85 38	114 37.2	127 181	99 33	123 -74	60 -1.9	89 6.1	111 -15.4	86 1.9	91 26.5	98 -4	105 18	130 3.66	97 -0.41	114 1.11
CRV 110026 73201568	1	RGR 070004 EI 010241		75 92	110 92	137 92	81 91	87 87	103 84	116 92	122 86	107 84	122 87	122 54	78 3.26	90 -0.2	120 51	110 20.4	137 15.2	128 141	109 33.4	123 165	114 69	122 -72	90 -0.2	119 24.2	71 7.2	101 -0.7	108 36.6	127 19	127 37	108 1.45	119 3.02	118 1.46
CRV 110100 73205452	1	MMJ 050098 VBB 060142		81 92	121 91	116 92	79 90	77 87	101 83	124 91	119 86	105 84	125 87	131 65	73 3.75	102 -1.8	123 56	121 26.4	116 8.7	119 119	118 41.3	125 173	94 21	121 -71	100 0.3	119 23.8	58 14.6	93 0.8	103 33.6	115 9	128 38	78 -1.53	129 4.60	77 -2.00
CRV 110150 74348731	1	JMP 070299 VBB 080330		108 92	107 91	85 92	102 90	103 87	105 83	104 91	90 86	102 84	98 86	92 12	104 0.53	118 -4.0	97 18	107 18.7	85 -0.9	95 61	99 24.2	89 37	84 -3	84 -11	78 -0.9	87 5.0	99 -8.3	105 -1.5	102 33.1	115 9	96 11	114 2.07	117 2.73	104 0.30
CRV 110203 74349259	4	BHE 030094 BHE 030082		97 92	96 91	104 92	108 90	113 87	104 83	96 91	78 87	98 84	88 87	89 9	102 0.72	81 0.9	90 12	96 8.8	104 4.9	105 86	99 23.9	78 -5	125 97	94 -24	73 -1.2	90 6.9	124 -22.5	110 -2.3	92 26.7	108 3	92 6	83 -1.06	110 1.70	124 1.97
CRV 110212 74349341	1	VBB 060015 VV 010298		74 92	107 91	125 92	84 90	92 87	97 83	106 91	108 88	98 84	112 88	114 42	75 3.60	83 0.7	116 45	107 18.9	125 11.5	118 118	107 30.9	115 136	73 -30	103 -42	110 0.9	109 18.0	85 -0.4	104 -1.2	93 27.6	107 2	113 25	84 -0.89	97 -0.36	116 1.27
CRV 110231 74357674	1	PAD 060070 JBR 030042		80 93	116 92	119 92	77 90	84 88	100 84	118 92	126 88	106 85	116 88	132 67	57 5.47	94 -0.7	126 60	116 23.8	119 9.7	116 112	114 37.5	133 205	75 -25	140 -103	105 0.6	86 4.7	77 4.2	101 -0.8	89 24.8	141 30	136 46	93 0.00	105 0.86	108 0.61
JHK 110133 72583123	1	NFS 070326 NFS 040172		95 93	88 92	108 93	98 90	112 87	92 84	84 92	94 88	91 85	80 87	102 25	92 1.83	115 -3.6	100 22	88 8.2	108 6.3	95 62	94 19.4	94 57	111 62	116 -63	103 0.5	98 11.5	101 -9.6	128 -5.6	82 20.7	130 20	107 20	91 -0.26	104 0.71	107 0.51
VV 110377 73984346	2	VV 090199 VV 010091		88 92	121 92	85 92	87 91	72 87	89 84	112 92	101 86	90 84	102 86	117 46	84 2.64	109 -2.7	115 45	121 26.5	85 -0.8	100 72	116 39.0	101 81	109 59	95 -28	104 0.6	98 11.6	71 7.3	90 1.3	87 23.6	113 7	107 20	113 2.01	109 1.45	98 -0.26
FCT 120032 74997727	1	FCT 080012 FCT 090138		81 93	102 93	114 93	86 91	96 88	92 84	96 93	104 88	93 85	105 88	119 49	84 2.66	91 -0.3	114 43	102 16.2	114 8.2	106 89	105 29.4	106 103	95 24	100 -37	90 -0.2	97 10.9	81 1.9	99 -0.5	116 41.7	107 2	108 21	125 3.23	98 -0.23	73 -2.32

Breeding Values and Accuracies: Cows & Heifers

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass		
ID	Inbreeding	Genomic	Index	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
Animal no	%	Parentage	Sire ID Dam ID																															
FCT 120103 74998717	2		FCT 080012 FCT 100028	84 92	115 91	107 92	89 89	105 86	110 83	114 91	123 86	113 84	121 86	105 31	78 3.27	104 -2.2	110 37	115 23.1	107 5.9	114 107	119 41.7	126 176	111 63	139 -100	89 -0.3	85 3.8	106 -12.6	99 -0.4	107 36.2	123 15	129 39	97 0.42	121 3.40	101 0.00
WVW 120088 75937003	1		V 090085 WVW 060036	96 92	105 92	127 93	80 91	114 88	116 84	110 92	113 86	117 84	120 86	119 49	101 0.85	98 -1.3	121 53	105 17.4	127 11.9	114 108	110 34.0	116 138	105 49	104 -43	95 0.1	108 17.6	116 -18.3	118 -3.8	89 24.9	149 35	125 36	93 -0.04	105 0.84	89 -1.00
ZEF 120099 76175512			JJ 090048 ZEF 070171	112 92	92 91	116 92	96 90	97 87	101 83	97 91	99 87	100 84	92 86	100 24	115 -0.60	101 -1.8	102 25	92 10.3	116 8.7	105 85	100 25.2	97 68	96 25	98 -33	110 0.9	98 11.3	102 -10.2	97 0.0	97 30.2	109 4	104 17	75 -1.84	81 -2.92	57 -3.72
ZEF 120111 76174812	1		V 090085 WVW 070038	98 93	101 92	100 93	81 91	116 88	101 84	93 92	109 88	102 85	103 88	115 43	100 0.97	104 -2.1	122 54	101 15.4	100 3.7	91 50	108 31.8	114 133	94 22	108 -49	114 1.1	115 22.0	113 -16.8	118 -3.7	101 32.4	126 18	112 24	81 -1.26	98 -0.22	55 -3.87
ZEF 120148 76175447			JJ 090048 ZEF 070194	122 92	89 91	109 92	99 90	100 87	102 83	94 91	102 87	102 84	103 88	98 20	124 -1.48	108 -2.7	99 20	89 8.8	109 6.3	97 67	94 19.1	102 88	102 40	98 -33	95 0.1	100 12.7	102 -10.3	98 -0.6	98 30.5	100 -3	93 8	78 -1.54	107 1.22	99 -0.17
VV 130127 77275022	5		VV 100378 VV 100313	109 92	96 91	90 92	129 89	114 86	112 83	102 91	103 86	110 84	106 86	77 -7	108 0.10	94 -0.8	76 -13	96 12.8	90 0.6	101 76	97 22.3	105 97	96 26	129 -84	81 -0.7	131 31.2	121 -21.2	106 -1.6	100 31.9	112 6	117 29	81 -1.22	119 3.08	118 1.44
WAT 130055 77296796	3		WAT 060071 WAT 050141	107 93	82 92	75 93	124 92	131 89	94 84	74 92	89 88	91 85	80 88	87 5	102 0.79	108 -2.6	82 5	82 5.1	75 -3.8	68 -4	83 9.5	95 62	99 34	101 -39	86 -0.4	101 13.2	119 -19.9	131 -6.1	102 32.7	87 -14	82 -2	107 1.36	92 -1.27	89 -0.97
ZEF 130002 76897719			JJ 090101 ZEF 070132	136 91	94 89	98 91	100 89	112 84	117 82	102 90	103 84	115 82	110 84	97 19	136 -2.74	140 -7.0	98 20	94 11.7	98 3.2	94 58	97 22.3	104 96	102 40	108 -49	75 -1.0	86 4.2	101 -10.0	105 -1.4	120 44.1	121 14	117 28	105 1.14	120 3.16	74 -2.26
ZEF 130037 77073716			JJ 090048 ZEF 070216	94 92	112 91	149 92	74 90	76 87	113 83	130 91	114 87	114 84	128 87	132 67	99 1.11	99 -1.5	127 62	112 21.6	149 18.8	134 155	116 39.5	126 179	134 119	146 -112	121 1.5	121 25.3	69 8.7	82 2.7	107 36.1	143 31	145 53	93 -0.05	109 1.42	94 -0.60
ZEF 130065 77247047			JJ 090048 ZEF 070175	111 93	94 93	119 93	101 92	97 89	107 85	104 93	103 90	106 86	103 90	98 20	111 -0.14	106 -2.4	96 16	94 11.8	119 9.5	113 105	97 21.9	108 109	93 19	135 -93	102 0.4	114 20.9	86 -1.1	100 -0.5	114 40.1	109 4	113 25	108 1.49	110 1.69	85 -1.30
ZEF 130082 78369816			VV 090302 ZEF 070148	126 93	90 92	102 93	110 92	115 89	113 84	98 92	78 88	106 85	83 88	92 12	123 -1.43	131 -5.8	89 5	90 9.2	102 4.3	98 68	83 9.5	84 21	91 14	90 -20	102 0.4	104 15.0	128 -24.8	94 0.6	112 38.9	93 -9	88 3	83 -1.01	112 1.96	73 -2.36
ZEF 130130 78569761			VV 090302 WVW 070140	108 94	112 93	86 94	87 92	136 90	124 85	106 93	113 90	124 86	109 89	110 36	105 0.48	125 -4.9	115 44	112 21.3	86 -0.4	92 55	111 34.4	114 133	97 28	112 -57	114 1.1	128 29.5	128 -24.9	126 -5.3	116 41.2	104 0	112 24	98 0.52	107 1.11	80 -1.73

Breeding Values and Accuracies: Cows & Heifers

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass		
ID Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
			Sire ID Dam ID																															
ZEF 130133 78569753	1	VV 100479 VVW 070038		99 93	88 93	111 93	106 92	111 89	98 85	89 93	102 89	98 86	85 89	91 11	99 1.08	96 -1.1	92 10	88 8.2	111 7.0	102 78	93 18.7	104 95	85 -1	126 -79	116 1.2	122 26.2	99 -8.3	120 -4.1	102 32.8	119 12	105 18	89 -0.39	77 -3.61	53 -4.01
ZEF 130154 78572245	2	VV 110072 VV 100144		94 91	112 90	76 91	102 89	99 85	97 82	101 90	117 85	100 83	120 84	98 21	92 1.84	100 -1.6	98 19	112 21.4	76 -3.6	92 54	113 37.0	111 121	109 57	112 -57	138 2.5	104 15.0	108 -13.5	93 0.6	103 33.3	110 5	113 25	87 -0.59	134 5.43	100 -0.11
ZEF 130161 78854262		VV 090302 ZEF 070113		81 91	109 90	115 91	83 89	87 86	94 82	107 90	101 84	94 82	104 84	117 46	69 4.19	97 -1.2	118 48	109 19.8	115 8.3	111 99	107 30.9	112 124	78 -18	121 -71	106 0.6	129 30.1	98 -7.9	84 2.3	96 29.3	118 11	115 27	114 2.12	109 1.52	79 -1.87
ZEF 130179 78854312		VV 090302 ZEF 070214		85 92	109 91	91 92	92 90	106 87	96 83	99 91	106 88	97 84	100 88	104 28	80 3.08	108 -2.6	108 34	109 19.8	91 1.0	97 65	108 32.1	109 112	109 56	114 -60	95 0.1	100 13.0	110 -15.0	100 -0.5	99 31.3	121 13	121 32	109 1.60	87 -2.00	97 -0.33
AG 140273 80301054	2	TOR 050216 AG 080374		81 91	114 91	98 92	87 91	82 88	90 83	106 91	109 87	92 84	109 87	117 46	75 3.53	98 -1.4	114 43	114 22.7	98 3.2	104 83	108 32.3	106 103	81 -9	107 -48	104 0.5	85 3.6	81 1.7	92 0.9	91 26.3	112 6	110 22	115 2.21	92 -1.23	99 -0.12
CRV 140029 81144719	1	BPJ 100075 CRV 110382		98 92	103 91	103 91	97 90	119 87	112 83	101 91	107 86	111 84	98 87	98 21	101 0.91	93 -0.7	102 24	103 16.5	103 4.6	104 84	106 30.7	110 117	110 60	113 -57	115 1.1	104 14.9	125 -23.5	113 -2.9	101 32.5	84 -16	88 3	121 2.81	101 0.25	142 3.49
CRV 140265 79875290	3	BPJ 100065 HJS 040099		82 91	117 90	91 91	90 89	72 86	85 82	105 90	116 85	90 83	111 85	117 46	88 2.26	85 0.5	110 37	117 23.8	91 1.0	103 79	112 36.1	123 166	96 27	108 -50	128 1.9	103 14.6	66 10.4	95 0.3	87 24.0	125 17	118 29	113 1.97	111 1.72	99 -0.12
EB 140151 81647984		MCU 100095 EB 100165		88 91	105 90	122 90	84 89	122 85	115 82	105 90	127 84	119 82	118 84	117 46	95 1.53	90 -0.2	117 46	105 17.5	122 10.4	113 105	111 34.8	128 186	113 68	126 -79	100 0.3	98 11.8	110 -14.9	119 -4.0	108 36.8	127 19	126 37	111 1.84	121 3.38	114 1.12
VV 140024 79487864	1	VV 110401 VV 050455		101 92	98 91	78 92	104 90	79 87	75 83	85 91	69 87	70 84	76 86	89 9	102 0.78	130 -5.6	95 15	98 13.6	78 -3.1	81 26	94 19.8	76 -10	100 36	85 -11	108 0.8	103 14.9	113 -16.5	69 5.0	86 23.0	92 -10	89 4	89 -0.37	88 -1.89	95 -0.47
VV 140032 79487948	3	VV 110011 VV 090267		117 92	77 91	100 92	135 90	107 87	98 83	87 91	67 87	90 84	75 86	67 -21	113 -0.42	101 -1.8	69 -24	77 2.5	100 3.9	95 61	81 8.0	60 -73	95 25	48 48	104 0.6	86 4.5	128 -25.0	91 1.1	104 33.9	67 -29	66 -17	68 -2.55	111 1.82	105 0.33
VV 140206 79694162	4	VV 110238 VV 100093		71 91	133 91	91 91	68 89	104 86	106 83	121 91	133 86	112 84	138 85	133 68	59 5.25	82 0.8	141 83	133 32.6	91 1.0	101 77	138 59.0	126 177	118 80	122 -73	120 1.5	106 16.5	108 -13.9	102 -1.0	92 27.1	140 29	140 49	125 3.20	122 3.49	105 0.37
ZEF 140165 80386014		VV 100479 ZEF 070113		83 91	99 90	105 91	91 89	88 85	82 82	91 90	87 85	80 83	82 85	107 33	74 3.73	100 -1.5	108 34	99 14.2	105 5.4	99 71	98 22.7	88 36	83 -5	110 -52	116 1.2	111 19.6	85 -0.4	96 0.1	99 31.0	111 6	102 16	101 0.81	98 -0.34	53 -4.01

Breeding Values and Accuracies: Cows & Heifers

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass		
ID	Inbreeding	Genomic	Index	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
Animal no	%	Parentage	EBV Acc																															
ZEF 140171 80503865		VV 100479 ZEF 070029		101 92	90 91	93 91	112 90	117 87	98 83	86 91	75 86	91 84	81 86	82 0	99 1.13	115 -3.6	88 4	90 9.4	93 1.6	90 50	88 14.5	77 -9	91 15	99 -35	92 -0.1	85 3.6	102 -10.1	121 -4.3	107 36.2	97 -6	94 8	81 -1.22	93 -1.01	53 -4.01
ZEF 140198 80501943	1	VV 100479 WVWV 060036		96 93	101 92	102 92	104 91	107 88	104 84	102 92	117 88	107 85	111 88	93 14	92 1.84	110 -2.9	94 14	101 15.7	102 4.3	106 88	102 26.3	117 144	106 50	125 -78	120 1.4	112 20.1	111 -15.3	116 -3.4	84 21.7	120 13	113 25	88 -0.49	116 2.56	81 -1.65
VV 150001 81595332	3	VV 120478 VV 040047		99 92	104 91	149 91	76 90	99 87	119 83	121 91	124 86	122 84	113 86	130 64	99 1.09	109 -2.8	125 59	104 16.8	149 18.8	128 141	119 41.6	120 155	131 111	127 -81	121 1.5	110 18.7	101 -9.5	96 0.2	110 38.0	128 19	120 32	86 -0.71	95 -0.77	86 -1.26
VV 150013 81595431	2	VV 120011 VV 040264		86 93	121 93	97 93	84 92	112 89	115 85	116 93	120 88	117 86	127 88	119 50	83 2.73	106 -2.4	118 49	121 26.4	97 2.9	107 91	123 45.9	114 133	112 65	107 -48	102 0.4	101 13.4	124 -23.1	101 -0.7	107 35.9	101 -3	116 28	115 2.23	128 4.40	127 2.20
VV 150020 81595712	1	VV 120133 VV 040242		135 93	84 92	86 93	110 91	134 89	114 84	86 92	93 88	110 85	96 88	83 0	132 -2.34	123 -4.7	89 6	84 6.2	86 -0.4	77 19	91 16.6	102 85	100 35	110 -53	98 0.2	104 15.3	138 -30.6	125 -5.1	103 33.6	103 -1	103 17	96 0.25	143 6.92	90 -0.93
VV 150049 81595779	3	VV 110401 VV 100356		115 92	95 91	108 91	110 90	84 87	100 83	104 91	78 87	94 84	95 87	94 15	115 -0.64	134 -6.1	88 5	95 12.1	108 6.1	109 94	92 17.9	83 15	60 -62	67 17	103 0.5	116 22.5	97 -7.5	75 4.0	108 36.5	73 -25	80 -4	105 1.21	131 4.93	105 0.37
VV 150056 81595837	3	VV 120286 VV 060395		100 92	105 92	82 92	110 91	142 88	121 84	99 92	101 88	118 85	103 88	88 7	102 0.74	89 -0.1	90 7	105 17.6	82 -1.9	94 59	106 30.4	104 96	88 8	93 -25	96 0.1	107 16.9	140 -32.2	129 -5.7	114 40.4	84 -16	92 6	89 -0.38	131 4.95	65 -3.03
ZEF 150075 82617127		HCO 090103 ZEF 070029		121 93	101 92	81 93	125 92	122 89	121 84	106 92	101 89	118 85	102 89	79 -5	119 -0.99	107 -2.5	80 -7	101 15.2	81 -2.1	94 59	103 27.3	100 81	96 26	100 -36	139 2.5	118 23.4	116 -18.1	117 -3.5	110 38.1	98 -5	95 10	106 1.33	133 5.20	53 -4.01
ZEF 150100 82610452	2	AG 100422 VV 110377		80 92	110 92	89 92	114 90	78 87	87 84	105 92	95 87	86 85	90 87	93 14	67 4.38	76 1.6	86 2	110 20.4	89 0.4	109 94	101 25.4	93 53	90 12	85 -13	125 1.7	86 4.5	80 2.0	87 1.7	98 30.6	101 -2	92 7	101 0.80	97 -0.41	53 -4.01
ZEF 150109 82610544	1	HCO 090103 FCT 100038		102 93	111 92	70 92	100 91	104 88	99 84	100 92	114 88	102 85	106 88	99 22	98 1.17	115 -3.7	100 22	111 21.0	70 -5.5	85 37	112 35.9	114 134	101 39	135 -93	118 1.3	115 22.0	118 -19.3	96 0.2	97 30.1	128 19	115 27	115 2.21	113 2.05	94 -0.57
ZEF 150138 82617069		VV 120139 ZEF 130065		103 94	115 93	112 94	93 93	111 90	127 85	122 93	146 90	133 86	139 90	111 38	103 0.62	104 -2.1	106 30	115 22.8	112 7.5	120 123	125 47.1	146 254	120 85	155 -126	91 -0.1	147 41.0	115 -17.8	93 0.6	119 43.3	114 8	124 35	108 1.48	115 2.46	128 2.27
AG 160049 83115188	3	MCU 100109 AG 080418		112 93	90 93	70 93	124 92	138 90	107 85	83 93	61 90	96 86	73 90	79 -5	111 -0.19	128 -5.4	81 -5	90 9.6	70 -5.5	72 5	87 13.3	67 -46	93 18	61 27	90 -0.2	70 -5.1	138 -30.9	138 -7.4	88 24.6	83 -16	79 -5	86 -0.70	102 0.30	106 0.40

Breeding Values and Accuracies: Cows & Heifers

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass		
ID Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thickn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
			Sire ID Dam ID																															
VV 160212 84264225	2		VV 140006 VV 140472	104 92	94 91	101 91	104 90	103 87	97 83	93 91	113 87	100 84	107 86	92 13 90	105 0.49 92	98 -1.3 91	94 13 90	94 11.4 91	101 4.0 91	98 68 91	104 28.6 90	107 107 87	84 -3 85	116 -62 86	112 1.0 88	99 12.5 88	122 -21.5 87	92 0.9 85	102 33.2 89	113 8 88	108 21 87	94 0.06 86	127 4.33 86	115 1.18 86
VV 160358 84378942	5		VV 130022 VV 140184	114 92	104 91	106 91	105 91	137 88	136 83	114 91	86 87	128 84	102 88	91 11 91	112 -0.23 92	110 -3.0 91	93 11 91	104 17.2 91	106 5.6 91	114 107 91	98 23.1 90	94 56 88	85 0 86	99 -35 86	119 1.4 89	95 9.8 89	124 -22.6 87	135 -6.8 86	107 36.2 90	89 -11 89	101 14 88	117 2.44 87	113 2.06 88	98 -0.21 87
VV 160416 84410356	2		VV 140452 VV 140515	87 92	112 91	113 91	93 90	103 87	112 83	115 91	100 88	110 84	102 88	107 32 90	85 2.55 92	115 -3.6 91	105 29 90	112 21.6 91	113 7.8 91	120 121 91	113 36.6 90	103 92 88	105 47 86	115 -62 87	110 0.9 89	113 20.5 89	107 -13.2 87	93 0.7 86	115 41.0 89	113 8 89	113 25 88	92 -0.11 87	98 -0.22 88	126 2.17 87
VV 160516 84492081	6		VV 140452 VV 140332	84 90	112 89	109 90	111 89	105 85	115 81	117 89	98 85	112 82	97 85	87 5 89	87 2.30 90	77 1.5 89	88 4 89	112 21.4 89	109 6.3 90	127 139 89	101 25.4 88	103 89 86	68 -40 84	105 -45 84	120 1.4 87	123 26.7 87	143 -33.7 85	79 3.2 84	97 30.1 87	87 -13 86	95 9 86	93 0.01 85	114 2.27 85	53 -4.01 85
ZEF 160055 83737148			HCO 090103 ZEF 070216	93 91	100 90	99 91	85 90	97 87	88 83	90 90	116 86	92 84	108 86	110 36 90	94 1.61 91	101 -1.8 90	116 45 90	100 14.7 91	99 3.6 91	92 53 90	105 29.8 89	122 161 87	94 22 85	140 -103 85	121 1.5 88	136 34.2 88	94 -5.7 87	103 -1.2 85	97 30.1 88	126 18 87	117 28 87	86 -0.73 86	121 3.37 87	94 -0.56 86
ZEF 160059 83735621	2		VV 100479 VV 100010	106 92	98 92	106 92	110 90	91 88	101 84	104 92	89 87	98 85	86 87	91 11 90	105 0.42 92	125 -5.0 91	88 5 90	98 13.6 92	106 5.6 92	110 97 91	99 24.4 90	90 41 88	109 57 86	106 -47 86	105 0.6 89	92 7.9 88	107 -13.2 88	92 0.8 86	91 26.2 90	109 4 88	99 13 88	100 0.64 87	102 0.32 87	68 -2.76 87
ZEF 160076 84563949	2		VV 140138 ZEF 140104	116 91	101 90	98 91	101 89	121 86	119 82	105 90	100 86	116 83	102 86	96 18 89	112 -0.29 91	122 -4.6 90	98 19 89	101 15.4 90	98 3.0 91	100 74 90	97 22.5 90	103 89 86	82 -8 85	91 -22 85	112 1.0 87	103 14.4 87	131 -27.0 86	103 -1.0 85	111 38.5 88	121 14 87	106 19 86	91 -0.25 86	116 2.60 86	107 0.53 86
ZEF 160097 84563972	1		VV 140007 ZEF 140083	110 91	94 90	74 90	102 89	112 85	91 82	81 90	100 85	91 83	85 85	88 8 89	106 0.34 91	113 -3.4 90	98 19 89	94 11.5 90	74 -4.4 90	72 6 90	95 20.2 88	105 100 85	97 29 84	115 -62 84	105 0.6 86	84 3.3 86	120 -20.3 85	105 -1.4 84	101 32.1 87	94 -8 86	96 10 85	78 -1.51 85	107 1.14 85	92 -0.78 85
ZEF 160106 84563998	1		VV 140007 ZEF 140197	111 91	96 90	88 90	129 88	107 85	108 82	102 90	87 84	103 82	78 84	80 -3 88	110 -0.04 91	98 -1.3 89	77 -13 88	96 12.7 90	88 0.1 90	99 70 89	92 18.1 88	97 68 85	105 48 83	105 -44 84	105 0.6 86	106 16.5 86	115 -17.5 85	101 -0.7 84	105 34.8 87	95 -7 86	87 2 85	76 -1.74 84	86 -2.23 84	96 -0.41 84
ZEF 160119 84612977	1		VV 120274 FCT 120089	116 92	107 91	101 91	112 90	93 87	115 83	118 91	96 88	112 84	108 88	92 12 90	113 -0.39 92	111 -3.0 91	87 3 90	107 18.4 91	101 3.9 91	115 109 91	104 28.3 90	102 88 88	96 27 85	95 -28 86	109 0.8 89	104 15.4 89	94 -5.8 87	89 1.3 86	109 37.5 89	108 3 89	110 23 88	89 -0.45 87	123 3.64 88	120 1.61 87
ZEF 160135 84564046	3		VV 140007 ZEF 140016	112 91	98 90	100 90	120 89	100 85	110 82	109 90	90 85	106 83	95 85	89 9 89	107 0.26 91	112 -3.1 90	83 -3 89	98 14.0 90	100 3.8 90	109 95 90	94 19.9 88	97 69 86	96 26 84	112 -56 84	113 1.1 87	104 15.1 87	108 -13.7 85	90 1.3 84	115 40.7 87	90 -11 86	91 6 86	89 -0.46 85	109 1.53 85	104 0.23 85
ZEF 160140 84612894			HCO 090103 VVV 070034	134 92	81 91	103 92	133 90	113 88	115 83	99 91	94 87	111 84	87 88	71 -15 90	130 -2.19 92	116 -3.7 91	71 -21 90	81 4.5 91	103 4.8 92	101 76 91	88 14.3 90	94 58 88	106 50 86	107 -47 86	119 1.4 89	147 40.8 89	107 -13.3 88	107 -1.8 86	114 40.4 89	82 -17 89	80 -4 88	92 -0.14 87	122 3.59 88	97 -0.34 87

Breeding Values and Accuracies: Cows & Heifers

Value <80 Value >120

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Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass			
ID Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling	
			Sire ID Dam ID																																
ZEF 160166 84613231		VV 120274 ZEF 130065		125 92	88 92	105 92	115 91	82 88	97 84	100 92	104 88	97 85	105 88	89 8	121 -1.25	126 -5.1	85 0	88 8.5	105 5.3	101 76	88 14.2	103 91	86 2	113 -59	121 1.5	119 24.2	79 88	83 86	116 2.5	116 41.4	98 -5	105 18	86 -0.71	126 4.22	100 -0.11
AG 170252 85910602	2 	JL 100198 AG 120280		101 92	93 92	109 92	120 91	92 89	98 84	101 92	91 88	95 85	95 88	87 6	98 1.21	111 -3.1	83 -3	93 10.9	109 6.4	111 99	96 21.7	83 14	96 26	85 -12	86 -0.5	116 22.3	96 -7.1	88 1.5	109 37.3	95 -7	85 0	125 3.20	97 -0.46	124 1.99	
EB 170054 86373834		MCU 100095 EB 130098		98 91	117 91	119 90	78 90	134 87	137 83	124 91	125 86	138 84	124 86	124 56	101 0.84	103 -2.0	124 58	117 24.2	119 9.4	117 114	121 43.7	127 181	122 89	118 -66	122 1.5	99 12.3	119 -20.1	130 -6.0	111 38.6	117 11	131 41	143 4.99	119 3.06	130 2.44	
EB 170061 86373909	1 	MCU 110062 EB 120034		95 91	112 90	90 90	102 89	98 86	103 82	108 90	117 86	106 83	123 86	100 23	91 1.87	102 -1.9	97 18	112 21.4	90 0.6	104 83	113 36.5	111 122	107 52	113 -58	88 -0.3	105 16.1	85 -0.8	101 -0.8	108 36.8	98 -5	119 30	98 0.46	137 5.98	144 3.65	
EB 170067 86370954		MCU 100095 EB 120026		114 90	108 89	116 89	99 88	114 84	130 81	120 89	122 84	131 82	117 83	106 32	120 -1.13	94 -0.7	98 20	108 19.0	116 8.8	122 127	112 35.7	122 161	99 33	113 -58	111 1.0	95 9.9	115 -17.6	106 -1.7	108 36.9	108 3	118 29	106 1.31	133 5.34	105 0.40	
VV 170031 85274728	3 	VV 120286 VV 140030		109 92	98 91	79 91	101 91	121 88	102 83	87 91	100 88	101 84	102 88	95 16	114 -0.50	93 -0.6	98 19	98 13.6	79 -2.6	81 27	104 28.6	110 116	105 48	109 -51	97 0.2	90 7.1	108 -13.7	121 -4.3	111 38.4	100 -3	107 20	97 0.36	124 3.80	111 0.85	
VV 170152 85395945	9 	VV 120286 VV 140123		109 93	116 93	121 92	91 92	108 90	134 85	129 93	125 90	135 86	139 90	124 55	115 -0.59	97 -1.1	107 33	116 23.8	121 10.2	128 142	121 43.8	126 179	78 -17	99 -35	71 -1.3	130 30.7	103 -11.1	110 -2.3	101 32.6	109 4	130 40	130 3.68	127 4.36	106 0.45	
ZEF 170001 85355956	3 	VV 120139 VV 090233		111 94	142 93	103 93	81 92	122 90	154 85	152 93	156 90	160 86	150 90	134 69	106 0.37	122 -4.6	122 54	142 37.6	103 4.7	127 139	146 66.5	151 272	123 92	141 -103	60 -1.9	140 36.9	130 -26.4	109 -2.2	104 34.4	128 19	152 60	128 3.54	123 3.68	129 2.37	
ZEF 170004 85355972	2 	VV 120139 VV 110355		94 92	135 92	91 92	84 91	110 89	129 84	132 92	149 89	137 85	146 88	126 58	99 1.10	96 -1.1	118 49	135 33.7	91 0.9	114 106	139 60.3	150 267	92 16	146 -112	87 -0.4	147 41.0	127 -24.6	91 1.1	108 36.4	113 7	137 46	126 3.30	117 2.74	144 3.65	
ZEF 170005 85355980		VV 120139 ZEF 130002		118 92	119 91	116 91	90 90	104 87	137 83	134 91	130 87	139 84	143 87	114 43	117 -0.84	113 -3.4	109 35	119 25.3	116 8.6	126 136	125 47.2	129 190	106 49	129 -84	50 -2.5	131 31.2	110 -14.6	87 1.8	115 41.2	123 15	134 44	126 3.33	129 4.56	115 1.24	
ZEF 170015 85356087	1 	VV 120139 WAT 130055		86 93	122 93	104 93	85 92	125 90	126 85	120 93	141 90	132 86	131 89	132 66	88 2.20	95 -0.9	117 47	122 27.0	104 5.0	114 108	130 51.5	143 240	131 112	138 -99	68 -1.5	135 33.9	138 -31.0	106 -1.5	103 33.7	131 22	135 45	124 3.06	96 -0.55	126 2.10	
ZEF 170080 86180171	1 	WAT 100074 TEW 120120		71 93	128 92	101 92	81 92	106 89	112 84	120 92	123 88	115 85	126 88	130 64	79 3.15	82 0.9	122 55	128 30.1	101 4.0	113 106	123 46.1	131 197	94 22	121 -70	84 -0.6	122 25.8	88 -2.3	115 -3.3	110 37.9	110 5	125 36	92 -0.17	105 0.83	121 1.74	

Breeding Values and Accuracies: Cows & Heifers

Value <80 Value >120

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Animal				Selection Values											Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass		
ID Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
ZEF 170086 86180213	1				122 92	86 91	87 90	124 90	90 87	91 83	89 91	79 86	86 84	82 86	87 6 89	121 -1.24 92	133 -6.0 91	81 -6 90	86 7.2 91	87 -0.1 90	84 35 90	84 10.9 90	84 18 87	92 16 85	80 -3 85	112 1.0 89	93 8.5 88	98 -7.9 87	85 2.2 85	108 36.4 89	94 -8 88	84 0 88	79 -1.43 86	100 -0.03 87	108 0.57 87
CRV 180158 86959061	1				88 93	126 92	126 92	71 92	62 89	105 84	137 92	122 89	109 85	122 89	139 76 91	86 2.39 93	110 -2.9 92	135 73 92	126 29.0 92	126 11.9 92	124 132 92	120 42.6 91	122 162 90	91 13 88	118 -66 88	139 2.5 91	92 8.2 90	53 17.8 89	72 4.6 88	104 34.3 91	105 1 90	125 36 90	99 0.57 89	104 0.62 89	53 -4.01 89
ZEF 180002 86988045	1				115 89	106 90	88 89	89 89	126 85	117 81	101 89	98 85	114 82	108 86	113 41 89	114 -0.51 89	136 -6.5 89	112 40 89	106 18.0 90	88 0.1 89	89 48 89	106 30.3 88	96 66 86	91 15 84	104 -43 84	90 -0.2 87	105 15.8 87	109 -14.0 85	118 -3.8 84	125 46.8 87	116 10 86	114 26 86	99 0.62 85	106 1.05 86	82 -1.62 85
ZEF 180040 87145041	1				79 91	124 90	101 90	98 89	116 86	123 82	122 90	98 86	119 83	99 86	101 25 89	82 2.81 91	127 -5.2 90	101 23 89	124 27.9 90	101 4.0 90	123 128 90	114 37.8 90	105 99 86	87 5 85	123 -75 85	92 -0.1 87	101 13.1 87	107 -13.3 86	110 -2.3 84	118 42.9 88	106 2 87	114 26 86	124 3.14 85	86 -2.17 86	53 -4.01 85
ZEF 180050 87145132	1				83 92	108 92	113 91	92 91	68 88	85 84	107 92	100 88	86 85	96 88	103 27 91	78 3.25 92	109 -2.8 91	107 32 91	108 19.0 91	113 7.8 91	114 108 91	100 25.1 92	100 79 88	77 -20 87	110 -53 87	103 0.5 90	95 9.6 89	54 17.0 88	81 3.0 80	108 36.6 90	116 10 89	108 21 89	119 2.58 88	88 -1.86 88	53 -4.01 88
ZEF 180086 87638250	2				95 91	120 90	108 89	89 89	80 86	108 82	124 90	98 86	106 83	113 86	117 46 89	91 1.92 91	109 -2.8 90	111 38 89	120 25.8 90	108 6.2 89	119 119 89	112 36.1 90	107 105 87	81 -10 85	116 -62 86	119 1.4 88	109 18.3 88	80 2.2 86	83 2.4 85	102 32.8 88	114 8 87	116 28 87	125 3.19 86	125 4.05 87	82 -1.56 86
ZEF 180122 87638870	2				122 92	101 91	106 91	95 90	73 88	98 83	109 91	117 88	102 84	110 88	106 32 90	119 -1.03 92	131 -5.8 91	103 27 90	101 15.3 91	106 5.7 91	104 84 91	106 29.9 90	118 147 88	94 21 86	111 -54 86	126 1.8 89	126 28.4 89	73 6.4 88	74 4.2 86	109 37.2 89	124 16 89	112 24 88	95 0.22 88	118 2.89 88	97 -0.30 88
ZEF 180126 87638912	1				88 93	117 92	82 92	85 92	95 89	94 84	102 92	115 90	97 85	110 89	121 52 91	91 1.94 93	97 -1.2 92	118 48 92	117 23.8 92	82 -1.6 92	92 54 92	122 44.5 92	117 142 89	103 44 88	103 -42 89	105 0.6 90	120 24.7 90	88 -2.3 89	102 -0.9 88	105 34.5 91	97 -5 90	103 16 89	95 0.17 89	87 -1.97 89	115 1.23 89
ZEF 180133 87743126	1				104 92	107 92	122 91	84 91	105 88	118 84	113 92	130 88	122 85	128 88	119 49 91	112 -0.25 92	94 -0.8 91	116 46 91	107 18.9 92	122 10.5 91	116 111 91	114 37.4 90	133 203 89	108 54 87	122 -72 87	100 0.3 89	124 27.1 89	90 -3.4 88	121 -4.3 87	101 32.1 90	122 14 89	116 28 89	102 0.85 88	108 1.34 88	144 3.65 88
ZEF 180164 87743399	1				99 93	104 92	82 92	92 92	111 89	97 84	91 92	114 89	100 85	105 89	113 42 91	100 0.98 93	102 -1.9 92	108 34 92	104 17.1 92	82 -1.9 92	85 36 92	113 36.8 92	121 159 89	118 80 88	124 -76 88	86 -0.4 90	122 26.2 90	96 -6.6 89	116 -3.3 88	111 38.2 91	122 14 90	115 27 89	91 -0.18 89	92 -1.25 89	119 1.57 89
ZEF 180173 87823951	1				116 91	105 90	81 90	117 90	94 87	105 82	107 90	108 86	106 83	102 86	90 10 90	112 -0.32 91	110 -2.9 90	85 0 90	105 17.5 90	81 -2.1 90	96 63 90	101 26.2 90	104 95 87	107 52 86	105 -44 86	88 -0.3 88	130 30.6 88	91 -3.7 87	96 0.1 86	103 33.9 89	78 -20 88	89 4 87	115 2.17 86	118 2.84 87	68 -2.75 86
ZEF 180175 87823977	3				94 92	104 91	92 90	104 90	110 87	103 83	100 91	106 87	103 84	89 87	99 22 90	91 1.87 92	98 -1.3 91	95 14 90	104 17.2 91	92 1.4 90	100 74 90	110 33.5 90	113 129 88	92 17 86	128 -82 86	94 0.0 88	131 31.6 88	111 -15.2 87	106 -1.6 86	109 37.3 89	93 -9 88	91 6 88	108 1.44 87	69 -4.79 87	103 0.16 87

Breeding Values and Accuracies: Cows & Heifers

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass		
ID	Inbreeding	Genomic	Index	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
Animal no	%	Parentage	Sire ID Dam ID																															
ZEF 180179 87824017	1		ZEF 150140 ZEF 140026	128 91	88 90	117 90	133 89	143 86	143 82	111 90	99 86	137 83	104 86	75 -11	129 -2.08	99 -1.4	71 -21	88 8.2	116 8.8	123 129	93 18.9	99 90	92 16	100 -37	129 1.9	119 23.9	147 -35.7	121 -4.3	117 41.9	94 -8	101 15	106 1.26	133 5.27	82 -1.60
ZEF 180182 87824041	2		CRV 120095 FCT 120032	95 93	100 92	115 92	89 92	101 89	100 84	98 92	116 89	103 85	116 89	116 45	101 0.89	90 -0.3	110 37	100 14.7	115 8.3	106 89	109 32.7	121 158	105 48	114 -60	83 -0.6	121 25.2	82 1.1	114 -3.1	106 35.5	111 6	110 23	120 2.72	92 -1.18	99 -0.13
ZEF 180189 87824116	1		CRV 120095 ZEF 130037	105 92	103 92	137 92	87 92	82 89	111 84	118 92	126 88	115 85	131 88	118 48	109 0.08	102 -1.8	112 39	103 16.8	137 15.1	127 138	114 37.5	134 207	113 68	139 -101	122 1.6	144 39.3	66 10.2	90 1.2	114 40.6	114 8	124 35	104 1.04	114 2.32	129 2.40
BTM 190002 88467600	1		BTM 160072 TEW 100100	81 90	115 89	116 89	88 89	94 85	106 81	116 89	114 85	108 82	124 84	109 35	75 3.60	98 -1.3	112 39	115 22.9	116 8.5	120 121	114 37.3	105 99	124 93	104 -44	95 0.0	112 19.8	87 -1.6	94 0.5	111 38.2	124 16	118 29	106 1.30	123 3.63	124 1.99
BTM 190021 88467774	1		BTM 160051 VV 130441	89 88	102 88	107 87	96 87	113 83	104 80	98 88	102 83	103 81	115 83	101 25	95 1.50	83 0.7	102 26	102 15.9	107 5.9	106 88	108 32.0	101 82	109 58	101 -38	138 2.4	103 14.8	111 -15.1	110 -2.4	107 35.8	95 -7	105 18	124 3.14	136 5.77	80 -1.75
ZEF 190002 88643168	1		TEW 140014 ZEF 130082	102 92	111 92	115 91	102 91	115 89	129 84	123 92	96 88	124 85	105 88	106 31	98 1.14	115 -3.6	95 15	111 20.9	115 8.3	126 137	102 26.6	109 114	80 -11	109 -52	121 1.5	110 19.0	123 -22.0	98 -0.1	113 39.9	106 2	114 26	93 -0.04	129 4.66	97 -0.30
ZEF 190008 88643218	1		CRV 120095 CRV 110026	77 92	123 91	116 91	74 91	94 88	108 83	123 91	140 88	116 84	137 88	129 63	81 2.94	94 -0.7	130 66	123 27.4	116 8.6	117 114	124 46.6	142 238	94 21	125 -77	104 0.6	123 26.5	74 5.4	105 -1.5	112 38.9	121 14	123 34	135 4.18	108 1.29	144 3.65
ZEF 190027 88660022	1		TEW 140014 ZEF 140157	82 91	129 90	101 89	85 90	83 87	107 82	126 90	120 86	110 83	117 86	120 51	83 2.75	97 -1.1	117 47	129 30.5	101 4.0	117 115	119 41.7	127 181	94 22	124 -75	90 -0.2	103 14.7	86 -1.3	84 2.3	101 32.4	112 6	126 37	116 2.27	97 -0.37	109 0.71
ZEF 190039 88660014	3		ZEF 160062 ZEF 170015	104 93	124 92	126 92	77 92	122 90	145 84	139 92	124 89	145 85	129 90	137 73	103 0.64	113 -3.3	126 60	124 28.0	126 11.6	127 138	122 44.9	122 164	101 39	109 -52	101 0.4	118 23.7	116 -18.2	114 -3.0	114 40.6	126 18	134 43	139 4.60	104 0.75	104 0.27
ZEF 190055 88705116	2		TEW 140014 ZEF 130159	98 90	116 89	101 88	88 89	104 86	115 81	116 89	104 86	113 82	106 86	119 49	95 1.55	111 -3.1	113 41	116 23.7	101 4.1	109 95	112 35.3	108 108	104 46	100 -37	104 0.6	83 2.8	105 -11.7	102 -0.8	103 33.9	83 -17	104 17	103 0.95	111 1.77	89 -0.97
ZEF 190066 88703251	1		ZEF 160127 ZEF 160055	84 90	112 90	109 89	75 89	93 86	96 82	108 90	120 86	101 83	114 86	122 53	85 2.53	102 -1.8	129 65	112 21.4	109 6.6	103 82	115 38.0	120 156	99 33	129 -84	120 1.4	123 26.5	101 -9.6	90 1.3	101 32.7	131 21	122 33	101 0.74	108 1.26	92 -0.78
ZEF 190085 89314090	1		ZEF 170182 ZEF 160008	113 89	98 89	102 88	105 88	105 86	109 81	104 89	80 85	103 82	91 85	100 23	110 -0.12	110 -3.0	93 12	98 14.0	102 4.3	104 82	90 15.5	83 13	84 -3	79 -3	91 -0.2	86 4.5	96 -6.7	104 -1.2	114 40.3	99 -4	102 15	95 0.17	114 2.29	91 -0.85

Breeding Values and Accuracies: Cows & Heifers

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

Animal				Selection Values											Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass		
ID Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -brth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
ZEF 190088 89314124	2	 TEW 140014 VV 090052			121 92	95 91	94 91	118 90	125 88	121 83	102 91	104 88	118 84	103 87	82 -1 90	120 -1.12 92	107 -2.5 91	84 -1 90	95 12.2 91	94 1.8 91	98 69 91	95 20.6 90	108 111 88	81 -11 86	113 -58 87	91 -0.2 89	101 13.6 89	128 -25.0 88	112 -2.7 86	113 39.9 89	107 2 88	110 23 88	96 0.26 87	134 5.39 87	100 -0.09 87
ZEF 190112 89314348	2	 TEW 140014 VV 090219			103 92	106 91	83 91	103 90	106 87	103 83	99 91	98 87	101 84	100 86	96 17 90	107 0.21 92	92 -0.4 91	96 15 90	106 18.1 91	83 -1.4 91	93 57 91	103 27.7 90	103 91 87	83 -4 85	108 -50 86	94 0.0 88	106 16.5 88	115 -17.7 87	94 0.5 86	109 37.3 89	95 -7 88	101 15 87	74 -1.95 86	112 1.92 87	113 1.05 86
ZEF 190117 89314058	1	 CRV 120095 ZEF 130130			97 92	111 92	91 91	86 91	138 89	120 84	101 92	128 88	124 85	121 88	116 45 91	102 0.75 92	96 -1.1 91	116 46 91	111 20.6 92	91 1.0 91	94 60 91	120 43.0 91	129 187 88	115 72 87	110 -52 88	119 1.4 89	131 31.2 89	137 -30.0 89	128 -5.5 87	110 38.0 90	102 -2 89	109 22 89	96 0.32 88	95 -0.80 88	128 2.27 88
ZEF 190135 89314538	2	 ZEF 160062 VV 140055			114 91	113 91	149 89	92 90	93 87	140 83	143 90	95 87	134 84	122 87	108 35 89	110 -0.03 91	122 -4.6 90	105 29 90	113 22.0 91	149 18.8 89	150 195 90	115 38.4 90	97 70 88	92 18 86	86 -14 86	110 0.9 88	110 18.9 88	114 -16.8 87	79 3.2 86	101 32.4 89	112 7 88	120 31 88	114 2.14 87	138 6.03 87	76 -2.14 87
ZEF 190136 89314546	1	 ZEF 170182 ZEF 160041			95 91	110 91	128 90	96 90	73 87	107 83	124 91	105 86	106 84	118 87	114 42 89	93 1.71 91	103 -1.9 90	101 24 90	110 20.4 91	128 12.5 90	133 153 90	105 29.7 90	112 124 87	80 -12 86	110 -54 86	97 0.1 88	116 22.5 88	75 5.1 87	76 3.8 86	106 35.3 88	104 0 88	117 29 87	115 2.18 87	121 3.36 87	106 0.47 87
ZEF 190142 89314603	3	 TEW 140014 WAT 130040			108 92	116 91	114 91	84 90	89 88	117 83	124 91	120 88	118 84	119 88	115 44 90	110 -0.08 92	107 -2.6 91	117 47 90	116 23.4 91	114 8.1 91	116 113 91	106 30.1 90	124 169 88	87 5 86	111 -54 87	114 1.1 89	87 5.1 89	92 -4.6 88	89 1.5 86	99 30.9 89	91 -10 89	111 23 88	136 4.32 87	114 2.33 88	84 -1.41 87
ZEF 190162 89364400	1	 TEW 140014 VV 100009			118 91	125 90	101 90	94 90	111 87	140 82	137 90	129 86	142 83	128 86	100 24 90	114 -0.44 91	125 -5.0 90	105 30 90	125 28.2 90	101 4.2 90	121 124 90	117 40.2 90	140 87 87	87 85 85	119 85 88	105 88 88	103 14.8 88	116 -18.0 87	102 -1.0 86	106 35.3 88	110 5 88	128 38 87	109 1.62 86	117 2.80 87	95 -0.49 86
ZEF 190183 89475370	3	 ZEF 170139 VV 160450			76 91	124 90	82 90	92 89	111 86	107 82	110 90	119 86	110 83	116 86	110 37 89	75 3.58 91	85 0.5 90	109 35 89	124 28.1 90	82 -1.9 90	102 79 90	121 44.0 90	123 167 87	93 19 85	119 -68 85	93 -0.1 88	110 18.8 87	109 -14.1 86	105 -1.5 85	112 39.0 88	105 1 87	115 27 87	98 0.51 86	99 -0.13 87	94 -0.59 86
ZEF 190196 89475503	1	 CRV 120095 FCT 110122			97 92	126 91	99 90	85 90	110 88	126 83	126 91	137 87	131 84	128 87	113 40 90	97 1.32 92	106 -2.3 91	116 46 90	126 28.7 91	99 3.6 90	114 106 90	125 47.7 90	142 236 88	93 18 86	118 -66 86	104 0.5 88	110 18.8 88	91 -4.0 88	110 -2.3 86	118 42.6 89	122 14 88	129 39 88	107 1.39 87	116 2.57 87	97 -0.34 87
ZEF 190209 89563357	2	 TEW 140014 WAT 100384			97 92	113 91	114 91	101 91	111 88	126 83	121 91	111 88	124 84	105 88	105 30 90	101 0.83 92	86 0.3 91	97 17 91	113 22.1 91	114 8.1 91	127 139 91	113 36.7 90	120 153 88	98 31 86	112 -56 87	95 0.0 89	114 20.9 89	114 -17.1 88	101 -0.7 86	114 40.2 89	120 13 89	125 35 88	99 0.60 87	94 -0.83 88	120 1.63 87
AG 200276 90919002	2	 CEF 150479 AG 110152			106 91	100 91	74 90	95 90	102 87	88 83	86 91	116 87	92 84	98 87	96 18 89	105 0.42 91	108 -2.7 90	106 31 90	100 15.0 91	74 -4.3 90	76 14 90	100 24.6 89	117 143 87	92 17 87	110 -52 86	118 1.3 88	55 -14.0 88	108 -13.4 87	99 -0.4 86	101 32.4 89	95 -7 88	96 10 88	89 -0.40 87	89 -1.65 87	75 -2.17 87
ZEF 200011 90500422	1	 LHB 160188 ZEF 130082			83 91	113 90	92 89	87 90	111 87	102 82	101 90	99 87	100 83	99 87	110 36 89	84 2.61 91	95 -1.0 90	115 44 90	113 21.9 90	92 1.3 89	98 68 90	110 33.7 90	108 109 87	118 80 86	117 -64 86	93 -0.1 88	101 13.5 88	125 -23.5 87	95 0.4 86	107 35.9 89	109 4 88	108 21 88	93 -0.04 87	89 -1.76 87	83 -1.49 87

Breeding Values and Accuracies: Cows & Heifers

Value <80 Value >120

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Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass		
ID Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
			Sire ID Dam ID																															
ZEF 200018 90500489	2			108 89	118 89	92 88	115 88	128 85	139 81	126 89	108 85	136 82	113 85	92 12 88	111 -0.16 90	90 -0.2 88	86 1 88	118 24.7 89	92 1.1 88	119 120 88	115 38.6 88	107 105 85	86 2 84	116 -62 84	94 0.0 86	116 22.1 86	141 -32.3 85	110 -2.4 84	107 35.9 87	105 1 86	115 27 85	117 2.39 85	107 1.19 85	96 -0.41 85
ZEF 200026 90500562	1			124 90	115 90	100 89	97 90	96 87	125 82	125 90	128 86	128 83	131 87	119 50 89	124 -1.53 91	113 -3.4 90	102 24 90	115 23.0 90	100 3.9 89	113 106 90	116 39.2 90	127 180 87	65 -48 86	101 -38 86	96 0.1 88	111 19.6 88	104 -11.1 87	85 2.1 86	114 40.2 88	113 7 88	128 39 87	123 3.02 87	128 4.47 87	107 0.54 87
ZEF 200028 90500588	1			72 91	123 91	96 90	84 90	102 87	103 83	112 91	111 87	104 84	117 88	115 43 89	62 4.88 91	74 1.9 90	118 49 90	123 27.6 91	96 2.4 90	108 92 90	124 46.5 90	115 136 88	110 61 86	117 -65 86	92 -0.1 89	97 10.7 89	97 -7.7 87	102 -0.8 86	104 34.3 88	130 21 88	129 40 88	95 0.14 87	103 0.46 88	98 -0.26 87
ZEF 200044 90500703	2			103 92	119 92	120 91	73 91	91 89	118 84	130 92	113 88	118 85	125 88	131 66 91	102 0.75 92	114 -3.4 91	131 68 91	119 25.4 92	120 9.7 91	116 111 91	118 41.5 92	117 143 89	124 94 87	103 -41 87	106 0.6 90	101 13.5 90	97 -7.6 89	90 1.3 87	101 32.4 90	119 12 90	129 40 89	123 2.95 88	120 3.27 89	67 -2.88 88
ZEF 200053 90500778	1			111 91	115 90	96 89	102 90	133 87	138 82	121 90	108 87	134 83	115 87	95 16 90	107 0.26 91	113 -3.3 90	97 17 90	115 23.0 90	96 2.5 89	113 104 90	110 34.3 90	112 125 86	84 -3 86	113 -59 86	102 0.4 88	107 16.8 88	118 -19.1 87	126 -5.2 86	118 43.0 88	104 0 88	117 29 87	121 2.81 87	115 2.40 87	65 -3.02 87
ZEF 200055 90500794	2			77 90	139 89	105 88	80 89	123 86	138 81	140 89	117 86	137 82	131 86	121 52 89	77 3.39 90	93 -0.7 89	123 56 89	139 36.2 89	105 5.3 88	126 135 89	136 56.9 88	117 143 86	97 28 84	116 -63 85	79 -0.8 87	95 10.0 87	119 -20.1 86	116 -3.4 84	109 37.3 87	126 17 87	136 46 86	109 1.59 86	99 -0.04 86	123 1.89 86
ZEF 200069 90501818	1			77 90	134 89	71 88	83 89	123 86	116 81	117 89	99 86	113 82	114 86	122 53 88	76 3.44 90	125 -4.9 89	121 53 89	134 33.4 89	71 -5.3 88	96 64 89	120 43.0 89	106 103 86	70 -37 84	106 -47 85	123 1.6 87	106 16.1 87	99 -8.8 86	119 -3.9 84	124 46.5 87	105 1 87	118 29 86	140 4.73 86	110 1.69 86	53 -4.01 86
ZEF 200075 90500943	1			112 92	121 91	93 90	104 90	144 88	150 83	130 91	113 88	147 84	107 88	101 25 90	109 -0.01 92	124 -4.8 91	95 14 90	121 26.4 91	93 1.7 90	118 117 90	115 38.3 90	117 145 88	107 52 87	115 -61 87	101 0.4 89	114 21.0 89	147 -35.7 88	122 -4.5 86	117 42.4 89	101 -3 88	113 25 88	114 2.05 88	95 -0.75 88	53 -4.01 87
ZEF 200076 90500950	2			115 89	97 89	93 88	121 88	89 86	101 81	103 89	87 86	97 82	97 86	86 4 88	115 -0.60 90	133 -6.0 88	83 -3 88	97 13.1 89	93 1.7 88	101 75 88	98 22.8 88	94 56 86	95 25 84	98 -33 85	84 -0.6 87	108 17.8 86	96 -6.9 86	84 2.4 84	109 37.3 87	98 -5 86	104 17 86	104 1.09 85	115 2.36 86	109 0.70 85
ZEF 200079 90500984	2			110 90	128 90	114 89	83 90	76 87	124 82	141 90	148 87	131 83	147 87	128 61 89	107 0.24 91	117 -3.9 90	118 49 90	128 30.0 90	114 8.0 89	125 135 90	130 52.1 90	142 237 86	102 41 86	126 -80 86	90 -0.2 89	130 30.8 88	85 -0.5 87	74 4.1 86	108 36.9 88	137 26 88	145 53 87	122 2.84 87	109 1.51 87	143 3.58 87
ZEF 200083 90501008	1			101 91	124 90	101 90	81 90	115 87	128 82	127 90	119 86	128 83	121 87	129 62 90	96 1.36 91	121 -4.4 90	122 55 90	124 27.9 90	101 4.1 90	110 98 90	124 46.9 90	120 154 87	98 31 86	111 -54 86	105 0.6 88	90 7.0 88	98 -8.1 87	113 -2.8 86	120 44.1 88	116 10 88	125 36 87	116 2.29 87	98 -0.20 87	69 -2.66 87
ZEF 200087 90501032	1			118 92	100 91	106 91	99 91	104 88	113 83	108 91	99 88	111 84	98 88	99 22 90	114 -0.49 92	119 -4.1 91	99 21 91	100 14.9 91	106 5.6 91	106 87 91	101 25.7 90	99 75 89	92 16 87	94 -26 87	115 1.1 90	89 6.4 89	102 -10.2 88	104 -1.3 87	102 33.1 90	101 -2 89	106 19 89	109 1.57 88	95 -0.67 89	72 -2.45 88

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Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass		
ID	Inbreeding	Genomic	Index	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
Animal no	%	Parentage	Sire ID Dam ID																															
ZEF 200091 90998527	1	CRV 120095 ZEF 130130		99 93	107 92	79 91	90 91	122 89	104 84	93 92	115 89	106 85	105 89	110 38	98 1.19	105 -2.3	111 39	107 18.9	79 -2.7	84 35	109 33.0	118 149	89 9	112 -56	129 1.9	123 26.4	111 -15.3	126 -5.3	105 34.7	96 -6	100 14	98 0.53	80 -3.07	102 0.09
ZEF 200093 90998535	2	ZEF 160062 VV 160358		107 92	114 91	122 90	81 91	110 88	129 83	125 91	99 88	124 84	112 88	119 49	107 0.30	112 -3.2	120 52	114 22.5	122 10.6	119 120	113 36.9	104 96	101 38	101 -38	127 1.8	108 17.5	97 -7.1	116 -3.5	105 34.7	100 -3	114 26	127 3.43	118 2.97	91 -0.85
ZEF 200095 90998550	1	CRV 120095 CRV 110231		121 92	96 91	111 91	98 91	118 88	120 83	104 91	116 88	120 84	110 88	103 27	122 -1.29	110 -2.9	100 22	96 12.5	111 7.1	105 86	100 25.0	120 155	90 11	118 -67	127 1.8	113 20.4	107 -13.1	122 -4.5	106 35.6	102 -2	100 14	92 -0.15	102 0.41	121 1.68
ZEF 200101 91878066	1	ZEF 170077 ZEF 180078		108 91	118 90	80 89	96 90	144 87	135 82	114 90	114 86	133 83	108 87	101 24	106 0.32	108 -2.7	103 27	118 24.5	80 -2.3	98 69	117 39.8	122 162	90 12	117 -64	133 2.1	103 14.5	140 -31.8	120 -4.2	127 48.5	118 11	122 33	106 1.27	90 -1.47	53 -4.01
ZEF 200102 90998600	1	LAR 140326 EB 140151		74 89	108 88	130 87	84 87	110 84	109 80	109 88	131 83	115 81	119 83	119 50	65 4.58	78 1.4	116 46	108 19.2	130 12.9	122 127	113 36.6	128 186	111 61	136 -95	108 0.8	106 16.4	115 -17.4	101 -0.8	105 35.0	129 20	132 42	104 1.06	94 -0.96	105 0.32
ZEF 200104 90998618	3	CRV 120095 VV 100364		118 91	110 91	97 90	90 90	105 88	118 83	113 91	133 88	123 84	121 88	112 39	119 -0.98	140 -6.9	110 37	110 20.4	97 2.9	102 78	115 38.5	131 195	104 45	125 -78	88 -0.3	112 19.7	92 -4.3	113 -2.9	109 37.3	113 7	119 30	123 2.98	101 0.13	105 0.35
ZEF 200110 91878181	1	ZEF 170077 ZEF 180164		87 92	122 91	47 90	82 90	135 88	101 83	93 91	107 88	101 84	104 88	124 56	82 2.83	115 -3.7	125 59	122 26.6	47 -12.6	67 -7	124 46.1	106 100	117 76	111 -55	89 -0.3	94 9.1	108 -13.8	142 -8.1	112 39.2	118 11	116 28	110 1.71	91 -1.42	57 -3.67
ZEF 200112 90998667	4	ZEF 170116 ZEF 140120		88 90	119 90	107 88	95 88	121 86	126 82	121 89	124 86	128 83	125 86	106 32	91 1.94	88 0.0	103 27	119 25.3	107 5.7	121 125	121 44.2	127 182	94 21	119 -68	112 1.0	121 25.5	123 -22.1	113 -2.9	104 34.2	123 15	123 34	129 3.60	117 2.70	90 -0.89
ZEF 200121 90998741	1	CRV 120095 ZEF 120099		117 92	103 91	87 91	95 91	108 88	107 83	100 91	105 88	107 84	99 88	101 25	116 -0.65	114 -3.5	105 29	103 16.8	87 -0.4	89 48	110 33.5	106 101	104 46	105 -45	115 1.2	119 23.9	91 -4.2	117 -3.7	105 34.6	97 -5	95 9	89 -0.46	78 -3.42	96 -0.43
ZEF 200126 90998782	3	ZEF 160062 ZEF 150109		102 92	119 92	100 90	87 90	87 89	110 84	119 91	111 88	110 85	116 88	114 42	102 0.73	106 -2.4	114 42	119 25.1	100 3.8	110 97	115 38.2	117 142	106 49	122 -73	118 1.3	121 25.4	99 -8.7	82 2.6	101 32.4	124 16	121 33	126 3.26	131 4.99	75 -2.15
ZEF 200127 90998790	2	ZEF 170139 ZEF 160008		108 74	117 73	95 71	103 72	110 45	126 62	122 72	114 40	125 58	121 46	97 19	110 -0.04	98 -1.3	96 16	117 24.0	95 2.3	114 108	117 40.1	110 118	98 30	111 -55	74 -1.1	88 5.8	113 -16.6	97 -0.1	116 41.7	115 8	120 32	112 1.86	109 1.45	115 1.22
ZEF 200133 90998501	2	ZEF 170139 ZEF 160009		91 91	117 90	104 89	102 89	88 87	109 82	120 90	106 86	109 83	111 87	105 30	94 1.62	87 0.2	96 16	117 24.1	104 5.0	123 128	110 33.9	105 98	89 10	110 -53	88 -0.3	96 10.6	107 -12.9	70 4.9	116 41.3	109 4	113 26	101 0.77	99 -0.13	102 0.11

Breeding Values and Accuracies: Cows & Heifers

Value <80 Value >120

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Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass		
ID	Inbreeding	Genomic	Index	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
Animal no	%	Parentage	EBV Acc																															
ZEF 200138 90998832	1	CRV 120095 WVW 120088		120 93	99 92	109 92	96 91	129 89	128 84	107 92	111 89	126 85	107 89	105 30	120 -1.07 93	113 -3.4 92	102 24	99 14.3	109 6.5	106 87	107 31.1	117 142	108 55	106 -47	87 -0.4	105 15.7	115 -17.4	127 -5.5 88	113 39.9	109 4	105 18	105 1.17	89 -1.69	104 0.23
ZEF 200144 91878140	1	ZEF 170077 ZEF 180144		110 90	126 89	113 88	80 87	121 86	145 81	139 89	122 86	144 82	121 86	126 58	107 0.28	119 -4.1	122 55	99 29.1	113 7.7	121 124	125 47.7	128 185	97 30	118 -67	109 0.8	117 22.7	109 -14.4	116 -3.5	115 41.1	113 8	118 29	132 3.92	102 0.39	71 -2.50
ZEF 200149 90998899	1	CRV 120095 WVW 070034		95 92	116 91	113 90	85 90	114 88	123 83	119 91	117 88	123 84	119 88	116 45	95 1.53	105 -2.2	116 46	116 23.3	113 7.7	116 111	122 44.5	120 156	110 61	111 -55	123 1.6	135 34.0	96 -7.1	123 -4.8 86	108 36.8	96 -6	108 21	126 3.26	93 -1.04	131 2.54
ZEF 200163 90999004	1	CRV 120095 ZEF 120148		87 92	114 91	98 91	85 91	88 89	95 84	106 91	117 88	99 85	112 88	119 49	88 2.18	98 -1.4	116 46	114 22.5	98 3.0	102 79	117 40.5	120 155	100 35	117 -65	112 1.0	114 21.0	79 2.9	96 0.1	103 33.3	116 9	106 19	110 1.64	82 -2.77	118 1.44
ZEF 200166 92012517	2	ZEF 160062 ZEF 150075		121 92	109 92	99 91	109 91	103 89	123 84	120 92	106 88	121 85	108 88	87 6	121 -1.18	107 -2.6	90 7	109 19.7	99 3.4	114 106	107 31.5	108 109	95 23	99 -35	121 1.5	96 10.2	101 -9.8	103 -1.2	101 32.6	108 3	116 28	125 3.22	117 2.67	53 -4.01
ZEF 200168 90999038	3	ZEF 170116 VV 140102		104 89	118 89	115 87	105 88	116 86	139 81	134 89	128 86	141 82	131 85	98 20	100 1.00	108 -2.7	92 10	118 24.6	115 8.4	136 161	123 45.6	134 208	106 51	139 -101	85 -0.5	137 35.1	123 -22.4	98 -0.2	114 40.1	126 18	129 40	105 1.17	137 5.88	109 0.71
ZEF 200180 90999558	2	ZEF 170116 ZEF 160183		107 90	102 90	109 89	105 89	115 86	120 82	111 90	105 86	118 83	109 86	99 22	107 0.28	102 -1.9	93 11	102 16.1	109 6.6	115 109	110 33.7	112 125	110 61	123 -75	93 -0.1	131 31.6	125 -23.2	105 -1.4	105 34.7	111 6	116 28	97 0.43	112 1.93	87 -1.17
ZEF 200184 90999483	1	ZEF 170116 ZEF 140026		112 89	99 89	116 88	122 89	135 86	139 81	118 89	114 86	136 82	114 86	89 8	111 -0.17	100 -1.5	81 -6	99 14.4	116 8.6	126 137	106 30.5	122 161	91 15	132 -89	105 0.6	128 29.8	139 -31.2	117 -3.6	111 38.8	123 15	117 29	98 0.45	118 2.91	104 0.29
ZEF 200187 90999582	2	ZEF 170116 ZEF 140144		92 90	118 90	119 89	90 89	108 87	126 82	127 90	115 87	125 83	124 87	117 46	88 2.19	106 -2.4	109 36	118 24.8	119 9.7	127 139	119 42.0	113 129	109 58	101 -38	110 0.9	113 20.7	110 -14.8	107 -1.9	99 31.2	110 5	115 27	104 1.09	125 4.00	94 -0.61
ZEF 200231 91875351		ZEF 170077 ZEF 180100		103 90	128 90	91 89	92 89	127 87	139 82	131 90	116 86	137 83	116 87	114 43	99 1.11	117 -3.9	108 33	128 30.2	91 0.9	114 107	124 46.1	113 129	103 44	105 -45	101 0.4	98 11.7	121 -21.1	114 -3.1	116 41.8	99 -4	118 30	118 2.46	91 -1.38	54 -3.94
ZEF 200263 91875823	1	ZEF 170077 ZEF 180068		101 90	134 90	60 89	91 89	111 87	119 82	120 90	94 87	114 83	107 87	120 50	101 0.90	131 -5.8	112 39	134 33.1	60 -8.5	92 54	120 42.8	86 28	96 26	79 -3	129 1.9	77 -1.2	114 -17.1	104 -1.3	107 36.2	92 -9	101 14	104 1.04	94 -0.96	53 -4.01
ZEF 200270 91875781	2	ZEF 160062 ZEF 170122		96 91	134 91	148 90	76 90	98 88	151 83	152 91	133 87	152 84	145 88	130 64	97 1.30	106 -2.4	125 59	134 33.4	148 18.6	153 200	135 56.4	133 205	113 66	129 -85	103 0.5	144 39.1	90 -3.4	97 -0.1	111 38.4	138 27	148 56	147 5.45	124 3.85	84 -1.42

Breeding Values and Accuracies: Cows & Heifers

Value <80 Value >120

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Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass		
ID Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
			Sire ID Dam ID																															
ZEF 200274 91876052	2	 ZEF 160062  VV 150001		117 90	99 90	138 89	89 90	83 87	114 82	119 90	94 87	110 83	97 86	113 41	114 -0.51	118 -4.0	108 34	99 14.5	138 15.3	126 136	103 27.7	100 81	104 46	108 -51	114 1.1	112 19.8	89 87	85 85	101 32.4	107 3	111 24	96 0.28	106 0.93	53 -4.01
ZEF 200275 91875849	3	 ZEF 160062  ZEF 150105		78 90	134 90	128 88	75 89	83 86	122 82	145 89	126 86	125 83	140 86	131 65	81 2.94	97 -1.1	128 64	134 33.5	128 12.3	135 159	135 56.1	125 173	132 112	123 -74	78 -0.9	142 37.9	94 -5.9	78 3.5	101 32.3	131 22	140 49	134 4.07	133 5.29	78 -1.92
ZEF 210042 92882430	1	 ZAK 170014  BTM 190002		89 90	102 89	107 88	97 89	88 86	92 81	99 89	113 86	95 82	117 86	103 28	94 1.63	85 0.4	101 23	102 16.1	107 6.0	108 93	104 28.3	99 76	122 89	93 -25	70 -1.4	91 7.4	78 3.4	92 0.9	112 39.1	105 1	100 14	100 0.73	130 4.85	139 3.20
ZEF 210051 92882604	5	AG 190016 AG 150021		129 72	87 71	79 60	125 48	100 42	97 56	90 66	70 26	90 50	69 26	79 -4	124 -1.57	124 -4.9	81 -7	87 7.9	79 -2.6	78 20	87 12.9	78 -3	81 -11	87 -16	99 0.3	106 16.2	107 -13.3	94 0.5	102 33.2	84 -15	76 -8	70 -2.36	84 -2.45	87 -1.20
ZEF 210055 92882638	5	 AG 190016  AG 160049		113 91	102 91	56 89	105 89	126 87	100 83	86 90	73 86	93 84	85 86	87 6	109 0.06	121 -4.4	95 15	102 16.0	56 -9.8	65 -10	103 27.3	80 5	101 38	87 -15	99 0.3	94 9.4	130 -26.0	123 -4.7	94 28.2	91 -11	87 2	77 -1.66	104 0.60	105 0.33
ZEF 210097 92882927	4	 AG 190040  AG 180135		80 88	93 88	101 86	104 85	84 85	73 80	84 87	75 84	69 81	83 84	86 5	77 3.35	87 0.1	94 13	93 10.8	101 4.1	97 66	92 17.8	73 -21	85 0	66 19	97 0.2	98 11.6	92 -4.3	83 2.5	100 31.5	82 -17	77 -7	94 0.10	93 -1.10	80 -1.79
ZEF 210107 92882992	1	 CRV 180044  VV 160358		88 90	106 90	101 88	96 89	111 86	104 82	101 90	103 86	103 83	99 86	111 39	87 2.29	97 -1.2	103 27	106 18.0	101 3.9	104 83	101 26.1	111 120	105 49	98 -34	108 0.8	77 -0.9	128 -25.3	99 -0.4	97 30.1	88 -13	97 11	122 2.93	102 0.42	99 -0.13
ZEF 210113 92883040	1	 CRV 180033  ZEF 120111		83 91	103 90	113 89	87 89	73 87	82 82	99 90	112 86	86 83	102 86	111 38	63 4.80	96 -1.1	113 40	103 16.7	113 7.7	107 90	104 28.3	121 159	105 48	111 -54	101 0.4	109 18.3	84 0.0	71 4.7	105 34.8	117 10	108 20	92 -0.16	90 -1.50	93 -0.67
ZEF 210121 92888023	4	 ZEF 180125  VV 170152		79 91	129 91	112 90	82 90	91 87	116 83	131 91	120 88	118 84	125 87	124 56	74 3.69	96 -1.1	119 50	129 30.7	112 7.3	124 132	129 51.0	119 151	111 61	114 -59	70 -1.3	121 25.4	95 -6.0	87 1.7	107 36.2	95 -7	119 30	126 3.26	96 -0.56	90 -0.94
ZEF 210122 92888031		 ZEF 180121  ZEF 130065		107 91	84 91	115 90	102 90	115 88	102 83	88 91	103 88	102 84	97 88	93 14	107 0.22	102 -1.9	95 15	84 6.4	115 8.3	101 75	92 18.1	101 83	89 9	112 -56	103 0.5	97 10.8	108 -13.4	109 -2.2	120 44.1	99 -4	95 10	102 0.85	107 1.17	97 -0.35
ZEF 210125 92888056	7	 ZEF 180125  ZEF 170001		94 90	132 90	99 89	88 89	109 87	132 82	135 90	144 86	138 83	142 86	124 55	93 1.67	125 -5.0	113 41	132 32.4	99 3.5	121 125	136 57.2	144 244	130 107	148 -116	77 -0.9	139 36.1	108 -13.6	100 -0.5	112 38.9	118 11	140 49	139 4.62	109 1.40	98 -0.26
ZEF 210128 92888072		 BBM 150029  ZEF 180189		106 90	107 90	124 89	90 90	83 87	110 82	119 90	114 87	112 83	111 87	115 43	105 0.49	110 -3.0	108 34	107 18.8	124 11.1	122 127	104 28.3	121 159	81 -11	127 -82	126 1.7	131 31.6	78 3.4	93 0.7	97 30.1	114 8	124 35	116 2.32	75 -3.91	99 -0.12

Breeding Values and Accuracies: Cows & Heifers

Value <80 Value >120

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Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass		
ID Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thickn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
			Sire ID Dam ID																															
ZEF 210131 92888098	1	  CRV 170257 ZEF 190209		88 90	130 91	94 89	81 89	111 87	122 82	126 90	125 87	125 83	126 87	126 59 89	92 1.77 91	96 -1.1 89	123 55 89	130 31.2 91	94 1.9 89	110 98 90	128 49.8 90	128 186 88	110 59 86	124 -75 86	91 -0.2 88	126 28.2 88	116 -18.2 87	100 -0.5 86	111 38.3 88	123 15 88	131 42 88	79 -1.45 87	98 -0.35 87	126 2.15 87
ZEF 210136 92888148	2	  ZEF 180121 VV 140024		113 91	85 91	82 90	116 90	86 88	78 83	81 91	65 87	72 84	64 87	82 -1 90	110 -0.08 92	122 -4.6 90	85 0 90	85 7.0 91	82 -1.7 90	77 18 90	80 6.7 90	72 -26 88	90 12 87	76 2 86	101 0.4 89	94 9.2 89	102 -10.4 88	82 2.7 86	96 29.3 89	78 -21 88	71 -12 88	101 0.74 87	98 -0.24 87	79 -1.83 87
ZEF 210140 92888189	1	  BBM 150029 ZEF 180122		103 91	98 90	116 89	97 90	75 87	91 82	103 90	105 87	93 83	98 87	102 27 89	104 0.56 91	100 -1.6 90	101 23 90	98 13.7 90	116 8.5 89	111 99 90	100 25.0 90	106 102 88	90 12 86	109 -51 86	108 0.7 88	128 29.4 88	83 0.7 87	76 3.8 86	102 33.2 88	114 8 88	109 21 88	103 1.03 87	89 -1.65 87	80 -1.80 87
ZEF 210160 92888346	1	  CRV 170257  ZEF 190098		109 90	115 90	102 88	81 89	91 87	110 82	118 90	113 86	111 83	119 87	120 51 88	109 0.03 91	113 -3.3 89	122 55 89	115 23.1 90	102 4.4 88	104 83 89	112 35.4 90	118 149 87	90 11 85	121 -71 85	88 -0.3 88	127 29.0 88	90 -3.6 87	95 0.4 85	102 32.7 88	110 5 88	120 31 87	91 -0.19 87	88 -1.90 87	121 1.68 87
ZEF 210164 92888379	1	  ZEF 180125 ZEF 130133		76 91	126 91	112 90	80 90	108 87	119 83	126 91	136 87	124 84	127 87	122 53 89	63 4.85 91	85 0.5 90	122 55 90	126 29.1 91	112 7.6 90	121 124 90	129 50.8 90	137 221 87	104 46 86	149 -116 86	107 0.7 88	141 37.2 88	100 -9.1 87	104 -1.3 86	113 39.5 88	137 26 88	141 50 87	137 4.36 87	84 -2.42 87	53 -4.01 87
ZEF 210166 92888395	2	  ZEF 190005  ZEF 140157		90 89	121 89	99 88	78 88	98 86	107 81	117 89	115 85	109 82	120 86	131 65 88	89 2.11 90	107 -2.5 88	126 60 88	121 26.0 89	99 3.4 88	104 84 88	122 45.1 88	128 184 86	124 93 84	121 -71 84	116 1.2 87	108 17.5 87	98 -7.8 86	95 0.3 84	110 37.7 87	112 7 87	127 38 86	110 1.70 85	127 4.27 86	79 -1.82 85
ZEF 210181 92925361	2	  ZEF 180121  CRV 110376		87 89	106 89	86 88	89 88	101 85	87 81	90 89	114 85	91 82	97 85	104 29 87	86 2.42 90	99 -1.5 88	112 39 88	106 18.0 89	86 -0.6 88	88 44 88	107 30.8 88	109 114 86	117 76 84	107 -48 84	81 -0.7 87	95 10.0 86	121 -21.1 85	87 1.7 84	102 32.7 86	88 -13 86	90 5 86	125 3.23 85	95 -0.72 85	92 -0.74 85
ZEF 210187 92925403	1	  BBM 150029 ZEF 180050		107 90	94 90	106 89	95 89	85 87	89 82	93 90	101 86	89 83	91 87	99 22 89	107 0.24 91	104 -2.2 89	104 28 89	94 11.5 90	106 5.4 89	97 66 89	91 17.2 90	106 103 87	80 -13 86	118 -66 85	117 1.3 88	104 15.2 88	89 -3.1 87	86 1.9 86	104 33.9 88	111 6 88	103 16 87	97 0.42 87	97 -0.43 87	65 -3.06 87
ZEF 210196 92925460	2	  CRV 170257 ZEF 190039		92 91	127 91	75 90	78 90	124 88	117 83	115 91	124 88	119 84	122 88	136 73 90	91 1.95 92	109 -2.8 90	128 64 90	127 29.3 91	75 -3.8 90	91 51 90	123 45.8 91	128 186 89	98 31 87	123 -75 87	85 -0.5 89	116 22.4 89	123 -22.3 88	111 -2.5 87	114 40.3 89	120 13 89	128 39 89	104 1.08 88	108 1.37 89	122 1.80 88
ZEF 210200 92925486	1	  CRV 180033  VVVV 070034		105 89	95 90	106 88	101 88	107 85	103 81	98 89	83 85	98 82	88 85	92 12 88	100 1.00 90	112 -3.2 88	97 17 88	95 12.4 90	106 5.7 88	103 80 89	97 22.1 88	86 27 84	111 61 84	95 -29 84	109 0.8 87	111 19.6 87	95 -6.1 85	108 -2.0 84	114 40.4 87	82 -17 86	83 -1 86	98 0.46 85	93 -1.11 85	106 0.47 85
ZEF 210211 92925585	2	  ZEF 160062 ZEF 150138		90 91	131 91	120 90	75 90	112 88	136 83	141 91	147 88	142 84	148 88	126 59 89	90 2.00 91	106 -2.4 90	129 65 90	131 31.8 91	120 9.8 90	126 137 90	136 57.1 90	143 241 88	130 107 86	136 -96 87	110 0.9 89	136 34.3 89	109 -14.2 88	102 -0.9 86	116 41.3 89	128 19 88	137 47 88	147 5.45 87	126 4.18 88	97 -0.28 87
ZEF 210217 92925627	8	  ZEF 170076 ZEF 170004		106 90	141 89	77 88	79 89	124 86	141 81	138 89	144 86	146 82	147 86	132 66 88	111 -0.13 90	106 -2.3 89	127 61 89	141 37.0 89	77 -3.5 88	104 83 89	142 62.7 89	142 239 86	101 38 85	127 -80 86	91 -0.2 87	135 33.9 87	123 -22.2 86	107 -1.7 84	121 44.7 87	112 6 87	134 44 86	111 1.79 86	116 2.56 86	117 1.40 86

Breeding Values and Accuracies: Cows & Heifers

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass		
ID Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
ZEF 210225 92925684	1	 CRV 180044  ZEF 160167		82 89	107 89	104 88	85 89	97 86	93 81	99 89	105 85	94 82	100 86	121 51 87	82 2.89 90	99 -1.4 89	116 46 89	107 18.9 89	104 4.9 88	101 77 89	107 31.6 88	105 98 86	110 59 84	107 -48 84	112 1.0 87	82 2.0 87	89 -2.8 86	99 -0.4 84	107 36.2 87	102 -1 87	101 14 86	120 2.64 85	110 1.67 86	113 1.04 85
ZEF 210241 92925825	5	 AG 160138  AG 110152		115 90	106 90	100 88	86 89	78 86	97 82	108 90	98 86	96 83	100 85	119 49 88	111 -0.16 91	121 -4.5 89	116 45 89	106 18.4 90	100 3.8 88	98 69 89	103 27.8 90	98 70 87	106 50 85	97 -32 85	141 2.6 88	72 -3.9 88	82 1.1 86	78 3.4 85	102 33.3 88	94 -7 87	102 15 87	99 0.62 85	93 -1.12 85	89 -0.99 85
ZEF 210262 92965607	2	 ZEF 160062  ZEF 150130		128 90	115 89	110 88	84 88	116 86	140 81	128 89	116 86	138 82	127 87	124 56 88	127 -1.87 91	123 -4.7 89	117 47 88	115 23.2 89	110 6.8 88	112 103 88	120 42.6 88	120 155 87	124 93 85	104 -43 86	96 0.1 88	118 23.3 88	119 -19.7 86	106 -1.6 85	109 37.1 88	104 0 88	120 31 87	122 2.87 87	138 6.00 87	89 -1.02 87
ZEF 210272 92956671	1	 CRV 180044  VV 160416		102 90	120 90	99 89	85 90	103 87	119 82	122 90	108 87	118 83	124 88	122 53 88	98 1.20 91	116 -3.8 90	117 46 90	120 25.9 90	99 3.3 89	108 94 90	122 44.4 89	109 113 88	102 42 86	116 -63 86	115 1.1 89	117 22.7 89	88 -2.4 87	98 -0.2 86	128 49.1 88	95 -7 88	111 23 88	121 2.79 87	129 4.66 88	144 3.65 87
ZEF 220002 93764710	1	 BBM 180016  ZEF 200011		100 90	110 89	101 89	88 89	103 87	108 82	109 89	87 87	104 83	99 87	108 34 89	96 1.44 89	117 -3.9 89	112 40 89	110 20.2 89	101 4.1 89	104 82 89	106 30.4 88	92 48 88	121 86 86	96 -30 86	114 1.1 88	95 9.6 88	101 -9.8 87	101 -0.7 86	104 34.3 88	106 2 88	108 21 88	94 0.12 87	89 -1.66 87	111 0.89 87
ZEF 220034 93764744	2	 CEF 160402  ZEF 130082		117 92	107 91	98 90	94 90	114 88	121 83	111 91	112 88	120 84	113 88	106 31 90	114 -0.47 92	117 -3.9 91	105 30 90	107 18.8 91	98 3.3 90	102 79 90	109 33.0 90	112 126 88	112 65 87	109 -51 87	84 -0.6 89	118 23.6 88	114 -17.3 88	103 -1.1 86	113 39.5 89	98 -5 88	109 22 88	106 1.31 87	122 3.48 88	114 1.12 87
ZEF 220040 93766426	3	 ZEF 190005  VV 150013		87 91	113 90	104 89	83 89	116 87	111 82	107 90	122 87	114 83	124 87	125 57 89	93 1.70 91	91 -0.4 90	119 51 89	113 21.7 90	104 5.1 89	105 85 89	118 41.5 89	117 143 87	116 73 86	101 -39 86	130 2.0 88	99 12.0 88	119 -19.8 87	103 -1.1 86	119 43.5 88	90 -11 88	108 20 87	126 3.28 87	143 6.92 87	115 1.24 87
ZEF 220057 93832335	2	 ZEF 190005  CRV 110212		74 90	118 90	104 88	79 87	96 86	98 81	110 89	118 86	102 82	113 86	121 51 87	61 5.08 90	81 0.9 88	125 58 87	118 24.7 90	104 5.1 88	107 90 88	117 40.0 88	128 185 87	92 16 85	115 -61 85	115 1.1 88	92 8.3 88	89 -2.6 86	99 -0.4 85	105 34.7 88	104 0 87	123 34 87	108 1.49 86	98 -0.27 87	100 -0.10 86
ZEF 220066 94688009	1	 BBM 180016  ZEF 200075		94 91	120 91	95 89	90 89	130 87	128 83	117 90	123 88	129 84	120 88	114 42 88	91 1.95 91	108 -2.7 90	110 37 89	120 25.7 91	95 2.1 89	108 93 90	117 40.6 89	121 158 88	96 26 86	107 -48 87	125 1.7 89	110 19.0 88	130 -26.4 88	120 -4.2 86	105 35.1 88	102 -2 88	108 21 88	109 1.58 87	115 2.37 88	111 0.86 87
ZEF 220076 94711439	1	 V 170167  ZEF 120148		133 91	82 91	87 90	108 89	134 88	110 83	81 90	75 87	102 84	92 87	86 5 88	137 -2.86 91	118 -4.1 90	91 9 89	82 4.9 91	87 -0.2 90	75 13 90	84 10.6 90	81 9 88	101 39 86	76 3 86	102 0.4 89	90 6.8 89	137 -30.2 88	116 -3.5 86	115 40.7 89	89 -12 88	87 2 88	83 -1.04 87	133 5.27 87	110 0.74 87
ZEF 220081 94688074	1	 BBM 180016  AG 130567		99 89	105 89	78 87	101 87	102 86	94 81	94 88	80 86	89 82	95 86	91 12 87	97 1.25 90	103 -2.0 88	99 20 87	105 17.4 89	78 -2.9 87	86 40 88	97 22.7 88	80 2 86	93 18 85	73 7 85	111 0.9 87	102 14.1 87	90 -3.5 86	113 -2.9 84	98 30.2 87	77 -21 87	81 -4 86	102 0.89 85	103 0.59 86	112 0.93 85
ZEF 220083 94688090	1	 BBM 180016  AG 150021		116 91	95 91	91 89	111 89	111 88	107 83	98 90	78 88	101 84	73 88	90 9 88	112 -0.26 91	119 -4.2 90	88 5 89	95 12.3 91	91 1.0 89	94 58 90	94 19.2 90	87 29 88	101 38 87	90 -21 87	113 1.0 89	115 21.6 89	114 -17.0 88	106 -1.6 87	104 34.1 89	96 -6 89	88 3 88	71 -2.24 88	82 -2.82 88	78 -1.91 88

Breeding Values and Accuracies: Cows & Heifers

Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass			
ID Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
ZEF 220087 94688108	1	 CEF 160402 AG 150762			97 91	105 90	98 89	92 88	79 87	88 82	99 90	100 88	89 83	91 87	103 27	100 1.02	96 -1.1	108 33	105 17.7	98 3.2	99 72	104 28.3	107 105	76 -23	99 -36	97 0.2	101 13.4	93 -5.1	74 4.1	98 30.7	81 -18	93 8	90 -0.34	83 -2.67	80 -1.75
ZEF 220089 95213971	1	ZEF 190201 BTM 190002			106 69	108 71	106 57	91 46	102 36	112 54	112 65	113 32	113 50	122 40	107 33	102 0.80	114 -3.5	108 34	108 19.4	106 5.7	108 93	108 32.4	111 119	113 68	105 -45	107 0.7	104 14.9	94 -5.7	101 -0.7	114 40.2	118 11	118 29	103 0.99	136 5.74	93 -0.64
ZEF 220091 94711447	2	 V 170167 ZEF 130130			120 92	96 91	94 90	106 89	140 88	125 83	99 91	80 88	117 84	99 88	94 16	117 -0.79	126 -5.1	92 11	96 12.7	94 1.8	95 60	94 19.3	91 46	96 26	94 -27	109 0.8	115 21.9	141 -32.7	122 -4.4	116 41.5	104 0	100 14	97 0.34	132 5.13	90 -0.89
ZEF 220096 94738192	2	 ZEF 200021 ZEF 200087			115 90	90 90	93 88	105 88	124 86	106 82	88 89	101 86	105 83	92 86	94 15	114 -0.45	107 -2.6	94 13	90 9.4	93 1.5	87 42	95 20.2	103 89	89 10	100 -36	111 0.9	88 5.5	128 -25.2	108 -2.0	118 42.9	92 -9	98 12	113 1.95	102 0.42	78 -1.91
ZEF 220102 94711454	1	 V 170167 ZEF 120099			130 91	81 91	99 90	108 89	111 87	101 83	85 90	74 87	94 84	81 87	88 8	130 -2.15	114 -3.5	91 8	81 4.4	99 3.5	85 38	86 12.5	77 -8	102 40	77 1	103 0.5	83 2.8	108 -13.9	109 -2.2	101 32.6	99 -4	91 5	76 -1.70	105 0.77	71 -2.51
ZEF 220106 94688132	1	 BBM 180016 AG 160049			101 91	103 91	72 90	106 89	115 88	98 83	91 90	76 88	92 84	90 88	94 15	103 0.71	132 -5.9	93 12	103 16.6	72 -4.7	82 30	97 22.3	81 9	104 46	84 -11	106 0.7	99 12.1	111 -15.5	117 -3.7	94 28.1	84 -15	92 7	111 1.81	111 1.76	108 0.58
ZEF 220109 94738267	2	ZEF 200021 ZEF 200127			114 68	103 67	93 49	101 49	119 38	116 52	104 62	107 32	115 48	105 39	100 23	114 -0.43	108 -2.7	98 18	103 16.4	93 1.6	98 68	107 31.3	109 112	100 37	111 -54	87 -0.4	93 8.7	121 -20.8	105 -1.5	117 41.9	105 1	110 22	110 1.64	116 2.53	111 0.87
ZEF 220122 94711470	1	V 170167 ZEF 140113			115 70	91 71	85 59	110 56	138 43	113 57	88 67	70 38	104 53	91 34	89 8	112 -0.24	122 -4.6	89 6	91 10.1	85 -0.9	83 33	92 17.9	76 -11	97 28	79 -3	93 0.0	94 9.0	136 -29.6	129 -5.8	104 34.4	97 -6	93 7	92 -0.10	134 5.47	84 -1.43
ZEF 220124 94738341	2	 ZEF 200021 ZEF 200101			99 89	111 89	98 87	92 88	134 85	125 81	108 89	106 86	122 82	97 86	106 32	100 0.99	101 -1.8	108 34	111 20.6	98 3.2	104 83	109 32.7	113 130	96 26	116 -63	109 0.8	105 15.7	130 -26.2	120 -4.1	122 45.0	109 4	115 27	110 1.72	107 1.21	70 -2.57
ZEF 220133 94738374	2	 ZEF 190005 VV 090052			108 90	85 90	112 88	102 87	115 87	102 82	88 89	91 86	98 83	95 87	94 15	108 0.14	102 -1.8	95 15	85 6.9	112 7.4	99 71	91 16.8	96 64	101 39	103 -42	120 1.4	93 8.3	104 -11.5	116 -3.5	110 38.0	94 -8	102 16	89 -0.38	141 6.50	92 -0.77
ZEF 220134 94738382	1	BBM 150029 ZEF 160076			123 71	94 71	98 63	108 53	106 42	110 57	101 67	95 31	107 52	92 40	90 10	118 -0.94	121 -4.4	91 8	94 11.8	98 3.2	98 68	88 14.4	98 73	77 -20	98 -34	107 0.7	110 18.8	117 -19.0	95 0.3	106 35.7	106 1	100 14	98 0.45	95 -0.76	95 -0.49
ZEF 220136 94687951	2	 EB 200003 AG 171068			86 89	123 89	81 87	84 86	98 85	100 81	111 88	115 86	103 82	118 86	113 41	82 2.88	108 -2.7	119 50	123 27.2	81 -2.0	96 63	125 47.8	117 142	112 65	110 -53	116 1.2	125 27.5	82 1.4	100 -0.5	116 41.7	115 9	120 31	98 0.51	112 2.03	137 3.03

Breeding Values and Accuracies: Cows & Heifers

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass		
ID Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -brth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
			Sire ID Dam ID																															
ZEF 220139 95213989	1	ZEF 190201 BTM 190021		90 67	108 70	112 47	92 45	110 36	112 52	109 62	110 31	112 48	121 38	108 34 45	92 1.80 73	94 -0.8 54	106 32 45	108 19.4 70	112 7.3 47	114 106 54	113 36.7 58	109 113 38	108 54 8	103 -41 21	127 1.8 46	102 13.9 44	109 -14.4 43	108 -2.0 18	106 35.2 47	105 1 43	115 27 38	118 2.48 35	142 6.63 40	76 -2.08 36
ZEF 220152 95201398	2	MCU 190237 ZEF 190085		123 90	101 89	88 88	100 87	127 87	120 81	102 89	100 86	117 82	97 86	100 24 87	120 -1.12 90	130 -5.6 88	99 20 87	101 15.4 89	88 0.0 88	91 52 88	96 21.0 88	103 90 86	91 14 85	109 -51 85	101 0.4 87	119 24.3 87	102 -10.1 87	126 -5.3 85	122 45.0 88	81 -18 87	101 15 87	99 0.60 86	103 0.51 86	115 1.19 86
ZEF 220154 94738440	3	ZEF 200021 ZEF 200166		125 89	104 89	103 88	107 89	117 86	130 81	117 89	98 86	125 82	94 86	93 14 88	120 -1.13 90	123 -4.7 89	91 9 89	104 17.0 89	103 4.8 88	112 102 89	102 26.5 88	102 88 86	86 2 85	109 -52 85	99 0.3 87	104 15.5 87	110 -14.6 87	110 -2.3 85	119 43.2 87	107 2 87	110 22 86	111 1.80 86	109 1.41 86	61 -3.34 86
ZEF 220157 94738457	1	BBM 150029 VV 170031		113 72	94 73	88 63	104 70	101 43	94 60	89 71	94 38	93 56	93 43	93 15 67	114 -0.51 76	102 -1.9 68	95 14 70	94 11.5 73	88 -0.1 63	86 39 69	93 18.8 62	101 83 48	89 10 14	107 -48 26	100 0.3 54	103 14.8 52	99 -8.5 51	102 -1.0 24	104 34.4 55	94 -8 52	100 13 48	101 0.77 41	99 -0.16 45	97 -0.33 42
ZEF 220163 94687977	1	BBM 180016 AG 120254		91 91	110 91	97 90	90 90	104 88	103 83	104 91	93 88	100 84	99 88	113 41 90	91 1.88 92	100 -1.5 90	110 37 90	110 20.5 90	97 2.9 90	102 78 90	110 33.7 90	93 54 87	94 22 87	101 -39 87	120 1.4 89	107 17.3 89	103 -11.0 88	108 -2.0 86	95 28.7 89	112 6 88	107 20 88	90 -0.29 87	93 -1.05 88	109 0.71 87
ZEF 220164 94739026	1	CRV 170257 VV 140030		83 90	111 90	69 88	95 89	113 87	91 82	88 90	113 86	94 83	91 86	102 25 88	91 1.90 91	78 1.4 89	106 30 89	111 20.9 90	69 -5.9 88	81 28 89	108 31.7 89	116 141 87	115 71 85	135 -93 85	79 -0.8 88	90 7.0 88	114 -16.9 87	105 -1.4 85	109 36.9 88	101 -3 88	105 18 87	84 -0.96 86	77 -3.54 87	115 1.21 86
ZEF 220165 95201380	1	BBM 180016 AG 150882		85 90	107 90	98 88	97 87	67 87	79 82	101 89	80 86	76 83	87 86	108 34 87	84 2.61 91	94 -0.8 89	102 25 87	107 18.8 90	98 3.1 88	104 82 88	103 27.9 88	80 5 87	104 46 86	73 8 85	128 1.9 88	105 15.9 87	75 5.0 87	74 4.1 85	92 26.7 88	89 -12 87	88 3 87	92 -0.09 86	89 -1.76 87	97 -0.30 86
ZEF 220168 94739034	1	ZEF 200021 ZEF 200163		116 89	92 89	95 88	98 89	103 86	96 81	90 89	91 86	94 82	88 86	105 30 88	112 -0.24 90	117 -3.9 89	100 23 89	92 10.5 89	95 2.2 88	88 44 89	94 19.3 88	101 84 86	91 14 85	111 -54 85	107 0.7 87	104 15.4 87	98 -7.8 87	105 -1.4 85	106 35.3 87	96 -6 87	93 7 86	112 1.93 86	108 1.35 86	114 1.13 86
ZEF 220169 94697620	1	BBM 180016 AG 140273		84 91	105 91	85 90	104 89	94 88	86 83	94 91	84 88	83 84	92 88	98 20 89	80 3.03 92	97 -1.1 90	95 14 89	105 17.5 91	85 -1.0 90	94 59 90	100 24.8 90	89 37 88	85 0 87	91 -23 87	135 2.3 89	94 9.4 89	89 -2.7 88	100 -0.6 87	101 32.1 89	92 -9 89	89 4 88	103 1.02 88	94 -0.90 88	110 0.78 88
ZEF 220173 94711587	1	V 170167 ZEF 140198		106 73	95 73	94 66	97 71	120 46	103 61	90 71	91 41	100 57	104 40	101 25 63	103 0.65 76	121 -4.4 69	102 24 71	95 12.1 73	94 1.9 66	89 47 70	97 21.8 65	95 61 52	102 40 16	103 -41 28	108 0.7 57	102 14.1 56	119 -19.8 54	117 -3.6 26	102 33.1 57	106 2 55	102 15 52	97 0.40 39	137 5.89 42	89 -1.00 39
ZEF 220183 94738549	3	ZEF 200021 ZEF 200126		128 90	94 90	87 89	106 88	118 87	112 82	95 90	99 86	109 83	95 87	95 16 87	128 -1.90 91	114 -3.4 89	93 11 88	94 11.7 90	87 -0.3 89	86 40 89	96 21.1 88	110 116 87	84 -3 86	110 -52 86	118 1.3 88	103 14.9 88	122 -21.4 87	105 -1.4 86	115 41.0 88	105 1 88	103 17 87	117 2.36 87	125 3.98 87	95 -0.46 87
ZEF 220187 94738564	2	ZEF 200021 ZEF 200133		103 89	105 90	97 88	97 87	93 86	100 81	103 89	118 86	103 82	115 86	110 37 87	105 0.50 90	99 -1.5 88	102 25 87	105 17.8 90	97 2.7 88	101 76 88	110 34.0 88	121 159 86	99 32 85	117 -65 85	95 0.0 87	98 11.4 87	91 -4.0 87	88 1.6 85	118 42.9 87	110 5 87	116 28 87	110 1.70 86	126 4.11 87	117 1.35 86

Breeding Values and Accuracies: Cows & Heifers

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Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass		
ID Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
			Sire ID Dam ID																															
ZEF 220191 94711736	2	 MCU 190237  ZEF 190088		113 91	105 90	69 89	106 88	118 87	107 82	97 90	98 87	105 83	102 87	93 14 88	108 0.11 91	113 -3.4 89	94 13 88	105 17.7 90	69 -5.6 89	81 28 89	106 30.2 89	105 97 88	96 26 86	106 -47 86	94 0.0 88	112 20.0 88	117 -19.1 88	110 -2.4 86	111 38.2 88	98 -5 88	106 19 88	90 -0.29 87	124 3.81 87	132 2.60 87
ZEF 220209 94738622	1	 ZEF 200021  ZEF 200121		111 88	91 88	100 86	104 86	104 85	99 80	91 87	99 85	98 81	91 85	95 17 86	113 -0.38 89	101 -1.7 87	94 13 86	91 10.1 88	100 3.7 86	94 60 87	100 25.0 87	103 91 85	99 33 84	107 -48 84	107 0.7 86	112 20.1 86	104 -11.6 86	100 -0.6 84	111 38.5 86	93 -8 86	91 6 85	101 0.75 85	93 -1.02 85	105 0.38 85
ZEF 220210 94738630	1	 BBM 150029  ZEF 180002		105 89	108 89	91 87	92 88	113 85	111 81	104 88	93 84	107 82	92 85	112 40 88	104 0.57 89	108 -2.7 88	108 33 88	108 19.3 89	91 1.0 87	96 64 88	101 25.5 88	97 70 85	77 -19 83	110 -53 83	96 0.1 86	107 16.7 86	108 -13.4 85	109 -2.2 83	111 38.7 86	122 14 86	112 25 85	107 1.38 85	79 -3.22 85	74 -2.23 85
ZEF 220212 94711777	2	 MCU 190237  ZEF 190117		96 89	108 89	71 88	103 89	118 86	101 81	94 89	106 86	101 82	106 86	96 18 88	108 1.50 90	98 -1.3 89	96 16 89	108 19.0 89	71 -5.2 88	84 34 89	110 33.6 88	106 104 86	102 40 85	108 -50 85	118 1.3 87	135 33.5 87	100 -9.2 86	120 -4.2 85	118 42.8 87	90 -11 87	97 11 86	97 0.34 86	116 2.65 86	131 2.59 86
ZEF 220213 94711785	3	 MCU 190237  ZEF 190112		98 89	110 89	76 88	94 88	106 86	97 81	95 89	112 86	99 82	107 86	104 29 88	102 0.79 90	94 -0.8 88	107 32 88	110 20.2 89	76 -3.7 88	85 38 88	110 34.3 88	120 154 86	102 40 85	125 -78 85	108 0.8 87	119 24.3 87	91 -3.8 86	110 -2.3 84	110 38.0 87	111 5 87	120 32 86	87 -0.67 85	114 2.27 86	125 2.05 85
ZEF 220217 95339354		 ZEF 200134		94 87	115 87	99 86	92 87	111 84	115 79	112 87	119 84	117 80	119 84	115 44 86	101 0.85 88	88 0.1 87	108 33 87	115 23.0 87	99 3.5 86	109 95 87	120 43.3 86	123 166 84	94 22 83	122 -72 83	117 1.3 85	133 32.3 84	116 -18.4 84	95 0.4 83	121 44.6 85	104 0 84	114 26 84	102 0.86 84	119 3.05 84	118 1.48 84
ZEF 220221 94738689	1	 BBM 150029  ZEF 180182		113 89	93 89	113 88	103 88	99 85	106 81	101 89	117 85	108 82	108 85	99 21 88	116 -0.70 90	97 -1.2 88	95 14 88	93 11.3 89	113 7.9 88	108 94 88	98 23.5 88	124 169 86	87 4 84	120 -69 84	98 0.2 87	133 32.6 87	92 -4.3 86	102 -0.8 84	110 38.1 86	105 1 86	106 19 86	115 2.14 85	88 -1.85 85	92 -0.73 85
ZEF 220229 94740701	1	 CRV 170257  CRV 110150		100 89	129 90	69 88	85 87	107 86	113 81	118 89	119 86	115 82	112 86	115 44 86	95 1.47 90	119 -4.1 88	118 49 87	129 30.5 90	69 -5.9 88	92 53 88	121 43.8 88	126 176 86	94 20 84	129 -84 85	72 -1.2 87	115 21.5 87	108 -13.5 86	100 -0.6 84	108 36.4 87	120 13 87	118 29 86	109 1.58 86	107 1.14 86	113 1.07 86
ZEF 220230 94698867	1	 BBM 180016  AG 160272		121 89	93 89	95 87	135 88	99 86	110 81	107 89	83 85	104 82	86 85	80 -3 88	118 -0.89 90	121 -4.3 88	70 -23 88	93 10.9 89	95 2.2 87	107 90 88	90 16.2 88	92 49 86	92 17 84	104 -43 84	123 1.6 87	125 27.5 87	111 -15.4 86	89 1.5 84	100 31.5 87	88 -13 86	87 2 86	84 -0.93 85	110 1.62 85	106 0.45 85
ZEF 220232 94711645	1	 V 170167  VV 140472		113 90	90 90	101 89	100 88	125 87	108 82	90 90	85 86	103 83	98 86	102 26 87	109 0.07 91	116 -3.7 89	98 20 88	90 9.3 89	101 4.0 89	92 53 89	95 20.7 89	90 41 87	104 46 85	96 -30 85	84 -0.6 88	92 8.2 88	133 -27.6 87	111 -2.5 85	109 36.9 88	106 2 88	98 12 87	103 0.94 86	119 3.07 86	117 1.38 86
ZEF 220236 94711801	1	MCU 190237 ZEF 190196		92 70	123 70	82 59	87 48	112 39	113 55	113 65	132 35	118 51	123 38	114 43 44	90 1.99 74	105 -2.2 59	115 44 48	123 27.4 70	82 -1.8 59	98 70 59	124 46.6 60	138 224 43	104 45 16	133 -92 24	112 1.0 50	129 30.0 48	97 -7.4 49	110 -2.3 21	117 42.3 48	116 10 47	131 41 43	104 1.14 36	115 2.37 40	116 1.25 37
ZEF 220240 94740743	2	 ZEF 200021  ZEF 200104		121 89	102 89	80 88	92 89	112 86	105 81	95 89	107 86	106 82	106 86	108 34 88	119 -0.96 90	120 -4.2 89	108 34 89	102 16.0 89	80 -2.5 88	81 27 89	108 31.8 88	111 122 86	115 71 85	107 -49 85	99 0.2 87	105 16.0 87	102 -10.3 86	112 -2.7 84	114 40.2 87	108 3 86	112 24 86	108 1.49 85	116 2.65 86	87 -1.20 85

Breeding Values and Accuracies: Cows & Heifers

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

Animal				Selection Values											Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass		
ID Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
ZEF 220248 94740776	2	 BBM 150029  ZEF 180164			121 91	90 90	84 89	124 89	109 88	104 82	93 90	97 87	102 83	87 87	84 2 88	123 -1.40 91	100 -1.6 90	81 89	90 9.6 90	84 -1.3 89	85 38 89	90 16.2 89	102 85 88	81 -10 86	111 -55 86	101 0.4 88	105 15.6 88	111 -15.1 88	104 -1.3 86	112 39.2 89	104 0 88	97 11 88	89 -0.45 87	90 -1.59 87	110 0.77 87
ZEF 220254 94740800	1	 BBM 150029  ZEF 170140			112 90	101 90	109 89	93 88	88 87	102 82	107 90	103 86	102 83	97 86	105 31 88	108 0.12 91	116 -3.7 89	105 30 88	101 15.6 90	109 6.4 89	106 87 89	98 22.8 89	102 87 87	94 21 85	111 -54 85	100 0.3 88	100 12.5 88	88 -2.2 87	95 0.3 85	97 29.8 88	109 4 88	106 19 87	109 1.62 86	75 -3.84 86	120 1.62 86
ZEF 220256 94740826		 BBM 150029  ZEF 180189			93 90	96 90	119 88	107 89	76 87	90 82	102 89	107 86	92 83	111 86	97 20 89	97 1.30 90	81 1.0 89	90 7 89	96 12.9 90	119 9.5 88	119 120 89	98 23.2 88	114 131 87	90 11 85	125 -78 85	97 0.1 87	143 38.3 87	76 4.8 87	80 3.0 85	105 34.7 88	97 -6 87	108 21 87	103 1.00 86	106 1.04 86	120 1.61 86
ZEF 220260 94740867	1	 ZEF 200021  ZEF 200161			112 89	92 89	103 87	95 88	115 85	104 81	92 89	110 86	105 82	99 86	107 33 88	107 0.21 90	118 -4.0 88	104 27 88	92 10.7 89	103 4.5 87	93 56 88	102 26.3 88	114 134 86	113 67 84	105 -46 85	111 0.9 87	109 18.3 86	99 -8.8 86	109 -2.1 84	125 46.8 86	86 -14 86	95 9 86	112 1.88 85	108 1.39 86	104 0.27 85
ZEF 220261 94740875		 BBM 150029  ZEF 160041			103 88	99 88	115 87	106 88	81 85	99 80	108 88	107 84	100 81	101 84	96 18 87	103 0.64 88	97 -1.2 88	91 9 88	99 14.4 88	115 8.2 87	117 115 88	98 23.2 86	112 124 85	95 23 83	123 -74 83	104 0.6 86	133 32.7 86	74 6.0 85	88 1.6 83	108 36.9 86	111 6 85	117 29 85	111 1.75 84	93 -1.00 84	87 -1.15 84
ZEF 220267 94697687		 BBM 180016  CRV 140171			94 88	102 89	101 87	85 88	93 85	90 81	94 88	78 84	85 82	86 84	118 48 87	96 1.43 89	100 -1.6 88	117 47 88	102 16.2 89	101 3.9 87	94 60 88	100 25.3 87	77 -9 85	95 25 83	72 9 84	123 1.6 86	97 11.3 86	79 3.0 85	102 -0.8 83	107 35.7 86	92 -10 86	83 -1 85	85 85 84	90 -1.47 85	85 -1.37 84
ZEF 220270 94711660	1	 V 170167  ZEF 170080			103 91	94 90	83 89	101 90	127 87	100 82	83 90	82 87	95 83	92 86	100 24 89	107 0.20 91	93 -0.6 90	98 20 90	94 11.8 90	83 -1.4 89	81 27 90	93 18.4 90	89 37 88	92 15 86	96 -30 86	85 -0.5 89	76 -1.7 88	112 -16.2 88	122 -4.5 86	116 41.4 88	98 -5 88	91 5 88	74 -1.89 86	128 4.53 87	105 0.35 86
ZEF 220277 94697729	1	 BBM 180016  CRV 140004			110 90	99 90	85 88	88 89	98 86	91 82	89 89	86 86	88 83	89 86	108 35 88	106 0.40 90	119 -4.1 89	114 42 89	99 14.5 90	85 -0.8 88	81 28 89	96 21.7 88	89 38 87	100 36 85	91 -22 86	106 0.6 88	113 20.7 88	97 -7.6 86	100 -0.6 85	103 33.6 88	83 -17 87	80 -4 87	76 -1.73 86	105 0.86 87	114 1.13 86
ZEF 230007 95294252	2	 AG 190157  ZEF 180050			107 90	101 90	102 88	106 88	85 87	99 82	105 89	102 86	98 83	102 86	93 14 87	106 0.38 91	104 -2.1 89	92 11 88	101 15.3 90	102 4.4 88	107 91 89	95 20.7 89	101 84 87	79 -15 86	90 -21 86	136 2.3 87	85 4.0 87	84 -0.2 87	95 0.4 86	94 28.1 88	110 5 87	98 12 87	110 1.67 86	114 2.30 87	67 -2.83 86
ZEF 230015 95294336	1	 BBM 150029  ZEF 190209			103 89	109 89	102 87	104 87	90 86	107 81	113 88	103 86	106 82	97 86	99 22 87	104 0.60 90	98 -1.3 88	94 14 87	109 19.7 89	102 4.3 87	114 106 88	105 29.4 88	112 125 87	91 13 84	103 -42 87	93 -0.1 87	115 21.8 87	92 -4.5 86	87 1.8 84	109 37.4 87	107 3 87	109 22 86	108 1.49 86	86 -2.24 86	86 -1.25 86
ZEF 230019 95294377	1	 AG 190157  ZEF 190183			94 89	107 90	94 87	101 87	108 86	105 81	102 89	96 86	103 82	101 86	102 26 87	100 0.97 90	83 0.7 88	98 18 87	107 18.8 90	94 1.8 87	103 80 88	103 27.9 88	96 65 86	85 -1 85	85 -12 85	125 1.7 87	83 2.6 87	105 -11.8 86	108 -1.9 85	105 35.0 87	92 -10 87	95 9 86	96 0.26 86	105 0.86 86	91 -0.80 86
ZEF 230020 95294385	1	 V 170167  CRV 110376			114 89	91 89	79 87	101 87	130 85	101 81	80 88	86 85	97 82	89 85	92 13 85	114 -0.46 90	108 -2.7 88	98 19 87	91 9.8 89	79 -2.8 87	74 9 88	93 18.2 88	91 44 86	101 38 84	108 -50 84	62 -1.8 87	95 9.9 87	136 -29.8 85	112 -2.8 84	114 40.1 86	83 -17 86	86 1 86	109 1.57 85	131 4.96 85	119 1.58 85

Breeding Values and Accuracies: Cows & Heifers

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass		
ID Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
			Sire ID Dam ID																															
ZEF 230026 95295697	1	 BBM 150029  ZEF 180126		98 90	98 90	104 89	104 88	81 87	88 82	98 90	92 87	87 83	91 87	98 20 88	98 1.15 91	94 -0.8 89	94 13 88	98 13.6 90	104 5.0 89	105 85 89	98 23.0 89	100 80 87	83 -5 86	98 -33 86	98 0.2 88	109 18.3 88	82 1.2 87	82 2.6 86	109 37.1 88	96 -6 88	97 11 88	96 0.31 87	84 -2.49 87	106 0.41 87
ZEF 230029 95295671	1	 MCU 190237  ZEF 160166		105 89	106 89	82 87	105 87	85 85	92 81	101 88	118 85	96 82	117 86	94 15 86	100 0.93 90	115 -3.6 88	94 14 87	106 18.1 89	82 -1.7 87	93 57 88	105 29.1 88	118 147 86	101 37 84	125 -77 84	125 1.7 87	131 31.2 87	67 9.8 85	90 1.3 84	124 46.1 87	102 -1 87	115 27 86	100 0.67 85	133 5.29 86	116 1.25 85
ZEF 230030 95295705	2	 V 170167  VV 090219		98 90	104 90	74 89	93 88	143 87	109 82	88 90	69 86	100 83	91 86	99 22 87	93 1.67 91	114 -3.4 89	108 33 88	104 16.8 90	74 -4.2 89	78 20 89	104 28.1 89	75 -16 87	117 76 85	98 -33 85	90 -0.2 88	124 26.9 88	139 -31.5 87	130 -6.0 85	112 39.0 88	115 9 88	98 12 87	76 -1.68 86	127 4.27 86	102 0.09 86
ZEF 230036 95295721	1	 BBM 180016  VV 150056		123 90	100 90	79 88	123 88	129 86	123 82	104 89	81 86	115 83	96 86	81 -2 88	119 -1.00 91	123 -4.7 89	82 -4 88	100 14.8 90	79 -2.9 88	90 49 89	95 20.0 89	82 11 87	77 -21 85	67 17 86	114 1.1 88	109 18.3 88	118 -19.3 86	127 -5.3 85	112 38.9 88	71 -26 87	81 -4 87	77 -1.58 86	127 4.26 87	95 -0.46 86
ZEF 230039 95474219	1	 BBM 150029  ZEF 160008		112 88	102 89	109 87	98 87	89 85	106 80	109 88	99 85	104 81	105 85	100 24 86	114 -0.45 89	104 -2.1 87	100 22 87	102 16.1 89	109 6.5 87	110 97 88	100 25.3 88	102 86 86	90 11 84	103 -42 84	90 -0.2 87	108 17.8 86	90 -3.4 85	84 2.4 84	118 42.7 86	106 1 86	110 23 86	103 0.97 85	108 1.30 85	101 0.05 85
ZEF 230040 95474227	1	BBM 180016 ZEF 200093		105 68	110 70	108 52	92 51	107 35	118 53	115 64	90 36	113 50	103 42	107 33 51	103 0.69 73	111 -3.1 58	107 32 51	110 20.1 70	108 6.3 52	112 102 58	106 30.1 54	94 55 44	94 22 11	89 -19 25	136 2.3 51	107 17.1 50	95 -6.2 40	115 -3.2 17	103 33.3 48	93 -9 49	101 14 45	106 1.33 41	116 2.62 44	108 0.64 41
ZEF 230043 95474250	1	 BBM 180016  ZEF 200187		81 88	125 89	96 87	86 86	114 85	117 80	119 88	122 86	119 81	120 86	115 43 86	66 4.56 89	95 -0.9 87	116 45 86	125 28.3 89	96 2.5 87	111 99 87	124 46.1 88	124 171 86	110 60 84	123 -75 85	100 0.3 87	136 34.5 87	109 -14.5 85	115 -3.2 84	101 32.5 86	112 7 86	120 32 86	112 1.84 85	115 2.44 86	106 0.43 85
ZEF 230045 95474276	2	 MCU 190237  ZEF 170086		106 88	101 89	81 86	88 86	72 85	74 80	88 88	104 85	77 81	102 85	112 40 86	100 0.93 89	118 -4.0 87	114 42 86	101 15.3 89	81 -2.1 86	79 23 87	102 26.9 88	114 131 85	106 51 84	127 -80 84	114 1.1 87	120 24.8 86	64 11.6 85	91 1.1 84	94 27.8 86	120 13 86	116 27 86	95 0.18 85	110 1.68 85	105 0.34 85
ZEF 230046 95474284		 BBM 180016  EB 170054		93 89	117 90	100 88	83 88	116 86	116 81	113 89	103 86	114 82	114 86	114 43 87	94 1.63 90	103 -2.0 88	119 50 88	117 23.8 90	100 3.6 88	105 85 89	115 38.3 89	110 118 87	101 38 85	107 -49 85	144 2.8 88	115 21.7 87	107 -13.1 86	110 -2.4 85	114 40.2 87	96 -6 87	109 22 87	120 2.73 86	120 3.25 86	121 1.72 86
ZEF 230048 95474300	1	 BBM 180016  CRV 110143		113 90	108 90	100 88	96 88	114 87	120 82	111 89	102 87	118 83	116 87	102 27 88	114 -0.51 91	106 -2.3 89	102 25 88	108 19.0 90	100 3.9 88	106 88 89	110 33.9 89	104 96 87	105 48 86	101 -38 86	109 0.8 88	105 16.0 88	128 -25.2 87	101 -0.7 86	99 31.0 88	113 7 88	115 27 87	75 -1.85 87	112 1.92 87	113 1.06 87
ZEF 230049 95474318	1	 BBM 180016  ZEF 200270		104 90	119 90	117 88	84 88	120 87	137 82	129 89	119 87	136 83	125 87	120 50 88	105 0.50 91	108 -2.7 89	117 47 88	119 25.4 90	117 9.1 88	122 126 89	120 43.1 89	120 156 87	106 49 86	117 -65 86	133 2.2 88	138 35.6 88	103 -11.0 87	120 -4.2 86	117 42.3 88	132 22 88	128 38 88	119 2.57 87	126 4.13 87	118 1.43 87
ZEF 230050 95474326	3	V 170167 ZEF 130154		113 70	90 71	79 60	116 57	117 42	98 57	85 67	88 39	94 53	103 36	86 46	109 -0.01 74	109 -2.8 63	86 1 57	90 9.4 71	79 -2.7 60	78 21 63	95 20.7 58	89 38 50	106 51 16	94 -27 25	116 1.2 56	95 10.1 55	121 -21.0 46	107 -1.7 26	108 36.8 54	97 -6 54	97 11 50	92 -0.09 34	143 6.92 38	98 -0.27 34

Breeding Values and Accuracies: Cows & Heifers

Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass		
ID Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
ZEF 230052	1	BBM 180016		110	109	93	110	116	123	114	94	118	104	93	109	103	89	109	93	109	104	94	88	97	119	110	117	111	103	94	99	101	111	111
95474342		ZEF 200018		68	69	52	50	35	53	63	36	50	42	14	0.06	-2.0	6	19.9	1.4	94	28.9	56	7	-31	1.4	18.9	-18.9	-2.6	33.7	-7	13	0.79	1.73	0.85
														50	73	57	50	69	52	57	60	44	14	25	51	49	39	18	47	48	45	40	44	40
ZEF 230057	3	AG 190157		106	108	77	100	127	113	99	97	109	101	100	106	102	100	108	77	87	110	96	100	90	112	91	124	121	106	95	91	93	109	115
96326129		ZEF 210055		89	90	88	87	86	81	89	86	82	86	24	0.34	-1.8	22	19.2	-3.5	43	33.7	63	36	-20	1.0	7.7	-22.9	-4.3	35.4	-7	5	-0.07	1.44	1.24
														87	90	88	87	90	88	88	88	86	86	86	87	87	86	86	87	87	87	86	86	86
ZEF 230058	4	AG 190157		130	73	93	138	97	93	84	63	84	60	72	141	116	66	73	93	84	73	69	89	60	130	101	108	95	94	64	53	61	91	80
96330469		ZEF 210051		89	89	87	86	86	81	88	86	82	86	-15	-3.32	-3.8	-28	0.4	1.6	35	0.2	-38	10	30	2.0	13.5	-13.5	0.4	27.8	-32	-28	-3.25	-1.41	-1.73
														86	90	88	86	89	87	87	88	86	85	85	87	86	86	85	87	86	86	85	86	85
ZEF 230059	1	V 170167		108	102	73	98	148	118	91	65	107	99	100	103	118	102	102	73	78	101	72	89	75	103	91	147	143	100	94	97	110	130	102
96326137		AG 160049		91	91	89	89	88	83	90	88	84	87	23	0.62	-4.0	25	16.2	-4.7	20	25.4	-25	9	5	0.5	7.6	-35.7	-8.2	31.9	-8	11	1.73	4.88	0.14
														88	92	90	89	91	90	90	90	88	87	89	89	88	86	89	89	88	87	87	87	
ZEF 230061		BBM 180016		116	102	97	96	112	113	104	95	110	107	102	112	118	103	102	97	98	101	95	105	91	120	109	100	116	102	95	98	86	124	117
96330477		EB 170052		69	60	53	52	36	51	59	34	48	39	26	-0.30	-4.1	26	15.7	3.0	68	25.9	59	47	-22	1.5	18.1	-9.1	-3.4	33.1	-7	12	-0.68	3.84	1.40
														52	74	59	52	60	53	55	56	43	14	23	50	49	40	20	48	48	44	37	41	37
ZEF 230066	1	ZEF 200099		114	114	110	85	117	131	122	120	131	119	115	112	132	116	114	110	112	118	127	82	130	112	125	110	109	117	125	130	116	118	53
96326186		VV 150020		89	89	87	87	86	81	88	86	82	86	44	-0.25	-5.9	46	22.5	6.8	102	41.3	182	-7	-85	1.0	27.8	-15.0	-2.2	42.0	16	40	2.34	2.96	-4.01
														87	90	88	87	89	87	88	88	86	85	85	87	87	86	84	87	87	86	85	86	85
ZEF 230068	1	V 170167		90	108	99	90	116	107	102	90	103	109	110	87	105	110	108	99	101	111	98	106	105	107	110	119	107	107	108	108	131	126	122
96326202		CRV 140029		91	91	89	89	87	83	90	87	84	87	36	2.38	-2.2	37	19.3	3.4	76	34.9	71	49	-45	0.7	19.0	-19.7	-1.9	36.2	3	21	3.78	4.13	1.83
														87	91	90	89	91	90	90	89	88	86	86	89	89	87	86	88	88	87	87	87	
ZEF 230071	1	ZEF 200185		91	120	83	93	117	115	112	102	113	112	110	90	119	107	120	83	101	115	107	90	114	116	123	111	108	116	106	111	125	114	88
96326236		ZEF 200069		64	66	44	44	30	48	59	34	45	38	37	2.07	-4.2	33	25.9	-1.4	76	38.2	106	13	-59	1.2	26.3	-15.3	-2.0	41.5	2	23	3.17	2.28	-1.05
														43	70	52	44	66	44	51	48	37	12	26	47	44	31	17	42	43	38	36	41	36
ZEF 230072	1	ZEF 200173		95	123	97	79	81	104	123	112	105	111	126	91	118	125	123	97	105	118	113	88	113	119	109	73	93	98	120	117	128	100	54
96326244		ZEF 190111		89	89	87	87	86	81	88	86	82	86	58	1.95	-4.0	58	27.6	2.7	86	41.5	129	6	-58	1.4	18.0	6.5	0.6	30.4	13	29	3.47	-0.02	-3.95
														87	90	88	87	89	87	88	88	86	85	85	87	87	86	85	87	87	86	86	86	
ZEF 230073	1	ZEF 200099		88	126	96	86	123	127	124	119	127	105	111	82	110	115	126	96	112	120	118	81	121	111	118	100	130	108	129	121	102	86	53
96326251		VVV 070038		68	70	54	50	37	54	64	34	50	36	38	2.81	-2.9	44	29.1	2.6	103	43.2	146	-11	-71	1.0	23.7	-9.2	-5.9	36.4	20	32	0.92	-2.16	-4.01
														49	73	58	50	70	54	58	48	38	12	23	51	48	38	23	49	47	42	34	39	34
ZEF 230074	1	CEF 160402		90	123	95	88	110	118	117	123	120	129	116	98	85	113	123	95	110	129	131	102	123	101	132	116	99	108	104	124	113	109	117
96453402		ZEF 200180		90	90	88	88	87	82	89	87	83	87	45	1.21	0.4	42	27.4	2.3	97	50.8	197	41	-74	0.4	32.1	-18.1	-0.5	36.6	0	35	2.01	1.42	1.33
														88	91	89	88	90	88	89	88	87	86	86	88	88	87	86	88	88	87	87	87	
ZEF 230080	2	AG 190157		121	104	78	112	115	115	105	97	112	88	93	117	116	88	104	78	91	97	100	93	92	119	69	129	102	98	97	87	118	94	84
96453444		ZEF 210168		89	89	87	87	86	81	88	86	82	86	15	-0.79	-3.8	4	17.0	-3.0	51	21.8	79	20	-24	1.4	-5.8	-25.9	-0.8	30.3	-5	3	2.53	-0.96	-1.38
														86	90	88	87	89	87	88	88	86	85	85	87	87	86	85	87	87	86	86	86	86

Breeding Values and Accuracies: Cows & Heifers

Value <80 Value >120

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Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass		
ID Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
			Sire ID Dam ID																															
ZEF 230082 96453451	1	 BBM 180016  ZEF 130133		114 91	93 91	101 89	103 88	115 87	108 82	96 90	88 87	104 83	90 87	97 19 88	111 -0.16 91	112 -3.2 89	95 14 88	93 11.1 91	101 4.1 89	97 66 89	94 19.6 90	85 25 88	90 12 86	101 -39 86	133 2.2 89	107 17.1 88	103 -10.8 87	122 -4.5 86	102 33.2 88	108 4 88	100 13 88	89 -0.44 87	87 -1.96 87	73 -2.33 87
ZEF 230086 96454103		 ZEF 200099  ZEF 130179		79 89	132 89	92 88	80 87	114 86	119 81	125 89	107 86	118 82	106 86	125 57 87	57 5.46 90	113 -3.3 88	124 58 87	132 32.1 89	92 1.1 88	109 94 88	123 46.0 88	110 118 86	98 31 85	121 -71 85	106 0.7 87	130 30.8 87	109 -14.4 86	110 -2.3 84	110 37.6 87	124 16 87	124 35 86	102 0.85 86	86 -2.24 86	53 -4.01 86
ZEF 230087 96454111	1	ZEF 200173 ZEF 190055		93 54	129 54	94 43	79 46	104 32	119 43	128 51	113 31	119 41	118 36	129 62 45	88 2.22 57	116 -3.8 49	125 60 46	129 30.4 54	94 2.0 43	108 92 48	122 44.8 51	114 133 37	95 25 10	106 -47 22	118 1.3 46	87 4.8 44	88 -2.1 35	106 -1.7 19	112 39.0 43	96 -6 42	114 26 38	122 2.91 34	117 2.71 39	54 -3.96 34
ZEF 230093 96454160	1	 MCU 190237  ZEF 160140		106 90	102 90	76 88	109 87	114 87	102 82	95 89	101 86	102 83	94 86	91 12 87	103 0.64 90	120 -4.3 88	91 8 87	102 16.2 90	76 -3.7 88	86 39 88	106 30.3 89	104 93 87	98 31 85	117 -65 85	117 1.3 88	139 36.2 88	98 -8.2 87	120 -4.1 85	109 37.1 88	100 -3 87	102 16 87	115 2.41 86	118 1.41 86	
ZEF 230094 96454178	3	 MCU 190237  VV 160416		93 90	109 90	97 88	94 88	110 86	107 82	105 89	98 86	105 83	102 86	104 28 87	91 1.94 91	103 -2.0 89	105 30 88	109 19.9 88	97 2.8 88	103 80 89	110 34.1 89	104 94 87	85 1 85	113 -58 85	111 0.9 88	123 26.6 88	98 -8.2 86	111 -2.5 85	113 39.4 87	95 -7 87	106 19 87	98 0.46 86	108 1.31 87	127 2.18 86
ZEF 230095 96454186	1	 BBM 180016  ZEF 170001		109 91	118 91	96 89	95 89	123 88	132 83	122 90	118 88	132 84	124 88	114 43 89	106 0.31 91	125 -4.9 90	105 29 89	118 24.6 91	96 2.6 89	111 100 90	118 40.9 90	121 158 88	97 27 87	109 -52 87	107 0.7 89	122 26.0 89	120 -20.8 88	120 -4.1 86	100 31.9 89	112 7 89	118 30 88	95 0.19 87	130 4.83 88	136 2.99 87
ZEF 230097 96454202	1	 ZEF 200173  ZEF 190002		91 89	125 89	110 87	84 87	96 86	119 81	129 88	107 86	117 82	110 86	122 53 87	86 2.39 90	116 -3.7 88	117 47 87	125 28.2 89	110 6.9 87	121 123 88	113 36.7 88	111 122 86	84 -3 85	113 -57 85	116 1.2 87	91 7.5 87	91 -3.8 86	91 1.0 85	111 38.5 87	116 9 87	118 30 86	114 2.12 86	118 2.84 86	62 -3.30 86
ZEF 230098 96454210	2	 MCU 190237  ZEF 160009		99 89	107 89	82 87	103 87	115 85	105 81	100 88	96 85	102 82	100 86	96 18 86	94 1.58 90	111 -3.0 88	97 17 87	107 18.4 89	82 -1.7 87	93 56 88	102 27.1 87	101 82 86	91 13 84	102 -40 84	107 0.7 87	121 25.1 87	109 -14.0 85	115 -3.3 84	104 34.5 86	95 -7 86	107 20 86	103 0.99 85	107 1.21 86	110 0.78 85
ZEF 230099 96454228	1	V 170167 AG 110286		116 72	75 73	84 62	128 58	118 44	91 59	74 69	75 39	85 55	84 36	79 -5 48	113 -0.40 75	106 -2.4 64	77 -12 58	75 1.6 73	84 -1.2 62	71 4 64	80 6.6 59	81 8 51	110 61 25	89 -19 25	92 -0.1 55	90 7.0 54	125 -23.1 48	108 -2.1 29	104 34.2 56	90 -11 54	86 1 51	92 -0.11 35	133 5.35 38	91 -0.79 35
ZEF 230101 96454244	1	 ZEF 200099  CRV 110203		91 89	113 89	80 88	97 87	106 85	101 81	103 89	95 86	99 82	97 86	100 24 87	86 2.47 90	107 -2.5 88	103 26 87	113 22.2 89	80 -2.3 88	94 60 88	108 32.2 88	91 45 86	97 29 85	92 -24 85	89 -0.3 87	88 5.6 87	99 -8.6 85	110 -2.4 84	100 31.8 87	110 5 87	101 15 86	109 0.78 86	109 1.40 86	53 -4.01 86
ZEF 230104 96459292	1	ZEF 200185 ZEF 200144		124 64	110 53	103 41	90 36	116 30	129 43	118 50	115 34	128 41	118 38	113 42 36	120 -1.08 70	124 -4.8 49	109 36 36	110 20.3 53	103 4.6 41	106 89 43	112 36.1 46	119 151 36	103 43 13	120 -69 27	109 0.8 45	129 30.2 43	115 -17.7 32	106 -1.7 18	111 38.4 40	112 6 41	113 25 37	123 2.99 35	110 1.62 40	104 0.23 36
ZEF 230105 96459300	2	ZEF 200173 ZEF 190066		97 65	120 67	98 46	76 45	99 31	110 49	118 60	120 30	113 45	118 38	125 57 45	95 1.52 71	114 -3.5 53	129 64 45	120 25.5 67	98 3.2 46	102 77 53	118 41.5 50	120 154 37	94 21 11	120 -69 19	126 1.7 47	106 16.1 44	87 -1.6 33	100 -0.6 17	112 39.1 42	119 12 43	121 32 38	118 2.48 36	115 2.47 41	55 -3.89 36

Breeding Values and Accuracies: Cows & Heifers

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Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass			
ID Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
ZEF 230110 96459318	2			ZEF 200185 ZEF 200028	81 88	117 88	92 86	89 86	109 85	105 80	106 87	100 84	103 81	108 85	113 41	82 2.80	93 -0.7	111 39	117 23.9	92 1.3	103 80	120 43.2	102 87	119 82	111 -54	87 -0.4	96 10.7	124 -22.8	95 0.4	105 34.5	107 2	109 22	111 1.80	97 -0.45	112 0.94
ZEF 230111 96459326	2			MCU 190237 ZEF 180122	116 68	104 59	90 49	93 47	89 33	98 48	102 57	118 30	101 44	113 38	106 32	111 -0.12	121 -4.5	107 32	104 17.0	90 0.5	91 52	109 32.9	121 157	102 41	121 -71	117 1.3	131 31.6	77 4.1	96 0.2	108 36.8	115 9	117 29	104 1.06	117 2.74	118 1.43
ZEF 230114 96454293	2			AG 190157 ZEF 210181	99 66	100 68	93 45	108 42	101 31	97 49	97 60	99 26	97 44	92 26	91 12	100 0.94	93 -0.6	91 9	100 14.8	93 1.4	98 69	97 22.4	96 64	104 47	86 -13	104 0.6	91 7.4	116 -18.3	94 0.5	96 29.4	82 -17	81 -3	114 2.11	101 0.20	93 -0.67
ZEF 230116 96454764	1			ZEF 200173 ZEF 190008	82 90	139 89	100 88	72 87	89 86	117 81	140 89	132 86	122 82	132 86	138 74	74 3.73	107 -2.5	135 74	139 36.2	100 3.6	115 110	132 53.8	135 210	88 6	118 -66	116 1.2	99 12.0	59 14.0	108 -2.0	110 37.6	113 7	123 34	141 4.77	116 2.65	92 -0.76
ZEF 230117 96454772	1			CEF 160402 ZEF 200138	118 91	104 91	100 89	95 89	127 88	125 83	107 90	123 88	126 84	117 88	99 23	118 -0.85	111 -3.1	104 28	104 16.8	100 3.7	101 76	112 35.4	122 163	100 36	106 -47	86 -0.4	120 89	116 88	123 -4.7	111 38.6	96 -6	100 14	109 1.61	102 0.33	110 0.81
ZEF 230118 96454780	2			MCU 190237 ZEF 160059	110 90	102 90	93 88	93 88	102 86	102 82	99 89	108 86	103 83	102 86	104 29	106 0.32	122 -4.6	107 32	102 16.1	93 1.6	93 56	104 28.7	107 104	109 57	115 -61	95 0.1	110 18.7	91 -4.1	114 -3.1	100 31.6	101 -2	108 20	101 0.76	120 3.15	105 0.37
ZEF 230120 98750102				ZEF 200055	92 61	109 36	101 33	93 36	122 24	115 35	106 39	91 20	110 32	102 24	106 31	94 1.59	94 -0.8	106 31	109 19.9	101 4.2	107 89	107 30.8	94 57	94 21	92 -23	85 -0.5	89 6.4	117 -19.0	127 -5.5	90 25.5	107 2	108 21	91 -0.25	93 -1.11	112 0.95
ZEF 230121 96454806	1			CEF 160402 ZEF 200121	99 90	113 90	101 89	85 89	111 87	114 82	110 90	112 88	115 83	105 87	111 38	103 0.70	100 -1.6	116 46	113 21.9	101 4.2	104 84	118 41.2	116 141	98 32	110 -52	89 -0.3	119 23.9	101 -9.6	111 -2.4	108 36.7	111 6	104 17	74 -1.89	93 -1.10	107 0.52
ZEF 230122 96454814	2			MCU 190237 ZEF 170140	111 89	109 89	91 87	84 87	112 86	112 81	106 88	124 86	115 82	111 86	117 46	107 0.24	120 -4.3	118 49	109 19.9	91 1.1	92 55	113 37.0	131 196	117 77	135 -95	113 1.0	122 26.2	90 -3.5	122 -4.6	106 35.6	117 10	130 40	124 3.05	103 0.52	143 3.53
ZEF 230123 96454822	1			MCU 190237 ZEF 160041	88 89	118 89	102 87	92 87	88 85	105 81	118 88	118 85	108 82	114 85	112 40	83 2.77	108 -2.7	107 33	118 24.8	102 4.4	114 108	115 38.4	127 182	108 54	140 -102	96 0.1	147 41.0	70 7.9	102 -0.9	104 34.0	124 16	134 44	113 1.96	113 2.04	103 0.17
ZEF 230125 96454848	1			MCU 190237 ZEF 180182	81 90	109 90	83 88	90 88	92 87	83 82	92 89	116 86	87 83	112 87	115 43	82 2.88	94 -0.8	111 38	109 20.0	83 -1.5	89 47	112 36.0	120 155	102 41	115 -61	93 0.0	124 26.9	62 12.4	113 -2.9	107 36.3	117 10	117 28	106 1.33	103 0.59	129 2.41
ZEF 230129 96454863	2			AG 190157 ZEF 210121	96 65	109 67	106 44	104 42	97 31	109 49	113 59	101 26	107 44	104 26	101 24	98 1.23	91 -0.3	94 13	109 19.6	106 5.7	117 115	108 32.1	100 80	102 41	89 -19	98 0.2	103 14.8	103 -11.0	94 0.5	99 31.3	85 -15	94 8	113 2.02	102 0.28	92 -0.78

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Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass			
ID Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
ZEF 230130 96454871	3	 MCU 190237 VV 170031			91 90	110 90	82 88	96 88	108 87	98 82	98 89	108 86	100 83	114 86	100 24	90 1.98	98 -1.3	104 28	110 20.4	82 -1.8	92 54	114 37.1	113 128	102 42	117 -64	97 0.2	100 12.5	88 -2.1	117 -3.6	108 36.7	107 2	123 34	102 0.84	117 2.72	131 2.53
ZEF 230131 96454889	1	MCU 190237 ZEF 160106			103 68	99 70	83 52	112 47	107 34	98 53	94 63	102 31	98 49	93 34	88 7	102 0.82	100 -1.6	88 5	99 14.1	83 -1.5	90 49	101 25.6	108 111	110 59	117 -65	106 0.6	120 24.6	99 -8.6	110 -2.4	106 35.5	98 -5	101 15	90 -0.29	101 0.19	117 1.34
ZEF 230133 96454897	2	 ZEF 200185  ZEF 200075			103 88	121 88	103 86	103 86	139 85	147 80	130 87	111 84	143 81	110 85	97 19	98 1.23	110 -2.9	95 15	121 26.1	103 4.5	125 134	118 41.0	115 137	107 54	125 -77	94 0.0	129 30.2	147 -35.7	118 -3.7	110 37.9	122 14	116 28	111 1.77	98 -0.21	68 -2.76
ZEF 230134 96454905	2	 ZEF 200185  ZEF 200053			108 88	112 88	84 86	94 86	110 85	111 80	107 87	115 84	112 81	113 85	103 27	104 0.56	114 -3.4	106 31	112 21.5	84 -1.3	94 60	113 36.8	119 153	101 38	131 -87	133 2.2	134 33.0	99 -8.8	113 -3.0	107 36.0	113 7	122 33	109 1.57	120 3.15	117 1.41
ZEF 230135 96454913	2	 MCU 190237  ZEF 180078			96 88	132 88	106 86	90 86	124 84	144 80	139 87	123 84	144 81	130 84	110 38	92 1.82	116 -3.7	110 37	132 32.0	106 5.4	128 140	131 52.4	123 166	100 35	128 -82	113 1.1	129 29.9	122 -21.9	107 -1.7	119 43.0	121 14	127 38	138 4.53	113 2.17	91 -0.84
ZEF 230138 96454947	2	 MCU 190237  ZEF 160153			104 89	98 90	92 88	103 87	87 86	88 81	94 89	106 86	90 82	104 86	99 23	104 0.56	99 -1.5	96 16	98 13.8	92 1.3	93 58	105 29.6	109 113	110 59	114 -60	106 0.7	115 21.7	94 -5.6	87 1.8	100 31.8	106 2	115 27	103 0.95	104 0.66	121 1.72
ZEF 230140 96454962	3	 AG 190157  ZEF 210057			113 89	97 89	84 87	120 86	79 86	90 81	98 88	77 86	85 82	80 86	90 11	114 -0.53	97 -1.2	84 -2	97 13.5	84 -1.2	92 53	93 18.6	70 -33	104 44	76 3	109 0.8	77 -1.2	95 -6.4	75 4.0	100 31.5	94 -7	82 -3	89 -0.39	88 -1.85	107 0.49
ZEF 230141 96454970	1	 BBM 180016  ZEF 150138			83 91	109 91	110 89	98 89	116 87	113 83	109 90	111 88	113 84	117 88	106 31	83 2.74	90 -0.3	100 22	109 19.9	110 6.7	117 114	111 34.5	111 122	110 60	120 -69	115 1.2	119 24.2	102 -10.3	113 -3.0	116 41.4	96 -6	105 18	104 1.11	111 1.76	119 1.53
ZEF 230144 96455001	1	 BBM 180016  CRV 110026			100 90	107 90	112 89	88 88	106 87	112 82	110 90	112 86	113 83	109 86	111 39	97 1.28	110 -2.9	112 40	107 18.7	112 7.6	110 98	105 29.5	112 124	109 58	110 -52	99 0.3	109 18.4	98 -8.2	112 -2.7	101 32.5	109 4	108 21	93 -0.05	121 3.37	119 1.55
ZEF 230146 96455027	2	 MCU 190237  ZEF 180221			85 89	117 90	99 88	89 88	96 87	104 82	113 89	119 86	107 83	119 86	103 28	81 2.97	106 -2.4	112 39	117 24.3	99 3.6	109 95	113 37.0	121 157	102 40	125 -77	127 1.8	116 22.4	92 -4.4	99 -0.3	103 33.7	115 9	128 38	115 2.21	122 3.55	101 0.02
ZEF 230154 96455092	2	 MCU 190237  VV 160212			109 89	91 90	94 88	107 87	104 86	94 81	88 89	119 86	99 82	110 86	87 6	110 -0.02	99 -1.5	92 10	91 10.0	94 1.8	90 49	101 26.2	118 147	99 35	129 -84	100 0.3	123 26.3	106 -12.8	100 -0.6	108 36.8	114 8	113 25	97 0.38	125 3.98	128 2.27
ZEF 230168 96455217	1	 ZEF 200173  ZEF 190196			80 89	137 89	88 87	70 87	96 86	111 81	131 88	137 86	117 82	131 86	135 70	79 3.15	106 -2.4	139 79	137 35.1	88 0.1	104 83	133 54.7	139 228	87 5	117 -65	110 0.9	96 10.4	73 6.5	104 -1.2	113 39.9	119 12	133 43	123 2.98	119 3.07	56 -3.81

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Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass		
ID Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
			Sire ID Dam ID																															
ZEF 230174 96455258	1			105 89	95 90	92 87	111 87	97 87	94 81	93 89	88 86	91 82	89 86	95 17	107 0.26	93 -0.6	88 5	95 12.2	92 1.4	95 60	93 18.9	95 60	95 25	100 -37	102 0.4	115 21.7	109 -14.1	93 0.7	97 29.6	94 -8	93 7	96 0.30	94 -0.97	132 2.63
ZEF 230176 96455274	1			91 90	116 90	88 88	94 88	114 87	112 82	109 89	102 87	110 83	114 87	109 35	92 1.80	96 -1.0	106 31	116 23.7	88 0.2	102 79	112 35.4	102 87	93 19	94 -27	102 0.4	119 23.9	90 -3.1	126 -5.3	111 38.4	87 -14	100 14	92 -0.08	113 2.03	130 2.44
ZEF 230179 96455290	1			112 89	127 90	112 88	76 87	109 86	139 81	141 89	108 86	135 82	121 86	128 61	110 -0.09	133 -6.0	128 63	127 29.8	112 7.5	118 118	117 39.9	111 121	84 -2	111 -55	122 1.6	90 6.6	88 -2.5	112 -2.7	114 40.2	108 4	124 35	132 3.91	111 1.82	58 -3.62
ZEF 230180 96455308	1	V 170167 EB 170067		120 71	92 72	98 58	110 57	123 42	116 57	97 67	92 36	111 53	105 35	92 13	121 -1.19	105 -2.3	89 5	92 10.6	98 3.2	97 66	97 22.6	97 67	99 34	96 -30	103 0.5	93 8.7	123 -22.3	113 -2.9	110 37.8	99 -4	103 16	104 1.07	143 6.92	101 0.00
ZEF 230181 96455316	2	AG 190157 ZEF 210159		114 64	108 66	100 41	99 34	118 30	125 47	113 57	108 25	123 43	111 24	101 25	115 -0.61	106 -2.4	100 22	108 19.2	100 3.8	108 92	107 30.9	109 112	98 32	90 -20	115 1.2	101 13.1	125 -23.1	109 -2.1	102 33.2	98 -4	99 13	114 2.13	111 1.75	99 -0.19
ZEF 230189 96455399	1			84 90	114 90	99 89	94 88	80 87	93 82	110 90	97 87	92 83	98 87	108 34	72 3.85	101 -1.7	105 29	114 22.3	99 3.5	109 96	109 33.3	98 72	104 45	98 -34	128 1.9	114 21.0	72 6.7	88 1.5	107 36.0	100 -3	93 7	98 0.52	108 1.39	86 -1.24
ZEF 230191 96455407	1	ZEF 200185 ZEF 200231		111 64	118 66	92 44	96 43	119 30	129 48	121 59	112 34	127 45	114 38	108 35	106 0.39	119 -4.1	103 26	118 24.5	92 1.2	108 92	116 39.7	112 124	106 50	113 -59	105 0.6	120 24.8	121 -21.0	105 -1.5	113 39.5	105 1	113 25	115 2.17	104 0.74	95 -0.50
ZEF 230192 96455415	2			95 89	114 89	87 88	93 87	113 86	109 81	106 89	104 86	108 82	103 86	110 38	96 1.40	98 -1.4	107 32	114 22.3	87 -0.2	98 70	111 34.6	109 114	91 13	101 -39	106 0.7	117 22.9	119 -20.0	103 -1.0	106 35.4	103 -1	98 12	95 0.18	89 -1.75	100 -0.08
ZEF 230194 96455431	2			93 90	126 90	79 88	83 88	114 87	114 82	115 89	151 86	123 83	138 86	121 52	94 1.61	103 -2.0	121 53	126 28.9	79 -2.9	95 62	130 51.5	151 272	95 24	142 -105	102 0.4	145 40.0	110 -15.0	110 -2.3	109 37.3	124 16	140 49	115 2.15	120 3.22	144 3.65
ZEF 230195 96455449	2			98 88	123 88	98 86	89 85	123 84	131 80	124 87	121 84	132 81	117 84	117 47	94 1.61	112 -3.2	112 40	123 27.5	98 3.1	113 105	126 48.5	116 142	119 81	110 -53	94 0.0	110 18.9	117 -19.0	114 -3.0	113 39.7	101 -2	115 27	132 3.94	94 -0.97	103 0.15
ZEF 230198 96455464	1	MCU 190237 ZEF 180189		103 68	107 69	105 51	89 48	93 35	103 52	106 63	124 35	107 49	124 39	112 40	103 0.68	106 -2.3	111 38	107 18.4	105 5.3	104 84	114 37.6	130 191	111 62	135 -95	115 1.2	141 37.5	73 6.4	104 -1.3	111 38.5	111 6	125 36	108 1.51	115 2.45	134 2.78
ZEF 230199 96455472	1	BBM 180016 VV 110377		99 71	107 72	92 58	99 53	88 39	95 56	103 67	89 39	92 53	95 42	102 26	95 1.53	109 -2.7	100 22	107 18.7	92 1.2	99 72	103 27.5	90 40	101 38	85 -12	124 1.7	101 13.1	83 0.5	101 -0.8	92 26.8	97 -5	93 8	97 0.38	112 1.87	112 0.91

Breeding Values and Accuracies: Cows & Heifers

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass		
ID Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
			Sire ID Dam ID																															
ZEF 230200 96455480	1	 BBM 180016  VV 150049		100 90	97 90	97 89	113 88	78 87	86 82	98 90	76 87	81 83	88 87	95 17 88	100 1.00 91	123 -4.7 89	87 88	97 13.4 90	97 2.7 89	102 77 89	91 16.8 88	76 -10 87	74 -27 86	68 16 86	131 2.0 88	110 19.1 88	73 6.1 87	84 2.3 86	102 32.9 88	79 -20 88	78 -5 88	95 0.18 87	127 4.38 87	106 0.47 87
ZEF 230201 96455498	2	 AG 190157  ZEF 210164		82 90	113 90	96 88	102 88	100 87	102 82	107 89	103 86	101 83	100 86	103 28 87	85 2.57 91	82 0.9 89	96 16 88	113 21.7 90	96 2.5 88	111 99 89	108 32.1 88	104 95 87	87 5 86	110 -53 86	128 1.9 87	121 25.4 87	101 -9.6 86	96 0.1 86	103 33.8 88	107 3 87	102 16 87	113 1.99 86	91 -1.32 86	62 -3.31 86
ZEF 240009 98178809	2	 AG 190157  ZEF 200095		110 89	95 89	105 87	100 86	80 85	91 81	99 88	120 86	96 82	113 85	101 25 86	108 0.15 90	110 -2.9 87	98 19 86	95 12.4 89	105 5.4 87	101 77 87	107 31.4 88	119 150 86	111 62 85	114 -59 85	117 1.3 86	111 19.4 86	90 -3.4 85	80 3.1 84	102 33.2 86	116 10 86	110 22 86	108 1.52 85	108 1.33 85	125 2.05 85
ZEF 240013 98171523	1	 LAR 200121  ZEF 210140		83 89	132 89	115 87	79 87	96 86	125 81	139 88	136 86	129 82	140 86	132 67 86	73 3.81 90	110 -3.0 88	124 57 87	132 32.4 89	115 8.4 87	127 139 88	139 59.7 88	130 191 86	114 70 86	118 -66 85	112 1.0 87	125 27.8 87	89 -3.0 86	88 1.5 85	126 47.9 87	121 13 87	136 45 86	147 5.45 86	103 0.54 86	107 0.53 86
ZEF 240015 98171549	1	 LAR 200121  ZEF 210217		94 89	149 89	79 87	74 87	119 85	141 81	147 88	151 86	147 82	150 86	137 74 86	95 1.50 90	108 -2.6 88	134 73 87	149 41.6 89	79 -2.7 87	109 95 88	148 68.5 88	151 272 86	115 71 86	130 -86 85	90 -0.2 87	133 32.5 87	122 -21.7 85	99 -0.3 84	123 45.5 86	105 1 87	140 49 86	125 3.20 85	110 1.67 86	102 0.11 85
ZEF 240018 98171564		 VV 160516		106 86	106 86	116 84	82 84	88 83	104 78	111 85	106 82	104 79	107 82	117 47 83	103 0.63 87	115 -3.5 85	120 51 84	106 18.2 86	116 8.5 84	108 92 85	110 34.0 85	100 81 83	112 64 82	102 -40 82	100 0.4 84	97 11.0 83	91 -3.9 83	94 0.5 82	95 28.5 84	119 12 83	118 30 83	90 -0.36 82	102 0.44 83	63 -3.23 82
ZEF 240020 98171572		 BBM 180016  ZEF 190136		105 90	100 90	103 88	111 88	103 87	109 82	106 89	90 87	104 83	99 87	99 22 88	104 0.53 91	99 -1.4 89	88 4 88	100 15.0 90	103 4.7 88	110 98 89	95 20.3 89	94 57 87	75 -25 86	82 -7 86	110 0.9 88	105 15.8 88	98 -7.9 87	102 -0.9 86	108 36.5 88	88 -12 88	97 11 87	91 -0.24 87	118 2.82 87	118 1.43 87
ZEF 240023 98171580	1	 BBM 180016  ZEF 190044		100 90	113 90	104 88	97 88	94 87	112 82	118 89	100 87	110 83	110 87	103 28 88	96 1.39 91	109 -2.8 89	101 23 88	113 22.2 90	104 5.0 88	116 111 89	105 29.0 89	101 82 88	99 33 86	103 -42 86	145 2.8 88	124 27.0 88	96 -6.8 87	96 0.2 86	97 29.8 88	104 0 88	109 22 88	111 1.78 87	129 4.58 87	90 -0.94 87
ZEF 240025 98178825		 ZEF 200026		91 88	130 88	106 86	87 86	120 85	137 80	135 87	111 86	135 81	133 85	118 47 86	86 2.44 89	110 -3.0 87	113 41 86	130 31.4 88	106 5.4 86	125 133 87	131 52.7 87	107 107 85	108 56 85	102 -39 85	114 1.1 86	94 9.2 86	113 -16.5 85	110 -2.4 84	116 41.7 86	109 4 86	131 41 85	118 2.53 85	113 2.12 85	118 1.45 85
ZEF 240029 98171606	1	 LAR 200499  VV 130127		83 89	108 90	93 88	112 87	106 86	102 81	105 89	99 86	101 82	101 86	88 8 87	81 2.94 90	86 0.3 88	87 3 87	108 19.4 90	93 1.5 88	109 96 88	104 28.9 88	104 94 86	99 33 85	115 -61 85	68 -1.4 87	116 22.4 87	99 -8.6 86	108 -2.0 85	105 34.5 87	95 -7 87	107 20 86	85 -0.78 86	107 1.16 86	108 0.62 86
ZEF 240030 98171614		 ZEF 190142		99 88	96 88	103 86	115 86	118 85	109 80	98 87	95 85	106 81	93 85	87 6 86	102 0.75 89	83 0.8 87	85 0 86	96 12.5 88	103 4.7 86	107 91 87	96 21.1 87	100 79 85	82 -8 84	102 -41 84	132 2.1 86	104 15.4 86	127 -24.4 85	102 -0.8 84	111 38.2 86	109 4 86	101 14 85	84 -0.87 85	111 1.79 85	101 0.04 85
ZEF 240032 98171622	2	 LAR 200121  ZEF 210136		133 89	88 89	101 87	124 87	100 86	111 81	103 88	89 86	107 82	92 86	82 -1 87	128 -1.98 90	121 -4.4 88	80 7 87	88 8.4 89	101 3.9 87	100 74 88	90 16.3 88	93 53 86	98 30 86	99 -36 85	80 -0.8 87	109 18.0 87	109 -14.0 86	93 0.8 85	104 34.4 87	82 -18 87	82 -2 87	108 1.52 85	114 2.34 86	98 -0.28 85

Breeding Values and Accuracies: Cows & Heifers

Value <80 Value >120

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Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass		
ID Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
			Sire ID Dam ID																															
ZEF 240038 98171671	1			93 90	112 90	78 89	93 88	96 87	93 82	100 90	96 87	92 83	102 87	109 35 88	88 2.25 91	110 -3.0 89	108 34 88	112 21.7 90	78 -2.9 89	89 48 89	109 32.7 89	97 70 88	93 18 86	90 -20 86	120 1.4 88	114 20.9 88	90 -3.7 87	106 -1.6 86	96 29.3 88	82 -17 88	95 10 88	93 -0.06 87	94 -0.85 87	110 0.82 87
ZEF 240045 98171721	1			116 89	108 90	98 88	115 87	90 86	115 81	119 89	91 86	111 82	103 86	93 14 87	117 -0.80 90	99 -1.5 88	85 1 87	108 19.2 90	98 3.2 88	115 111 88	101 25.8 88	91 46 87	80 -13 86	75 4 86	108 0.7 87	91 7.1 87	104 -11.5 86	80 3.0 85	107 35.8 87	101 -2 87	99 13 87	107 1.36 86	112 1.94 86	104 0.27 86
ZEF 240049 98171747				99 88	113 88	88 86	88 86	102 85	103 80	105 87	117 84	106 81	106 85	110 37 86	96 1.39 89	110 -3.0 87	114 42 86	113 21.8 88	88 0.0 86	95 61 87	112 35.3 87	117 145 85	100 35 84	108 -50 84	114 1.1 86	103 14.7 86	98 -8.0 85	100 -0.6 84	112 38.9 86	109 4 85	105 18 85	96 0.29 85	101 0.23 85	117 1.34 85
ZEF 240051 98171754				78 89	123 89	114 87	80 87	78 85	102 81	124 88	134 86	109 82	124 86	124 55 86	48 6.40 89	84 0.6 88	122 55 87	123 27.3 89	114 8.1 87	119 120 88	121 43.6 88	136 216 86	81 -10 85	126 -79 85	87 -0.4 87	97 11.3 87	59 14.5 85	97 0.0 85	107 36.0 86	111 6 86	124 35 86	91 -0.22 86	118 2.87 86	99 -0.17 86
ZEF 240056 98171788	1			95 90	117 90	79 88	100 88	106 87	107 82	109 89	107 86	107 83	103 87	99 22 88	93 1.66 91	101 -1.7 89	99 21 88	117 23.9 88	79 -2.8 88	98 69 89	108 32.5 89	116 139 86	97 28 86	114 -60 86	130 2.0 88	126 28.3 88	102 -10.3 87	104 -1.2 86	107 36.1 88	96 -6 88	100 14 87	95 0.13 87	97 -0.48 87	111 0.90 87
ZEF 240061 98171820	1			79 89	109 89	115 88	94 87	99 85	102 81	108 89	99 86	101 82	98 85	106 32 86	78 3.24 90	90 -0.3 88	104 28 87	109 19.5 89	115 8.3 88	118 117 88	105 29.1 88	107 106 86	82 -9 84	105 -45 85	100 0.3 87	108 17.7 86	105 -11.8 85	86 1.9 84	116 41.4 86	94 -8 86	103 16 86	106 1.31 85	101 0.20 85	74 -2.28 85
ZEF 240077 98171945				97 88	109 87	114 86	104 86	103 85	117 80	118 87	114 86	118 81	113 85	95 17 86	95 1.52 89	99 -1.5 87	93 12 86	109 19.5 87	114 8.2 86	125 134 86	109 32.9 86	118 148 85	90 10 85	111 -55 85	110 0.9 86	103 14.4 86	106 -12.3 85	98 -0.2 84	106 35.3 86	105 1 86	116 28 85	115 2.16 85	104 0.76 85	88 -1.08 85
ZEF 240078 98171952				74 89	120 87	96 87	85 87	106 86	104 80	108 87	111 86	105 81	116 86	114 42 86	76 3.51 89	84 0.5 88	116 46 87	120 25.6 87	96 2.6 87	106 89 87	120 42.9 87	111 122 86	99 33 85	101 -38 85	75 -1.1 87	89 6.5 86	104 -11.3 86	102 -0.9 85	109 37.4 86	110 4 86	117 29 86	101 0.74 85	76 -3.83 86	92 -0.75 85
ZEF 240085 98178882	1			104 89	103 89	83 88	99 88	121 87	107 81	95 89	89 86	102 82	96 87	97 19 88	102 0.77 89	108 -2.6 88	101 23 88	103 16.5 89	83 -1.4 88	88 44 88	100 25.0 88	90 43 87	109 58 86	97 -32 86	116 1.2 88	101 13.7 88	119 -19.9 87	118 -3.8 86	103 33.8 88	94 -8 87	92 6 87	84 -0.96 87	116 2.58 87	107 0.56 87
ZEF 240086 98172216	1			107 89	116 90	117 88	89 88	116 87	134 82	127 89	118 86	134 83	126 87	114 43 87	105 0.50 90	112 -3.2 88	110 37 88	116 23.6 90	117 9.1 88	123 129 89	124 46.2 88	115 136 87	114 70 86	109 -51 86	135 2.3 88	122 25.8 88	102 -10.2 87	118 -3.8 86	112 39.3 88	102 -2 88	118 30 87	135 4.23 87	99 -0.06 87	135 2.86 87
ZEF 240089 98172240	1			126 90	96 90	95 88	125 88	80 87	103 82	109 89	89 87	100 83	95 88	80 -4 88	122 -1.29 91	118 -4.0 89	79 -8 88	96 12.7 90	95 2.1 88	103 81 89	93 18.3 88	91 44 88	91 14 86	96 -29 86	116 1.2 88	91 7.7 88	86 -1.2 87	86 2.0 86	91 26.5 88	97 -5 88	91 6 88	95 0.14 87	122 3.50 88	116 1.31 87
ZEF 240096 99075558		ZEF 220134		124 56	87 58	95 33	106 27	112 22	104 40	90 49			82 20	93 13 27	122 -1.33 63	114 -3.5 40	92 10 27	87 8.1 58	95 2.3 33	88 44 39	83 9.5 30	85 24 23	83 -4 6	82 -8 7	100 0.3 26	97 11.2 25	116 -18.3 25	117 -3.6 11	86 23.3 30	98 -5 25	91 6 23	84 -0.88 19	90 -1.47 21	98 -0.25 19

Breeding Values and Accuracies: Cows & Heifers

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Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass		
ID	Inbreeding	Genomic	Index	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
Animal no	%	Parentage	Sire ID Dam ID																															
ZEF 240098 98172273		ZEF 220152		115 87	107 87	89 85	92 85	108 85	110 79	104 86	103 84	109 80	103 84	109 36	115 -0.58	111 -3.1	109 35	107 18.5	89 0.4	93 56	104 28.4	106 103	87 4	107 -49	80 -0.8	108 17.5	105 -12.1	103 -1.0	116 41.4	91 -10	100 14	84 -0.94	117 2.74	127 2.19
ZEF 240100 98172299	1	BBM 180016 ZEF 200093		94 90	118 90	88 88	89 88	104 87	107 82	109 89	92 87	103 83	108 87	113 41	93 1.66	103 -1.9	112 40	118 24.4	88 0.0	100 73	110 34.2	90 42	97 29	84 -11	145 2.8	105 15.9	90 -3.2	113 -2.9	101 32.1	96 -6	105 19	107 1.41	114 2.23	114 1.08
ZEF 240104 98172323		ZEF 220034		128 86	108 87	93 85	99 85	112 83	125 79	115 86	102 84	121 80	111 83	107 33	124 -1.55	123 -4.6	100 22	108 19.1	93 1.7	102 77	107 31.3	108 110	97 28	113 -59	100 0.3	117 22.7	114 -17.0	100 -0.6	111 38.4	113 7	112 24	128 3.47	112 1.95	88 -1.08
ZEF 240107 98172349	4	LAR 190442 ZEF 210051		129 89	91 88	89 87	125 86	82 85	97 80	100 88	78 86	92 81	79 86	81 -2	125 -1.65	117 -3.9	80 -7	91 10.0	89 0.4	92 54	92 17.3	84 18	92 17	87 -15	101 0.4	99 12.4	92 -4.4	84 2.4	95 28.8	90 -11	83 -2	91 -0.20	86 -2.13	89 -0.99
ZEF 240109 98172356	1	LAR 190442 ZEF 220040		98 89	103 90	93 87	92 87	90 86	89 81	94 89	120 86	94 82	108 86	111 38	101 0.85	96 -1.0	107 33	103 16.3	93 1.4	92 55	110 34.0	111 122	103 44	99 -34	132 2.1	93 8.3	97 -7.2	85 2.2	110 37.6	83 -17	98 12	119 2.57	105 0.76	95 -0.52
ZEF 240110 98172364		ZEF 220232		120 88	89 88	89 86	116 86	114 85	104 80	90 87	83 84	99 81	93 85	91 11	120 -1.09	105 -2.3	85 0	89 8.7	89 0.4	87 41	89 15.1	88 34	92 15	91 -22	75 -1.1	89 6.4	123 -22.0	99 -0.3	113 39.8	96 -6	86 1	80 -1.37	126 4.22	95 -0.52
ZEF 240116 98172406	1	HK 200042 ZEF 220183		131 88	83 88	95 86	124 86	119 85	113 80	93 87	84 84	107 81	84 84	75 -10	140 -3.18	120 -4.3	81 -7	83 5.9	95 2.2	89 47	86 12.5	92 47	95 24	98 -34	108 0.8	90 6.9	117 -19.0	109 -2.2	115 41.1	97 -6	90 5	114 2.04	112 1.91	98 -0.21
ZEF 240122 98172422	1	LAR 190319 ZEF 160097		113 90	105 90	92 88	90 88	115 87	112 82	102 89	108 86	112 83	98 87	110 37	110 -0.04	127 -5.2	111 38	105 17.8	92 1.2	93 56	112 35.7	111 121	121 86	109 -52	137 2.4	87 4.8	112 -15.8	112 -2.8	109 37.5	89 -12	108 21	107 1.41	99 -0.07	92 -0.73
ZEF 240129 98172455	3	HK 200042 ZEF 220087		122 89	82 89	109 86	118 86	107 85	105 80	93 88	81 85	99 81	76 85	80 -3	122 -1.28	108 -2.6	84 -1	82 5.3	109 6.5	99 72	86 12.5	87 30	99 34	95 -29	97 0.2	90 6.9	115 -17.8	98 -0.3	102 32.9	84 -16	86 2	88 -0.51	88 -1.89	93 -0.69
ZEF 240130 98172463	1	LAR 200104 ZEF 130130		77 90	124 90	80 88	85 88	115 86	106 82	107 89	130 87	112 83	119 87	121 51	80 3.05	91 -0.4	117 47	124 27.8	80 -2.4	97 65	126 48.4	129 190	110 60	129 -83	106 0.7	115 22.0	114 -17.1	108 -2.1	110 37.7	103 -1	123 34	109 1.62	92 -1.26	76 -2.08
ZEF 240131 98172471		ZEF 220076		126 87	80 87	102 85	110 85	112 84	101 79	83 86	80 84	95 80	83 84	89 9	130 -2.20	99 -1.5	88 5	80 3.9	102 4.3	88 44	82 8.5	81 9	92 17	78 -1	83 -0.6	88 5.3	128 -25.1	95 0.4	111 38.4	95 -7	82 -3	83 -1.07	119 3.07	102 0.13
ZEF 240133 98172497	2	LAR 190319 ZEF 160135		87 89	126 90	96 88	78 87	104 86	113 81	122 89	138 86	120 82	131 86	130 63	85 2.49	107 -2.5	127 61	126 28.9	96 2.6	106 88	133 54.4	134 209	109 57	116 -63	123 1.6	105 15.9	111 -15.4	94 0.5	109 37.0	119 12	131 42	111 1.81	97 -0.39	98 -0.23

Breeding Values and Accuracies: Cows & Heifers

Value <80 Value >120

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Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass		
ID Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
			Sire ID Dam ID																															
ZEF 240134 98172505	1	 LAR 190319  ZEF 120099		94 89	109 88	102 87	90 86	88 85	98 80	107 88	101 85	97 81	102 86	106 31 86	90 1.97 90	117 -3.9 87	110 37 86	109 20.0 88	102 4.5 87	105 86 87	114 37.3 87	99 77 86	125 95 84	97 -32 84	105 0.6 87	99 12.4 87	85 -0.9 85	93 0.8 84	103 33.6 86	101 -2 86	104 17 86	99 0.61 85	83 -2.60 86	103 0.15 85
ZEF 240135 98172513	2	 LAR 200104  ZEF 190196		81 89	134 89	85 87	84 87	114 86	120 81	125 88	150 86	129 82	135 86	124 56 86	81 2.95 90	98 -1.3 88	119 50 87	134 33.2 89	85 -1.0 87	108 92 88	141 61.4 88	151 272 87	119 81 85	144 -109 85	112 1.0 87	130 30.8 87	118 -19.5 86	99 -0.3 84	114 40.3 87	134 24 87	144 53 87	119 2.60 86	90 -1.60 86	87 -1.19 86
ZEF 240136 98172521	1	 LAR 200104  VV 140206		77 89	139 90	104 88	75 88	109 86	128 81	139 89	154 87	136 82	139 87	133 68 87	73 3.83 90	96 -1.0 88	130 67 88	139 35.8 90	104 4.8 88	120 122 89	141 61.4 88	151 272 87	106 49 86	130 -86 86	112 1.0 88	120 24.7 88	110 -14.7 86	92 0.9 85	121 44.8 87	118 12 88	135 45 87	136 4.31 87	100 -0.01 87	81 -1.65 87
ZEF 240140 98172547	1	 LAR 190319  ZEF 160076		119 89	105 90	88 88	105 87	88 86	103 81	106 89	91 86	100 82	104 86	99 22 87	120 -1.09 90	140 -7.0 88	94 13 87	105 17.4 90	88 0.2 88	97 67 88	102 27.1 88	95 60 87	101 38 86	100 -36 85	139 2.5 88	109 18.1 87	89 -2.9 86	87 1.7 85	108 36.8 87	92 -9 87	99 13 87	94 0.08 86	120 3.29 86	70 -2.59 86
ZEF 240141 98172554	3	 LAR 190319  AG 200276		110 89	93 89	106 87	112 87	83 86	94 81	100 88	92 86	92 82	91 86	92 13 86	108 0.09 90	125 -5.0 88	87 3 87	93 11.3 89	106 5.5 87	106 88 88	90 15.9 88	92 49 86	90 13 86	96 -29 85	118 1.3 87	104 15.2 87	76 4.3 86	90 1.2 84	104 34.5 87	80 -19 87	80 -4 87	84 -0.93 86	121 3.30 86	117 1.41 86
ZEF 240142 98172562	1	 LAR 200104  ZEF 160119		104 90	110 90	113 88	95 88	111 86	123 82	117 89	125 86	125 83	118 87	110 36 87	108 0.16 90	96 -1.1 89	102 26 88	110 20.1 90	113 7.7 88	119 118 89	113 36.6 88	129 190 87	113 66 85	128 -82 85	90 -0.2 88	140 36.9 88	117 -18.9 86	91 1.0 85	122 45.4 87	106 1 88	123 34 87	114 2.06 87	98 -0.22 87	100 -0.08 87
ZEF 240144 98172588	1	 LAR 200104  ZEF 180122		112 90	120 90	106 88	85 88	99 87	125 82	128 89	150 87	133 83	134 87	129 63 87	108 0.19 91	120 -4.3 89	116 46 88	120 25.6 90	106 5.7 88	114 107 89	126 48.1 88	151 272 87	111 62 86	135 -94 86	124 1.7 88	137 35.0 88	108 -13.8 86	82 2.6 86	119 43.6 88	123 15 88	131 41 88	119 2.54 87	106 0.96 87	102 0.11 87
ZEF 240145 98172596	2	 LAR 190319  ZEF 200091		81 90	123 91	105 89	80 88	104 87	112 82	120 90	118 87	114 83	121 88	126 58 88	81 2.94 91	101 -1.7 89	123 57 88	123 27.2 91	105 5.3 89	112 102 89	130 51.7 90	122 162 88	116 75 87	124 -77 86	145 2.8 89	122 25.7 89	90 -3.2 87	108 -2.0 86	112 38.9 88	115 9 89	132 42 88	111 1.79 88	84 -2.42 88	97 -0.32 88
ZEF 240147 98172612		 ZEF 220236		91 88	106 88	111 86	97 86	104 85	108 80	107 87	137 86	114 81	115 85	110 37 86	95 1.52 89	88 0.1 87	101 23 86	106 18.3 88	111 7.2 86	115 109 87	115 38.1 86	139 225 86	108 55 85	155 -126 85	116 1.2 86	136 34.3 86	123 -22.4 85	83 2.4 84	111 38.4 86	119 12 86	128 38 86	99 0.57 85	91 -1.37 85	107 0.56 85
ZEF 240149 98172638	2	 LAR 190319  ZEF 200110		84 90	130 90	71 88	82 88	102 87	104 82	116 89	108 87	104 83	109 87	128 62 88	70 4.15 91	108 -2.6 89	122 55 88	130 31.4 90	71 -5.1 88	93 57 89	129 50.8 88	106 103 87	126 98 86	118 -66 86	118 1.3 88	113 20.4 88	87 -1.6 87	110 -2.4 86	104 34.4 88	113 8 88	116 28 88	95 0.17 87	73 -4.16 87	73 -2.32 87
ZEF 240152 98172661	1	 LAR 200104  ZEF 140171		99 90	109 90	84 88	96 88	119 86	109 82	101 89	112 86	110 83	102 87	106 31 87	97 1.32 91	105 -2.3 89	104 28 88	109 19.9 90	84 -1.2 88	93 56 89	113 37.0 88	110 117 87	105 47 86	133 -91 85	96 0.1 88	121 25.2 88	111 -15.2 86	117 -3.6 85	108 36.9 88	107 2 88	114 26 87	101 0.82 87	83 -2.68 87	57 -3.67 87
ZEF 240158 98172679	2	 LAR 200104  ZEF 180182		123 88	102 88	101 86	105 85	105 84	118 80	112 87	95 84	114 81	110 84	97 19 85	120 -1.15 89	131 -5.8 86	93 11 85	102 16.2 88	101 4.1 86	107 91 86	99 24.0 86	99 75 85	82 -8 83	100 -36 83	115 1.2 86	103 14.4 85	97 -7.2 84	103 -1.0 82	113 39.9 85	112 7 85	105 18 85	97 0.41 84	133 5.24 85	98 -0.21 84

Breeding Values and Accuracies: Cows & Heifers

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass			
ID Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
ZEF 240161 98172703	1	 LAR 200104  VV 140032			82 89	114 90	109 88	112 87	114 86	122 81	120 89	101 86	119 82	102 86	93 14	85 2.49	125 -4.9	87 3	114 22.6	109 6.5	131 148	111 35.2	104 93	110 61	122 -72	129 1.9	109 18.1	105 -12.3	107 -1.8	121 44.3	103 -1	115 27	113 1.98	90 -1.57	66 -2.97
ZEF 240162 98172711	2	 LAR 190319  ZEF 130133			88 91	115 91	103 89	89 89	100 87	107 83	113 90	106 88	107 84	103 88	114 42	84 2.62	105 -2.3	111 38	115 23.1	103 4.7	110 99	120 42.8	109 112	119 81	123 -75	127 1.8	123 26.8	93 -5.3	103 -1.1	105 35.0	115 9	121 32	105 1.20	83 -2.58	53 -4.01
ZEF 240164 98172729	2	 LAR 190319  FCT 120032			88 89	110 89	104 87	92 87	117 85	112 81	107 88	105 86	111 82	109 86	105 30	88 2.24	96 -1.0	107 33	110 20.4	104 5.0	109 95	109 33.1	103 92	104 45	97 -32	131 2.0	106 16.6	124 -22.8	109 -2.1	102 32.9	90 -11	99 13	89 -0.38	125 3.98	88 -1.12
ZEF 240168 98172745	2	 LAR 190319  ZEF 200055			117 89	109 89	91 87	109 87	93 86	112 81	116 88	101 86	110 82	108 86	103 28	114 -0.52	110 -3.0	90 8	109 20.0	91 0.9	107 89	107 31.1	98 74	91 15	75 5	110 0.9	97 10.9	109 -14.3	84 2.4	103 33.4	75 -23	93 7	102 0.91	104 0.75	95 -0.47
ZEF 240169 98172752	3	 LAR 190319  AG 170252			111 89	96 90	112 88	93 87	102 86	106 81	100 89	111 86	107 82	109 86	109 35	114 -0.43	104 -2.2	105 30	96 12.8	112 7.4	104 82	102 26.3	114 132	98 31	107 -49	115 1.2	123 26.5	90 -3.4	113 -2.9	101 32.2	90 -11	89 4	92 -0.15	112 1.89	136 2.96
ZEF 240170 98172760	4	 LAR 190442  ZEF 210066			85 89	99 88	126 86	105 86	87 85	98 80	107 88	111 85	100 81	108 85	103 27	86 2.41	85 0.4	92 10	99 14.4	126 11.7	127 139	106 30.1	111 120	113 66	99 -36	110 0.9	107 17.3	79 2.7	90 1.2	113 39.9	95 -7	98 12	93 -0.01	96 -0.57	90 -0.91
ZEF 240171 98172778		 BBM 180016  ZEF 130065			117 90	95 90	124 88	102 88	131 86	132 82	110 89	118 86	132 83	117 86	99 22	117 -0.75	108 -2.6	95 14	95 12.0	124 11.2	119 120	105 29.5	118 147	120 85	130 -86	111 0.9	122 25.8	113 -16.4	128 -5.6	121 44.5	118 11	122 33	100 0.69	122 3.50	123 1.86
ZEF 240172 98172786	1	 BBM 180016  CRV 140029			110 89	102 89	94 87	107 87	116 86	114 81	104 88	93 86	110 82	95 86	93 14	109 0.09	104 -2.2	92 9	102 15.8	94 1.9	101 76	98 22.9	100 79	97 29	94 -27	128 1.9	95 9.8	102 -10.0	116 -3.5	113 39.7	79 -20	87 2	104 1.13	112 2.02	93 -0.70
ZEF 240183 98172869		 ZEF 220248			130 88	85 88	103 86	130 86	100 85	110 80	101 87	98 84	108 81	88 85	78 -7	130 -2.17	106 -2.4	74 -16	85 6.9	103 4.5	103 80	92 17.6	102 86	94 22	101 -38	118 1.3	105 15.5	104 -11.2	96 0.1	109 37.2	98 -5	95 10	99 0.57	89 -1.70	96 -0.43
ZEF 240184 98172877	1	 LAR 190442  VV 160358			104 89	115 89	116 87	88 86	115 85	130 81	123 88	114 85	129 82	120 86	116 45	107 0.28	102 -1.9	111 38	115 23.0	116 8.5	120 122	119 41.9	108 108	99 32	105 -44	113 1.1	102 13.8	112 -16.0	105 -1.4	116 41.6	109 4	111 23	108 1.51	108 1.36	113 1.03
ZEF 240188 98172901	2	 LAR 190442  ZEF 160106			106 88	109 89	102 86	102 86	69 85	97 80	113 88	112 85	99 81	113 85	102 27	107 0.26	99 -1.4	96 16	109 19.6	102 4.3	113 104	113 36.6	105 98	87 4	106 -46	100 0.3	105 15.6	86 -0.9	64 5.9	102 32.9	103 -1	109 21	122 2.92	96 -0.54	77 -1.98
ZEF 240190 98172927	1	 LAR 190442  ZEF 170001			129 90	117 90	103 88	103 88	108 87	140 82	134 89	140 87	144 83	138 87	106 31	128 -1.98	139 -6.9	95 15	117 24.1	103 4.5	122 125	120 43.0	135 210	105 48	122 -73	104 0.5	137 34.7	100 -9.4	106 -1.6	113 39.4	105 1	122 33	128 3.51	133 5.29	121 1.75

Breeding Values and Accuracies: Cows & Heifers

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass		
ID	Inbreeding	Genomic	Index	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
Animal no	%	Parentage	EBV Acc																															
ZEF 240191 98172935	1	MCU 180167 VWV 070038		95 90	115 89	119 88	93 88	113 87	128 81	125 89	113 87	127 82	120 86	111 38 88	91 1.92 91	108 -2.6 89	105 29 88	115 23.0 88	119 9.7 88	127 140 88	115 38.7 88	111 120 87	105 48 86	99 -34 86	112 1.0 88	109 17.9 88	113 -16.4 87	113 -2.9 86	98 30.5 88	110 5 88	112 24 87	103 0.97 86	123 3.66 86	91 -0.81 86
ZEF 240195 98172968		ZEF 220165		86 87	110 87	97 85	90 85	100 84	97 79	102 86	102 84	97 80	100 84	108 35 84	86 2.40 88	96 -1.1 86	110 37 85	110 20.3 87	97 2.8 85	101 77 86	112 35.8 86	104 96 84	109 58 83	95 -29 83	106 0.6 85	107 17.2 85	98 -8.0 84	101 -0.8 83	101 32.5 85	100 -3 85	101 14 84	99 0.57 84	104 3.66 84	115 1.20 84
ZEF 240196 98172976	2	LAR 190442 VV 140024		95 89	122 89	106 87	95 87	109 85	126 81	128 88	120 86	127 82	124 86	110 37 86	91 1.97 90	114 -3.4 88	104 27 87	122 26.7 89	106 5.6 87	123 130 88	124 46.8 88	123 167 86	117 78 85	126 -79 85	88 -0.4 87	114 21.4 87	109 -14.4 85	97 0.0 84	118 43.0 87	112 6 87	124 35 86	102 0.94 85	117 2.77 86	91 -0.82 85
ZEF 240197 98172984	1	LAR 190442 ZEF 200075		105 89	109 90	110 87	98 87	103 86	118 81	117 89	119 86	119 82	113 86	104 29 87	100 0.93 90	112 -3.2 88	99 21 87	109 19.7 90	110 6.8 87	117 115 88	112 35.9 88	118 147 87	109 59 85	113 -58 85	114 1.1 88	106 16.6 87	114 -17.1 86	87 1.9 85	117 42.0 87	105 1 87	111 24 87	110 1.68 86	96 -0.52 87	85 -1.30 86
ZEF 240200 98173016	1	MCU 180167 JHK 110133		93 89	115 89	114 87	93 87	115 85	125 81	120 88	135 85	129 82	117 85	117 46 86	95 1.48 90	95 -0.9 88	106 30 87	115 22.8 89	114 8.2 87	122 127 88	117 39.8 88	138 223 86	116 74 84	132 -89 84	114 1.1 87	109 18.4 87	127 -24.4 85	97 0.1 84	111 38.7 86	111 5 87	127 37 86	118 2.45 85	102 0.36 85	99 -0.18 85
ZEF 240205 98173057	2	MCU 180167 EB 170061		107 89	99 90	110 88	108 87	112 86	115 81	107 89	114 86	116 82	113 86	94 15 87	103 0.65 90	115 -3.6 88	90 8 87	99 14.1 90	110 6.7 88	113 105 88	100 25.3 88	113 129 87	96 27 85	113 -58 85	73 -1.2 88	108 17.5 88	106 -12.8 86	109 -2.1 85	111 38.4 87	114 8 87	123 34 87	94 0.10 85	119 3.07 86	131 2.55 85
ZEF 240206 98173065	1	LAR 190442 ZEF 150100		100 90	93 90	106 88	127 88	88 86	97 82	103 89	85 86	93 83	86 86	-2 87	1.34 91	-1.1 89	77 -11 88	93 11.0 90	106 5.7 88	113 105 89	89 15.3 88	86 27 87	83 -6 85	73 8 85	127 1.8 88	93 8.4 88	92 -4.8 86	93 0.7 85	97 30.2 88	92 -9 88	83 -1 87	105 1.16 86	97 -0.39 87	61 -3.40 86
ZEF 240209 98173081		BBM 180016 ZEF 130002		132 90	106 89	88 88	115 88	87 86	114 81	117 89	95 86	110 82	114 86	95 17 88	127 -1.85 91	124 -4.8 89	86 1 88	106 18.0 89	88 -0.1 88	103 80 88	99 24.4 88	90 42 87	75 -25 86	77 1 86	113 1.1 88	120 24.5 88	86 -0.9 86	86 2.0 85	107 35.8 88	85 -15 88	92 6 87	102 0.85 86	138 6.12 87	101 -0.01 86
ZEF 240211 98173099		ZEF 220102		78 87	125 87	112 85	81 85	115 84	123 79	125 86	137 84	128 80	132 84	120 51 84	80 3.02 88	93 -0.6 86	121 52 85	125 28.5 87	112 7.3 85	120 122 86	130 52.2 86	136 214 84	120 85 83	132 -89 83	91 -0.2 85	125 28.0 85	123 -22.1 84	102 -0.9 83	108 36.6 85	116 10 85	127 38 84	121 2.81 84	128 4.47 84	92 -0.78 84
ZEF 240212 98173107		ZEF 220169		83 87	121 87	97 86	79 85	108 84	109 79	114 87	110 84	109 80	121 84	126 59 85	85 2.51 88	98 -1.3 86	125 58 85	121 26.3 87	97 2.8 86	104 82 86	121 43.6 86	114 132 85	109 57 84	119 -68 84	103 0.5 85	112 19.7 85	93 -5.3 84	110 -2.3 84	114 40.0 85	117 10 85	116 28 85	112 1.85 84	123 3.75 84	140 3.35 84
ZEF 240213 98173115	2	LAR 190442 ZEF 200028		77 89	118 90	98 87	87 87	105 86	104 81	108 89	119 86	107 82	117 86	112 39 87	77 3.41 90	89 0.0 88	113 42 87	118 24.7 90	98 3.0 87	107 91 88	119 41.8 88	114 134 87	96 27 85	105 -44 85	88 -0.4 88	91 7.6 87	100 -8.9 86	103 -1.1 85	112 39.3 87	101 -3 87	112 24 87	94 0.09 86	110 1.58 87	99 -0.12 86
ZEF 250003 99106791	1	MCU 180167 FCT 100038		108 70	105 60	90 54	100 50	120 37	114 51	103 59	103 38	112 48	105 30	99 22 42	104 0.56 75	118 -4.1 59	99 21 50	105 17.4 60	90 0.8 54	96 65 55	105 29.2 55	106 102 50	96 27 16	116 -63 22	112 1.0 57	101 13.3 56	125 -23.6 37	116 -3.4 22	97 29.9 52	123 15 54	113 26 50	114 2.08 29	111 1.71 31	98 -0.26 28

Breeding Values and Accuracies: Cows & Heifers

Value <80 Value >120

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Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass		
ID Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
			Sire ID Dam ID																															
ZEF 250006 99106817	2	MCU 180167 ZEF 190085		117 66	98 57	107 45	106 49	122 33	123 47	107 55	91 32	117 44	97 25	98 21 40	114 -0.44 72	112 -3.2 55	92 10 49	98 13.6 57	107 6.0 45	109 95 50	94 19.2 52	93 53 45	93 19 12	98 -33 16	99 0.3 51	94 9.3 50	117 -18.8 34	119 -3.9 18	108 36.8 46	111 6 49	109 22 46	96 0.29 24	108 1.31 26	102 0.11 24
ZEF 250014 99106841		CRV 110212		87 61	96 63	111 44	94 38	103 29	93 46	92 56	88 30	90 43	92 32	105 30 37	90 2.01 66	89 -0.1 48	105 29 38	96 13.0 63	111 7.1 44	104 82 48	94 19.8 39	94 56 32	81 -10 18	86 -13 26	101 0.4 37	97 10.9 36	99 -8.8 29	121 -4.4 20	75 16.3 39	99 -4 35	98 12 33	78 -1.51 31	92 -1.27 33	108 0.64 31
ZEF 250015 99106858		ZEF 170015		97 59	107 61	99 42	92 39	119 29	111 45	102 54	104 26	110 41	102 26	116 45 39	99 1.11 64	98 -1.3 47	107 33 39	107 18.5 61	99 3.3 42	101 76 47	107 31.4 39	108 110 28	110 60 20	106 -46 22	80 -0.8 29	111 19.1 29	126 -24.0 31	122 -4.5 20	80 19.5 37	112 6 29	110 23 28	98 0.47 25	91 -1.36 26	113 1.05 25
ZEF 250023 99110926		ZEF 200018		118 57	91 59	95 35	120 36	122 23	115 42	97 51	84 20	109 38	87 22	87 6 35	121 -1.21 63	96 -1.1 44	83 -3 36	91 10.2 59	95 2.2 35	96 64 43	91 17.0 34	87 29 23	91 15 11	90 -20 15	92 -0.1 26	97 11.2 25	130 -26.1 23	125 -5.0 13	82 20.6 32	93 -8 25	93 7 23	90 -0.32 21	97 -0.48 23	98 -0.24 21
ZEF 250026 99110934	2	LAR 190442 ZEF 220230		127 65	92 68	95 44	121 44	89 31	103 49	103 60	94 31	100 45	90 39	90 10 39	122 -1.31 72	120 -4.3 52	83 -4 44	92 10.5 68	95 2.3 44	98 67 52	94 19.5 52	97 66 33	99 33 16	95 -28 16	124 1.6 50	110 18.7 48	95 -6.1 33	87 1.8 17	101 32.5 44	87 -13 47	86 1 43	90 -0.36 37	101 0.22 41	98 -0.26 37
ZEF 250028 99110959		ZEF 220212		92 56	91 57	89 31	114 33	118 20	92 39	82 49			82 19	87 6 31	92 1.79 63	86 0.3 41	86 2 33	91 9.9 57	89 0.4 31	88 45 40	93 18.4 30	85 24 21	100 36 7	86 -13 12	104 0.5 25	106 16.3 24	110 -15.0 24	130 -5.9 10	87 23.8 27	84 -16 23	82 -2 21	78 -1.49 18	101 0.26 20	116 1.25 18
ZEF 250031 99110983		AG 160049		102 61	91 39	85 40	117 39	127 30	102 38	87 43	63 24	93 35	73 22	85 3 39	98 1.23 67	104 -2.1 49	85 0 39	91 10.1 39	85 -0.8 40	86 39 39	87 13.4 35	69 -38 27	92 16 21	63 24 20	91 -0.2 29	77 -1.2 28	127 -24.4 31	138 -7.5 21	73 15.3 37	86 -14 28	79 -5 27	79 -1.40 21	94 -0.94 22	103 0.20 21
ZEF 250035 99111957	3	LAR 190442 ZEF 220136		105 64	104 57	91 39	94 35	88 30	93 44	99 52	110 30	95 41	107 38	104 29 38	102 0.79 71	111 -3.1 48	105 30 35	104 17.0 57	91 0.8 39	93 56 44	110 33.8 50	109 112 41	109 57 17	98 -33 15	120 1.5 49	110 18.5 47	80 2.2 31	92 0.8 17	109 37.4 43	100 -3 46	102 15 42	97 0.42 36	102 0.42 41	113 1.03 37
ZEF 250036 99111015		ZEF 200187		96 57	101 35	109 31	99 34	111 21	108 33	102 37	90 22	104 31	98 22	104 29 33	95 1.46 64	100 -1.5 43	99 21 34	101 15.4 35	109 6.5 31	109 95 33	100 24.9 30	92 49 22	100 36 10	84 -10 20	101 0.4 26	98 11.8 25	113 -16.3 24	123 -4.7 12	77 17.5 28	99 -4 24	97 11 22	88 -0.50 21	105 0.91 22	97 -0.31 21
ZEF 250037 99111023	3	LAR 190442 ZEF 220240		106 65	98 68	93 44	100 43	96 30	94 49	95 60	105 31	95 45	98 39	100 23 38	103 0.61 72	108 -2.6 51	98 20 43	98 13.9 68	93 1.6 44	93 56 52	105 29.4 49	105 98 41	111 63 16	96 -30 17	111 1.0 49	99 12.3 47	91 -3.9 32	99 -0.3 16	108 36.7 42	96 -7 46	96 10 42	100 0.70 37	104 0.73 41	88 -1.10 36
ZEF 250039 99111049	1	BBM 210266 ZEF 210211		97 66	112 68	114 48	87 45	102 33	114 51	115 61	124 33	118 47	123 32	109 36 42	99 1.05 72	100 -1.6 54	113 41 45	112 21.4 68	114 8.0 48	115 110 54	115 38.8 48	122 163 41	116 75 18	120 -70 22	112 1.0 49	116 22.5 47	105 -11.7 34	101 -0.7 20	101 32.2 44	102 -2 46	111 23 42	116 2.29 30	117 2.81 33	115 1.19 30
ZEF 250040 99111056		ZEF 180189		109 59	99 60	114 40	90 38	97 26	104 44	102 53	98 24	103 40	105 26	114 42 38	111 -0.18 65	105 -2.2 47	109 36 38	99 14.1 60	114 8.0 40	105 86 46	100 25.0 36	105 100 25	99 34 12	106 -47 21	108 0.8 28	116 22.5 27	89 -2.7 27	114 -3.1 16	85 22.8 34	105 1 27	107 20 25	91 -0.20 25	100 0.06 26	115 1.23 25

Breeding Values and Accuracies: Cows & Heifers

Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass			
ID Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
ZEF 250041 99111064				ZEF 200274	103 57	105 58	114 34	89 35	97 24	108 41	109 50	85 22	102 37	92 22	114 43	102 0.80	109 -2.8	111 38	105 17.5	114 8.1	110 98	101 25.5	91 47	92 16	90 -21	104 0.6	102 14.3	98 -8.2	112 -2.6	79 19.2	106 1	106 19	91 -0.26	96 -0.65	78 -1.96
ZEF 250044 99111676	3			ZEF 220070 ZEF 220261	116 64	96 65	101 43	107 43	96 29	103 48	101 58	92 28	100 44	97 36	95 16	113 -0.37	112 -3.2	92 10	96 12.5	101 4.1	101 77	95 20.7	97 70	90 11	96 -30	111 0.9	122 26.2	82 1.2	102 -0.9	112 39.2	93 -9	97 11	106 1.30	102 0.44	102 0.07
ZEF 250046 99111692	1			ZEF 220070 ZEF 220154	118 62	109 64	93 41	99 42	113 27	121 46	113 57	90 29	116 43	99 36	101 25	113 -0.43	124 -4.8	100 22	109 19.7	93 1.6	103 80	105 29.0	96 63	82 -7	90 -21	109 0.8	111 19.2	98 -7.8	112 -2.8	118 42.5	95 -7	99 12	111 1.76	110 1.63	89 -0.99
ZEF 250047 99111700	3			ZEF 220070 ZEF 220210	98 63	111 65	91 42	95 43	112 29	110 47	107 58	87 29	105 43	96 37	108 34	94 1.65	109 -2.8	105 29	111 21.1	91 0.8	100 73	105 29.4	92 49	79 -14	90 -20	107 0.7	111 19.1	98 -7.8	112 -2.7	114 40.1	100 -3	97 11	106 1.34	95 -0.68	95 -0.45
ZEF 250049 99111718	1			BBM 210266 ZEF 210125	102 66	108 67	106 47	99 44	101 32	112 50	113 60	120 31	114 46	116 28	103 27	99 1.07	106 -2.4	99 21	108 19.2	106 5.7	113 105	113 36.3	120 156	119 81	126 -79	95 0.0	116 22.2	106 -12.3	100 -0.5	99 31.1	94 -8	108 20	108 1.45	109 1.43	115 1.18
ZEF 250051 99111734				ZEF 140165	91 61	91 61	102 43	98 38	101 25	85 45	83 55	76 22	80 40	76 24	101 24	90 2.07	98 -1.3	100 22	91 10.0	102 4.2	93 56	89 15.0	80 4	87 4	88 -17	104 0.5	98 11.4	100 -9.0	117 -3.7	77 17.9	100 -3	92 6	86 -0.72	92 -1.25	73 -2.34
ZEF 250055 99112815				ZEF 190112	118 59	71 60	96 39	130 38	113 26	91 44	74 53	75 20	86 39	73 21	76 -10	122 -1.35	88 0.1	75 -15	71 -0.8	96 2.6	80 25	76 3.4	80 3	95 24	83 -9	91 -0.2	88 5.9	120 -20.6	117 -3.6	83 21.2	82 -17	77 -7	62 -3.11	99 -0.09	106 0.45
ZEF 250060 99112831	1			ZEF 220259 ZEF 220213	103 63	119 64	78 42	94 43	110 29	114 47	112 57	120 28	116 43	111 36	109 35	104 0.55	103 -2.0	107 32	119 25.3	78 -3.1	96 63	117 40.5	126 179	91 14	132 -89	98 0.2	137 34.9	104 -11.4	108 -1.9	109 37.2	106 1	123 34	99 0.59	100 0.03	124 1.98
ZEF 250062 99112856	2			ZEF 220259 ZEF 220217	95 61	123 62	91 38	93 41	112 25	121 45	120 55	124 26	124 41	118 33	114 42	97 1.26	96 -1.1	107 32	123 27.2	91 1.0	110 97	123 45.8	129 188	86 3	130 -87	103 0.5	144 39.2	116 -18.4	100 -0.5	114 40.4	103 0	121 32	108 1.45	102 0.42	121 1.70
ZEF 250063 99112864				ZEF 140198	110 61	82 62	102 43	115 39	112 28	96 46	84 55	88 26	93 42	86 28	86 4	108 0.14	103 -2.0	85 0	82 5.0	102 4.3	91 53	84 10.3	91 46	102 39	96 -29	105 0.6	95 32	115 -17.7	127 -5.5	70 13.7	100 -3	91 6	75 -1.78	101 0.21	91 -0.86
ZEF 250067 99112906	1			BBM 210266 ZEF 210181	92 66	93 68	101 47	102 45	97 32	86 50	86 61	105 30	88 46	93 28	91 11	94 1.58	89 -0.1	97 17	93 10.8	101 4.1	96 63	97 22.0	93 87	101 67	96 -42	97 0.1	93 8.7	113 -16.5	94 0.6	94 28.0	78 -21	81 -3	100 0.65	102 0.38	112 0.93
ZEF 250075 99112963	3			ZEF 220259 ZEF 220163	93 63	127 65	88 43	88 44	108 30	119 48	121 58	113 30	119 44	111 38	117 47	92 1.84	105 -2.2	113 41	127 29.3	88 -0.1	107 91	122 44.5	116 140	84 -3	122 -73	105 0.6	134 32.8	109 -14.0	106 -1.7	101 32.7	110 5	121 32	104 1.13	89 -1.64	117 1.34

Breeding Values and Accuracies: Cows & Heifers

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass		
ID	% Inbreeding	Genomic Parentage	Index EBV Acc	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
ZEF 250076	1	BBM 210266		101	78	105	121	112	91	79	102	92	92	84	104	83	83	78	105	92	89	104	112	108	97	96	120	106	100	83	86	78	109	126
99112971		ZEF 210196		66	68	47	44	32	50	61	30	46	31	2	0.51	0.7	4	3.2	5.2	55	15.3	93	65	-50	0.1	10.7	-20.2	-1.7	31.7	-17	1	-1.54	1.46	2.12
														41	72	53	44	68	47	53	50	41	17	15	48	46	34	18	43	45	42	30	32	30
ZEF 250079		ZEF 200121		111	96	91	99	111	101	92	86	97	86	99	111	107	100	96	91	88	97	89	97	86	104	102	103	128	81	94	89	81	82	98
99112997				58	59	38	37	26	43	52	24	39	26	22	-0.18	-2.5	22	13.0	0.8	45	22.1	39	28	-14	0.5	13.9	-10.7	-5.6	19.9	-8	4	-1.27	-2.80	-0.21
														36	64	45	37	59	38	45	32	25	12	21	28	28	27	16	34	27	25	25	26	24
ZEF 250082		CRV 110100		88	100	108	94	96	93	96	92	91	96	109	88	96	104	100	108	105	98	98	93	95	96	101	87	116	79	101	103	73	107	89
99113003				62	63	44	39	28	46	56	26	42	28	36	2.22	-1.1	28	14.9	6.3	85	23.1	71	18	-28	0.1	13.3	-1.7	-3.4	19.2	-2	17	-2.05	1.22	-1.01
														36	67	49	39	63	44	49	34	30	17	20	35	33	27	19	37	33	30	27	30	27
ZEF 250086	1	BBM 210266		102	113	95	93	109	114	110	121	117	121	107	107	95	106	113	95	104	116	120	104	115	102	114	113	103	104	92	106	95	112	125
99113011		ZEF 210217		65	55	43	44	30	45	53	31	42	28	32	0.26	-0.9	31	21.9	2.2	84	39.6	155	45	-60	0.4	21.3	-16.5	-1.1	33.9	-10	19	0.16	2.01	2.02
														40	71	52	44	55	43	47	48	38	18	21	46	44	32	18	40	43	39	26	29	26
ZEF 250087	1	BBM 210266		90	110	110	92	92	103	110	110	104	112	108	92	94	107	110	110	114	112	110	107	108	92	108	98	93	97	85	101	104	102	111
99113029		ZEF 210121		66	68	46	44	32	50	61	32	46	27	34	1.85	-0.8	33	20.5	6.8	107	35.4	116	53	-50	-0.1	17.8	-7.7	0.7	29.8	-15	14	1.07	0.44	0.86
														41	72	53	44	68	46	53	48	38	17	22	46	44	33	19	43	43	39	26	28	26
ZEF 250091	1	BBM 210266		98	102	98	98	83	89	99	99	89	96	100	98	99	101	102	98	100	102	99	109	98	108	95	87	95	86	91	92	94	109	115
99113060		VV 110377		69	71	54	49	37	54	65	33	50	29	23	1.17	-1.5	23	16.0	3.3	74	26.8	74	56	-33	0.8	10.0	-1.9	0.4	23.5	-10	6	0.12	1.46	1.17
														46	74	58	49	71	54	58	51	42	18	21	51	49	37	24	49	47	43	27	31	28
ZEF 250094	2	LAR 200104		103	121	97	86	95	114	121	133	119	123	123	103	108	116	121	97	108	120	136	105	132	103	116	103	88	106	110	126	122	90	99
99944993		ZEF 190027		68	61	50	50	35	50	59	40	48	46	54	0.69	-2.7	45	26.1	2.8	92	43.0	216	49	-89	0.5	22.3	-10.8	1.7	35.3	5	37	2.89	-1.51	-0.19
														45	73	57	50	61	50	54	58	50	25	27	54	53	37	20	47	53	50	44	47	44
ZEF 250095	1	LAR 200104		87	126	97	84	109	118	123	133	123	128	125	84	106	118	126	97	111	129	130	114	125	109	115	122	96	108	105	122	122	105	107
99113086		VV 150013		70	72	56	52	37	55	66	41	52	44	57	2.63	-2.3	49	29.0	2.7	99	51.3	194	69	-77	0.8	22.0	-21.4	0.2	36.9	1	33	2.87	0.88	0.56
														46	75	59	52	72	56	60	58	51	27	29	55	55	39	22	50	54	52	43	46	43
ZEF 250097	1	BBM 210266		106	88	109	108	100	96	92	90	94	89	86	106	99	90	88	109	102	92	92	109	98	111	102	99	104	100	76	80	87	101	119
99113094		ZEF 210200		66	68	47	45	31	50	61	29	46	28	4	0.37	-1.4	7	8.5	6.6	79	17.8	48	57	-33	0.9	14.1	-8.6	-1.2	31.5	-22	-4	-0.65	0.18	1.54
														42	72	53	45	68	47	53	48	39	16	16	47	45	32	18	43	44	40	26	29	26
ZEF 250100	1	LAR 200104		121	106	104	104	126	134	116	122	134	116	101	121	110	94	106	104	112	111	123	104	122	122	124	136	106	113	102	114	116	108	85
99113789		ZEF 180179		68	70	54	51	34	53	64	39	50	46	25	-1.19	-2.9	13	18.0	4.8	103	35.1	165	45	-72	1.6	27.2	-29.4	-1.6	39.8	-2	26	2.33	1.32	-1.35
														45	73	57	51	70	54	58	58	49	26	27	54	53	37	20	46	52	50	44	47	44
ZEF 250105	1	BBM 210266		101	93	108	100	89	90	93	100	90	93	93	104	95	97	93	108	102	93	103	92	110	115	99	95	93	94	93	92	88	103	98
99945255		ZEF 210187		65	67	45	45	31	49	60	28	45	28	14	0.60	-0.8	18	11.0	6.3	78	18.8	90	17	-53	1.2	12.5	-6.6	0.7	28.3	-9	6	-0.48	0.51	-0.21
														42	71	52	45	67	45	52	48	40	16	13	47	45	33	18	43	44	40	26	29	26
ZEF 250106	1	LAR 200104		100	114	95	98	116	120	115	125	123	115	105	99	103	101	114	95	109	116	127	98	127	103	115	124	101	112	108	118	111	108	94
99113813		ZEF 190088		69	70	53	51	36	54	64	40	51	46	30	1.11	-2.0	23	22.6	2.3	95	39.6	182	32	-81	0.5	21.9	-22.7	-0.8	38.9	3	30	1.81	1.38	-0.59
														45	74	58	51	70	53	58	58	51	26	28	55	54	39	21	47	54	51	44	48	45

Breeding Values and Accuracies: Cows & Heifers

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass		
ID Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
			Sire ID Dam ID																															
ZEF 250109 99113839	2	LAR 190319 ZEF 180050		88 69	114 71	108 54	93 51	81 37	100 54	115 65	108 38	101 51	109 46	108 34 48	84 2.60 74	113 -3.3 58	105 30 51	114 22.5 71	108 6.1 54	116 112 59	115 38.3 60	106 103 48	105 49 38	110 -53 24	118 1.3 54	103 14.4 53	74 5.7 39	85 2.2 23	111 38.5 50	104 0 52	114 26 49	117 2.38 45	95 -0.68 48	68 -2.74 45
ZEF 250111 99113854	1	LAR 200104 ZEF 190136		92 68	120 60	112 51	91 50	90 33	115 49	125 58	125 38	118 47	123 46	120 50 43	90 2.07 73	103 -2.0 57	108 33 50	120 25.7 60	112 7.5 51	124 131 54	120 42.8 57	129 188 49	98 32 25	126 -79 26	106 0.7 53	122 26.2 52	97 -7.6 36	83 2.5 18	109 37.2 44	106 1 52	121 32 50	121 2.84 44	102 0.36 47	97 -0.31 44
ZEF 250112 99113862	1	LAR 200104 ZEF 130161		81 69	121 71	105 56	83 51	96 35	106 54	117 65	124 40	110 51	118 45	124 56 45	78 3.25 74	102 -1.8 59	118 49 51	121 26.1 71	105 5.2 56	112 103 59	121 44.2 57	130 192 49	96 26 25	131 -88 28	111 0.9 53	130 30.6 52	108 -13.7 36	87 1.7 19	103 33.5 49	114 8 52	122 33 49	122 2.89 43	96 -0.56 47	83 -1.47 44
ZEF 250113 99113870		CRV 110231		84 62	96 63	110 43	94 38	99 26	88 46	90 56	95 26	88 42	91 28	109 35 35	84 2.68 67	93 -0.6 49	105 29 38	96 12.7 63	110 6.7 43	102 78 48	95 20.0 38	102 88 28	83 -5 14	106 -46 22	99 0.2 34	85 3.7 32	96 -7.0 25	120 -4.2 16	72 14.8 37	115 9 31	108 21 28	80 -1.28 26	96 -0.65 29	104 0.29 26
ZEF 250115 99113896	2	LAR 200104 ZEF 190142		107 68	122 70	103 53	84 51	98 35	122 53	127 64	134 40	126 50	125 46	123 55 45	107 0.27 57	111 -3.0 57	118 49 51	122 27.1 70	103 4.5 53	112 103 58	119 42.4 58	136 215 51	100 37 26	126 -80 28	115 1.1 55	109 18.3 54	105 -12.0 38	90 1.3 21	105 34.8 47	101 -2 54	121 32 51	133 4.01 45	99 -0.16 48	86 -1.24 45
ZEF 250120 99113938	4	ZEF 220070 ZEF 220260		119 62	91 64	96 40	102 42	112 27	104 46	92 56	95 30	102 43	99 36	99 22 41	114 -0.52 69	121 -4.4 49	96 17 42	91 10.1 64	96 2.5 40	90 49 49	97 21.8 40	100 80 35	97 29 10	88 -17 20	114 1.1 44	112 19.7 42	94 -5.6 32	112 -2.7 14	120 44.2 36	82 -17 41	88 3 36	109 1.57 34	110 1.63 39	110 0.80 33
ZEF 250121 99113946		ZEF 160055		91 60	82 61	105 42	106 38	107 26	82 44	75 54	87 20	81 39	82 26	89 9 39	93 1.71 65	86 0.3 47	92 10 38	82 5.1 61	105 5.3 42	91 52 47	87 13.6 33	93 53 25	96 27 14	104 -43 14	106 0.6 29	107 16.7 28	107 -13.3 25	121 -4.4 16	76 17.3 36	103 -1 28	92 6 26	72 -2.12 24	104 0.62 27	97 -0.33 25
ZEF 250122 99113953	1	LAR 190319 ZEF 170004		95 69	134 71	94 55	85 52	102 40	126 55	134 65	134 42	131 52	137 50	126 59 49	93 1.68 74	108 -2.7 59	118 48 52	134 33.2 71	94 1.9 55	116 111 59	138 59.4 60	133 203 52	111 62 41	129 -85 29	110 0.9 57	133 32.2 56	109 -14.3 42	90 1.3 27	112 38.8 51	104 0 55	131 41 53	123 3.03 48	110 1.61 51	135 2.93 48
ZEF 250124 99113979	1	BBM 210266 FCT 120103		90 69	104 71	109 54	96 47	98 35	100 53	103 65	112 34	102 49	109 32	97 20 45	90 2.06 74	96 -1.0 57	102 25 47	104 17.1 71	109 6.4 54	110 98 57	107 31.3 49	113 128 44	108 55 18	121 -71 22	101 0.4 52	90 6.9 50	104 -11.2 34	99 -0.4 22	97 29.6 48	99 -4 49	105 18 44	89 -0.41 31	115 2.42 33	117 1.33 30
ZEF 250125 99113987		AG 140273		94 60	107 62	94 42	90 39	97 28	95 45	98 55	90 20	92 40	95 20	112 40 39	93 1.73 66	103 -1.9 48	110 37 39	107 18.4 62	94 1.8 42	96 63 48	99 24.0 34	92 49 25	83 -5 19	88 -18 15	99 0.2 28	87 4.9 27	96 -6.7 28	115 -3.3 19	74 16.0 38	104 0 27	101 14 26	97 0.40 19	89 -1.72 27	100 -0.03 19
ZEF 250126 99113995	1	BBM 210266 VV 130127		97 69	92 71	103 53	123 46	104 33	100 53	97 64	100 33	99 49	98 28	80 -4 45	99 1.05 74	83 0.7 56	81 -6 46	92 10.6 71	103 4.6 53	106 89 57	95 20.6 49	101 82 41	102 40 17	115 -61 21	97 0.2 50	112 19.8 48	112 -16.1 33	103 -1.1 20	93 27.6 47	91 -10 46	96 10 42	78 -1.49 27	114 2.27 30	125 2.03 27
ZEF 250128 99114019	1	BBM 210266 ZEF 180173		98 67	99 58	98 49	116 46	94 33	98 48	101 56	103 32	98 45	98 28	86 4 44	98 1.18 73	89 -0.1 55	85 0 46	99 14.6 58	98 3.2 49	106 89 51	99 24.4 49	101 83 39	107 52 19	103 -41 21	101 0.4 47	112 19.7 45	97 -7.3 34	98 -0.2 21	95 28.5 44	75 -23 44	83 -1 40	97 0.35 27	113 2.15 30	100 -0.06 27

Breeding Values and Accuracies: Cows & Heifers

Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass		
ID Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
			Sire ID Dam ID																															
ZEF 250129 99114027		ZEF 200184		98 57	106 58	103 35	100 36	123 23	119 41	108 51	94 22	114 37	100 21	103 27	98 1.22	99 -1.5	98 19	106 18.2	103 4.8	110 97	103 27.9	102 86	86 1	103 -42	100 0.3	110 19.0	123 -22.4	127 -5.5	84 22.1	113 7	108 21	91 -0.23	102 0.34	103 0.19
ZEF 250132 99114050	1	BBM 210266 ZEF 210136		109 66	88 68	97 47	113 45	90 31	87 50	88 61	82 28	83 46	79 26	83 1	107 0.28	103 -1.9	87 3	88 8.3	97 2.7	92 54	87 13.0	85 24	98 31	89 -19	107 0.7	94 9.3	102 -10.4	91 1.1	91 26.3	75 -23	75 -9	89 -0.37	104 0.61	106 0.40
ZEF 250146 6020545940		ZEF 230059		107 56	92 36	86 30	104 29	133 23	105 33	84 37	65 20	95 30	86 18	95 17	105 0.47	106 -2.5	95 15	92 10.6	86 -0.7	82 30	90 15.9	72 -27	90 12	70 13	98 0.2	87 5.2	132 -27.5	141 -7.9	77 17.9	91 -10	88 3	91 -0.18	108 1.35	102 0.07
ZEF 250147 6020545957		ZEF 220068		96 55	95 35	111 27	108 26	106 20	103 31	99 35			85 22	92 13	96 1.37	92 -0.5	90 7	95 12.2	111 7.2	111 100	92 17.7	76 -11	98 31	64 22	111 0.9	86 4.4	109 -14.1	118 -3.8	78 18.4	87 -14	84 0	79 -1.39	102 0.38	94 -0.55
ZEF 250148 6020545965		ZEF 230049		105 55	100 35	108 27	95 26	117 18	113 30	102 35			99 22	105 30	106 0.35	102 -1.9	103 26	100 15.1	108 6.1	105 86	100 24.6	96 63	98 32	93 -25	112 1.0	111 19.2	109 -14.5	129 -5.8	86 23.0	110 5	104 17	96 0.24	106 0.98	109 0.72
ZEF 250151 6020545999		ZEF 230086		94 55	103 34	94 26	93 23	114 17	101 29	96 34			89 20	108 34	90 2.05	108 -2.7	107 32	103 16.5	94 1.9	94 60	99 23.6	91 44		94 -27	99 0.3	107 16.8	112 -16.2	124 -4.9	82 20.7	106 2	102 15	87 -0.63	86 -2.21	69 -2.67
ZEF 250155 6020546039		ZEF 180086		101 58	100 37	103 36	98 37	97 23	99 35	100 40	82 22	94 32	93 25	104 28	100 1.01	103 -1.9	100 22	100 15.1	103 4.7	103 81	96 20.9	89 38	86 2	91 -22	106 0.6	96 10.5	98 -7.9	111 -2.6	78 18.3	101 -2	98 12	99 0.55	106 0.94	92 -0.78
ZEF 250156 6020546047		ZEF 220034		108 57	96 36	99 33	101 36	114 22	106 34	95 39	88 22	101 32	93 22	98 21	107 0.27	105 -2.2	97 18	96 12.7	99 3.3	96 65	95 20.8	92 48	102 40	88 -17	88 -0.4	101 13.2	115 -17.6	121 -4.3	83 21.6	93 -8	94 9	89 -0.39	104 0.65	107 0.56
ZEF 250160 6020546088		ZEF 230120		97 54	96 18	100 16	101 18	118 12	103 21	92 23			87 12	98 21	99 1.10	93 -0.7	97 18	96 12.8	100 3.7	98 68	93 19.1	83 14	93 18	79 -2	89 -0.3	86 4.6	116 -18.5	133 -6.5	72 14.7	98 -5	94 8	81 -1.18	89 -1.64	106 0.48
ZEF 250161 6020546096		AG 200276		109 60	90 37	86 35	102 37	108 24	89 35	80 40	91 20	87 32	85 22	93 14	109 0.06	103 -2.0	97 18	90 9.2	86 -0.6	79 23	88 14.6	94 56	92 16	88 -18	105 0.6	69 -5.6	111 -15.7	119 -4.0	78 18.1	91 -10	88 3	81 -1.25	88 -1.91	88 -1.08
ZEF 250165 6020546120		ZEF 220152		125 57	87 34	92 28	105 23	120 19	106 30	88 35			85 18	95 17	122 -1.36	117 -3.9	94 13	87 7.9	92 1.3	84 34	84 10.8	87 30	91 15	88 -16	96 0.1	101 13.6	109 -14.0	133 -6.4	88 24.4	85 -15	91 5	86 -0.75	94 -0.83	108 0.60
ZEF 250169 6020546161		ZEF 210140		115 57	84 36	106 31	103 35	94 21	90 33	86 38			85 21	96 19	117 -0.75	103 -2.0	95 14	84 6.5	106 5.5	93 56	86 12.0	89 36	91 13	88 -17	100 0.3	106 16.1	99 -8.6	107 -1.9	78 18.5	101 -2	94 8	88 -0.53	88 -1.91	90 -0.90

Breeding Values and Accuracies: Cows & Heifers

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass		
ID	Inbreeding	Genomic	Index	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thickn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
Animal no	%	Parentage	Sire ID Dam ID																															
ZEF 250173 6020546195		ZEF 160076		114 59	90 38	98 40	105 36	117 23	105 36	91 41			87 19	93 14	111 -0.21	110 -2.9	93 12	90 9.6	98 3.1	92 55	88 13.7	87 30	87 4	78 -1	102 0.4	93 8.6	123 -22.5	121 -4.3	83 21.2	105 1	93 7	81 -1.17	101 0.21	104 0.27
ZEF 250179 6020546252		ZEF 220160		97 55	105 34	101 24	94 23	114 19	109 30	103 34			105 19	105 30	96 1.44	103 -2.0	105 29	105 17.7	101 4.0	103 81	104 28.4	100 78	96 27	101 -39	105 0.6	122 26.2	105 -11.9	125 -5.1	88 24.5	100 -3	109 22	104 1.11	111 1.80	113 1.03
ZEF 250180 6020546260		ZEF 150075		107 61	94 40	90 42	118 40	118 27	106 38	94 44	83 24	101 35	87 28	85 3	107 0.22	97 -1.1	85 -1	94 11.4	90 0.7	93 57	93 18.6	86 26	94 20	83 -8	116 1.2	101 13.1	116 -18.0	128 -5.5	82 21.0	93 -9	88 3	89 -0.38	109 1.51	77 -2.04
ZEF 250182 6020546278		AG 120254		95 62	90 41	103 42	104 39	103 28	90 39	86 44	82 22	86 36	89 24	92 13	98 1.20	89 -0.1	94 13	90 9.6	103 4.5	96 64	92 17.7	84 20	97 29	85 -11	97 0.2	91 7.5	114 -17.2	115 -3.2	70 13.5	99 -4	96 10	81 -1.24	88 -1.93	99 -0.12
ZEF 250183 6020546286		ZEF 200093		107 58	98 37	110 34	94 36	112 22	109 34	100 39	82 20	103 31	92 23	105 30	107 0.22	104 -2.2	105 29	98 13.5	110 6.9	104 82	96 21.4	88 33	96 26	83 -10	109 0.8	96 10.2	106 -12.5	128 -5.5	80 19.3	94 -8	97 11	100 0.67	102 0.40	96 -0.42
ZEF 250184 6020546294		ZEF 170001		117 60	107 40	100 41	94 39	118 28	124 38	112 43	113 26	123 36	116 26	112 40	115 -0.63	115 -3.5	105 30	107 18.9	100 3.7	104 83	109 33.4	112 126	107 53	109 -51	76 -1.0	112 19.9	123 -22.2	124 -4.9	79 19.1	108 3	116 28	100 0.72	104 0.75	115 1.19
ZEF 250190 6020546344		ZEF 130002		123 61	89 38	98 42	105 39	113 23	106 37	92 42	84 22	101 34	91 23	94 15	120 -1.07	117 -3.9	94 13	89 8.7	98 3.2	91 51	89 14.8	88 33	97 27	87 -16	84 -0.6	84 3.5	108 -13.9	122 -4.5	87 24.0	105 1	98 12	88 -0.48	103 0.49	87 -1.13
ZEF 250193 6020546369		ZEF 160135		115 59	87 38	99 40	114 36	107 23	100 36	91 41			84 20	90 10	113 -0.38	106 -2.4	86 1	87 7.9	99 3.3	94 58	85 11.1	84 19	94 20	89 -19	102 0.5	94 9.0	112 -15.8	114 -3.1	85 22.3	89 -12	86 1	80 -1.28	98 -0.32	102 0.12
ZEF 250199 6020546427		ZEF 230117		104 56	96 35	100 28	102 28	120 22	108 32	95 36	94 23	105 30	95 24	95 17	104 0.55	99 -1.4	96 17	96 12.9	100 3.7	98 69	98 23.4	97 66	96 25	87 -15	89 -0.3	102 13.8	116 -18.1	131 -6.1	83 21.2	92 -9	90 5	91 -0.24	94 -0.93	106 0.41
ZEF 250201 6020546443		VV 140206		74 61	122 39	98 41	86 37	109 25	108 37	112 42	99 24	106 34	105 20	112 39	51 6.09	72 2.2	115 44	122 26.8	98 3.1	110 97	120 42.9	99 74	105 48	96 -30	106 0.7	95 9.6	112 -15.9	121 -4.3	73 15.5	114 8	110 22	99 0.55	104 0.66	103 0.19
ZEF 250202 6020546450		CRV 140029		100 61	93 39	101 41	103 37	116 23	101 37	90 42	86 24	97 34	85 28	94 16	102 0.72	93 -0.6	95 15	93 11.0	101 4.0	96 64	93 18.9	91 44	101 38	90 -20	103 0.5	93 8.9	120 -20.7	126 -5.2	78 18.2	86 -14	84 0	97 0.36	94 -0.96	121 1.74
ZEF 250203 6020546468		ZEF 210113		96 57	88 36	105 30	98 34	94 21	81 33	82 38			87 19	101 24	95 1.49	100 -1.6	101 23	88 8.3	105 5.2	92 54	88 14.1	96 65	98 31	89 -19	97 0.1	96 10.5	100 -9.0	105 -1.4	80 19.3	102 -1	94 8	82 -1.13	88 -1.84	97 -0.33

Breeding Values and Accuracies: Cows & Heifers

Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass		
ID Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
			Sire ID Dam ID																															
ZEF 250206 6020546492		ZEF 230019		104 55	92 34	96 24	105 22	111 16	98 29	88 34			87 14	96 18	108 0.19	90 -0.3	93 12	92 10.8	96 2.4	92 55	90 15.7	84 18	88 7	75 4	108 0.8	83 2.7	110 -14.8	123 -4.7	80 19.4	90 -11	87 2	84 -0.92	96 -0.66	96 -0.40
ZEF 250210 6020546526		ZEF 220205		83 57	94 36	106 31	104 29	112 22	94 33	89 37	74 20	88 30	85 20	96 18	84 2.62	85 0.5	94 13	94 11.7	106 5.7	103 81	92 18.1	80 3	89 9	79 -2	95 0.1	88 5.8	107 -13.3	122 -4.6	85 22.8	96 -7	90 5	94 0.10	104 0.61	93 -0.65
ZEF 250211 6020546534		ZEF 220076		120 58	82 36	93 33	109 28	124 22	101 33	80 38			82 20	89 8	121 -1.21	106 -2.4	90 7	82 5.1	93 1.5	81 27	82 8.7	76 -10	96 27	70 12	97 0.2	87 4.8	126 -24.0	128 -5.5	85 22.3	88 -12	83 -1	78 -1.57	109 1.55	105 0.37
ZEF 250213 6020546542		ZEF 220040		77 57	106 35	103 30	95 34	115 20	101 32	97 37			98 20	108 34	81 2.98	83 0.7	104 28	106 18.1	103 4.7	106 88	106 30.0	94 57	103 44	84 -11	111 0.9	91 7.4	117 -18.9	121 -4.3	87 23.7	89 -12	94 8	99 0.59	116 2.61	108 0.62
ZEF 250215 6020546567		ZEF 120148		101 61	91 39	105 42	104 37	107 23	97 37	90 43	84 20	93 34	88 26	94 15	103 0.68	95 -0.9	94 13	91 9.9	105 5.2	98 70	91 16.6	87 29	97 28	82 -7	94 0.0	92 7.8	109 -14.1	120 -4.1	76 17.2	94 -8	87 2	75 -1.82	97 -0.48	100 -0.08
ZEF 250217 6020546583		ZEF 200069		114 57	100 35	83 33	95 35	119 21	105 33	93 38	82 20	100 30	93 22	106 32	109 0.04	120 -4.3	105 29	100 14.7	83 -1.6	83 31	93 19.0	89 36	81 -11	86 -15	107 0.7	94 9.5	107 -13.4	129 -5.7	89 25.2	97 -6	99 13	106 1.31	98 -0.24	71 -2.51
ZEF 250219 6020546609		ZEF 190039		107 59	102 37	112 37	91 38	118 24	117 36	105 40	95 23	113 33	101 26	114 42	108 0.16	106 -2.4	107 33	102 13.8	112 6.6	107 91	100 24.6	97 67	96 27	88 -18	96 0.1	101 13.3	116 -18.0	126 -5.3	84 22.2	107 3	107 20	106 1.25	95 -0.71	102 0.14
ZEF 250222 6020546633		VV 170152		109 61	98 38	109 39	100 39	111 27	112 37	102 42	95 26	109 35	106 26	107 33	113 -0.36	96 -1.1	98 19	98 13.8	109 6.6	107 91	99 24.4	99 75	85 -1	83 -9	81 -0.7	107 16.8	109 -14.5	124 -4.9	78 18.2	99 -4	105 18	101 0.79	107 1.09	104 0.23
ZEF 250224 6020546641		FCT 100038		101 62	98 41	83 43	101 37	107 27	92 39	88 44	85 26	88 36	90 26	96 18	97 1.32	108 -2.7	99 20	98 13.8	83 -1.4	84 35	96 21.6	90 41	91 15	92 -24	104 0.5	91 7.6	114 -17.1	118 -3.9	73 15.0	105 1	95 9	101 0.83	103 0.46	91 -0.80
ZEF 250226 6020546658		ZEF 130065		109 61	88 40	108 43	105 39	106 24	99 38	91 44	84 26	95 36	88 28	94 16	109 0.00	100 -1.6	92 11	88 8.2	108 6.3	100 72	88 13.9	89 40	92 43	101 41	97 41	98 32	101 25	84 14	84 22.0	98 -4	96 10	90 -0.30	98 -0.25	93 -0.65
ZEF 250229 6020546682		ZEF 220091		109 58	92 37	97 33	108 29	127 23	109 34	92 38	73 21	101 31	86 21	92 13	106 0.39	107 -2.5	91 8	92 10.4	97 2.7	94 58	89 14.8	81 8	94 21	80 -3	100 0.3	99 12.4	128 -25.3	130 -6.0	85 22.7	96 -6	90 5	84 -0.88	109 1.48	96 -0.44
ZEF 250231 6020546708		CRV 110203		93 62	93 41	102 43	109 39	113 27	98 39	90 44	71 24	91 36	80 26	90 10	96 1.42	83 0.8	90 7	93 11.0	102 4.3	101 75	92 17.9	74 -17	108 56	79 -2	83 -0.6	87 4.9	119 -20.2	124 -4.9	73 15.3	98 -5	86 1	77 -1.58	98 -0.24	112 0.99

Breeding Values and Accuracies: Cows & Heifers

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass		
ID	% Inbreeding	Genomic Parentage	Index EBV Acc	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thickn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
ZEF 250232				105	94	90	107	99	92	90			95	92	102	104	92	94	90	90	92	95	96	97	108	107	91	114	89	95	97	86	110	108
6020546716		ZEF 230029		56	35	26	24	18	30	35			19	13	0.72	-2.1	10	11.8	0.8	50	18.1	59	26	-31	0.8	17.0	-4.0	-3.1	25.0	-7	11	-0.71	1.55	0.63
														22	63	38	24	35	26	28	30	21	5	10	26	25	19	10	24	24	22	18	20	18
ZEF 250233				121	87	95	105	116	103	87			89	95	121	108	93	87	95	86	89	90	96	89	90	88	118	122	85	97	95	91	101	106
6020546724		ZEF 220109		55	34	25	25	19	30	34			20	17	-1.26	-2.6	12	7.8	2.1	39	15.2	41	26	-18	-0.3	5.8	-19.4	-4.5	22.9	-6	9	-0.23	0.18	0.44
														24	63	38	25	34	25	28	26	19	7	12	23	22	24	10	23	22	19	18	21	16
ZEF 250240				111	89	97	100	97	89	85	83	85	82	97	113	100	98	89	97	88	88	89	84	83	94	92	104	106	76	84	87	81	84	91
6020546765		ZEF 220087		57	36	32	28	23	33	38	22	31	22	19	-0.37	-1.6	19	8.8	2.9	44	14.2	37	-4	-9	0.0	8.1	-11.5	-1.7	17.3	-15	2	-1.22	-2.42	-0.87
														28	64	41	28	36	32	32	30	23	15	19	26	25	26	14	28	25	23	21	23	22
ZEF 250241				121	97	95	107	132	123	102	89	117	90	96	118	115	92	97	95	97	94	94	99	91	96	98	137	130	86	94	96	93	90	74
6020546773		ZEF 200075		58	36	36	37	22	34	39	20	31	20	18	-0.86	-3.6	10	13.2	2.2	66	19.2	57	33	-23	0.1	11.9	-30.1	-6.0	23.1	-8	10	-0.02	-1.46	-2.28
														36	64	45	37	36	36	36	34	21	5	17	25	24	25	13	28	24	21	19	21	19
ZEF 250242				121	80	102	114	103	94	84	78	89	84	89	118	112	86	80	102	89	82	77	94	75	89	100	106	114	82	91	82	99	91	113
6020546781		AG 170252		61	39	39	38	27	37	42	22	34	25	8	-0.93	-3.1	1	3.8	4.3	47	8.8	-8	21	4	-0.3	12.5	-12.5	-3.0	20.6	-10	-2	0.55	-1.32	1.00
														38	67	48	38	39	39	39	37	27	15	15	30	30	29	19	33	29	27	24	26	25
ZEF 250244				116	88	87	99	118	96	80	90	94	89	101	117	108	100	88	87	77	89	95	90	90	111	103	113	133	80	92	90	85	83	101
6020546807		ZEF 200091		58	37	36	37	25	35	40	24	33	24	24	-0.76	-2.6	22	8.3	-0.2	19	15.1	59	12	-20	0.9	14.6	-16.6	-6.4	19.3	-9	5	-0.78	-2.62	0.05
														37	64	45	37	37	36	37	32	25	12	22	27	27	27	16	31	27	25	24	25	24
ZEF 250248				103	83	100	126	110	96	86	66	88	74	79	102	92	79	83	100	95	83	65	93	56	98	85	122	115	79	78	73	70	99	103
6020546823		VV 140032		61	40	42	38	24	38	43	24	35	22	-5	0.76	-0.5	-9	5.7	3.8	61	9.7	-51	20	35	0.2	3.7	-21.5	-3.2	18.9	-21	-11	-2.32	-0.18	0.17
														37	67	48	38	40	42	40	38	25	7	22	31	30	25	15	32	29	25	20	23	20

Selection List on Cow Value

Bulls 2 years and older

ID Name Sorted on ID			Sire ID	Dam ID	Visual Score	Inbreeding	Myostatin Q204X nt821 F94L				Genomic test	Calving Ease Value Acc	Calf Growth Value Acc	Milk Value Acc	Maint. Value Acc	Fertility Value Acc	Cow Value Acc	Weaner Calf Value Acc	Growth Value Acc	Prod Value Acc	Carcass Value Acc										
							Italics: DNA Test					★★★★★★																			
1	ZEF 230167	ZEF 230167	ZEF 200173	ZEF 190039	1.5	HH(c)	0	0	0		102	90	131	90	118	88	74	88	104	87	137	82	144	89	120	86	136	83	141	87	
2	ZEF 240008	ZEF 240008	AG 190157	ZEF 200184	0.9	HH(c)	0	0	0		104	89	107	90	117	87	108	87	122	86	132	81	119	89	107	86	129	82	116	86	
3	ZEF 240146	ZEF 240146	LAR 190319	VV 170031	2.2						98	89	118	89	96	87	87	87	135	85	130	81	114	88	135	85	134	82	121	86	
												★★★★★★☆																			
1	RPE 200146	RPE200146	PAD 150078	RPE 120027	7	3.2	HH(c)	0	0	0		105	95	113	94	97	92	99	91	124	91	127	86	115	93	116	91	127	87	110	90
2	ZEF 220014	ZEF 220014	CEF 160402	ZEF 130002	7	0.4		0	0	0		134	71	100	70	93	60	93	58	116	41	120	57	103	67	124	52	122	56	126	62
3	ZEF 220171	ZEF 220171	MCU 190237	ZEF 190162	2.0						106	68	128	69	84	50	82	47	107	35	123	52	126	63	131	42	127	50	133	58	
4	ZEF 220182	ZEF 220182	ZEF 200021	ZEF 200231	8	1.5	HH(c)	0	0	0		105	88	109	89	92	87	101	87	125	85	122	80	109	88	115	86	122	81	111	86
5	ZEF 220259	ZEF 220259	BBM 150029	ZEF 170004	7	1.5	HH(c)	0	0	0		116	91	120	91	82	89	99	88	115	87	128	82	121	90	127	88	130	83	114	88
6	ZEF 230055	ZEF 230055	ZEF 200173	ZEF 190162	1.2	HH(c)	0	0	0		123	89	118	89	89	87	84	87	107	86	124	81	121	88	125	86	126	82	121	86	
7	ZEF 230147	ZEF 230147	V 170167	VV 170152	1.3	HH(c)	0	0	0		108	91	101	91	101	89	102	89	139	88	126	83	103	90	97	88	122	84	119	87	
8	ZEF 230148	ZEF 230148	MCU 190237	ZEF 180040	2.5	HH(c)	0	0	0		98	88	115	88	111	86	91	85	113	84	124	80	120	87	115	84	124	81	116	84	
9	ZEF 240005	ZEF 240005	AG 190157	ZEF 200087	0.9	HH(c)	0	0	0		137	90	92	89	108	88	123	88	101	87	122	81	113	89	81	86	114	82	85	87	
10	ZEF 240006	ZEF 240006	AG 190157	ZEF 200127	1.2	HH(c)	0	0	0		126	88	106	89	82	86	116	86	119	85	125	80	111	88	109	85	124	81	111	85	
11	ZEF 240010	ZEF 240010	AG 190157	ZEF 200112	1.2						115	88	91	89	101	86	112	86	137	85	121	80	97	88	90	84	116	81	89	85	
12	ZEF 240011	ZEF 240011	AG 190157	ZEF 200166	1.0	HH(c)	0	0	0		112	90	104	90	100	88	106	88	114	87	120	82	109	89	108	86	118	83	116	86	
13	ZEF 240016	ZEF 240016	LAR 200121	ZEF 210160	1.2	HH(c)	0	0	0		128	89	104	89	101	87	98	87	109	86	123	81	112	88	106	86	121	82	117	86	
14	ZEF 240036	ZEF 240036	LAR 200121	ZEF 210122	1.1	HH(c)	0	0	0		98	89	109	89	120	87	87	87	123	86	125	81	113	88	127	86	128	82	121	86	
15	ZEF 240043	ZEF 240043		ZEF 170086	0.0						128	89	86	89	95	87	120	87	133	86	120	81	94	88	94	86	115	82	95	86	
16	ZEF 240068	ZEF 240068		ZEF 200270	0.0	HH(c)	1	0	0		80	89	136	89	99	87	81	87	100	86	121	81	134	88	118	86	122	82	127	86	
17	ZEF 240070	ZEF 240070		ZEF 180133	0.0						106	88	90	88	117	86	111	86	134	85	121	80	100	87	111	84	121	81	96	84	
18	ZEF 240071	ZEF 240071	BBM 180016	ZEF 190209	0.7	HH(c)	0	1	0		117	90	107	90	106	88	101	88	116	87	127	82	117	89	100	87	123	83	101	87	
19	ZEF 240072	ZEF 240072		EB 170054	0.0	HH(c)	0	0	0		90	88	122	88	109	87	78	87	124	85	128	80	123	88	128	86	131	81	131	85	
20	ZEF 240074	ZEF 240074	BBM 180016	ZEF 170005	0.5	HH(c)	0	0	0		120	89	109	88	101	88	98	87	114	86	127	81	118	88	113	86	126	82	125	86	
21	ZEF 240084	ZEF 240084	BBM 180016	ZEF 200011	0.7	HH(c)	0	1	0		92	89	112	89	103	88	88	88	126	86	120	81	108	89	95	86	116	82	110	86	
22	ZEF 240088	ZEF 240088	BBM 180016	ZEF 200079	0.8	HH(c)	0	0	0		109	89	117	89	80	87	105	87	119	86	124	81	117	88	125	86	126	82	127	86	
23	ZEF 240095	ZEF 240095		ZEF 220002	0.0						115	88	114	88	102	86	89	86	109	84	125	80	120	87	110	86	123	81	115	86	
24	ZEF 240151	ZEF 240151	LAR 200104	ZEF 150138	1.0						108	70	118	72	103	56	88	52	109	38	125	55	121	66	152	52	133	54	137	64	

Selection List on Cow Value

Bulls 2 years and older

ID	Name	Sire ID	Dam ID	Visual Score	Horned / Polled	Myostatin	Calving Ease Value	Calf Growth Value	Milk Value	Maint. Value	Fertility Value	Cow Value	Weaner Calf Value	Growth Value	Prod Value	Carcass Value
Sorted on ID				% Inbreeding		Q204X nt821 F94L	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc
						<i>Italics: DNA Test</i>										
25	ZEF 240159	ZEF 240159	LAR 200104	ZEF 150075	0.4											
26	ZEF 240182	ZEF 240182	LAR 190442	ZEF 200069	1.5											
1	ZEF 200113	ZEF 200113	ZEF 170116	VV 140206	7	2.2	0	0	0							
2	ZEF 220125	ZEF 220125	V 170167	EB 170067	0.9											
3	ZEF 220196	ZEF 220196	MCU 190237	ZEF 190116	7	1.3	HH(c)	0	0	0						
4	ZEF 230064	ZEF 230064	BBM 180016	ZEF 140113	0.5	HH(c)	0	0	0							
5	ZEF 230084	ZEF 230084	ZEF 200185	BTM 190002	1.2	HH(c)	0	0	0							
6	ZEF 230106	ZEF 230106	CEF 160402	ZEF 200149	0.8	HH(c)	1	0	0							
7	ZEF 230109	ZEF 230109	BBM 180016	ZEF 150075	0.4	HH(c)	0	0	0							
8	ZEF 230112	ZEF 230112	ZEF 200173	ZEF 190157	1.7	HH(c)	0	0	0							
9	ZEF 230124	ZEF 230124	BBM 180016	ZEF 130065	0.2	HH(c)	0	0	0							
10	ZEF 230155	ZEF 230155	CEF 160402	ZEF 200044	1.2	HH(c)	0	0	0							
11	ZEF 230158	ZEF 230158	ZEF 200173	ZEF 190027	1.2	HH(c)	0	0	0							
12	ZEF 230196	ZEF 230196	ZEF 200099	CRV 110150	0.7	HH(c)	0	0	0							
13	ZEF 240026	ZEF 240026	LAR 200121	ZEF 210065	1.2	HH(c)	0	0	0							
14	ZEF 240035	ZEF 240035	LAR 200499	ZEF 170015	1.7											
15	ZEF 240037	ZEF 240037		ZEF 180086	0.0											
16	ZEF 240047	ZEF 240047	BBM 180016	ZEF 180179	0.7	HH(c)	0	0	0							
17	ZEF 240076	ZEF 240076		ZEF 200101	0.0											
18	ZEF 240079	ZEF 240079		ZEF 200163	0.0	HH(c)	0	0	0							
19	ZEF 240087	ZEF 240087	BBM 180016	ZEF 210272	0.7	HH(c)	1	0	0							
20	ZEF 240091	ZEF 240091		ZEF 220083	0.0	HH(c)	0	0	0							
21	ZEF 240111	ZEF 240111		ZEF 220133	0.0	HH(c)	0	0	0							
22	ZEF 240112	ZEF 240112		ZEF 190162	0.0	HH(c)	0	0	0							
23	ZEF 240119	ZEF 240119	BBM 180016	ZEF 200263	0.5	HH(c)	0	0	0							
24	ZEF 240148	ZEF 240148	LAR 190319	ZEF 180040	2.0											
25	ZEF 240174	ZEF 240174	LAR 190319	ZEF 200149	2.3											

Selection List on Cow Value

Bulls 2 years and older

ID			Name	Sire ID	Dam ID	Visual Score	Inbreeding	Myostatin				Genomic test	Calving Ease Value	Calf Growth Value	Milk Value	Maint. Value	Fertility Value	Cow Value	Weaner Calf Value	Growth Value	Prod Value	Carcass Value									
Sorted on ID								Q204X	nt821	F94L		Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc									
												★★★★★																			
26	ZEF 240176	ZEF 240176	MCU 180167	ZEF 160059	1.4	Pp(c)	0	0	0		112	89	95	89	110	88	108	87	112	86	114	81	104	89	87	86	109	82	91	85	
27	ZEF 240180	ZEF 240180	LAR 190442	ZEF 200044	1.0	HH(c)	0	0	0		100	90	115	90	120	88	79	88	90	87	114	82	123	89	133	88	119	83	128	88	
28	ZEF 240194	ZEF 240194	LAR 190442	ZEF 180002	0.9						79	88	140	89	81	87	76	86	110	85	119	80	131	88	128	86	123	81	132	86	
29	ZEF 240198	ZEF 240198		ZEF 220066	0.0						94	56	107	58	95	32	95	25	124	20	112	39	102	49				99	21		
30	ZEF 240334	ZEF 240334	LAR 200499	VV 150013	1.3	HH(c)	0	0	0		93	90	110	90	103	88	94	88	109	87	111	82	110	89	108	86	111	83	108	86	
												★★★★☆																			
1	HS 220096	HS220096	HS 180284	HS 170267	6	0.6	HH(c)	0	0	0		98	88	110	88	101	85	91	85	88	83	100	79	109	87	116	82	103	80	112	82
2	SYF 210519	SYF210519	SYF 190045	ADV 080153	7	4.7		0	0	0		132	71	95	72	73	59	128	56	94	43	102	57	99	67	86	45	98	55	86	54
3	ZEF 210070	ZEF 210070	CRV 180033	ZEF 130130	7	1.2		1	0		86	68	120	70	96	54	85	51	100	37	107	54	114	64	117	34	109	50	120	38	
4	ZEF 220092	ZEF 220092	CEF 160402	CRV 110203	7	1.5	HH(c)	0	0	0		108	91	96	91	97	89	116	89	101	87	103	83	100	90	84	88	98	84	91	88
5	ZEF 220119	ZEF 220119	MCU 190237	ZEF 190008		1.2					100	68	109	69	94	50	85	48	100	35	100	52	102	63	127	44	106	50	124	60	
6	ZEF 220121	ZEF 220121	MCU 190237	ZEF 190137	7	2.7					81	66	127	68	88	45	79	45	94	33	102	50	118	60	120	39	106	48	122	58	
7	ZEF 220198	ZEF 220198	MCU 190237	ZEF 190098	6	0.8	Pp(c)	0	0	0		98	89	115	89	84	87	83	87	108	85	105	81	106	88	114	86	107	82	115	87
8	ZEF 220203	ZEF 220203	CRV 170257	CRV 110026	7	1.2					79	71	121	73	110	58	78	53	94	40	105	57	118	67	131	45	111	55	126	64	
9	ZEF 220243	ZEF 220243	BBM 150029	ZEF 160119		1.0					111	70	102	71	97	57	114	54	86	40	103	56	109	66	87	42	99	53	91	61	
10	ZEF 230078	ZEF 230078	MCU 190237	ZEF 160076	1.8	Pp(c)	0	0	0		111	89	101	90	89	88	96	87	117	86	108	81	97	89	108	86	108	82	103	86	
11	ZEF 230090	ZEF 230090	ZEF 200099	VV 090052	1.3	HH(c)	0	0	0		102	89	105	89	86	87	95	87	113	85	103	81	97	88	105	86	103	82	105	86	
12	ZEF 230092	ZEF 230092	BBM 180016	FCT 100038	1.2	HH(c)	0	0	0		85	91	121	91	84	89	86	89	113	88	108	83	109	90	107	88	108	84	114	88	
13	ZEF 230100	ZEF 230100	ZEF 200173	ZEF 190012	3.9	HH(c)	1	0	0		81	88	132	88	93	86	71	86	92	85	107	80	128	87	130	85	112	81	122	85	
14	ZEF 230161	ZEF 230161	AG 190157	ZEF 210196	1.6	HH(c)	0	0	0		121	90	101	90	75	88	99	88	117	87	107	82	93	89	102	86	106	83	101	86	
15	ZEF 230169	ZEF 230169	ZEF 200185	ZEF 200110	1.6	HH(c)	1	0	0		93	88	112	88	72	86	95	86	128	85	107	80	97	87	108	84	108	81	110	85	
16	ZEF 230171	ZEF 230171	MCU 190237	ZEF 180002	1.2	Pp(c)	0	0	0		103	88	116	89	73	87	86	86	116	85	108	80	103	88	108	85	108	81	119	85	
17	ZEF 240019	ZEF 240019		ZEF 190088	0.0						88	88	121	88	92	86	94	86	85	85	101	80	117	87	100	84	100	81	107	85	
18	ZEF 240024	ZEF 240024	LAR 200121	ZEF 210225	1.1						95	88	120	88	75	86	95	86	112	85	109	80	108	87	107	85	109	81	108	85	
19	ZEF 240052	ZEF 240052		ZEF 180173	0.0						111	87	96	87	96	86	125	85	92	84	102	79	105	87	97	84	101	80	87	84	
20	ZEF 240053	ZEF 240053	LAR 200121	ZEF 210113	1.3	HH(c)	1	0	0		77	89	124	89	110	87	75	87	91	85	105	81	123	88	125	86	110	82	132	85	
21	ZEF 240060	ZEF 240060	LAR 200499	ZEF 130082	0.5	HH(c)	0	0	0		111	90	92	90	98	88	119	88	107	86	104	82	98	89	86	86	100	83	88	86	
22	ZEF 240062	ZEF 240062	BBM 180016	CRV 180158	0.6	HH(c)	0	0	0		110	90	104	90	107	89	107	89	86	87	107	82	114	90	81	87	101	83	94	88	

Selection List on Cow Value

Bulls 2 years and older

ID		Name	Sire ID	Dam ID	Visual Score	Horned / Polled	Myostatin			Genomic test	Calving Ease Value	Calf Growth Value	Milk Value	Maint. Value	Fertility Value	Cow Value	Weaner Calf Value	Growth Value	Prod Value	Carcass Value
Sorted on ID					% Inbreeding		Q204X	nt821	F94L		Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc
						Italics: DNA Test														
										★★★★☆										
23	ZEF 240093	ZEF 240093		ZEF 220089	0.0					🇪🇺	9488	11688	9086	8386	9785	10180	10987	11386	10381	11786
24	ZEF 240102	ZEF 240102		ZEF 220191	0.0	HH(c)	0	0	0	🇪🇺	11887	9787	8185	12085	10484	10479	9886	9584	10280	9984
25	ZEF 240150	ZEF 240150	LAR 200104	ZEF 200053	1.0					🇪🇺	10789	10689	9687	10287	9585	10681	10988	8886	10182	10188
26	ZEF 240160	ZEF 240160	LAR 190319	ZEF 130179	0.4	HH(c)	0	0	0	🇪🇺	9291	11791	9189	9989	9987	10783	11490	10088	10684	10688
27	ZEF 240165	ZEF 240165	LAR 200104	ZEF 150109	1.1	HH(c)	1	0	0	🇪🇺	9090	11890	9789	9088	9887	10882	11390	13487	11483	11987
28	ZEF 240173	ZEF 240173	LAR 190319	ZEF 190066	1.0	HH(c)	0	0	0	🇪🇺	8890	11890	10288	8888	9587	10682	11589	12688	11183	12488
29	ZEF 240175	ZEF 240175	LAR 190442	ZEF 220091	0.9	HH(c)	0	0	0	🇪🇺	12890	8790	8988	13087	9986	10381	9689	7687	9782	8588
30	ZEF 240181	ZEF 240181	LAR 190442	ZEF 220187	1.2	HH(c)	0	0	0	🇪🇺	9889	10090	11987	9987	8786	10181	10689	11586	10382	11286
31	ZEF 240187	ZEF 240187	LAR 190442	VV 160416	1.5					🇪🇺	11988	10088	10086	9885	10284	10980	10387	11185	11081	12486
32	ZEF 240189	ZEF 240189		ZEF 220254	0.0	HH(c)	0	0	0	🇪🇺	12587	9087	9484	10584	11083	10679	9486	10284	10580	10083
33	ZEF 240201	ZEF 240201	LAR 190442	CRV 110203	2.2					🇪🇺	12189	9689	9687	10486	10685	10881	10188	9285	10582	9685
34	ZEF 240204	ZEF 240204		ZEF 220106	0.0						12557	8358	8533	11826	11823	10140	8449	6820	9336	7721
										★★★★										
1	ZEF 220005	ZEF 220005	BBM 150029	ZEF 160166	60.6						12570	8670	10157	11954	8339	9455	9666	8942	9152	9060
2	ZEF 220026	ZEF 220026	CRV 170257	CRV 110231	71.1	HH(c)	1	0	0	🇪🇺	8490	13190	8289	7488	7587	9382	12290	11588	9783	11588
3	ZEF 220111	ZEF 220111	BBM 180016	OLI 140260	1.1						9670	9272	10256	11152	9938	9255	9266	9044	9053	9260
4	ZEF 230143	ZEF 230143	MCU 190237	ZEF 160135	2.0	HH(c)	0	0	0	🇪🇺	10089	10790	7988	9287	10486	9581	9489	11186	9782	10686
5	ZEF 230153	ZEF 230153	BBM 180016	VV 140032	0.8	HH(c)	0	0	0	🇪🇺	11490	9090	8789	12588	9987	9682	9390	7287	8983	9087
6	ZEF 230173	ZEF 230173	V 170167	AG 170252	0.8	HH(c)	0	0	0	🇪🇺	10290	9090	9189	10789	12187	9882	8490	7787	9283	9987
7	ZEF 230184	ZEF 230184	BBM 180016	FCT 120032	0.7	HH(c)	0	1	0	🇪🇺	9891	10091	10589	9488	9387	9482	9890	8587	9183	10187
8	ZEF 240007	ZEF 240007	AG 190157	FCT 120103	1.2					🇪🇺	10590	9990	10988	9887	7586	9081	10389	10386	9182	10386
9	ZEF 240039	ZEF 240039	BBM 180016	ZEF 180175	0.7	HH(c)	0	0	0	🇪🇺	11390	9390	8589	12188	9287	9382	9490	7987	8883	8487
10	ZEF 240041	ZEF 240041	LAR 200121	ZEF 210200	1.2					🇪🇺	10288	10288	9486	10786	9285	9780	10087	9485	9581	9584
11	ZEF 240055	ZEF 240055		VV 090219	0.0						8862	10163	8245	9739	12329	9547	8456	7426	8943	7924
12	ZEF 240058	ZEF 240058	LAR 200499	ZEF 130037	0.7	HH(c)	0	0	0	🇪🇺	8690	12090	10688	8088	7686	9782	11889	11486	10083	12686
13	ZEF 240065	ZEF 240065	LAR 200499	AG 110455	6.0	HH(c)	0	0	0	🇪🇺	8390	11890	8488	9088	9687	9682	10689	11786	10083	11886
14	ZEF 240066	ZEF 240066		ZEF 160055	0.0	HH(c)	0	0	0	🇪🇺	7988	11888	9887	7386	10485	9980	10988	12385	10481	11985
15	ZEF 240099	ZEF 240099	LAR 190442	ZEF 210055	3.4	HH(c)	0	0	0	🇪🇺	11090	8890	8688	11687	10986	9481	8489	8286	8982	8686

Selection List on Cow Value

Bulls 2 years and older

ID	Name	Sire ID	Dam ID	Visual Score	Horned / Polled	Myostatin				Calving Ease Value	Calf Growth Value	Milk Value	Maint. Value	Fertility Value	Cow Value	Weaner Calf Value	Growth Value	Prod Value	Carcass Value												
Sorted on ID				% Inbreeding		Q204X	nt821	F94L	Genomic test	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc												
				<i>Italics: DNA Test</i>																											
										★★★★																					
16	ZEF 240105	ZEF 240105	ZEF 220096	0.0	HH(c)	0	0	0	🧬	107	87	94	87	90	85	106	85	105	84	95	79	89	86	106	84	96	80	107	84		
17	ZEF 240115	ZEF 240115	LAR 190442	ZEF 210107	1.1	HH(c)	1	0	0	🧬	106	89	86	90	99	87	112	87	100	86	90	81	86	89	95	86	89	82	86	88	
18	ZEF 240132	ZEF 240132	LAR 200104	ZEF 190002	1.1	HH(c)	0	0	0	🧬	89	89	122	90	71	88	85	88	96	86	94	81	104	89	134	88	102	82	126	88	
19	ZEF 240143	ZEF 240143	LAR 200104	ZEF 120148	0.4	HH(c)	1	0	0	🧬	94	90	102	90	95	88	96	88	93	86	91	82	95	89	123	87	96	83	108	88	
20	ZEF 240193	ZEF 240193	LAR 190442	ZEF 160140	0.8	HH(c)	0	0	0	🧬	134	90	70	90	100	88	139	88	96	87	95	82	85	89	70	87	88	83	66	88	
										★★★★☆																					
1	HP 180322	HP180322	AJF 120346	HP 100133	7	2.0	HH(c)	0	0	0	🧬	83	93	125	93	79	88	87	89	67	86	84	83	109	92	144	86	95	84	135	88
2	ZEF 240067	ZEF 240067		ZEF 160166	0.0					🧬	124	88	94	88	84	86	104	86	80	85	87	80	92	87	77	84	82	81	83	84	
3	ZEF 240137	ZEF 240137	LAR 190442	ZEF 210042	1.0	HH(c)	0	0	0	🧬	112	89	89	89	100	87	107	87	88	85	89	81	91	88	102	86	90	82	100	88	
4	ZEF 240199	ZEF 240199	LAR 190442	VV 160212	1.4					🧬	92	89	105	89	70	87	106	86	106	85	89	81	88	88	86	86	86	82	94	86	
5	ZEF 240208	ZEF 240208	LAR 190442	ZEF 170080	1.5	HH(c)	0	0	0	🧬	113	90	94	90	88	88	113	87	84	86	88	81	93	89	103	87	89	82	95	88	

Selection List on Cow Value

Cows 2 years and older

ID		Name	Sire ID	Dam ID	Visual Score	Horned / Polled	Myostatin			Genomic test	Calving Ease Value	Calf Growth Value	Milk Value	Maint. Value	Fertility Value	Cow Value	Weaner Calf Value	Growth Value	Prod Value	Carcass Value				
Sorted on ID					% Inbreeding		Q204X	n1821	F94L		Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc				
							Italics: DNA Test																	
										★★★★★★														
1	EB 170054	EB170054	MCU 100095	EB 130098	8 0.3	HH(c)	0	0	0		98 91	117 91	119 90	78 90	134 87	137 83	124 91	125 86	138 84	124 86				
2	EB 170067	EB170067	MCU 100095	EB 120026	6 0.5	HH(c)	0	0	0		114 90	108 89	116 89	99 88	114 84	130 81	120 89	122 84	131 82	117 83				
3	VV 160358	VV16-0358	VV 130022	VV 140184	6 4.9	HH(c)	0	0	0		114 92	104 91	106 91	105 91	137 88	136 83	114 91	86 87	128 84	102 88				
4	VV 170152	VV17-0152	VV 120286	VV 140123	7 8.8	HH(c)	0	0	0		109 93	116 93	121 92	91 92	108 90	134 85	129 93	125 90	135 86	139 90				
5	ZEF 170001	ZEF 170001	VV 120139	VV 090233	8 3.4	HH(c)	0	0	0		111 94	142 93	103 93	81 92	122 90	154 85	152 93	156 90	160 86	150 90				
6	ZEF 170005	ZEF 170005	VV 120139	ZEF 130002	7 0.4	HH(c)	0	0	0		118 92	119 91	116 91	90 90	104 87	137 83	134 91	130 87	139 84	143 87				
7	ZEF 180179	ZEF 180179	ZEF 150140	ZEF 140026	6 0.6	HH(c)	0	0	0		128 91	88 90	117 90	133 89	143 86	143 82	111 90	99 86	137 83	104 86				
8	ZEF 190039	ZEF 190039	ZEF 160062	ZEF 170015	8 3.3	HH(c)	0	0	0		104 93	124 92	126 92	77 92	122 90	145 84	139 92	124 89	145 85	129 90				
9	ZEF 190135	ZEF 190135	ZEF 160062	VV 140055	7 2.2	HH(c)	0	0	0		114 91	113 91	149 89	92 90	93 87	140 83	143 90	95 87	134 84	122 87				
10	ZEF 190162	ZEF 190162	TEW 140014	VV 100009	6 1.4	HH(c)	0	0	0		118 91	125 90	101 90	94 90	111 87	140 82	137 90	129 86	142 83	128 86				
11	ZEF 200018	ZEF 200018	ZEF 170139	EB 170055	6 2.2	HH(c)	0	0	0		108 89	118 89	92 88	115 88	128 85	139 81	126 89	108 85	136 82	113 85				
12	ZEF 200053	ZEF 200053	ZEF 170077	ZEF 180042	7 0.8	HH(c)	0	0	0		111 91	115 90	96 89	102 90	133 87	138 82	121 90	108 87	134 83	115 87				
13	ZEF 200055	ZEF 200055	ZEF 170139	EB 180001	7 2.2	HH(c)	1	0	0		77 90	139 89	105 88	80 89	123 86	138 81	140 89	117 86	137 82	131 86				
14	ZEF 200075	ZEF 200075	ZEF 170077	ZEF 180052	7 0.8	HH(c)	0	0	0		112 92	121 91	93 90	104 90	144 88	150 83	130 91	113 88	147 84	107 88				
15	ZEF 200101	ZEF 200101	ZEF 170077	ZEF 180078	7 0.7	HH(c)	0	0	0		108 91	118 90	80 89	96 90	144 87	135 82	114 90	114 86	133 83	108 87				
16	ZEF 200144	ZEF 200144	ZEF 170077	ZEF 180144	7 0.7	HH(c)	0	0	0		110 90	126 89	113 88	80 87	121 86	145 81	139 89	122 86	144 82	121 86				
17	ZEF 200168	ZEF 200168	ZEF 170116	VV 140102	6 2.6	HH(c)	0	0	0		104 89	118 89	115 87	105 88	116 86	139 81	134 89	128 86	141 82	131 85				
18	ZEF 200184	ZEF 200184	ZEF 170116	ZEF 140026	6 0.8	HH(c)	0	0	0		112 89	99 89	116 88	122 89	135 86	139 81	118 89	114 86	136 82	114 86				
19	ZEF 200231	ZEF 200231	ZEF 170077	ZEF 180100	7 0.4	HH(c)	0	0	0		103 90	128 90	91 89	92 89	127 87	139 82	131 90	116 86	137 83	116 87				
20	ZEF 200270	ZEF 200270	ZEF 160062	ZEF 170122	7 1.8	HH(c)	1	0	0		96 91	134 91	148 90	76 90	98 88	151 83	152 91	133 87	152 84	145 88				
21	ZEF 210125	ZEF 210125	ZEF 180125	ZEF 170001	7 7.5	HH(c)	0	0	0		94 90	132 90	99 89	88 89	109 87	132 82	135 90	144 86	138 83	142 86				
22	ZEF 210211	ZEF 210211	ZEF 160062	ZEF 150138	7 1.8	HH(c)	1	0	0		90 91	131 91	120 90	75 90	112 88	136 83	141 91	147 88	142 84	148 88				
23	ZEF 210217	ZEF 210217	ZEF 170076	ZEF 170004	7 7.5	HH(c)	0	0	0		106 90	141 89	77 88	79 89	124 86	141 81	138 89	144 86	146 82	147 86				
24	ZEF 210262	ZEF 210262	ZEF 160062	ZEF 150130	7 2.3	HH(c)	0	0	0		128 90	115 89	110 88	84 88	116 86	140 81	128 89	116 86	138 82	127 87				
25	ZEF 220154	ZEF 220154	ZEF 200021	ZEF 200166	7 3.0	HH(c)	0	0	0		125 89	104 89	103 88	107 89	117 86	130 81	117 89	98 86	125 82	94 86				
26	ZEF 230049	ZEF 230049	BBM 180016	ZEF 200270	0.7	HH(c)	0	0	0		104 90	119 90	117 88	84 88	120 87	137 82	129 89	119 87	136 83	125 87				
27	ZEF 230066	ZEF 230066	ZEF 200099	VV 150020	1.1	HH(c)	0	0	0		114 89	114 89	110 87	85 87	117 86	131 81	122 88	120 86	131 82	119 86				
28	ZEF 230095	ZEF 230095	BBM 180016	ZEF 170001	0.8	HH(c)	0	0	0		109 91	118 91	96 89	95 89	123 88	132 83	122 90	118 88	132 84	124 88				
29	ZEF 230133	ZEF 230133	ZEF 200185	ZEF 200075	1.6	HH(c)	1	0	0		103 88	121 88	103 86	103 86	139 85	147 80	130 87	111 84	143 81	110 85				
30	ZEF 230135	ZEF 230135	MCU 190237	ZEF 180078	1.7	HH(c)	1	0	0		96 88	132 88	106 86	90 86	124 84	144 80	139 87	123 84	144 81	130 84				

Selection List on Cow Value

Cows 2 years and older

ID	Name	Sire ID	Dam ID	Visual Score	Horned / Polled	Myostatin				Genomic test	Calving Ease Value	Calf Growth Value	Milk Value	Maint. Value	Fertility Value	Cow Value	Weaner Calf Value	Growth Value	Prod Value	Carcass Value											
Sorted on ID				% Inbreeding		Q204X	nt821	F94L		Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc											
				Italics: DNA Test																											
										★★★★★★																					
31	ZEF 230179	ZEF 230179	ZEF 200173	VV 160358	1.4	HH(c)	0	0	0		112	89	127	90	112	88	76	87	109	86	139	81	141	89	108	86	135	82	121	86	
32	ZEF 230195	ZEF 230195	MCU 190237	ZEF 160097	1.6	HH(c)	1	0	0		98	88	123	88	98	86	89	85	123	84	131	80	124	87	121	84	132	81	117	84	
33	ZEF 240015	ZEF 240015	LAR 200121	ZEF 210217	1.1	HH(c)	1	0	0		94	89	149	89	79	87	74	87	119	85	141	81	147	88	151	86	147	82	150	86	
34	ZEF 240025	ZEF 240025		ZEF 200026	0.0						91	88	130	88	106	86	87	86	120	85	137	80	135	87	111	86	135	81	133	85	
35	ZEF 240086	ZEF 240086	BBM 180016	ZEF 200076	0.7	HH(c)	0	0	0		107	89	116	90	117	88	89	88	116	87	134	82	127	89	118	86	134	83	126	87	
36	ZEF 240171	ZEF 240171	BBM 180016	ZEF 130065	0.2	Pp(c)	0	0	0		117	90	95	90	124	88	102	88	131	86	132	82	110	89	118	86	132	83	117	86	
37	ZEF 240184	ZEF 240184	LAR 190442	VV 160358	0.8						104	89	115	89	116	87	88	86	115	85	130	81	123	88	114	85	129	82	120	86	
38	ZEF 240190	ZEF 240190	LAR 190442	ZEF 170001	0.9	HH(c)	0	0	0		129	90	117	90	103	88	103	88	108	87	140	82	134	89	140	87	144	83	138	87	
										★★★★★☆																					
1	VV 150056	VV15-0056	VV 120286	VV 060395	7	2.9	HH(c)	0	0	0		100	92	105	92	82	92	110	91	142	88	121	84	99	92	101	88	118	85	103	88
2	ZEF 130130	ZEF130130	VV 090302	WVW 070140	7	0.5	HH(c)	0	0	0		108	94	112	93	86	94	87	92	136	90	124	85	106	93	113	90	124	86	109	89
3	ZEF 150075	ZEF150075	HCO 090103	ZEF 070029	7	0.0	HH(c)	0	0	0		121	93	101	92	81	93	125	92	122	89	121	84	106	92	101	89	118	85	102	89
4	ZEF 150138	ZEF150138	VV 120139	ZEF 130065	8	0.4	HH(c)	0	0	0		103	94	115	93	112	94	93	93	111	90	127	85	122	93	146	90	133	86	139	90
5	ZEF 170004	ZEF 170004	VV 120139	VV 110355	9	2.1	HH(c)	1	0	0		94	92	135	92	91	92	84	91	110	89	129	84	132	92	149	89	137	85	146	88
6	ZEF 170015	ZEF 170015	VV 120139	WAT 130055	6	1.5	HH(c)	0	0	0		86	93	122	93	104	93	85	92	125	90	126	85	120	93	141	90	132	86	131	89
7	ZEF 180040	ZEF 180040	AG 140108	VV 130053	8	0.8	HH(c)	0	0	0		79	91	124	90	101	90	98	89	116	86	123	82	122	90	98	86	119	83	99	86
8	ZEF 190002	ZEF 190002	TEW 140014	ZEF 130082	6	0.9	HH(c)	0	0	0		102	92	111	92	115	91	102	91	115	89	129	84	123	92	96	88	124	85	105	88
9	ZEF 190088	ZEF 190088	TEW 140014	VV 090052	6	2.3	HH(c)	0	0	0		121	92	95	91	94	91	118	90	125	88	121	83	102	91	104	88	118	84	103	87
10	ZEF 190117	ZEF 190117	CRV 120095	ZEF 130130	8	0.9	HH(c)	0	0	0		97	92	111	92	91	91	86	91	138	89	120	84	101	92	128	88	124	85	121	88
11	ZEF 190196	ZEF 190196	CRV 120095	FCT 110122	6	1.1	HH(c)	0	0	0		97	92	126	91	99	90	85	90	110	88	126	83	126	91	137	87	131	84	128	87
12	ZEF 190209	ZEF 190209	TEW 140014	WAT 100384	7	1.6	HH(c)	0	1	0		97	92	113	91	114	91	101	91	111	88	126	83	121	91	111	88	124	84	105	88
13	ZEF 200026	ZEF 200026	ZEF 170088	VV 170152	8	1.4	HH(c)	0	0	0		124	90	115	90	100	89	97	90	96	87	125	82	125	90	128	86	128	83	131	87
14	ZEF 200079	ZEF 200079	ZEF 170088	ZEF 170001	7	2.0	HH(c)	0	0	0		110	90	128	90	114	89	83	90	76	87	124	82	141	90	148	87	131	83	147	87
15	ZEF 200083	ZEF 200083	ZEF 170077	ZEF 180023	8	1.3	HH(c)	0	0	0		101	91	124	90	101	90	81	90	115	87	128	82	127	90	119	86	128	83	121	87
16	ZEF 200093	ZEF 200093	ZEF 160062	VV 160358	6	2.5	HH(c)	0	0	0		107	92	114	91	122	90	81	91	110	88	129	83	125	91	99	88	124	84	112	88
17	ZEF 200095	ZEF 200095	CRV 120095	CRV 110231	7	0.9	HH(c)	0	0	0		121	92	96	91	111	91	98	91	118	88	120	83	104	91	116	88	120	84	110	88
18	ZEF 200112	ZEF 200112	ZEF 170116	ZEF 140120	8	4.2	HH(c)	0	0	0		88	90	119	90	107	88	95	88	121	86	126	82	121	89	124	86	128	83	125	86
19	ZEF 200127	ZEF 200127	ZEF 170139	ZEF 160008	7	1.8					108	74	117	73	95	71	103	72	110	45	126	62	122	72	114	40	125	58	121	46	

Selection List on Cow Value

Cows 2 years and older

ID		Name	Sire ID	Dam ID	Visual Score	% Inbreeding	Horned / Polled	Myostatin			Genomic test	Calving Ease Value	Calf Growth Value	Milk Value	Maint. Value	Fertility Value	Cow Value	Weaner Calf Value	Growth Value	Prod Value	Carcass Value										
Sorted on ID								Q204X	nt821	F94L		Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc										
					Italics: DNA Test							★★★★★																			
20	ZEF 200138	ZEF 200138	CRV 120095	WVW 120088	7	1.0	HH(c)	0	0	0		120	93	99	92	109	92	96	91	129	89	128	84	107	92	111	89	126	85	107	89
21	ZEF 200149	ZEF 200149	CRV 120095	WVW 070034	8	0.8	HH(c)	1	0	0		95	92	116	91	113	90	85	90	114	88	123	83	119	91	117	88	123	84	119	88
22	ZEF 200166	ZEF 200166	ZEF 160062	ZEF 150075	7	2.3	HH(c)	1	0	0		121	92	109	92	99	91	109	91	103	89	123	84	120	92	106	88	121	85	108	88
23	ZEF 200180	ZEF 200180	ZEF 170116	ZEF 160183	7	1.8	HH(c)	0	0	0		107	90	102	90	109	89	105	89	115	86	120	82	111	90	105	86	118	83	109	86
24	ZEF 200187	ZEF 200187	ZEF 170116	ZEF 140144	7	1.6						92	90	118	90	119	89	90	89	108	87	126	82	127	90	115	87	125	83	124	87
25	ZEF 200275	ZEF 200275	ZEF 160062	ZEF 150105	6	3.3	HH(c)	0	0	0		78	90	134	90	128	88	75	89	83	86	122	82	145	89	126	86	125	83	140	86
26	ZEF 210131	ZEF 210131	CRV 170257	ZEF 190209	6	1.3	HH(c)	0	0	0		88	90	130	91	94	89	81	89	111	87	122	82	126	90	125	87	125	83	126	87
27	ZEF 220034	ZEF 220034	CEF 160402	ZEF 130082	8	1.9	HH(c)	0	0	0		117	92	107	91	98	90	94	90	114	88	121	83	111	91	112	88	120	84	113	88
28	ZEF 220066	ZEF 220066	BBM 180016	ZEF 200075	8	0.6	HH(c)	0	0	0		94	91	120	91	95	89	90	89	130	87	128	83	117	90	123	88	129	84	120	88
29	ZEF 220091	ZEF 220091	V 170167	ZEF 130130	7	1.6	HH(c)	0	0	0		120	92	96	91	94	90	106	89	140	88	125	83	99	91	80	88	117	84	99	88
30	ZEF 220124	ZEF 220124	ZEF 200021	ZEF 200101	7	2.0	HH(c)	0	0	0		99	89	111	89	98	87	92	88	134	85	125	81	108	89	106	86	122	82	97	86
31	ZEF 220152	ZEF 220152	MCU 190237	ZEF 190085	6	1.9	HH(c)	0	0	0		123	90	101	89	88	88	100	87	127	87	120	81	102	89	100	86	117	82	97	86
32	ZEF 230036	ZEF 230036	BBM 180016	VV 150056		0.8	HH(c)	0	0	0		123	90	100	90	79	88	123	88	129	86	123	82	104	89	81	86	115	83	96	86
33	ZEF 230048	ZEF 230048	BBM 180016	CRV 110143		0.6	HH(c)	0	0	0		113	90	108	90	100	88	96	88	114	87	120	82	111	89	102	87	118	83	116	87
34	ZEF 230052	ZEF 230052	BBM 180016	ZEF 200018		0.6						110	68	109	69	93	52	110	50	116	35	123	53	114	63	94	36	118	50	104	42
35	ZEF 230073	ZEF 230073	ZEF 200099	WVW 070038		0.7						88	68	126	70	96	54	86	50	123	37	127	54	124	64	119	34	127	50	105	36
36	ZEF 230104	ZEF 230104	ZEF 200185	ZEF 200144		1.2						124	64	110	53	103	41	90	36	116	30	129	43	118	50	115	34	128	41	118	38
37	ZEF 230117	ZEF 230117	CEF 160402	ZEF 200138	1.1		HH(c)	0	0	0		118	91	104	91	100	89	95	89	127	88	125	83	107	90	123	88	126	84	117	88
38	ZEF 230181	ZEF 230181	AG 190157	ZEF 210159		1.7						114	64	108	66	100	41	99	34	118	30	125	47	113	57	108	25	123	43	111	24
39	ZEF 230191	ZEF 230191	ZEF 200185	ZEF 200231	1.1							111	64	118	66	92	44	96	43	119	30	129	48	121	59	112	34	127	45	114	38
40	ZEF 240013	ZEF 240013	LAR 200121	ZEF 210140	1.0							83	89	132	89	115	87	79	87	96	86	125	81	139	88	136	86	129	82	140	86
41	ZEF 240104	ZEF 240104		ZEF 220034	0.0		HH(c)	0	0	0		128	86	108	87	93	85	99	85	112	83	125	79	115	86	102	84	121	80	111	83
42	ZEF 240135	ZEF 240135	LAR 200104	ZEF 190196	2.0							81	89	134	89	85	87	84	87	114	86	120	81	125	88	150	86	129	82	135	86
43	ZEF 240136	ZEF 240136	LAR 200104	VV 140206	1.5							77	89	139	90	104	88	75	88	109	86	128	81	139	89	154	87	136	82	139	87
44	ZEF 240142	ZEF 240142	LAR 200104	ZEF 160119	1.0		HH(c)	0	0	0		104	90	110	90	113	88	95	88	111	86	123	82	117	89	125	86	125	83	118	87
45	ZEF 240144	ZEF 240144	LAR 200104	ZEF 180122	1.4		HH(c)	0	0	0		112	90	120	90	106	88	85	88	99	87	125	82	128	89	150	87	133	83	134	87
46	ZEF 240161	ZEF 240161	LAR 200104	VV 140032	1.2							82	89	114	90	109	88	112	87	114	86	122	81	120	89	101	86	119	82	102	86
47	ZEF 240191	ZEF 240191	MCU 180167	WVW 070038	0.7							95	90	115	89	119	88	93	88	113	87	128	81	125	89	113	87	127	82	120	86
48	ZEF 240196	ZEF 240196	LAR 190442	VV 140024	1.9							95	89	122	89	106	87	95	87	109	85	126	81	128	88	120	86	127	82	124	86
49	ZEF 240200	ZEF 240200	MCU 180167	JHK 110133	1.0							93	89	115	89	114	87	93	87	115	85	125	81	120	88	135	85	129	82	117	85

Selection List on Cow Value

Cows 2 years and older

ID	Name	Sire ID	Dam ID	Visual Score	Genomic test	Calving Ease Value	Calf Growth Value	Milk Value	Maint. Value	Fertility Value	Cow Value	Weaner Calf Value	Growth Value	Prod Value	Carcass Value																
Sorted on ID				Visual Score	Genomic test	Calving Ease Value	Calf Growth Value	Milk Value	Maint. Value	Fertility Value	Cow Value	Weaner Calf Value	Growth Value	Prod Value	Carcass Value																
				% Inbreeding	Horned / Polled	Q204X	nt821	F94L	Acc	Acc	Acc	Acc	Acc	Acc	Acc																
Italics: DNA Test																															
★★★★★☆☆																															
50	ZEF 240211	ZEF 240211	ZEF 220102	0.0	🇪🇺	78	87	125	87	112	85	81	85	115	84	123	79	125	86	137	84	128	80	132	84						
★★★★★																															
1	CRV 140029	CRV140029	BPJ 100075	CRV 110382	7	1.2	HH(c)	0	0	0	🇪🇺	98	92	103	91	103	91	97	90	119	87	112	83	101	91	107	86	111	84	98	87
2	EB 140151	EB140151	MCU 100095	EB 100165	8	0.0	HH(c)	0	0	0	🇪🇺	88	91	105	90	122	90	84	89	122	85	115	82	105	90	127	84	119	82	118	84
3	FCT 120103	FCT120103	FCT 080012	FCT 100028	5	1.6	HH(c)	0	0	0	🇪🇺	84	92	115	91	107	92	89	89	105	86	110	83	114	91	123	86	113	84	121	86
4	VV 130127	VV13-0127	VV 100378	VV 100313	7	4.9	HH(c)	0	0	0	🇪🇺	109	92	96	91	90	92	129	89	114	86	112	83	102	91	103	86	110	84	106	86
5	VV 150001	VV15-0001	VV 120478	VV 040047	6	3.5	HH(c)	0	0	0	🇪🇺	99	92	104	91	149	91	76	90	99	87	119	83	121	91	124	86	122	84	113	86
6	VV 150013	VV15-0013	VV 120011	VV 040264	7	2.1	HH(c)	0	0	0	🇪🇺🇬🇧	86	93	121	93	97	93	84	92	112	89	115	85	116	93	120	88	117	86	127	88
7	VV 150020	VV15-0020	VV 120133	VV 040242	7	1.4	HH(c)	0	0	0	🇪🇺🇬🇧	135	93	84	92	86	93	110	91	134	89	114	84	86	92	93	88	110	85	96	88
8	VV 160416	VV16-0416	VV 140452	VV 140515	7	2.5	HH(c)	0	0	0	🇪🇺	87	92	112	91	113	91	93	90	103	87	112	83	115	91	100	88	110	84	102	88
9	VV 160516	VV16-0516	VV 140452	VV 140332	6	5.6	HH(c)	0	0	0	🇪🇺	84	90	112	89	109	90	111	89	105	85	115	81	117	89	98	85	112	82	97	85
10	WVW 120088	WVW120088	V 090085	WVW 060036	6	1.2	HH(c)	0	0	0	🇪🇺	96	92	105	92	127	93	80	91	114	88	116	84	110	92	113	86	117	84	120	86
11	ZEF 130002	ZEF130002	JJ 090101	ZEF 070132	7	0.0	HH(c)	0	0	0	🇪🇺	136	91	94	89	98	91	100	89	112	84	117	82	102	90	103	84	115	82	110	84
12	ZEF 130037	ZEF130037	JJ 090048	ZEF 070216	6	0.0	HH(c)	0	0	0	🇪🇺	94	92	112	91	149	92	74	90	76	87	113	83	130	91	114	87	114	84	128	87
13	ZEF 130082	ZEF130082	VV 090302	ZEF 070148	7	0.0	HH(c)	0	0	0	🇪🇺	126	93	90	92	102	93	110	92	115	89	113	84	98	92	78	88	106	85	83	88
14	ZEF 160076	ZEF 160076	VV 140138	ZEF 140104	6	2.3	HH(c)	0	0	0	🇪🇺	116	91	101	90	98	91	101	89	121	86	119	82	105	90	100	86	116	83	102	86
15	ZEF 160119	ZEF160119	VV 120274	FCT 120089	8	1.4	HH(c)	0	0	0	🇪🇺🇬🇧	116	92	107	91	101	91	112	90	93	87	115	83	118	91	96	88	112	84	108	88
16	ZEF 160135	ZEF 160135	VV 140007	ZEF 140016	7	2.7	HH(c)	0	0	0	🇪🇺	112	91	98	90	100	90	120	89	100	85	110	82	109	90	90	85	106	83	95	85
17	ZEF 160140	ZEF160140	HCO 090103	WVW 070034	7	0.5	HH(c)	0	0	0	🇪🇺	134	92	81	91	103	92	133	90	113	88	115	83	99	91	94	87	111	84	87	88
18	ZEF 170080	ZEF 170080	WAT 100074	TEW 120120	7	1.1	HH(c)	0	0	0	🇪🇺	71	93	128	92	101	92	81	92	106	89	112	84	120	92	123	88	115	85	126	88
19	ZEF 180002	ZEF 180002	ZEF 150005	ZEF 160022	8	1.0	HH(c)	0	0	0	🇪🇺	115	89	106	90	88	89	89	89	126	85	117	81	101	89	98	85	114	82	108	86
20	ZEF 180133	ZEF 180133	CRV 120095	TEW 120120	7	1.4	HH(c)	1	0	0	🇪🇺	104	92	107	92	122	91	84	91	105	88	118	84	113	92	130	88	122	85	128	88
21	ZEF 180189	ZEF 180189	CRV 120095	ZEF 130037	7	0.5	HH(c)	0	0	0	🇪🇺🇬🇧	105	92	103	92	137	92	87	92	82	89	111	84	118	92	126	88	115	85	131	88
22	ZEF 190055	ZEF 190055	TEW 140014	ZEF 130159	8	1.6	HH(c)	1	0	0	🇪🇺	98	90	116	89	101	88	88	89	104	86	115	81	116	89	104	86	113	82	106	86
23	ZEF 190142	ZEF 190142	TEW 140014	WAT 130040	8	3.4	HH(c)	1	0	0	🇪🇺	108	92	116	91	114	91	84	90	89	88	117	83	124	91	120	88	118	84	119	88
24	ZEF 200044	ZEF 200044	ZEF 160062	ZEF 140157	7	2.0	HH(c)	0	0	0	🇪🇺	103	92	119	92	120	91	73	91	91	89	118	84	130	92	113	88	118	85	125	88
25	ZEF 200069	ZEF 200069	ZEF 170077	ZEF 180039	8	0.6	HH(c)	1	0	0	🇪🇺	77	90	134	89	71	88	83	89	123	86	116	81	117	89	99	86	113	82	114	86
26	ZEF 200087	ZEF 200087	ZEF 160062	ZEF 130179	7	1.3	HH(c)	0	0	0	🇪🇺🇬🇧	118	92	100	91	106	91	99	91	104	88	113	83	108	91	99	88	111	84	98	88

Selection List on Cow Value

Cows 2 years and older

ID		Name	Sire ID	Dam ID	Visual Score	% Inbreeding	Horned / Polled	Myostatin			Genomic test	Calving Ease Value	Calf Growth Value	Milk Value	Maint. Value	Fertility Value	Cow Value	Weaner Calf Value	Growth Value	Prod Value	Carcass Value										
Sorted on ID								Q204X	nr821	F94L		Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc										
												★★★★★																			
27	ZEF 200104	ZEF 200104	CRV 120095	VV 100364	7	3.4	HH(c)	0	0	0		118	91	110	91	97	90	90	90	105	88	118	83	113	91	133	88	123	84	121	88
28	ZEF 200126	ZEF 200126	ZEF 160062	ZEF 150109	6	3.4	HH(c)	1	0	0		102	92	119	92	100	90	87	90	87	89	110	84	119	91	111	88	110	85	116	88
29	ZEF 200263	ZEF 200263	ZEF 170077	ZEF 180068	6	0.6	HH(c)	0	0	0		101	90	134	90	60	89	91	89	111	87	119	82	120	90	94	87	114	83	107	87
30	ZEF 200274	ZEF 200274	ZEF 160062	VV 150001	7	2.0	HH(c)	1	0	0		117	90	99	90	138	89	89	90	83	87	114	82	119	90	94	87	110	83	97	86
31	ZEF 210121	ZEF 210121	ZEF 180125	VV 170152	7	3.8	HH(c)	1	0	0		79	91	129	91	112	90	82	90	91	87	116	83	131	91	120	88	118	84	125	87
32	ZEF 210128	ZEF 210128	BBM 150029	ZEF 180189	6	0.5	HH(c)	0	0	0		106	90	107	90	124	89	90	90	83	87	110	82	119	90	114	87	112	83	111	87
33	ZEF 210160	ZEF 210160	CRV 170257	ZEF 190098	8	0.8	HH(c)	0	0	0		109	90	115	90	102	88	81	89	91	87	110	82	118	90	113	86	111	83	119	87
34	ZEF 210164	ZEF 210164	ZEF 180125	ZEF 130133	7	1.3	HH(c)	0	0	0		76	91	126	91	112	90	80	90	108	87	119	83	126	91	136	87	124	84	127	87
35	ZEF 210196	ZEF 210196	CRV 170257	ZEF 190039	7	1.7	HH(c)	0	0	0		92	91	127	91	75	90	78	90	124	88	117	83	115	91	124	88	119	84	122	88
36	ZEF 210272	ZEF 210272	CRV 180044	VV 160416	6	1.2	HH(c)	1	0	0		102	90	120	90	99	89	85	90	103	87	119	82	122	90	108	87	118	83	124	88
37	ZEF 220040	ZEF 220040	ZEF 190005	VV 150013	8	2.8	HH(c)	1	0	0		87	91	113	90	104	89	83	89	116	87	111	82	107	90	122	87	114	83	124	87
38	ZEF 220076	ZEF 220076	V 170167	ZEF 120148	7	0.8	HH(c)	0	0	0		133	91	82	91	87	90	108	89	134	88	110	83	81	90	75	87	102	84	92	87
39	ZEF 220089	ZEF 220089	ZEF 190201	BTM 190002	7	1.3						106	69	108	71	106	57	91	46	102	36	112	54	112	65	113	32	113	50	122	40
40	ZEF 220109	ZEF 220109	ZEF 200021	ZEF 200127	7	2.2						114	68	103	67	93	49	101	49	119	38	116	52	104	62	107	32	115	48	105	39
41	ZEF 220122	ZEF 220122	V 170167	ZEF 140113	7	0.9						115	70	91	71	85	59	110	56	138	43	113	57	88	67	70	38	104	53	91	34
42	ZEF 220134	ZEF 220134	BBM 150029	ZEF 160076	7	0.6						123	71	94	71	98	63	108	53	106	42	110	57	101	67	95	31	107	52	92	40
43	ZEF 220139	ZEF 220139	ZEF 190201	BTM 190021	8	1.5						90	67	108	70	112	47	92	45	110	36	112	52	109	62	110	31	112	48	121	38
44	ZEF 220183	ZEF 220183	ZEF 200021	ZEF 200126	6	3.4	HH(c)	0	0	0		128	90	94	90	87	89	106	88	118	87	112	82	95	90	99	86	109	83	95	87
45	ZEF 220210	ZEF 220210	BBM 150029	ZEF 180002	6	0.9	HH(c)	0	0	0		105	89	108	89	91	87	92	88	113	85	111	81	104	88	93	84	107	82	92	85
46	ZEF 220217	ZEF 220217		ZEF 200134	6	0.0	HH(c)	0	0	0		94	87	115	87	99	86	92	87	111	84	115	79	112	87	119	84	117	80	119	84
47	ZEF 220229	ZEF 220229	CRV 170257	CRV 110150	6	1.0	HH(c)	0	0	0		100	89	129	90	69	88	85	87	107	86	113	81	118	89	119	86	115	82	112	86
48	ZEF 220230	ZEF 220230	BBM 180016	AG 160272	6	0.7	HH(c)	0	0	0		121	89	93	89	95	87	135	88	99	86	110	81	107	89	83	85	104	82	86	85
49	ZEF 220236	ZEF 220236	MCU 190237	ZEF 190196	7	1.4						92	70	123	70	82	59	87	48	112	39	113	55	113	65	132	35	118	51	123	38
50	ZEF 230040	ZEF 230040	BBM 180016	ZEF 200093		0.8						105	68	110	70	108	52	92	51	107	35	118	53	115	64	90	36	113	50	103	42
51	ZEF 230043	ZEF 230043	BBM 180016	ZEF 200187		0.7	HH(c)	0	0	0		81	88	125	89	96	87	86	86	114	85	117	80	119	88	122	86	119	81	120	86
52	ZEF 230046	ZEF 230046	BBM 180016	EB 170054		0.4	HH(c)	0	0	0		93	89	117	90	100	88	83	88	116	86	116	81	113	89	103	86	114	82	114	86
53	ZEF 230057	ZEF 230057	AG 190157	ZEF 210055		3.4	HH(c)	0	0	0		106	89	108	90	77	88	100	87	127	86	113	81	99	89	97	86	109	82	101	86
54	ZEF 230059	ZEF 230059	V 170167	AG 160049		1.0	HH(c)	1	0	0		108	91	102	91	73	89	98	89	148	88	118	83	91	90	65	88	107	84	99	87
55	ZEF 230061	ZEF 230061	BBM 180016	EB 170052		0.4						116	69	102	60	97	53	96	52	112	36	113	51	104	59	95	34	110	48	107	39
56	ZEF 230071	ZEF 230071	ZEF 200185	ZEF 200069		1.4						91	64	120	66	83	44	93	44	117	30	115	48	112	59	102	34	113	45	112	38

Selection List on Cow Value

Cows 2 years and older

ID	Name	Sire ID	Dam ID	Visual Score	Horned / Polled	Myostatin			Genomic test	Calving Ease Value	Calf Growth Value	Milk Value	Maint. Value	Fertility Value	Cow Value	Weaner Calf Value	Growth Value	Prod Value	Carcass Value											
						Q204X	nt821	F94L																						
Sorted on ID				% Inbreeding	Italics: DNA Test				Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc											
										★★★★★																				
57	ZEF 230074	ZEF 230074	CEF 160402	ZEF 200180	1.1	HH(c)	0	0	0	🇬🇧	90	90	123	90	95	88	88	88	110	87	118	82	117	89	123	87	120	83	129	87
58	ZEF 230080	ZEF 230080	AG 190157	ZEF 210168	1.9	HH(c)	0	0	0	🇬🇧	121	89	104	89	78	87	112	87	115	86	115	81	105	88	97	86	112	82	88	86
59	ZEF 230086	ZEF 230086	ZEF 200099	ZEF 130179	0.5	HH(c)	0	0	0	🇬🇧	79	89	132	89	92	88	80	87	114	86	119	81	125	89	107	86	118	82	106	86
60	ZEF 230087	ZEF 230087	ZEF 200173	ZEF 190055	1.2					🇬🇧	93	54	129	54	94	43	79	46	104	32	119	43	128	51	113	31	119	41	118	36
61	ZEF 230097	ZEF 230097	ZEF 200173	ZEF 190002	0.9	HH(c)	0	0	0	🇬🇧	91	89	125	89	110	87	84	87	96	86	119	81	129	88	107	86	117	82	110	86
62	ZEF 230105	ZEF 230105	ZEF 200173	ZEF 190066	2.4					🇬🇧	97	65	120	67	98	46	76	45	99	31	110	49	118	60	120	30	113	45	118	38
63	ZEF 230116	ZEF 230116	ZEF 200173	ZEF 190008	1.2	HH(c)	1	0	0	🇬🇧	82	90	139	89	100	88	72	87	89	86	117	81	140	89	132	86	122	82	132	86
64	ZEF 230120	ZEF230120		ZEF 200055	0.0					🇬🇧	92	61	109	36	101	33	93	36	122	24	115	35	106	39	91	20	110	32	102	24
65	ZEF 230121	ZEF 230121	CEF 160402	ZEF 200121	0.7	HH(c)	0	0	0	🇬🇧	99	90	113	90	101	89	85	89	111	87	114	82	110	90	112	88	115	83	105	87
66	ZEF 230122	ZEF 230122	MCU 190237	ZEF 170140	2.2	HH(c)	0	0	0	🇬🇧	111	89	109	89	91	87	84	87	112	86	112	81	106	88	124	86	115	82	111	86
67	ZEF 230134	ZEF 230134	ZEF 200185	ZEF 200053	1.5	HH(c)	0	0	0	🇬🇧	108	88	112	88	84	86	94	86	110	85	111	80	107	87	115	84	112	81	113	85
68	ZEF 230141	ZEF 230141	BBM 180016	ZEF 150138	0.5	HH(c)	0	0	0	🇬🇧	83	91	109	91	110	89	98	89	116	87	113	83	109	90	111	88	113	84	117	88
69	ZEF 230144	ZEF 230144	BBM 180016	CRV 110026	1.0	HH(c)	0	0	0	🇬🇧	100	90	107	90	112	89	88	88	106	87	112	82	110	90	112	86	113	83	109	86
70	ZEF 230168	ZEF 230168	ZEF 200173	ZEF 190196	1.3	HH(c)	0	0	0	🇬🇧	80	89	137	89	88	87	70	87	96	86	111	81	131	88	137	86	117	82	131	86
71	ZEF 230176	ZEF 230176	BBM 180016	ZEF 170080	0.8	HH(c)	0	0	0	🇬🇧	91	90	116	90	88	88	94	88	114	87	112	82	109	89	102	87	110	83	114	87
72	ZEF 230180	ZEF 230180	V 170167	EB 170067	0.9					🇬🇧	120	71	92	72	98	58	110	57	123	42	116	57	97	67	92	36	111	53	105	35
73	ZEF 230194	ZEF 230194	MCU 190237	ZEF 170004	2.2	HH(c)	0	0	0	🇬🇧	93	90	126	90	79	88	83	88	114	87	114	82	115	89	151	86	123	83	138	86
74	ZEF 240023	ZEF 240023	BBM 180016	ZEF 190044	1.0	HH(c)	0	0	0	🇬🇧	100	90	113	90	104	88	97	88	94	87	112	82	118	89	100	87	110	83	110	87
75	ZEF 240032	ZEF 240032	LAR 200121	ZEF 210136	1.8	Pp(c)	0	0	0	🇬🇧	133	89	88	89	101	87	124	87	100	86	111	81	103	88	89	86	107	82	92	86
76	ZEF 240045	ZEF 240045	AG 190157	ZEF 200133	1.2	HH(c)	1	0	0	🇬🇧	116	89	108	90	98	88	115	87	90	86	115	81	119	89	91	86	111	82	103	86
77	ZEF 240077	ZEF 240077		ZEF 200168	0.0					🇬🇧	97	88	109	87	114	86	104	86	103	85	117	80	118	87	114	86	118	81	113	85
78	ZEF 240098	ZEF 240098		ZEF 220152	0.0	HH(c)	0	0	0	🇬🇧	115	87	107	87	89	85	92	85	108	85	110	79	104	86	103	84	109	80	103	84
79	ZEF 240116	ZEF 240116	HK 200042	ZEF 220183	1.2	Pp(c)	0	0	0	🇬🇧	131	88	83	88	95	86	124	86	119	85	113	80	93	87	84	84	107	81	84	84
80	ZEF 240122	ZEF 240122	LAR 190319	ZEF 160097	1.3	HH(c)	0	0	0	🇬🇧	113	90	105	90	92	88	90	88	115	87	112	82	102	89	108	86	112	83	98	87
81	ZEF 240133	ZEF 240133	LAR 190319	ZEF 160135	1.9					🇬🇧	87	89	126	90	96	88	78	87	104	86	113	81	122	89	138	86	120	82	131	86
82	ZEF 240145	ZEF 240145	LAR 190319	ZEF 200091	2.3	HH(c)	0	0	0	🇬🇧	81	90	123	91	105	89	80	88	104	87	112	82	120	90	118	87	114	83	121	88
83	ZEF 240158	ZEF 240158	LAR 200104	ZEF 180182	2.3					🇬🇧	123	88	102	88	101	86	105	85	105	84	118	80	112	87	95	84	114	81	110	84
84	ZEF 240164	ZEF 240164	LAR 190319	FCT 120032	2.0					🇬🇧	88	89	110	89	104	87	92	87	117	85	112	81	107	88	105	86	111	82	109	86
85	ZEF 240168	ZEF 240168	LAR 190319	ZEF 200055	1.8					🇬🇧	117	89	109	89	91	87	109	87	93	86	112	81	116	88	101	86	110	82	108	86
86	ZEF 240172	ZEF 240172	BBM 180016	CRV 140029	0.6					🇬🇧	110	89	102	89	94	87	107	87	116	86	114	81	104	88	93	86	110	82	95	86

Selection List on Cow Value

Cows 2 years and older

ID		Name	Sire ID	Dam ID	Visual Score	Horned / Polled	Myostatin			Genomic test	Calving Ease Value	Calf Growth Value	Milk Value	Maint. Value	Fertility Value	Cow Value	Weaner Calf Value	Growth Value	Prod Value	Carcass Value	
Sorted on ID					% Inbreeding		Q204X	nt821	F94L		Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	
					Italics: DNA Test					★★★★★											
87	ZEF 240183	ZEF 240183		ZEF 220248	0.0	HH(c)	0	0	0		130	88	85	88	103	86	130	86	100	85	
88	ZEF 240197	ZEF 240197	LAR 190442	ZEF 200075	0.9	HH(c)	0	0	0		105	89	109	90	110	87	98	87	103	86	
89	ZEF 240205	ZEF 240205	MCU 180167	EB 170061	1.7	Pp(c)	0	0	0		107	89	99	90	110	88	108	87	112	86	
90	ZEF 240209	ZEF 240209	BBM 180016	ZEF 130002	0.3						132	90	106	89	88	88	115	88	87	86	
										★★★★☆											
1	AG 160049	AG160049	MCU 100109	AG 080418	7	3.3	HH(c)	1	0	0		112	93	90	93	70	93	124	92	138	90
2	BTM 190002	BTM190002	BTM 160072	TEW 100100	8	1.0	HH(c)	0	0	0		81	90	115	89	116	89	88	89	94	85
3	BTM 190021	BTM190021	BTM 160051	VV 130441	7	1.4	Pp(c)	1	0	0		89	88	102	88	107	87	96	87	113	83
4	CRV 110026	CRV110026	RGR 070004	EI 010241	7	0.8	HH(c)	0	0	0		75	92	110	92	137	92	81	91	87	87
5	CRV 110100	CRV110100	MMJ 050098	VBB 060142	7	0.6	HH(c)	0	0	0		81	92	121	91	116	92	79	90	77	87
6	CRV 110150	CRV110150	JMP 070299	VBB 080330	8	0.6	HH(c)	0	0	0		108	92	107	91	85	92	102	90	103	87
7	CRV 110203	CRV110203	BHE 030094	BHE 030082	8	4.4	HH(c)	0	0	0		97	92	96	91	104	92	108	90	113	87
8	CRV 110231	CRV110231	PAD 060070	JBR 030042	7	1.0	HH(c)	1	0	0		80	93	116	92	119	92	77	90	84	88
9	CRV 180158	CRV180158	HP 120237	CRV 110100	8	1.1	HH(c)	0	0	0		88	93	126	92	126	92	71	92	62	89
10	EB 170061	EB170061	MCU 110062	EB 120034	8	0.5	HH(c)	0	0	0		95	91	112	90	90	90	102	89	98	86
11	VV 140206	VV14-0206	VV 110238	VV 100093	7	3.5	Pp(c)	0	0	0		71	91	133	91	91	91	68	89	104	86
12	VV 150049	VV15-0049	VV 110401	VV 100356	7	3.2	HH(c)	0	0	0		115	92	95	91	108	91	110	90	84	87
13	VV 170031	VV17-0031	VV 120286	VV 140030	7	3.0	HH(c)	0	0	0		109	92	98	91	79	91	101	91	121	88
14	ZEF 120099	ZEF120099	JJ 090048	ZEF 070171	6	0.0	HH(c)	0	0	0		112	92	92	91	116	92	96	90	97	87
15	ZEF 120111	ZEF120111	V 090085	WVW 070038	6	0.9	HH(c)	0	0	0		98	93	101	92	100	93	81	91	116	88
16	ZEF 120148	ZEF120148	JJ 090048	ZEF 070194	6	0.0	HH(c)	0	0	0		122	92	89	91	109	92	99	90	100	87
17	ZEF 130065	ZEF130065	JJ 090048	ZEF 070175	7	0.0	HH(c)	0	0	0		111	93	94	93	119	93	101	92	97	89
18	ZEF 140198	ZEF140198	VV 100479	WVW 060036	7	0.7	HH(c)	0	0	0		96	93	101	92	102	92	104	91	107	88
19	ZEF 160059	ZEF160059	VV 100479	VV 100010	7	1.7	HH(c)	0	0	0		106	92	98	92	106	92	110	90	91	88
20	ZEF 160106	ZEF 160106	VV 140007	ZEF 140197	7	1.4	HH(c)	0	0	0		111	91	96	90	88	90	129	88	107	85
21	ZEF 180086	ZEF 180086	ZEF 160062	ZEF 160121	7	2.3	HH(c)	1	0	0		95	91	120	90	108	89	89	89	80	86
22	ZEF 180173	ZEF 180173	AG 140108	ZEF 150130	8	1.0	HH(c)	1	0	0		116	91	105	90	81	90	117	90	94	87
23	ZEF 180175	ZEF 180175	CRV 120095	VV 120208	7	2.8	HH(c)	0	0	0		94	92	104	91	92	90	104	90	110	87

Selection List on Cow Value

Cows 2 years and older

ID Sorted on ID			Name	Sire ID	Dam ID	Visual Score	Inbreeding	Horned / Polled	Myostatin				Genomic test	Calving Ease Value	Calf Growth Value	Milk Value	Maint. Value	Fertility Value	Cow Value	Weaner Calf Value	Growth Value	Prod Value	Carcass Value								
									Q204X	nt821	F94L		Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc								
									Italics: DNA Test																						
													★★★★★																		
24	ZEF 180182	ZEF 180182	CRV 120095	FCT 120032	7	1.5	HH(c)	0	1	0		95	93	100	92	115	92	89	92	101	89	100	84	98	92	116	89	103	85	116	89
25	ZEF 190008	ZEF 190008	CRV 120095	CRV 110026	8	1.2	HH(c)	1	0	0		77	92	123	91	116	91	74	91	94	88	108	83	123	91	140	88	116	84	137	88
26	ZEF 190027	ZEF 190027	TEW 140014	ZEF 140157	8	1.4	HH(c)	0	0	0		82	91	129	90	101	89	85	90	83	87	107	82	126	90	120	86	110	83	117	86
27	ZEF 190085	ZEF 190085	ZEF 170182	ZEF 160008	6	0.7	HH(c)	0	0	0		113	89	98	89	102	88	105	88	105	86	109	81	104	89	80	85	103	82	91	85
28	ZEF 190112	ZEF 190112	TEW 140014	VV 090219	7	2.4	HH(c)	0	0	0		103	92	106	91	83	91	103	90	106	87	103	83	99	91	98	87	101	84	100	86
29	ZEF 190136	ZEF 190136	ZEF 170182	ZEF 160041	6	0.6	HH(c)	0	1	0		95	91	110	91	128	90	96	90	73	87	107	83	124	91	105	86	106	84	118	87
30	ZEF 190183	ZEF 190183	ZEF 170139	VV 160450	6	3.0	HH(c)	0	0	0		76	91	124	90	82	90	92	89	111	86	107	82	110	90	119	86	110	83	116	86
31	ZEF 200011	ZEF 200011	LHB 160188	ZEF 130082	6	0.6	HH(c)	0	1	0		83	91	113	90	92	89	87	90	111	87	102	82	101	90	99	87	100	83	99	87
32	ZEF 200028	ZEF 200028	LHB 160188	VV 140152	7	1.0	HH(c)	0	1	0		72	91	123	91	96	90	84	90	102	87	103	83	112	91	111	87	104	84	117	88
33	ZEF 200076	ZEF 200076	ZEF 170088	VV 170090	6	1.9	HH(c)	0	0	0		115	89	97	89	93	88	121	88	89	86	101	81	103	89	87	86	97	82	97	86
34	ZEF 200091	ZEF 200091	CRV 120095	ZEF 130130	7	0.9	HH(c)	1	0	0		99	93	107	92	79	91	90	91	122	89	104	84	93	92	115	89	106	85	105	89
35	ZEF 200102	ZEF 200102	LAR 140326	EB 140151	6	0.6	HH(c)	0	0	0		74	89	108	88	130	87	84	87	110	84	109	80	109	88	131	83	115	81	119	83
36	ZEF 200110	ZEF 200110	ZEF 170077	ZEF 180164	8	1.0	HH(c)	0	0	0		87	92	122	91	47	90	82	90	135	88	101	83	93	91	107	88	101	84	104	88
37	ZEF 200121	ZEF 200121	CRV 120095	ZEF 120099	7	0.5	HH(c)	0	0	0		117	92	103	91	87	91	95	91	108	88	107	83	100	91	105	88	107	84	99	88
38	ZEF 200133	ZEF 200133	ZEF 170139	ZEF 160009	7	2.4	HH(c)	1	0	0		91	91	117	90	104	89	102	89	88	87	109	82	120	90	106	86	109	83	111	87
39	ZEF 210055	ZEF 210055	AG 190016	AG 160049	7	4.8	HH(c)	0	0	0		113	91	102	91	56	89	105	89	126	87	100	83	86	90	73	86	93	84	85	86
40	ZEF 210107	ZEF 210107	CRV 180044	VV 160358	6	1.1	HH(c)	1	0	0		88	90	106	90	101	88	96	89	111	86	104	82	101	90	103	86	103	83	99	86
41	ZEF 210122	ZEF 210122	ZEF 180121	ZEF 130065	7	0.5	HH(c)	0	0	0		107	91	84	91	115	90	102	90	115	88	102	83	88	91	103	88	102	84	97	88
42	ZEF 210166	ZEF 210166	ZEF 190005	ZEF 140157	8	1.9	HH(c)	0	0	0		90	89	121	89	99	88	78	88	98	86	107	81	117	89	115	85	109	82	120	86
43	ZEF 210200	ZEF 210200	CRV 180033	WVW 070034	7	0.9	HH(c)	0	0	0		105	89	95	90	106	88	101	88	107	85	103	81	98	89	83	85	98	82	88	85
44	ZEF 220002	ZEF 220002	BBM 180016	ZEF 200011	7	0.7	HH(c)	0	1	0		100	90	110	89	101	89	88	89	103	87	108	82	109	89	87	87	104	83	99	87
45	ZEF 220083	ZEF 220083	BBM 180016	AG 150021	6	0.7	HH(c)	0	0	0		116	91	95	91	91	89	111	89	111	88	107	83	98	90	78	88	101	84	73	88
46	ZEF 220096	ZEF 220096	ZEF 200021	ZEF 200087	7	1.9	HH(c)	0	0	0		115	90	90	90	93	88	105	88	124	86	106	82	88	89	101	86	105	83	92	86
47	ZEF 220102	ZEF 220102	V 170167	ZEF 120099	7	0.8	HH(c)	0	0	0		130	91	81	91	99	90	108	89	111	87	101	83	85	90	74	87	94	84	81	87
48	ZEF 220133	ZEF 220133	ZEF 190005	VV 090052	6	2.1	HH(c)	0	0	0		108	90	85	90	112	88	102	87	115	87	102	82	88	89	91	86	98	83	95	87
49	ZEF 220136	ZEF 220136	EB 200003	AG 171068	7	2.4	HH(c)	0	0	0		86	89	123	89	81	87	84	86	98	85	100	81	111	88	115	86	103	82	118	86
50	ZEF 220163	ZEF 220163	BBM 180016	AG 120254	6	0.6	HH(c)	0	0	0		91	91	110	91	97	90	90	90	104	88	103	83	104	91	93	88	100	84	99	88
51	ZEF 220173	ZEF 220173	V 170167	ZEF 140198	7	1.4						106	73	95	73	94	66	97	71	120	46	103	61	90	71	91	41	100	57	104	40
52	ZEF 220187	ZEF 220187	ZEF 200021	ZEF 200133	7	2.5	HH(c)	1	0	0		103	89	105	90	97	88	97	87	93	86	100	81	103	89	118	86	103	82	115	86
53	ZEF 220191	ZEF 220191	MCU 190237	ZEF 190088	7	1.8	HH(c)	0	0	0		113	91	105	90	69	89	106	88	118	87	107	82	97	90	98	87	105	83	102	87

Selection List on Cow Value

Cows 2 years and older

ID		Name	Sire ID	Dam ID	Visual Score	% Inbreeding	Horned / Polled	Myostatin			Genomic test	Calving Ease Value	Calf Growth Value	Milk Value	Maint. Value	Fertility Value	Cow Value	Weaner Calf Value	Growth Value	Prod Value	Carcass Value										
Sorted on ID								Q204X	nt821	F94L		Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc										
					Italics: DNA Test							★★★★★																			
54	ZEF 220212	ZEF 220212	MCU 190237	ZEF 190117	7	1.6	Pp(c)	0	0	0		96	89	108	89	71	88	103	89	118	86	101	81	94	89	106	86	101	82	106	86
55	ZEF 220221	ZEF 220221	BBM 150029	ZEF 180182	7	0.6	HH(c)	0	0	0		113	89	93	89	113	88	103	88	99	85	106	81	101	89	117	85	108	82	108	85
56	ZEF 220232	ZEF 220232	V 170167	VV 140472	7	1.3	HH(c)	0	0	0		113	90	90	90	101	89	100	88	125	87	108	82	90	90	85	86	103	83	98	86
57	ZEF 220240	ZEF 220240	ZEF 200021	ZEF 200104	6	1.6	HH(c)	0	0	0		121	89	102	89	80	88	92	89	112	86	105	81	95	89	107	86	106	82	106	86
58	ZEF 220248	ZEF 220248	BBM 150029	ZEF 180164	6	1.6	HH(c)	0	0	0		121	91	90	90	84	89	124	89	109	88	104	82	93	90	97	87	102	83	87	87
59	ZEF 220254	ZEF 220254	BBM 150029	ZEF 170140	7	0.8	HH(c)	0	0	0		112	90	101	90	109	89	93	88	88	87	102	82	107	90	103	86	102	83	97	86
60	ZEF 220260	ZEF 220260	ZEF 200021	ZEF 200161	7	0.9	HH(c)	0	0	0		112	89	92	89	103	87	95	88	115	85	104	81	92	89	110	86	105	82	99	86
61	ZEF 220270	ZEF 220270	V 170167	ZEF 170080	7	1.0	HH(c)	0	0	0		103	91	94	90	83	89	101	90	127	87	100	82	83	90	82	87	95	83	92	86
62	ZEF 230015	ZEF 230015	BBM 150029	ZEF 190209		0.7	HH(c)	0	1	0		103	89	109	89	102	87	104	87	90	86	107	81	113	88	103	86	106	82	97	86
63	ZEF 230019	ZEF 230019	AG 190157	ZEF 190183		1.3	HH(c)	0	0	0		94	89	107	90	94	87	101	87	108	86	105	81	102	89	96	86	103	82	101	86
64	ZEF 230020	ZEF 230020	V 170167	CRV 110376		0.8	HH(c)	0	0	0		114	89	91	89	79	87	101	87	130	85	101	81	80	88	86	85	97	82	89	85
65	ZEF 230030	ZEF 230030	V 170167	VV 090219		1.8	HH(c)	0	0	0		98	90	104	90	74	89	93	88	143	87	109	82	88	90	69	86	100	83	91	86
66	ZEF 230039	ZEF 230039	BBM 150029	ZEF 160008		0.6	HH(c)	0	0	0		112	88	102	89	109	87	98	87	89	85	106	80	109	88	99	85	104	81	105	85
67	ZEF 230068	ZEF 230068	V 170167	CRV 140029		0.9	HH(c)	0	0	0		90	91	108	91	99	89	90	89	116	87	107	83	102	90	90	87	103	84	109	87
68	ZEF 230072	ZEF 230072	ZEF 200173	ZEF 190111		1.1	HH(c)	1	0	0		95	89	123	89	97	87	79	87	81	86	104	81	123	88	112	86	105	82	111	86
69	ZEF 230082	ZEF 230082	BBM 180016	ZEF 130133		0.6	HH(c)	0	0	0		114	91	93	91	101	89	103	88	115	87	108	82	96	90	88	87	104	83	90	87
70	ZEF 230093	ZEF 230093	MCU 190237	ZEF 160140		1.3	Pp(c)	0	0	0		106	90	102	90	76	88	109	87	114	87	102	82	95	89	101	86	102	83	94	86
71	ZEF 230094	ZEF 230094	MCU 190237	VV 160416		2.6	Pp(c)	0	0	0		93	90	109	90	97	88	94	88	110	86	107	82	105	89	98	86	105	83	102	86
72	ZEF 230098	ZEF 230098	MCU 190237	ZEF 160009		1.7	HH(c)	0	0	0		99	89	107	89	82	87	103	87	115	85	105	81	100	88	96	85	102	82	100	86
73	ZEF 230101	ZEF 230101	ZEF 200099	CRV 110203		1.2	HH(c)	1	0	0		91	89	113	89	80	88	97	87	106	85	101	81	103	89	95	86	99	82	97	86
74	ZEF 230110	ZEF 230110	ZEF 200185	ZEF 200028		1.6	HH(c)	1	0	0		81	88	117	88	92	86	89	86	109	85	105	80	106	87	100	84	103	81	108	85
75	ZEF 230118	ZEF 230118	MCU 190237	ZEF 160059		2.0	Pp(c)	0	0	0		110	90	102	90	93	88	93	88	102	86	102	82	99	89	108	86	103	83	102	86
76	ZEF 230123	ZEF 230123	MCU 190237	ZEF 160041		0.7	HH(c)	0	0	0		88	89	118	89	102	87	92	87	88	85	105	81	118	88	118	85	108	82	114	85
77	ZEF 230129	ZEF 230129	AG 190157	ZEF 210121		2.0						96	65	109	67	106	44	104	42	97	31	109	49	113	59	101	26	107	44	104	26
78	ZEF 230146	ZEF 230146	MCU 190237	ZEF 180221		1.8	HH(c)	0	0	0		85	89	117	90	99	88	89	88	96	87	104	82	113	89	119	86	107	83	119	86
79	ZEF 230192	ZEF 230192	RPE 200146	ZEF 200091		2.4	HH(c)	1	0	0		95	89	114	89	87	88	93	87	113	86	109	81	106	89	104	86	108	82	103	86
80	ZEF 230198	ZEF 230198	MCU 190237	ZEF 180189		1.0						103	68	107	69	105	51	89	48	93	35	103	52	106	63	124	35	107	49	124	39
81	ZEF 230201	ZEF 230201	AG 190157	ZEF 210164		1.9	HH(c)	0	0	0		82	90	113	90	96	88	102	88	100	87	102	82	107	89	103	86	101	83	100	86
82	ZEF 240018	ZEF 240018		VV 160516		0.0						106	86	106	86	116	84	82	84	88	83	104	78	111	85	106	82	104	79	107	82
83	ZEF 240020	ZEF 240020	BBM 180016	ZEF 190136		0.4	HH(c)	0	1	0		105	90	100	90	103	88	111	88	103	87	109	82	106	89	90	87	104	83	99	87

Selection List on Cow Value

Cows 2 years and older

ID		Name	Sire ID	Dam ID	Visual Score	Myostatin	Genomic test	Calving Ease Value	Calf Growth Value	Milk Value	Maint. Value	Fertility Value	Cow Value	Weaner Calf Value	Growth Value	Prod Value	Carcass Value
Sorted on ID					% Inbreeding	Horned / Polled	Q204X nt821 F94L	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc
							<i>Italics: DNA Test</i>										
84	ZEF 240029	ZEF 240029	LAR 200499	VV 130127	1.0	HH(c)	0 0 0		83 89	108 90	93 88	112 87	106 86	102 81	105 89	99 86	101 82
85	ZEF 240030	ZEF 240030		ZEF 190142	0.0				99 88	96 88	103 86	115 86	118 85	109 80	98 87	95 85	106 81
86	ZEF 240049	ZEF 240049		ZEF 180050	0.0				99 88	113 88	88 86	88 86	102 85	103 80	105 87	117 84	106 81
87	ZEF 240051	ZEF 240051		CRV 110231	0.0	HH(c)	1 0 0		78 89	123 89	114 87	80 87	78 85	102 81	124 88	134 86	109 82
88	ZEF 240056	ZEF 240056	BBM 180016	ZEF 190183	0.8	HH(c)	0 0 0		95 90	117 90	79 88	100 88	106 87	107 82	109 89	107 86	107 83
89	ZEF 240061	ZEF 240061	LAR 200499	ZEF 130161	0.5	HH(c)	0 0 0		79 89	109 89	115 88	94 87	99 85	102 81	108 89	99 86	101 82
90	ZEF 240078	ZEF 240078		CRV 110143	0.0	HH(c)	0 0 0		74 89	120 87	96 87	85 87	106 86	104 80	108 87	111 86	105 81
91	ZEF 240085	ZEF 240085	BBM 180016	ZEF 200011	0.7	HH(c)	0 1 0		104 89	103 89	83 88	99 88	121 87	107 81	95 89	89 86	102 82
92	ZEF 240089	ZEF 240089	BBM 180016	ZEF 200126	0.9	HH(c)	1 0 0		126 90	96 90	95 88	125 88	80 87	103 82	109 89	89 87	100 83
93	ZEF 240096	ZEF 240096		ZEF 220134	0.0				124 56	87 58	95 33	106 27	112 22	104 40	90 49		82 20
94	ZEF 240100	ZEF 240100	BBM 180016	ZEF 200093	0.8	HH(c)	0 0 0		94 90	118 90	88 88	89 88	104 87	107 82	109 89	92 87	103 83
95	ZEF 240110	ZEF 240110		ZEF 220232	0.0	HH(c)	0 0 0		120 88	89 88	89 86	116 86	114 85	104 80	90 87	83 84	99 81
96	ZEF 240129	ZEF 240129	HK 200042	ZEF 220087	2.7	Pp(c)	0 0 0		122 89	82 89	109 86	118 86	107 85	105 80	93 88	81 85	99 81
97	ZEF 240130	ZEF 240130	LAR 200104	ZEF 130130	1.0	HH(c)	1 0 0		77 90	124 90	80 88	85 88	115 86	106 82	107 89	130 87	112 83
98	ZEF 240131	ZEF 240131		ZEF 220076	0.0	HH(c)	0 0 0		126 87	80 87	102 85	110 85	112 84	101 79	83 86	80 84	95 80
99	ZEF 240140	ZEF 240140	LAR 190319	ZEF 160076	0.9				119 89	105 90	88 88	105 87	88 86	103 81	106 89	91 86	100 82
100	ZEF 240147	ZEF 240147		ZEF 220236	0.0				91 88	106 88	111 86	97 86	104 85	108 80	107 87	137 86	114 81
101	ZEF 240149	ZEF 240149	LAR 190319	ZEF 200110	1.5	HH(c)	0 0 0		84 90	130 90	71 88	82 88	102 87	104 82	116 89	108 87	104 83
102	ZEF 240152	ZEF 240152	LAR 200104	ZEF 140171	0.9	HH(c)	0 0 0		99 90	109 90	84 88	96 88	119 86	109 82	101 89	112 86	110 83
103	ZEF 240162	ZEF 240162	LAR 190319	ZEF 130133	1.6	HH(c)	0 0 0		88 91	115 91	103 89	89 89	100 87	107 83	113 90	106 88	107 84
104	ZEF 240169	ZEF 240169	LAR 190319	AG 170252	2.6				111 89	96 90	112 88	93 87	102 86	106 81	100 89	111 86	107 82
105	ZEF 240212	ZEF 240212		ZEF 220169	0.0	HH(c)	0 0 0		83 87	121 87	97 86	79 85	108 84	109 79	114 87	110 84	109 80
106	ZEF 240213	ZEF 240213	LAR 190442	ZEF 200028	1.7	HH(c)	0 1 0		77 89	118 90	98 87	87 87	105 86	104 81	108 89	119 86	107 82
1	AG 140273	AG140273	TOR 050216	AG 080374	7	2.5	HH(c)	1 0 0	81 91	114 91	98 92	87 91	82 88	90 83	106 91	109 87	92 84
2	AG 170252	AG170252	JL 100198	AG 120280	7	1.8	HH(c)	0 0 0	101 92	93 92	109 92	120 91	92 89	98 84	101 92	91 88	95 85
3	CRV 110212	CRV110212	VBB 060015	VV 010298	9	1.2	HH(c)	0 0 0	74 92	107 91	125 92	84 90	92 87	97 83	106 91	108 88	98 84
4	FCT 120032	FCT120032	FCT 080012	FCT 090138	7	0.8	HH(c)	0 1 0	81 93	102 93	114 93	86 91	96 88	92 84	96 93	104 88	93 85

Selection List on Cow Value

Cows 2 years and older

ID Sorted on ID	Name	Sire ID	Dam ID	Visual Score	Inbreeding %	Horned / Polled	Myostatin			Genomic test	Calving Ease Value Acc	Calf Growth Value Acc	Milk Value Acc	Maint. Value Acc	Fertility Value Acc	Cow Value Acc	Weaner Calf Value Acc	Growth Value Acc	Prod Value Acc	Carcass Value Acc											
							Q204X	nt821	F94L																						
Italics: DNA Test																															
★★★★																															
5	JHK 110133	JHK110133	NFS 070326	NFS 040172	7	0.8	HH(c)	0	0	0		95	93	88	92	108	93	98	90	112	87	92	84	84	92	94	88	91	85	80	87
6	VV 090219	VV09-0219	VV 050378	VV 050346	5	5.2	HH(c)	0	0	0		80	93	107	92	68	93	94	91	128	88	92	84	82	92	81	87	88	85	81	87
7	VV 140032	VV14-0032	VV 110011	VV 090267	7	3.3	HH(c)	0	0	0		117	92	77	91	100	92	135	90	107	87	98	83	87	91	67	87	90	84	75	86
8	VV 160212	VV16-0212	VV 140006	VV 140472	7	2.5	HH(c)	0	0	0		104	92	94	91	101	91	104	90	103	87	97	83	93	91	113	87	100	84	107	86
9	WAT 130055	WAT130055	WAT 060071	WAT 050141	8	2.6	HH(c)	0	0	0		107	93	82	92	75	93	124	92	131	89	94	84	74	92	89	88	91	85	80	88
10	ZEF 130133	ZEF130133	VV 100479	WVW 070038	8	0.8	HH(c)	0	0	0		99	93	88	93	111	93	106	92	111	89	98	85	89	93	102	89	98	86	85	89
11	ZEF 130154	ZEF130154	VV 110072	VV 100144	7	2.4	HH(c)	0	0	0		94	91	112	90	76	91	102	89	99	85	97	82	101	90	117	85	100	83	120	84
12	ZEF 130161	ZEF130161	VV 090302	ZEF 070113	7	0.0	HH(c)	0	0	0		81	91	109	90	115	91	83	89	87	86	94	82	107	90	101	84	94	82	104	84
13	ZEF 130179	ZEF130179	VV 090302	ZEF 070214	6	0.0	HH(c)	0	0	0		85	92	109	91	91	92	92	90	106	87	96	83	99	91	106	88	97	84	100	88
14	ZEF 140171	ZEF140171	VV 100479	ZEF 070029	6	0.0	HH(c)	0	0	0		101	92	90	91	93	91	112	90	117	87	98	83	86	91	75	86	91	84	81	86
15	ZEF 150109	ZEF150109	HCO 090103	FCT 100038	6	1.2	HH(c)	0	0	0		102	93	111	92	70	92	100	91	104	88	99	84	100	92	114	88	102	85	106	88
16	ZEF 160097	ZEF 160097	VV 140007	ZEF 140083	6	1.3	HH(c)	0	0	0		110	91	94	90	74	90	102	89	112	85	91	82	81	90	100	85	91	83	85	85
17	ZEF 160166	ZEF160166	VV 120274	ZEF 130065	6	0.4	HH(c)	0	0	0		125	92	88	92	105	92	115	91	82	88	97	84	100	92	104	88	97	85	105	88
18	ZEF 170086	ZEF 170086	VV 120274	WAT 110322	7	1.2	HH(c)	1	0	0		122	92	86	91	87	90	124	90	90	87	91	83	89	91	79	86	86	84	82	86
19	ZEF 180122	ZEF 180122	ZEF 160127	ZEF 160171	8	1.9	HH(c)	0	0	0		122	92	101	91	106	91	95	90	73	88	98	83	109	91	117	88	102	84	110	88
20	ZEF 180126	ZEF 180126	CRV 120095	ZEF 130130	8	0.9	HH(c)	1	0	0		88	93	117	92	82	92	85	92	95	89	94	84	102	92	115	90	97	85	110	89
21	ZEF 180164	ZEF 180164	CRV 120095	WAT 110419	6	1.4	HH(c)	0	0	0		99	93	104	92	82	92	92	92	111	89	97	84	91	92	114	89	100	85	105	89
22	ZEF 190066	ZEF 190066	ZEF 160127	ZEF 160055	8	0.7	HH(c)	1	0	0		84	90	112	90	109	89	75	89	93	86	96	82	108	90	120	86	101	83	114	86
23	ZEF 200163	ZEF 200163	CRV 120095	ZEF 120148	7	0.5	HH(c)	1	0	0		87	92	114	91	98	91	85	91	88	89	95	84	106	91	117	88	99	85	112	88
24	ZEF 210042	ZEF 210042	ZAK 170014	BTM 190002	6	1.2	HH(c)	0	0	0		89	90	102	89	107	88	97	89	88	86	92	81	99	89	113	86	95	82	117	86
25	ZEF 210051	ZEF 210051	AG 190016	AG 150021	6	4.5						129	72	87	71	79	60	125	48	100	42	97	56	90	66	70	26	90	50	69	26
26	ZEF 210140	ZEF 210140	BBM 150029	ZEF 180122	7	0.9	HH(c)	0	0	0		103	91	98	90	116	89	97	90	75	87	91	82	103	90	105	87	93	83	98	87
27	ZEF 210225	ZEF 210225	CRV 180044	ZEF 160167	7	0.8	HH(c)	1	0	0		82	89	107	89	104	88	85	89	97	86	93	81	99	89	105	85	94	82	100	86
28	ZEF 210241	ZEF 210241	AG 160138	AG 110152	7	5.1	HH(c)	0	0	0		115	90	106	90	100	88	86	89	78	86	97	82	108	90	98	86	96	83	100	85
29	ZEF 220057	ZEF 220057	ZEF 190005	CRV 110212	6	1.7	HH(c)	1	0	0		74	90	118	90	104	88	79	87	96	86	98	81	110	89	118	86	102	82	113	86
30	ZEF 220081	ZEF 220081	BBM 180016	AG 130567	8	0.6	HH(c)	0	0	0		99	89	105	89	78	87	101	87	102	86	94	81	94	88	80	86	89	82	95	86
31	ZEF 220106	ZEF 220106	BBM 180016	AG 160049	7	0.6	HH(c)	1	0	0		101	91	103	91	72	90	106	89	115	88	98	83	91	90	76	88	92	84	90	88
32	ZEF 220157	ZEF 220157	BBM 150029	VV 170031	8	1.3						113	72	94	73	88	63	104	70	101	43	94	60	89	71	94	38	93	56	93	43
33	ZEF 220164	ZEF 220164	CRV 170257	VV 140030	7	1.3	HH(c)	0	0	0		83	90	111	90	69	88	95	89	113	87	91	82	88	90	113	86	94	83	91	86
34	ZEF 220168	ZEF 220168	ZEF 200021	ZEF 200163	7	0.9	HH(c)	0	0	0		116	89	92	89	95	88	98	89	103	86	96	81	90	89	91	86	94	82	88	86

Selection List on Cow Value

Cows 2 years and older

ID	Name	Sire ID	Dam ID	Visual Score	% Inbreeding	Horned / Polled	Myostatin	Q204X	nt821	F94L	Genomic test	Calving Ease Value	Calf Growth Value	Milk Value	Maint. Value	Fertility Value	Cow Value	Weaner Calf Value	Growth Value	Prod Value	Carcass Value										
Sorted on ID												Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc										
												★★★★																			
35	ZEF 220209	ZEF 220209	ZEF 200021	ZEF 200121	8	0.9	HH(c)	0	0	0		111	88	91	88	100	86	104	86	104	85	99	80	91	87	99	85	98	81	91	85
36	ZEF 220213	ZEF 220213	MCU 190237	ZEF 190112	6	2.6	HH(c)	0	0	0		98	89	110	89	76	88	94	88	106	86	97	81	95	89	112	86	99	82	107	86
37	ZEF 220256	ZEF 220256	BBM 150029	ZEF 180189	7	0.5	HH(c)	0	0	0		93	90	96	90	119	88	107	89	76	87	90	82	102	89	107	86	92	83	111	86
38	ZEF 220261	ZEF 220261	BBM 150029	ZEF 160041	6	0.3	HH(c)	0	0	0		103	88	99	88	115	87	106	88	81	85	99	80	108	88	107	84	100	81	101	84
39	ZEF 220267	ZEF 220267	BBM 180016	CRV 140171	7	0.4	HH(c)	0	0	0		94	88	102	89	101	87	85	88	93	85	90	81	94	88	78	84	85	82	86	84
40	ZEF 220277	ZEF 220277	BBM 180016	CRV 140004	8	0.9	HH(c)	0	0	0		110	90	99	90	85	88	88	89	98	86	91	82	89	89	86	86	88	83	89	86
41	ZEF 230007	ZEF 230007	AG 190157	ZEF 180050	2.3		HH(c)	0	0	0		107	90	101	90	102	88	106	88	85	87	99	82	105	89	102	86	98	83	102	86
42	ZEF 230029	ZEF 230029	MCU 190237	ZEF 160166	1.2		HH(c)	0	0	0		105	89	106	89	82	87	105	87	85	85	92	81	101	88	118	85	96	82	117	86
43	ZEF 230050	ZEF 230050	V 170167	ZEF 130154	2.9							113	70	90	71	79	60	116	57	117	42	98	57	85	67	88	39	94	53	103	36
44	ZEF 230058	ZEF 230058	AG 190157	ZEF 210051	3.5		HH(c)	0	0	0		130	89	73	89	93	87	138	86	97	86	93	81	84	88	63	86	84	82	60	86
45	ZEF 230099	ZEF 230099	V 170167	AG 110286	1.2							116	72	75	73	84	62	128	58	118	44	91	59	74	69	75	39	85	55	84	36
46	ZEF 230111	ZEF 230111	MCU 190237	ZEF 180122	1.9							116	68	104	59	90	49	93	47	89	33	98	48	102	57	118	30	101	44	113	38
47	ZEF 230114	ZEF 230114	AG 190157	ZEF 210181	2.2							99	66	100	68	93	45	108	42	101	31	97	49	97	60	99	26	97	44	92	26
48	ZEF 230130	ZEF 230130	MCU 190237	VV 170031	2.5		Pp(c)	0	0	0		91	90	110	90	82	88	96	88	108	87	98	82	98	89	108	86	100	83	114	86
49	ZEF 230131	ZEF 230131	MCU 190237	ZEF 160106	1.5							103	68	99	70	83	52	112	47	107	34	98	53	94	63	102	31	98	49	93	34
50	ZEF 230140	ZEF 230140	AG 190157	ZEF 210057	2.8		HH(c)	0	0	0		113	89	97	89	84	87	120	86	79	86	90	81	98	88	77	86	85	82	80	86
51	ZEF 230154	ZEF 230154	MCU 190237	VV 160212	2.2		Pp(c)	0	0	0		109	89	91	90	94	88	107	87	104	86	94	81	88	89	119	86	99	82	110	86
52	ZEF 230174	ZEF 230174	AG 190157	ZEF 210119	1.4		HH(c)	0	0	0		105	89	95	90	92	87	111	87	97	87	94	81	93	89	88	86	91	82	89	86
53	ZEF 230189	ZEF 230189	BBM 180016	ZEF 150100	0.7		HH(c)	0	0	0		84	90	114	90	99	89	94	88	80	87	93	82	110	90	97	87	92	83	98	87
54	ZEF 230199	ZEF 230199	BBM 180016	VV 110377	0.7							99	71	107	72	92	58	99	53	88	39	95	56	103	67	89	39	92	53	95	42
55	ZEF 240009	ZEF 240009	AG 190157	ZEF 200095	1.8							110	89	95	89	105	87	100	86	80	85	91	81	99	88	120	86	96	82	113	85
56	ZEF 240038	ZEF 240038	BBM 180016	ZEF 180126	0.6		HH(c)	1	0	0		93	90	112	90	78	89	93	88	96	87	93	82	100	90	96	87	92	83	102	87
57	ZEF 240107	ZEF 240107	LAR 190442	ZEF 210051	3.7		HH(c)	0	0	0		129	89	91	88	89	87	125	86	82	85	97	80	100	88	78	86	92	81	79	86
58	ZEF 240134	ZEF 240134	LAR 190319	ZEF 120099	0.5							94	89	109	88	102	87	90	86	88	85	98	80	107	88	101	85	97	81	102	86
59	ZEF 240141	ZEF 240141	LAR 190319	AG 200276	2.9							110	89	93	89	106	87	112	87	83	86	94	81	100	88	92	86	92	82	91	86
60	ZEF 240170	ZEF 240170	LAR 190442	ZEF 210066	3.7		HH(c)	0	0	0		85	89	99	88	126	86	105	86	87	85	98	80	107	88	111	85	100	81	108	85
61	ZEF 240188	ZEF 240188	LAR 190442	ZEF 160106	1.6							106	88	109	89	102	86	102	86	69	85	97	80	113	88	112	85	99	81	113	85
62	ZEF 240195	ZEF 240195		ZEF 220165	0.0		HH(c)	1	0	0		86	87	110	87	97	85	90	85	100	84	97	79	102	86	102	84	97	80	100	84
63	ZEF 240206	ZEF 240206	LAR 190442	ZEF 150100	1.3		HH(c)	0	0	0		100	90	93	90	106	88	127	88	88	86	97	82	103	89	85	86	93	83	86	86

Selection List on Cow Value

Cows 2 years and older

ID			Name	Sire ID	Dam ID	Visual Score	% Inbreeding	Horned / Polled	Myostatin				Genomic test	Calving Ease Value	Calf Growth Value	Milk Value	Maint. Value	Fertility Value	Cow Value	Weaner Calf Value	Growth Value	Prod Value	Carcass Value									
Sorted on ID									Q204X	nt821	F94L		Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc									
													★★★★																			
1	AG	110455	AG110455	AG 080431	AG 040103	7	3.4	HH(c)	1	0	0		84	93	110	92	71	93	102	91	92	89	83	84	94	92	132	88	91	85	108	88
2	AG	200276	AG200276	CEF 150479	AG 110152	7	1.6	HH(c)	0	0	0		106	91	100	91	74	90	95	90	102	87	88	83	86	91	116	87	92	84	98	87
3	CRV	140265	CRV140265	BPJ 100065	HJS 040099	7	3.5	HH(c)	0	0	0		82	91	117	90	91	91	90	89	72	86	85	82	105	90	116	85	90	83	111	85
4	FCT	100038	FCT100038	FCT 070121	FCT 040121	7	4.6	HH(c)	0	0	0		93	93	112	92	68	92	93	90	100	88	89	84	93	92	105	88	90	85	107	88
5	VV	110377	VV11-0377	VV 090199	VV 010091	7	1.7	HH(c)	1	0	0		88	92	121	92	85	92	87	91	72	87	89	84	112	92	101	86	90	84	102	86
6	ZEF	140165	ZEF140165	VV 100479	ZEF 070113	7	0.0	HH(c)	0	0	0		83	91	99	90	105	91	91	89	88	85	82	82	91	90	87	85	80	83	82	85
7	ZEF	150100	ZEF150100	AG 100422	VV 110377	7	1.6	HH(c)	0	0	0		80	92	110	92	89	92	114	90	78	87	87	84	105	92	95	87	86	85	90	87
8	ZEF	160055	ZEF160055	HCO 090103	ZEF 070216	6	0.0	HH(c)	0	0	0		93	91	100	90	99	91	85	90	97	87	88	83	90	90	116	86	92	84	108	86
9	ZEF	180050	ZEF 180050	AG 140108	ZEF 130126	7	1.1	HH(c)	1	0	0		83	92	108	92	113	91	92	91	68	88	85	84	107	92	100	88	86	85	96	88
10	ZEF	210113	ZEF 210113	CRV 180033	ZEF 120111	6	1.4	HH(c)	1	0	0		83	91	103	90	113	89	87	89	73	87	82	82	99	90	112	86	86	83	102	86
11	ZEF	210181	ZEF 210181	ZEF 180121	CRV 110376	7	1.7	Pp(c)	1	0	0		87	89	106	89	86	88	89	88	101	85	87	81	90	89	114	85	91	82	97	85
12	ZEF	210187	ZEF 210187	BBM 150029	ZEF 180050	6	0.5	HH(c)	0	0	0		107	90	94	90	106	89	95	89	85	87	89	82	93	90	101	86	89	83	91	87
13	ZEF	220087	ZEF 220087	CEF 160402	AG 150762	7	1.4	HH(c)	0	0	0		97	91	105	90	98	89	92	88	79	87	88	82	99	90	100	88	89	83	91	87
14	ZEF	220169	ZEF 220169	BBM 180016	AG 140273	6	0.7	HH(c)	1	0	0		84	91	105	91	85	90	104	89	94	88	86	83	94	91	84	88	83	84	92	88
15	ZEF	230026	ZEF 230026	BBM 150029	ZEF 180126		0.7	HH(c)	1	0	0		98	90	98	90	104	89	104	88	81	87	88	82	98	90	92	87	87	83	91	87
16	ZEF	230125	ZEF 230125	MCU 190237	ZEF 180182		1.4	Pp(c)	0	1	0		81	90	109	90	83	88	90	88	92	87	83	82	92	89	116	86	87	83	112	87
17	ZEF	230138	ZEF 230138	MCU 190237	ZEF 160153		2.4	HH(c)	0	0	0		104	89	98	90	92	88	103	87	87	86	88	81	94	89	106	86	90	82	104	86
18	ZEF	230200	ZEF 230200	BBM 180016	VV 150049		0.7	HH(c)	0	0	0		100	90	97	90	97	89	113	88	78	87	86	82	98	90	76	87	81	83	88	87
19	ZEF	240109	ZEF 240109	LAR 190442	ZEF 220040		1.0	HH(c)	1	0	0		98	89	103	90	93	87	92	87	90	86	89	81	94	89	120	86	94	82	108	86
													★★★																			
1	VV	140024	VV14-0024	VV 110401	VV 050455	7	0.9	HH(c)	0	0	0		101	92	98	91	78	92	104	90	79	87	75	83	85	91	69	87	70	84	76	86
2	ZEF	210097	ZEF 210097	AG 190040	AG 180135	6	3.9	HH(c)	0	0	0		80	88	93	88	101	86	104	85	84	85	73	80	84	87	75	84	69	81	83	84
3	ZEF	210136	ZEF 210136	ZEF 180121	VV 140024	8	2.2	Pp(c)	0	0	0		113	91	85	91	82	90	116	90	86	88	78	83	81	91	65	87	72	84	64	87
4	ZEF	220165	ZEF 220165	BBM 180016	AG 150882	8	0.6	HH(c)	1	0	0		85	90	107	90	98	88	97	87	67	87	79	82	101	89	80	86	76	83	87	86
5	ZEF	230045	ZEF 230045	MCU 190237	ZEF 170086		1.6	Pp(c)	1	0	0		106	88	101	89	81	86	88	86	72	85	74	80	88	88	104	85	77	81	102	85

Selection List on Cow Value

Bull calves younger than 2 years

ID		Name	Sire ID	Dam ID	Visual Score	Horned / Polled	Myostatin	Calving Ease Value	Calf Growth Value	Milk Value	Maint. Value	Fertility Value	Cow Value	Weaner Calf Value	Growth Value	Prod Value	Carcass Value
Sorted on ID					% Inbreeding		Q204X n1821 F94L	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc
							<i>Italics: DNA Test</i>										
1	ZEF 250004	ZEF 250004	MCU 180167	ZEF 190039	1.1			124 68	105 58	118 50	91 50	131 35	140 49	119 57	113 35	137 46	116 30
1	ZEF 250005	ZEF 250005	MCU 180167	BTM 190021	1.1			111 67	96 57	109 47	101 49	126 32	120 47	102 56	102 31	117 44	109 24
2	ZEF 250108	ZEF 250108	LAR 190319	ZEF 200083	1.0			93 68	133 70	98 52	80 50	104 36	126 53	135 64	121 38	127 50	130 46
1	ZEF 250010	ZEF 250010	MCU 180167	ZEF 130154	1.4			100 68	108 59	95 53	105 50	119 35	117 50	109 58	109 34	116 47	111 25
2	ZEF 250013	ZEF 250013		ZEF 200144	0.0			99 57	108 35	106 30	93 25	118 21	117 32	109 36	93 20	113 30	97 22
3	ZEF 250052	ZEF 250052		WVW 120088	0.0			99 62	107 63	107 44	83 39	113 29	111 46	105 56	93 22	107 41	106 20
4	ZEF 250066	ZEF 250066		EB 170067	0.0			113 61	93 38	107 38	104 38	114 25	110 37	97 41			95 18
5	ZEF 250071	ZEF 250071		ZEF 170005	0.0			116 59	93 60	109 41	106 38	111 27	112 44	100 54	95 26	108 40	104 28
6	ZEF 250077	ZEF 250077		ZEF 190135	0.0			109 58	98 37	125 34	100 35	103 24	116 35	112 39	80 22	109 32	97 24
7	ZEF 250088	ZEF 250088	LAR 200104	ZEF 130082	0.6			123 69	95 71	101 57	108 53	112 36	115 55	103 66	108 39	114 52	101 46
8	ZEF 250092	ZEF 250092	LAR 200104	ZEF 190055	1.9			86 67	126 60	99 48	87 50	106 35	119 49	124 58	125 40	122 47	118 46
9	ZEF 250093	ZEF 250093	LAR 200104	ZEF 190027	1.6			81 68	131 61	99 50	86 50	95 35	115 50	128 59	133 40	120 48	123 46
10	ZEF 250096	ZEF 250096	LAR 200104	ZEF 190055	1.9			100 67	120 60	98 48	87 50	106 35	119 49	119 58	125 40	121 47	118 46
11	ZEF 250104	ZEF 250104	LAR 200104	VV 160516	1.6			92 70	118 71	102 54	98 50	106 34	118 54	120 65	121 40	120 51	114 46
12	ZEF 250117	ZEF 250117		EB 170054	0.0			98 61	107 62	106 40	88 37	124 26	117 45	105 55	98 20	114 40	105 22
13	ZEF 250118	ZEF 250118	LAR 190319	ZEF 200087	0.8			117 68	102 70	105 52	101 50	100 37	113 53	110 64	106 39	112 50	111 48
14	ZEF 250131	ZEF 250131	ZEF 220259	ZEF 220081	2.6			107 63	113 52	80 40	100 38	109 29	111 42	108 50	103 30	109 40	105 36
15	ZEF 250141	ZEF 250141	BBM 210266	ZEF 200270	0.6			107 66	101 68	132 49	98 46	96 33	117 51	117 61	115 32	118 47	118 30
16	ZEF 250200	ZEF 250200		ZEF 200053	0.0			97 58	104 36	98 33	106 36	123 22	115 34	103 39	87 21	109 31	94 24
17	ZEF 250205	ZEF 250205		ZEF 190002	0.0			128 59	86 38	104 38	106 37	114 24	110 36	93 41	81 20	103 33	89 24
18	ZEF 250207	ZEF 250207		VV 160358	0.0			92 61	101 38	104 39	107 38	125 24	114 36	102 42	76 20	106 33	87 22
1	ZEF 250018	ZEF 250018	ZEF 220070	ZEF 220173	2.9			115 63	101 65	88 44	96 44	115 30	109 48	98 58	86 31	103 45	104 37
2	ZEF 250021	ZEF 250021		VV 150020	0.0			105 61	92 63	93 43	102 39	124 29	103 46	87 56	80 22	97 41	89 20

Selection List on Cow Value

Bull calves younger than 2 years

ID	Name	Sire ID	Dam ID	Visual Score	Horned / Polled	Myostatin	Calving Ease Value	Calf Growth Value	Milk Value	Maint. Value	Fertility Value	Cow Value	Weaner Calf Value	Growth Value	Prod Value	Carcass Value										
Sorted on ID				% Inbreeding		Q204X n1821 F94L	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc										
Italics: DNA Test																										
							★★★★☆																			
3	ZEF 250027	ZEF 250027	ZEF 200180	0.0			98	57	93	58	106	34	110	36	116	24	104	41	94	51	85	22	99	37	91	23
4	ZEF 250029	ZEF 250029	LAR 190442	ZEF 220124	1.4		112	65	103	67	97	43	95	43	106	30	108	49	103	59	107	30	108	45	100	39
5	ZEF 250042	ZEF 250042		EB 140151	0.0		106	61	90	62	109	42	96	38	119	25	103	45	88	55					96	14
6	ZEF 250050	ZEF 250050		ZEF 200275	0.0		88	57	110	36	113	31	90	35	98	23	106	34	110	38	95	22	104	32	106	24
7	ZEF 250059	ZEF 250059	ZEF 220070	ZEF 220221	5.8		122	64	95	65	99	42	103	43	105	29	108	48	100	58	98	30	106	44	104	38
8	ZEF 250061	ZEF 250061		ZEF 190117	0.0		96	59	103	60	93	40	91	38	126	26	108	44	94	53	98	24	106	40	101	24
9	ZEF 250064	ZEF 250064	BBM 210266	ZEF 210128	0.9		103	65	103	67	116	45	94	45	88	32	103	50	109	60	108	29	104	46	108	28
10	ZEF 250065	ZEF 250065	ZEF 220259	ZEF 220267	2.5		95	63	112	64	94	43	93	44	104	30	106	47	107	57	102	30	105	44	101	38
11	ZEF 250070	ZEF 250070	BBM 210266	ZEF 210131	0.6		102	66	101	68	104	47	97	44	103	32	104	50	100	61	110	29	105	46	109	30
12	ZEF 250089	ZEF 250089	ZEF 220070	ZEF 220256	5.6		114	64	100	65	100	42	101	43	92	29	102	48	103	58	95	30	100	44	110	38
13	ZEF 250098	ZEF 250098	ZEF 220070	ZEF 220168	3.9		118	62	96	64	91	40	100	42	106	27	103	46	96	56	86	30	99	43	96	36
14	ZEF 250099	ZEF 250099	LAR 200104	ZEF 170086	1.2		108	69	108	62	92	53	101	51	99	36	107	51	109	60	112	41	108	49	105	48
15	ZEF 250110	ZEF 250110	BBM 210266	ZEF 210164	0.5		79	66	108	68	112	47	92	44	100	31	100	50	104	61	118	30	104	46	114	26
16	ZEF 250127	ZEF 250127	BBM 210266	ZEF 180175	0.6		78	68	106	58	105	49	108	47	101	34	101	48	105	56	102	34	100	45	91	31
17	ZEF 250136	ZEF 250136		ZEF 200127	0.0		84	58	111	59	99	37	100	36	112	24	108	42	107	52	92	20	104	38	102	23
18	ZEF 250137	ZEF 250137		ZEF 200095	0.0		105	58	88	59	107	38	107	37	117	26	103	43	90	52	90	24	100	39	92	26
19	ZEF 250138	ZEF 250138	BBM 210266	ZEF 200138	0.5		100	67	98	69	111	50	101	47	111	35	109	52	101	62	105	34	108	48	104	32
20	ZEF 250139	ZEF 250139		ZEF 130037	0.0		99	61	101	61	122	43	88	38	94	24	104	44	106	55	92	22	101	40	106	25
21	ZEF 250143	ZEF 250143	BBM 210266	VV 150056	0.5		83	69	104	71	99	53	106	48	117	36	105	54	99	64	101	36	103	50	102	32
22	ZEF 250153	ZEF 250153		ZEF 230122	0.0		114	55	93	35	94	25	95	23	113	19	100	30	89	35					92	17
23	ZEF 250154	ZEF 250154		ZEF 210160	0.0		101	56	101	35	101	30	94	34	102	21	100	32	98	37	89	20	97	30	96	26
24	ZEF 250159	ZEF 250159		ZEF 130130	0.0		101	61	100	41	93	43	97	40	125	26	108	39	95	44	89	22	104	36	91	21
25	ZEF 250163	ZEF 250163		ZEF 220057	0.0		76	56	114	35	104	27	92	25	105	21	104	31	107	35	91	20	100	29	93	24
26	ZEF 250168	ZEF 250168		ZEF 230144	0.0		118	57	87	36	104	29	98	26	110	20	100	32	88	37					91	22
27	ZEF 250187	ZEF 250187		ZEF 230097	0.0		104	56	101	34	104	24	96	23	105	18	105	30	101	34					91	20
28	ZEF 250188	ZEF 250188		ZEF 150138	0.0		110	61	95	40	105	42	101	39	112	28	108	38	98	43	106	30	108	36	106	32
29	ZEF 250192	ZEF 250192		ZEF 160119	0.0		120	60	90	40	99	41	111	38	103	26	103	38	95	43	81	24	97	35	90	28
30	ZEF 250195	ZEF 250195		VV 160416	0.0		91	61	101	39	107	40	101	37	108	23	103	37	101	42	82	24	98	34	87	24
31	ZEF 250209	ZEF 250209		ZEF 160140	0.0		104	61	89	40	102	41	124	38	113	27	105	38	95	43	79	24	99	35	80	27
32	ZEF 250218	ZEF 250218		ZEF 160106	0.0		108	59	89	38	93	40	121	36	111	23	100	36	90	41					75	18
33	ZEF 250220	ZEF 250220		ZEF 200149	0.0		103	58	97	38	105	36	96	37	114	25	106	36	96	41	91	25	102	34	96	27



Selection List on Cow Value

Bull calves younger than 2 years

ID Sorted on ID	Name	Sire ID	Dam ID	Visual Score	% Inbreeding	Horned / Polled	Myostatin Q204X nt821 F94L	Genomic test	Calving Ease Value Acc	Calf Growth Value Acc	Milk Value Acc	Maint. Value Acc	Fertility Value Acc	Cow Value Acc	Weaner Calf Value Acc	Growth Value Acc	Prod Value Acc	Carcass Value Acc			
							Italics: DNA Test														
									★★★★☆												
34	ZEF 250239	ZEF 250239	ZEF 230116	0.0					9556	10934	9924	8923	10119	10230	10334			10220			
									★★★★												
1	ZEF 250002	ZEF 250002	LAR 190442	ZEF 180164	3.2	HH(c)	0	0	0	🇪🇺	12290	9489	8188	11488	9587	9681	9489	10187	9682	9687	
2	ZEF 250009	ZEF 250009	LAR 190442	ZEF 120111	1.0						8269	10762	10353	9247	9836	9551	10059	10733	9647	10040	
3	ZEF 250017	ZEF 250017		ZEF 220277	0.0						11255	8957	9132	9934	10721	9240	8349	7420	8636	8023	
4	ZEF 250030	ZEF 250030		CRV 110150	0.0						10262	9740	9242	10539	10826	9938	9444	7824	9335	8523	
5	ZEF 250033	ZEF 250033		ZEF 200102	0.0						8258	9536	11431	9634	11222	9633	9038			9614	
6	ZEF 250034	ZEF 250034	LAR 190442	ZEF 220136	2.9						9164	11157	9239	9435	8830	9344	10452	11030	9641	10738	
7	ZEF 250038	ZEF 250038	LAR 190442	ZEF 220157	1.2						11765	9168	9445	10644	9032	9150	9160	9932	9146	9440	
8	ZEF 250053	ZEF 250053		BTM 190002	0.0						8559	9962	10837	9836	10421	9643	9654			9917	
9	ZEF 250068	ZEF 250068		VV 150049	0.0						11561	8762	10442	11137	10026	9845	9255	7124	9041	8524	
10	ZEF 250069	ZEF 250069		ZEF 190008	0.0						9059	10060	10839	9137	10526	9743	9553	10224	9739	10527	
11	ZEF 250090	ZEF 250090	BBM 210266	ZEF 210166	0.7						9165	10567	10644	9344	9531	9849	10259	10728	9945	10928	
12	ZEF 250101	ZEF 250101	BBM 210266	ZEF 190183	0.6						8866	10068	9949	10546	10332	9551	9461	10730	9647	10328	
13	ZEF 250114	ZEF 250114		VV 090219	0.0						9763	8763	8545	10739	12229	9047	7457	7126	8343	7524	
14	ZEF 250119	ZEF 250119	BBM 210266	ZEF 210241	0.5						10966	9167	10846	10145	8632	9150	9460	9728	9146	9722	
15	ZEF 250123	ZEF 250123		WAT 130055	0.0						11562	7841	8643	11639	12330	9239	7244	7722	8736	7622	
16	ZEF 250140	ZEF 250140		CRV 110026	0.0						8162	10363	11743	9138	10027	9846	10056	9722	9741	10424	
17	ZEF 250142	ZEF 250142	BBM 210266	ZEF 210122	0.4						11666	7668	11447	11645	10531	9650	8461	9929	9646	9427	
18	ZEF 250149	ZEF 250149		ZEF 230026	0.0						9555	9335	10228	10727	9720	9031	9036			8221	
19	ZEF 250150	ZEF 250150		ZEF 230093	0.0						10555	9435	8726	11024	11420	9830	8935			8320	
20	ZEF 250157	ZEF 250157		ZEF 160097	0.0						11858	8337	8539	10636	11321	9035	7640			7914	
21	ZEF 250164	ZEF 250164		ZEF 180122	0.0						11659	9138	10237	10236	9323	9635	9441			9124	
22	ZEF 250171	ZEF 250171		ZEF 230130	0.0						9735	9635	9026	10224	11119	9427	8832			9320	
23	ZEF 250172	ZEF 250172		ZEF 230130	0.0						9735	9635	9026	10224	11119	9427	8832			9320	
24	ZEF 250174	ZEF 250174		ZEF 230072	0.0						10055	10333	9823	9323	9719	9729	9933			9220	
25	ZEF 250175	ZEF 250175		ZEF 160166	0.0						13159	7839	10040	11237	9824	9437	8442	8522	9034	8925	
26	ZEF 250176	ZEF 250176		ZEF 120099	0.0						9861	9240	10843	10238	10624	9638	9143	8223	9235	8224	
27	ZEF 250177	ZEF 250177		ZEF 220248	0.0						9057	9736	9331	11727	11222	9832	9337			8022	

Selection List on Cow Value

Bull calves younger than 2 years

ID	Name	Sire ID	Dam ID	Visual Score	Horned / Polled	Myostatin	Calving Ease Value	Calf Growth Value	Milk Value	Maint. Value	Fertility Value	Cow Value	Weaner Calf Value	Growth Value	Prod Value	Carcass Value										
Sorted on ID				% Inbreeding		Q204X nt821 F94L	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc										
							★★★★																			
28	ZEF 250178	ZEF 250178	ZEF 230020	0.0			100	57	91	36	90	30	105	29	122	22	96	33	82	37	75	22	90	31	81	20
29	ZEF 250186	ZEF 250186	ZEF 220002	0.0			109	55	93	31	99	29	98	34	109	18	99	30	91	35					86	22
30	ZEF 250194	ZEF 250194	ZEF 130133	0.0			83	61	94	40	106	42	108	38	112	26	95	38	90	43	83	22	91	35	79	25
31	ZEF 250196	ZEF 250196	ZEF 140171	0.0			109	61	84	39	95	41	111	37	115	24	95	37	82	42					77	20
32	ZEF 250197	ZEF 250197	ZEF 160059	0.0			98	60	95	39	103	41	110	38	103	26	99	37	98	42	77	20	93	34	79	22
33	ZEF 250198	ZEF 250198	ZEF 220191	0.0			119	57	89	35	83	29	108	24	116	20	98	31	84	36					87	18
34	ZEF 250204	ZEF 250204	ZEF 180182	0.0			101	59	90	39	106	40	99	38	107	25	95	37	87	42	91	24	93	34	94	26
35	ZEF 250216	ZEF 250216	VV 170031	0.0			103	61	91	39	89	40	105	38	117	26	96	37	83	42	83	26	92	35	87	26
36	ZEF 250227	ZEF 250227	ZEF 230007	0.0			104	55	92	34	101	24	108	22	99	17	95	29	92	34					87	14
37	ZEF 250230	ZEF 250230	FCT 120032	0.0			92	62	92	41	106	43	97	39	105	25	91	38	87	44	84	24	88	35	89	27
38	ZEF 250238	ZEF 250238	ZEF 150109	0.0			88	61	105	40	86	42	104	38	109	27	96	38	95	43	90	22	93	35	89	26
39	ZEF 250243	ZEF 250243	VV 160212	0.0			112	61	84	39	99	40	107	37	108	23	94	37	83	42	89	20	91	34	90	20
40	ZEF 250246	ZEF 250246	JHK 110133	0.0			108	63	82	42	103	43	103	37	113	26	92	39	80	45	80	26	88	36	76	25
							★★★★☆																			
1	ZEF 250019	ZEF 250019	LAR 190442	ZEF 220270	1.2		101	65	86	68	97	46	112	45	104	33	89	50	83	61	90	32	87	46	89	38
2	ZEF 250020	ZEF 250020	LAR 190442	ZEF 220164	1.6		98	65	102	68	85	45	100	44	96	32	89	50	91	60	108	32	92	46	93	41
3	ZEF 250056	ZEF 250056		ZEF 200104	0.0		115	58	84	59	89	38	99	38	110	26	88	43	77	52	99	24	89	39	99	25
4	ZEF 250072	ZEF 250072		CRV 140265	0.0		105	61	78	63	101	42	124	37	96	27	83	45	78	56	85	23	81	41	81	25
5	ZEF 250135	ZEF 250135	BBM 210266	ZEF 210097	0.6		95	65	86	56	107	42	108	36	88	30	80	44	83	52	86	26	79	40	89	23
6	ZEF 250158	ZEF 250158		ZEF 220226	0.0		101	57	90	36	97	28	102	27	96	21	85	32	84	37					83	21
7	ZEF 250221	ZEF 250221		ZEF 150100	0.0		87	61	96	40	94	42	112	38	96	26	86	38	89	43	80	23	82	35	81	26

Selection List on Cow Value

Heifers younger than 2 years

ID	Name	Sire ID	Dam ID	Visual Score	Horned / Polled	Myostatin	Genomic test	Calving Ease Value	Calf Growth Value	Milk Value	Maint. Value	Fertility Value	Cow Value	Weaner Calf Value	Growth Value	Prod Value	Carcass Value										
Sorted on ID				% Inbreeding		Q204X n1821 F94L		Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc										
								★★★★★																			
1	ZEF 250100	ZEF 250100	LAR 200104	ZEF 180179	1.1			121	68	106	70	104	54	104	51	126	34	134	53	116	64	122	39	134	50	116	46
								★★★★★☆																			
1	ZEF 250006	ZEF 250006	MCU 180167	ZEF 190085	1.5			117	66	98	57	107	45	106	49	122	33	123	47	107	55	91	32	117	44	97	25
2	ZEF 250046	ZEF 250046	ZEF 220070	ZEF 220154	0.9			118	62	109	64	93	41	99	42	113	27	121	46	113	57	90	29	116	43	99	36
3	ZEF 250062	ZEF 250062	ZEF 220259	ZEF 220217	2.3			95	61	123	62	91	38	93	41	112	25	121	45	120	55	124	26	124	41	118	33
4	ZEF 250106	ZEF 250106	LAR 200104	ZEF 190088	1.5			100	69	114	70	95	53	98	51	116	36	120	54	115	64	125	40	123	51	115	46
5	ZEF 250115	ZEF 250115	LAR 200104	ZEF 190142	1.7			107	68	122	70	103	53	84	51	98	35	122	53	127	64	134	40	126	50	125	46
6	ZEF 250122	ZEF 250122	LAR 190319	ZEF 170004	1.2			95	69	134	71	94	55	85	52	102	40	126	55	134	65	134	42	131	52	137	50
7	ZEF 250184	ZEF 250184		ZEF 170001	0.0			117	60	107	40	100	41	94	39	118	28	124	38	112	43	113	26	123	36	116	26
8	ZEF 250241	ZEF 250241		ZEF 200075	0.0			121	58	97	36	95	36	107	37	132	22	123	34	102	39	89	20	117	31	90	20
								★★★★★																			
1	ZEF 250003	ZEF 250003	MCU 180167	FCT 100038	1.1			108	70	105	60	90	54	100	50	120	37	114	51	103	59	103	38	112	48	105	30
2	ZEF 250015	ZEF 250015		ZEF 170015	0.0			97	59	107	61	99	42	92	39	119	29	111	45	102	54	104	26	110	41	102	26
3	ZEF 250023	ZEF 250023		ZEF 200018	0.0			118	57	91	59	95	35	120	36	122	23	115	42	97	51	84	20	109	38	87	22
4	ZEF 250039	ZEF 250039	BBM 210266	ZEF 210211	0.5			97	66	112	68	114	48	87	45	102	33	114	51	115	61	124	33	118	47	123	32
5	ZEF 250047	ZEF 250047	ZEF 220070	ZEF 220210	2.6			98	63	111	65	91	42	95	43	112	29	110	47	107	58	87	29	105	43	96	37
6	ZEF 250049	ZEF 250049	BBM 210266	ZEF 210125	0.5			102	66	108	67	106	47	99	44	101	32	112	50	113	60	120	31	114	46	116	28
7	ZEF 250060	ZEF 250060	ZEF 220259	ZEF 220213	1.3			103	63	119	64	78	42	94	43	110	29	114	47	112	57	120	28	116	43	111	36
8	ZEF 250075	ZEF 250075	ZEF 220259	ZEF 220163	2.7			93	63	127	65	88	43	88	44	108	30	119	48	121	58	113	30	119	44	111	38
9	ZEF 250086	ZEF 250086	BBM 210266	ZEF 210217	0.6			102	65	113	55	95	43	93	44	109	30	114	45	110	53	121	31	117	42	121	28
10	ZEF 250094	ZEF 250094	LAR 200104	ZEF 190027	1.6			103	68	121	61	97	50	86	50	95	35	114	50	121	59	133	40	119	48	123	46
11	ZEF 250095	ZEF 250095	LAR 200104	VV 150013	1.4			87	70	126	72	97	56	84	52	109	37	118	55	123	66	133	41	123	52	128	44
12	ZEF 250111	ZEF 250111	LAR 200104	ZEF 190136	1.2			92	68	120	60	112	51	91	50	90	33	115	49	125	58	125	38	118	47	123	46
13	ZEF 250129	ZEF 250129		ZEF 200184	0.0			98	57	106	58	103	35	100	36	123	23	119	41	108	51	94	22	114	37	100	21
14	ZEF 250148	ZEF 250148		ZEF 230049	0.0			105	55	100	35	108	27	95	26	117	18	113	30	102	35					99	22
15	ZEF 250219	ZEF 250219		ZEF 190039	0.0			107	59	102	37	112	37	91	38	118	24	117	36	105	40	95	23	113	33	101	26
16	ZEF 250222	ZEF 250222		VV 170152	0.0			109	61	98	38	109	39	100	39	111	27	112	37	102	42	95	26	109	35	106	26

Selection List on Cow Value
Heifers younger than 2 years

ID		Name	Sire ID	Dam ID	Visual Score	Calving Ease Value	Calf Growth Value	Milk Value	Maint. Value	Fertility Value	Cow Value	Weaner Calf Value	Growth Value	Prod Value	Carcass Value
Sorted on ID					% Inbreeding	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc
					Horned / Polled										
					Q204X ni821 F94L										
					Genomic test										
					Italics: DNA Test										
						★★★★☆									
1	ZEF 250026	ZEF 250026	LAR 190442	ZEF 220230	1.6	127 65	92 68	95 44	121 44	89 31	103 49	103 60	94 31	100 45	90 39
2	ZEF 250031	ZEF 250031		AG 160049	0.0	102 61	91 39	85 40	117 39	127 30	102 38	87 43	63 24	93 35	73 22
3	ZEF 250036	ZEF 250036		ZEF 200187	0.0	96 57	101 35	109 31	99 34	111 21	108 33	102 37	90 22	104 31	98 22
4	ZEF 250040	ZEF 250040		ZEF 180189	0.0	109 59	99 60	114 40	90 38	97 26	104 44	102 53	98 24	103 40	105 26
5	ZEF 250041	ZEF 250041		ZEF 200274	0.0	103 57	105 58	114 34	89 35	97 24	108 41	109 50	85 22	102 37	92 22
6	ZEF 250044	ZEF 250044	ZEF 220070	ZEF 220261	2.6	116 64	96 65	101 43	107 43	96 29	103 48	101 58	92 28	100 44	97 36
7	ZEF 250079	ZEF 250079		ZEF 200121	0.0	111 58	96 59	91 38	99 37	111 26	101 43	92 52	86 24	97 39	86 26
8	ZEF 250087	ZEF 250087	BBM 210266	ZEF 210121	0.6	90 66	110 68	110 46	92 44	92 32	103 50	110 61	110 32	104 46	112 27
9	ZEF 250109	ZEF 250109	LAR 190319	ZEF 180050	2.0	88 69	114 71	108 54	93 51	81 37	100 54	115 65	108 38	101 51	109 46
10	ZEF 250112	ZEF 250112	LAR 200104	ZEF 130161	0.6	81 69	121 71	105 56	83 51	96 35	106 54	117 65	124 40	110 51	118 45
11	ZEF 250120	ZEF 250120	ZEF 220070	ZEF 220260	3.9	119 62	91 64	96 40	102 42	112 27	104 46	92 56	95 30	102 43	99 36
12	ZEF 250124	ZEF 250124	BBM 210266	FCT 120103	0.9	90 69	104 71	109 54	96 47	98 35	100 53	103 65	112 34	102 49	109 32
13	ZEF 250126	ZEF 250126	BBM 210266	VV 130127	0.6	97 69	92 71	103 53	123 46	104 33	100 53	97 64	100 33	99 49	98 28
14	ZEF 250146	ZEF 250146		ZEF 230059	0.0	107 56	92 36	86 30	104 29	133 23	105 33	84 37	65 20	95 30	86 18
15	ZEF 250147	ZEF 250147		ZEF 220068	0.0	96 55	95 35	111 27	108 26	106 20	103 31	99 35			85 22
16	ZEF 250151	ZEF 250151		ZEF 230086	0.0	94 55	103 34	94 26	93 23	114 17	101 29	96 34			89 20
17	ZEF 250156	ZEF 250156		ZEF 220034	0.0	108 57	96 36	99 33	101 36	114 22	106 34	95 39	88 22	101 32	93 22
18	ZEF 250160	ZEF 250160		ZEF 230120	0.0	97 54	96 18	100 16	101 18	118 12	103 21	92 23			87 12
19	ZEF 250165	ZEF 250165		ZEF 220152	0.0	125 57	87 34	92 28	105 23	120 19	106 30	88 35			85 18
20	ZEF 250173	ZEF 250173		ZEF 160076	0.0	114 59	90 38	98 40	105 36	117 23	105 36	91 41			87 19
21	ZEF 250179	ZEF 250179		ZEF 220160	0.0	97 55	105 34	101 24	94 23	114 19	109 30	103 34			105 19
22	ZEF 250180	ZEF 250180		ZEF 150075	0.0	107 61	94 40	90 42	118 40	118 27	106 38	94 44	83 24	101 35	87 28
23	ZEF 250183	ZEF 250183		ZEF 200093	0.0	107 58	98 37	110 34	94 36	112 22	109 34	100 39	82 20	103 31	92 23
24	ZEF 250190	ZEF 250190		ZEF 130002	0.0	123 61	89 38	98 42	105 39	113 23	106 37	92 42	84 22	101 34	91 23
25	ZEF 250193	ZEF 250193		ZEF 160135	0.0	115 59	87 38	99 40	114 36	107 23	100 36	91 41			84 20
26	ZEF 250199	ZEF 250199		ZEF 230117	0.0	104 56	96 35	100 28	102 28	120 22	108 32	95 36	94 23	105 30	95 24
27	ZEF 250201	ZEF 250201		VV 140206	0.0	74 61	122 39	98 41	86 37	109 25	108 37	112 42	99 24	106 34	105 20
28	ZEF 250202	ZEF 250202		CRV 140029	0.0	100 61	93 39	101 41	103 37	116 23	101 37	90 42	86 24	97 34	85 28
29	ZEF 250211	ZEF 250211		ZEF 220076	0.0	120 58	82 36	93 33	109 28	124 22	101 33	80 38			82 20
30	ZEF 250213	ZEF 250213		ZEF 220040	0.0	77 57	106 35	103 30	95 34	115 20	101 32	97 37			98 20
31	ZEF 250217	ZEF 250217		ZEF 200069	0.0	114 57	100 35	83 33	95 35	119 21	105 33	93 38	82 20	100 30	93 22

Selection List on Cow Value

Heifers younger than 2 years

ID	Name	Sire ID	Dam ID	Visual Score	Horned / Polled	Myostatin	Calving Ease Value	Calf Growth Value	Milk Value	Maint. Value	Fertility Value	Cow Value	Weaner Calf Value	Growth Value	Prod Value	Carcass Value
Sorted on ID				% Inbreeding		Q204X ni821 F94L	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc
						<i>Italics: DNA Test</i>										
32	ZEF 250229	ZEF 250229	ZEF 220091	0.0			10958	9237	9733	10829	12723	10934	9238	7321	10131	8621
33	ZEF 250233	ZEF 250233	ZEF 220109	0.0			12155	8734	9525	10525	11619	10330	8734			8920
1	ZEF 250014	ZEF 250014	CRV 110212	0.0			8761	9663	11144	9438	10329	9346	9256	8830	9043	9232
2	ZEF 250028	ZEF 250028	ZEF 220212	0.0			9256	9157	8931	11433	11820	9239	8249			8219
3	ZEF 250035	ZEF 250035	LAR 190442	2.9			10564	10457	9139	9435	8830	9344	9952	11030	9541	10738
4	ZEF 250037	ZEF 250037	LAR 190442	3.0			10665	9868	9344	10043	9630	9449	9560	10531	9545	9839
5	ZEF 250055	ZEF 250055	ZEF 190112	0.0			11859	7160	9639	13038	11326	9144	7453	7520	8639	7321
6	ZEF 250063	ZEF 250063	ZEF 140198	0.0			11061	8262	10243	11539	11228	9646	8455	8826	9342	8628
7	ZEF 250076	ZEF 250076	BBM 210266	0.8			10166	7868	10547	12144	11232	9150	7961	10230	9246	9231
8	ZEF 250082	ZEF 250082	CRV 110100	0.0			8862	10063	10844	9439	9628	9346	9656	9226	9142	9628
9	ZEF 250097	ZEF 250097	BBM 210266	0.6			10666	8868	10947	10845	10031	9650	9261	9029	9446	8928
10	ZEF 250105	ZEF 250105	BBM 210266	0.9			10165	9367	10845	10045	8931	9049	9360	10028	9045	9328
11	ZEF 250125	ZEF 250125	AG 140273	0.0			9460	10762	9442	9039	9728	9545	9855	9020	9240	9520
12	ZEF 250128	ZEF 250128	BBM 210266	0.5			9867	9958	9849	11646	9433	9848	10156	10332	9845	9828
13	ZEF 250155	ZEF 250155	ZEF 180086	0.0			10158	10037	10336	9837	9723	9935	10040	8222	9432	9325
14	ZEF 250169	ZEF 250169	ZEF 210140	0.0			11557	8436	10631	10335	9421	9033	8638			8521
15	ZEF 250182	ZEF 250182	AG 120254	0.0			9562	9041	10342	10439	10328	9039	8644	8222	8636	8924
16	ZEF 250206	ZEF 250206	ZEF 230019	0.0			10455	9234	9624	10522	11116	9829	8834			8714
17	ZEF 250210	ZEF 250210	ZEF 220205	0.0			8357	9436	10631	10429	11222	9433	8937	7420	8830	8520
18	ZEF 250215	ZEF 250215	ZEF 120148	0.0			10161	9139	10542	10437	10723	9737	9043	8420	9334	8826
19	ZEF 250224	ZEF 250224	FCT 100038	0.0			10162	9841	8343	10137	10727	9239	8844	8526	8836	9026
20	ZEF 250226	ZEF 250226	ZEF 130065	0.0			10961	8840	10843	10539	10624	9938	9144	8426	9536	8828
21	ZEF 250231	ZEF 250231	CRV 110203	0.0			9362	9341	10243	10939	11327	9839	9044	7124	9136	8026
22	ZEF 250232	ZEF 250232	ZEF 230029	0.0			10556	9435	9026	10724	9918	9230	9035			9519
23	ZEF 250242	ZEF 250242	AG 170252	0.0			12161	8039	10239	11438	10327	9437	8442	7822	8934	8425
24	ZEF 250244	ZEF 250244	ZEF 200091	0.0			11658	8837	8736	9937	11825	9635	8040	9024	9433	8924
25	ZEF 250248	ZEF 250248	VV 140032	0.0			10361	8340	10042	12638	11024	9638	8643	6624	8835	7422

Selection List on Cow Value

Heifers younger than 2 years

ID Name Sorted on ID		Sire ID	Dam ID	Visual Score % Inbreeding	Horned / Polled	Myostatin Q204X n1821 F94L	Genomic test	Calving Ease Value Acc	Calf Growth Value Acc	Milk Value Acc	Maint. Value Acc	Fertility Value Acc	Cow Value Acc	Weaner Calf Value Acc	Growth Value Acc	Prod Value Acc	Carcass Value Acc
								★★★★★									
1	ZEF 250051	ZEF 250051	ZEF 140165	0.0				9161	9161	10243	9838	10125	8545	8355	7622	8040	7624
2	ZEF 250067	ZEF 250067	BBM 210266	ZEF 210181	0.6			9266	9368	10147	10245	9732	8650	8661	10530	8846	9328
3	ZEF 250091	ZEF 250091	BBM 210266	VV 110377	0.6			9869	10271	9854	9849	8337	8954	9965	9933	8950	9629
4	ZEF 250113	ZEF 250113		CRV 110231	0.0			8462	9663	11043	9438	9926	8846	9056	9526	8842	9128
5	ZEF 250121	ZEF 250121		ZEF 160055	0.0			9160	8261	10542	10638	10726	8244	7554	8720	8139	8226
6	ZEF 250132	ZEF 250132	BBM 210266	ZEF 210136	0.6			10966	8868	9747	11345	9031	8750	8861	8228	8346	7926
7	ZEF 250161	ZEF 250161		AG 200276	0.0			10960	9037	8635	10237	10824	8935	8040	9120	8732	8522
8	ZEF 250203	ZEF 250203		ZEF 210113	0.0			9657	8836	10530	9834	9421	8133	8238			8719
9	ZEF 250240	ZEF 250240		ZEF 220087	0.0			11157	8936	9732	10028	9723	8933	8538	8322	8531	8222

