

BONSMARA

GENOMIC BREEDING VALUE REPORT

September 2026



DIPALEMO BONSMARA

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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



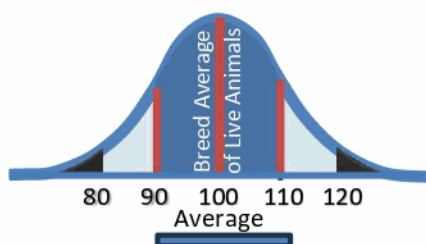
Select for efficient growers on veld and in feedlot, as measured in Phase C and D Growth Tests.

LOGIX Carcass Value

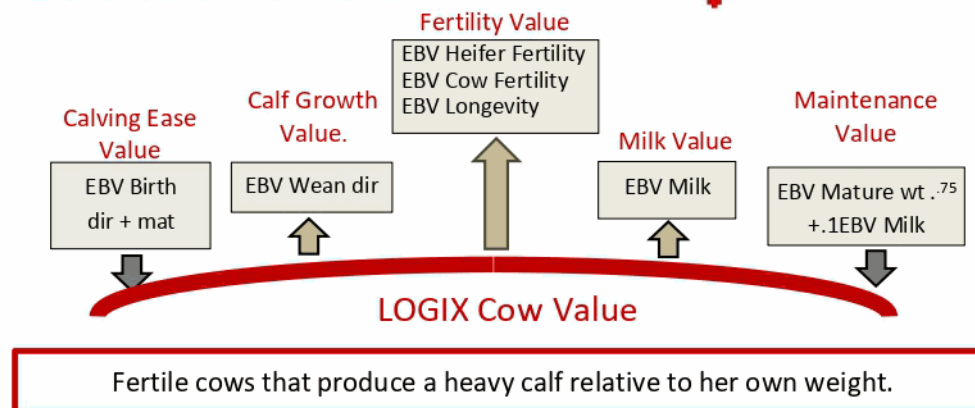


Select for more meat on the carcass as measured from end weight in Phase C and D Growth Tests and RTU scanning.

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)

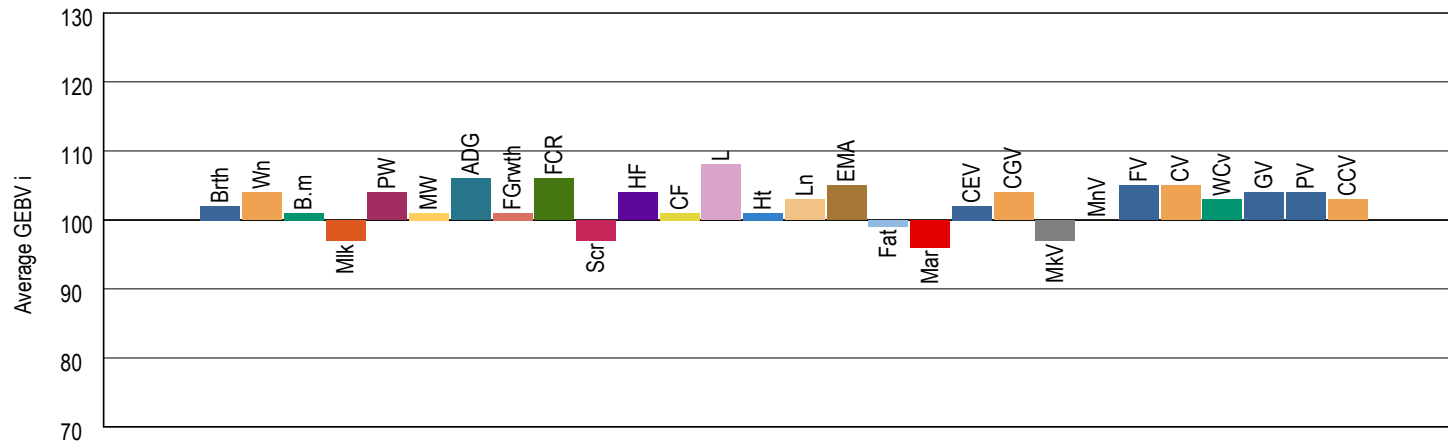
- Maintenance Value >110
 - Cow Value and Fertility Value average to high
- Lighter cows have a lower maintenance.

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
	Scrotal Circumference	Scrotal circumference in growth test	Fertile bulls	Less	More
Fertility	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
Milk:	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	0.81	102	0.98
	Wean Weight	17.1	104	14.9
	Birth Mat.	-0.34	101	-0.28
	Milk (Wn.Mat.)	2.7	97	3.7
Postwean Growth	Postwean Wt	29	104	25
	Mature Weight	23	101	22
	ADG	102	106	79
	VeldGrowth	37	101	35
	FCR	-47	106	-37
Fertility	Scrotal Circumf.	11	97	13
	Heifer Fertility	-11.5	104	-9.1
	Cow Fertility	-0.74	101	-0.56
	Longevity	36.6	108	31.8
Frame	Height	-2.7	101	-3.1
	Length	16.0	103	13.6
Carcass	EMA	1.194	105	0.683
	Fat	-0.046	99	0.055
	Marbling	-0.423	96	-0.056

Selection Value	Ave. Herd
Calving Ease	102
Calf Growth	104
Milk	97
Maintenance	100
Fertility	105
Cow Value	105
Weaner Calf Value	103
Growth Value	104
Production Value	104
Carcass Value	103

- 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?:

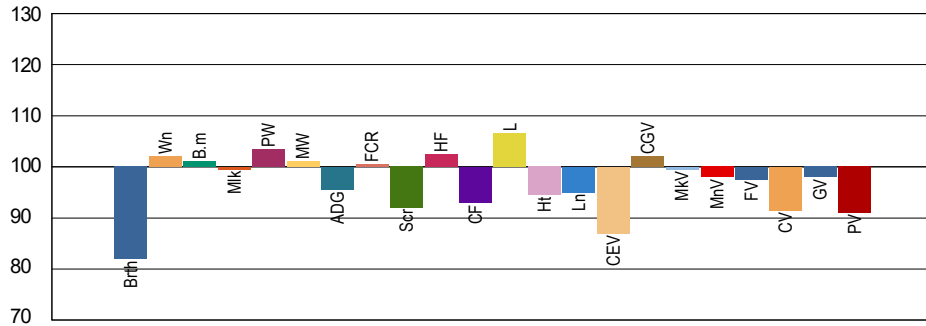
Calving ease:	Smaller calf at birth - easier calving
Calf growth:	Heavier calves at wean due to growth potential of the calf
Milk:	Cows with more milk and better mothering ability
Maintenance:	Animals with low maintenance requirements (lower mature weight).
Fertility:	Cows/daughters that calve earlier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

Genetic Windows

Bulls on the farm

Bulls born in 2023 and earlier

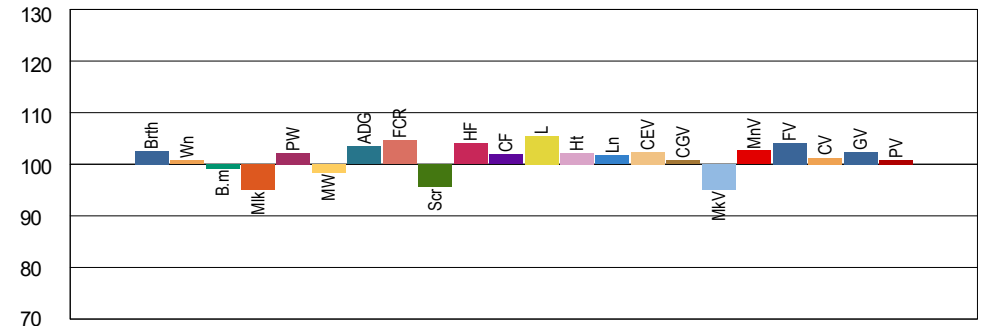
Total: 2



Cow Herd

Cows born in 2024 and earlier

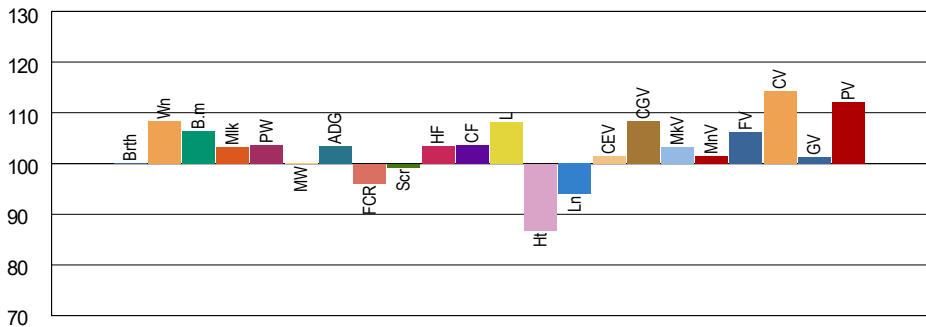
Total: 19



Sires of young animals

Sires of animals 3 years and younger

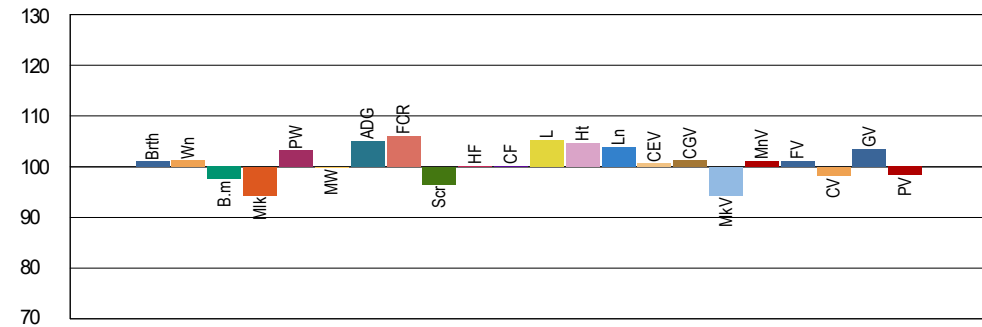
Total: 10



Cows older than 6 years

Cows born in 2020 and earlier

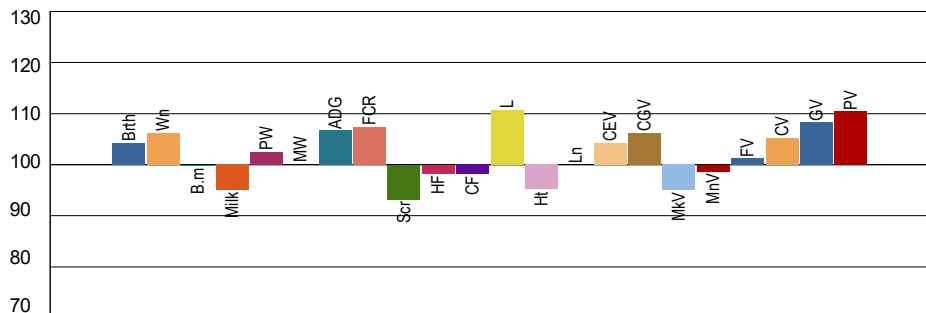
Total: 14



Bull calves

Bulls born in 2025

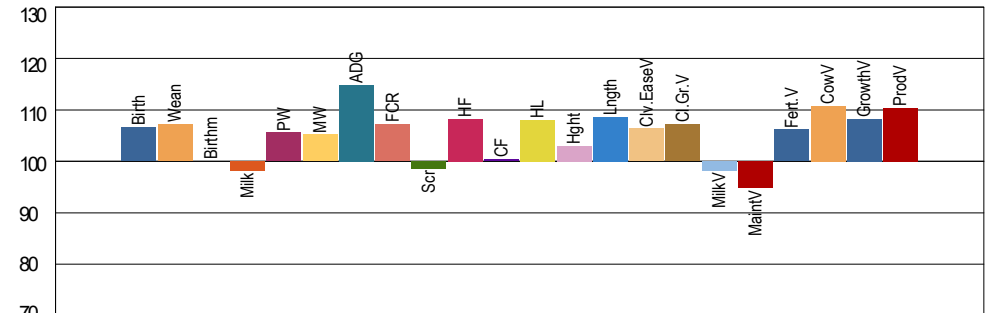
Total: 6



Heifer calves

Heifers born in 2025

Total: 5

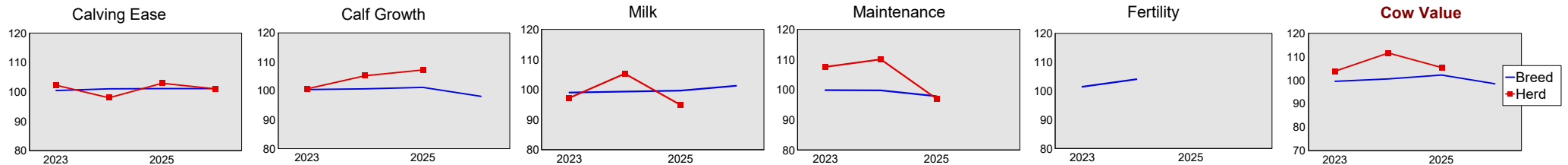


Summary of Cow Herd

			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	99	100	100	100	100	100	100	101	100
2019	5	★★★★	95	103	92	98	98	93	100	93	96	103	97	92	104	102	100	100	95	100	98	102	102	100
2020	9	★★★★☆	103	100	96	103	103	101	105	101	104	100	98	96	102	99	108	109	97	100	101	107	106	106
2023	4	★★★★★	116	97	93	113	111	110	100	108	114	97	109	93	97	88	99	101	91	115	104	105	96	96
2024	1	★★★★☆	75	111	112	82	121	109	100	107	79	111	84	112	110	119	99	100	101	113	118	111	94	95
2025	5	★★★★★	106	107	98	95	106	111	108	110	107	107	100	98	106	105	115	107	99	108	100	108	103	109
2026	4	★★★★★	95	106	106	106	104	110	93	106	93	106	103	106	100	94	97	106	101	105	103	103	93	96
Cows in Herd Average:			98	104	100	100	107	106	101	104	99	104	99	100	103	101	103	105	97	107	104	106	99	100

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.



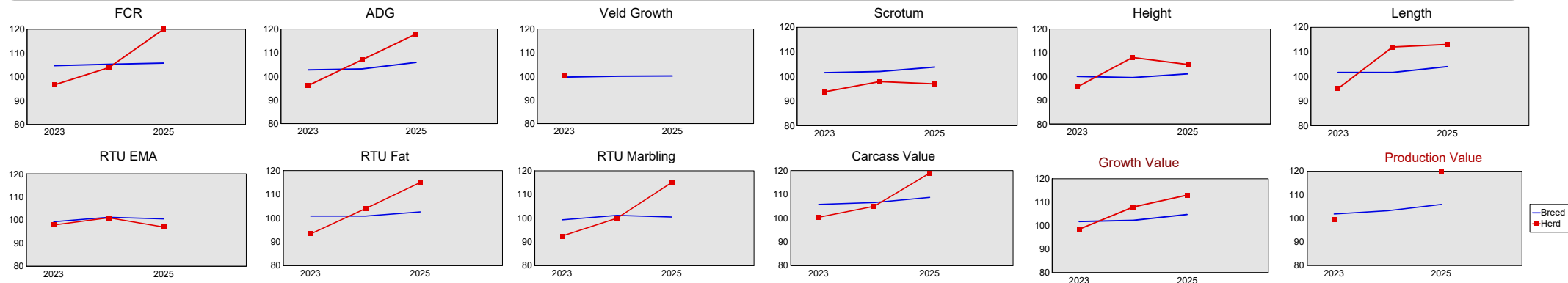
Herd

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.)		Milk	Postwean Weight		Mature Weight	Maintenance	Heifer Fert.		Cow Fert.		Longevity	Ferti- lity	
	Number	EBV				Number		EBV	Number		EBV	Number	EBV		Number	EBV	Number	EBV	Number		
2023	15	0.89	-0.42	102	15	15.2	101	15	2.88	97	12	25.9	108							104	
2024	4	0.91	0.08	98	4	17.8	105	4	5.36	105	1	25.4	110							112	
2025	12	0.65	-0.20	103	8	18.7	107	8	2.14	95	1	30.4	97							105	
2026	8	1.12	-0.65	101																	

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.)		Milk	Postwean Weight		Mature Weight		Maintenance	Heifer Fert.		Cow Fert.		Longevity		Fertility						
	Number	EBV				Number		EBV	Number		EBV	Number	EBV	Number		EBV	Number	EBV	Number	EBV	Number		EBV	Number		EBV		
2016	43617	1.05	-0.23	99		35930	13.3	97		35930	2.85	97		25541	22.8	6538	22	102		8135	-6.1	6285	-0.1	45540	22.9	92		90
2017	45336	1.08	-0.23	99		37532	13.8	98		37532	3.03	98		26133	23.7	6680	22	101		8519	-6.4	6592	-0.1	46660	23.8	93		91
2018	43028	1.06	-0.27	99		35840	13.9	98		35840	3.04	98		24987	23.8	6623	22	102		7937	-6.4	6328	-0.1	44031	24.5	93		92
2019	43014	1.07	-0.28	99		35189	14.5	99		35189	3.04	98		24710	24.8	6812	23	101		8176	-6.8	6640	-0.1	43352	25.5	95		94
2020	43065	1.04	-0.30	100		35848	14.6	99		35848	3.04	98		26199	24.9	7381	23	101		8576	-7.8	6880	-0.3	43333	26.4	97		95
2021	43188	1.01	-0.32	100		35942	14.9	100		35942	3.09	98		26572	25.7	6849	23	101		8460	-7.8	5964	-0.3	40244	27.4	98		97
2022	43262	0.99	-0.31	100		36541	15.2	100		36541	3.28	99		26872	26.2	5981	24	100		8283	-8.2	2919	-0.6	15061	27.5	99		98
2023	44407	0.96	-0.32	100		37320	15.2	100		37320	3.39	99		26594	26.3	1929	23	100		4872	-9.2	139	-1.0			102		100
2024	42942	0.89	-0.31	101		35829	15.3	101		35829	3.50	99		25736	26.4	7	26	100		297	-10.2					104		101
2025	44477	0.89	-0.31	101		33314	15.6	101		33314	3.60	100		7717	28.2			98										102
2026	15472	0.86	-0.27	101		1023	13.9	98		1023	4.09	101																99

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			
2023	3	-31	97	8	65	96	4	37	100	8	9.1	94	8	-7	96	8	9	95	8	0.47	98	-1.02	93	-0.69	93	100	99	100
2024	1	-44	104	1	105	107				1	11.4	98	1	3	108	1	24	112	1	0.80	101	0.68	104	-0.09	100	105	108	
2025	1	-72	122	1	149	118				1	10.8	97	1	1	105	1	25	113	1	0.36	97	2.38	115	1.23	115	119	113	121
2026																												

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	16297	29	97	9041	11.6	98	8541	0	104	8457	14	101	3129	0.61	99	-0.38	97	-0.09	100	99	97	93
2018	628	-41	103	8227	78	100	15438	30	97	8717	11.7	98	7978	-1	103	7980	14	101	2986	0.81	101	-0.47	97	-0.11	99	99	98	94
2019	628	-44	104	8521	81	100	14895	31	98	8900	12.2	99	8361	-1	102	8364	15	101	3151	1.17	105	-0.38	97	-0.07	100	102	99	96
2020	636	-47	106	8817	82	101	15919	32	98	9374	12.6	100	8824	-2	102	8827	15	101	4040	0.98	103	-0.15	99	-0.14	99	102	99	97
2021	664	-43	104	8962	85	101	16263	33	99	9619	12.9	100	9225	-2	101	9224	15	101	3802	1.05	104	-0.07	99	-0.26	98	104	100	99
2022	728	-46	105	8922	88	102	16338	34	99	9812	13.3	101	9649	-2	101	9652	15	102	4279	1.15	105	0.13	100	-0.06	100	105	101	101
2023	763	-44	105	8756	90	103	16158	35	100	9664	13.7	102	9747	-3	100	9738	15	102	4124	1.23	106	0.19	101	-0.11	99	106	102	102
2024	819	-45	105	8610	91	103	15494	36	100	9152	14.0	102	9273	-3	100	9184	15	102	4523	1.21	105	0.20	101	0.04	101	107	102	103
2025	363	-46	106	2908	102	106	4501	36	100	2815	15.1	104	3087	-2	101	3050	17	104	1816	1.24	106	0.47	103	-0.01	101	109	105	106
2026																												

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)	
ABB 190605 89810501		ABB 160223 ABB 170230		96	125	101	92	108	127	128	118	127	123	111	96	101	107	125	101	120	114	138	85	121	79	90	119	93	111	110	120	103	118	100	73	56		
				94	95	89	88	88	84	93	91	85	92	38	1.36	-1.7	33	28.5	4.0	120	37.1	221	0	-72	-0.86	6.8	-20.0	0.7	38.2	5	31.6	0.95	2.98	-0.08	21	2	2	
BBP 150351 83046292		JMP 120159 FCT 040144		85	121	102	71	100	105	115	128	110	138	131	96	90	136	121	102	102	129	136	149	131	103	78	97	99	103	126	149	148	110	86	80	72		
				96	97	95	95	93	88	96	94	89	94	65	1.44	-0.2	75	26.1	4.5	79	50.9	216	153	-88	0.47	-0.5	-7.6	-0.5	33.4	17	57.1	5.44	1.59	-1.23	27	18	54	
CEF 110301 72718067		CEF 080338 CEF 080218		102	125	67	88	92	102	113	143	111	123	108	97	117	114	125	67	89	126	144	85	139	83	109	106	89	89	112	131	126	80	81	275	248		
				99	98	97	97	95	90	98	96	91	96	34	1.27	-3.8	43	28.5	-6.4	46	48.5	246	-1	-101	-0.63	17.9	-12.8	1.3	25.5	7	41.3	3.25	-3.16	-1.63	104	62	226	
CEF 140311 79708749		CEF 120367 CEF 080047		116	108	98	98	119	124	112	124	126	119	110	117	139	101	108	98	105	114	126	116	127	132	129	130	108	101	104	124	143	111	108	171	154		
				97	98	95	95	93	88	97	94	89	94	36	-0.77	-6.9	23	19.2	3.1	86	37.2	177	73	-81	2.07	30.1	-26.1	-2.0	32.3	0	35.2	4.97	1.86	0.65	44	39	86	
CEF 160402 83594275		CEF 130317 CEF 120138		111	114	88	95	116	120	111	129	124	125	98	116	98	104	114	88	100	120	128	97	115	78	123	121	110	98	104	110	98	115	127	79	66		
				97	97	95	95	94	88	96	94	89	94	21	-0.65	-1.3	29	22.5	0.0	74	42.6	184	29	-61	-0.92	26.3	-21.1	-2.3	30.8	0	22.9	0.45	2.50	2.22	12	20	45	
CEF 190341 88457189		CEF 130548 CEF 110136		111	104	106	130	124	135	122	90	128	87	78	110	96	75	104	106	127	104	89	105	91	95	88	147	100	110	96	88	79	63	94	237	174		
				97	97	92	93	91	87	96	94	88	94	-7	-0.03	-1.0	-15	17.2	5.5	139	28.4	38	49	-22	0.03	5.7	-35.7	-0.5	37.7	-6	3.4	-1.39	-5.77	-0.55	38	17	17	
GJN 150254 82768516		AG 120062 GJN 120091		92	90	110	119	96	93	96	85	90	97	75	87	101	83	90	110	109	91	78	100	81	119	79	114	85	102	67	78	94	115	108	221	203		
				98	98	97	97	95	89	98	96	90	96	-10	2.30	-1.7	-3	9.7	6.7	96	17.3	-6	36	-5	1.38	0.4	-16.8	2.1	33.1	-30	-5.5	0.07	2.47	0.62	56	46	84	
HART170276 85800639		FCT 110285 HART120053		82	111	129	74	120	118	115	107	117	115	133	86	98	130	111	129	116	111	100	118	103	102	114	108	118	115	90	101	144	116	83	108	102		
				98	98	97	97	96	90	98	96	91	96	68	2.47	-1.3	66	20.6	12.5	112	34.7	78	79	-42	0.42	21.1	-13.8	-3.7	41.2	-11	14.9	5.04	2.64	-1.49	4	28	30	
JHL 210026 91976043		MCU 140048 FTB 180001		100	105	120	110	92	114	120	77	106	99	93	95	104	88	105	120	131	88	82	79	106	116	106	92	102	87	80	92	108	129	91	49	30		
				94	93	88	88	87	83	92	90	84	90	13	1.51	-2.1	4	17.6	9.9	148	14.6	11	-14	-46	1.23	16.4	-4.3	-1.0	24.1	-19	6.8	1.53	4.62	-0.81	10			
LAR 140064 80516453		LAR 090281 LAR 110039		91	100	98	104	105	98	96	102	98	97	90	95	84	94	100	98	102	97	104	88	96	107	102	101	102	109	86	81	136	100	83	551	498		
				99	99	98	98	97	90	99	98	92	98	10	1.48	0.6	13	15.2	3.1	78	22.2	94	6	-31	0.72	14.1	-9.9	-0.8	37.2	-14	-2.9	4.24	0.08	-1.50	205	117	263	
LAR 150117 82875782		BP 100017 LAR 120317		105	91	119	115	96	105	102	98	103	98	86	111	81	85	91	119	118	94	103	112	97	139	89	102	91	102	94	98	77	108	68	63	58		
				96	96	94	94	91	87	95	93	88	92	4	-0.17	1.0	0	10.3	9.6	117	19.3	89	64	-32	2.51	6.4	-10.5	1.0	33.3	-8	11.5	-1.64	1.38	-2.77	16	21	51	
MCU 170116 86279387		MCU 140092 MCU 120004		99	89	83	107	113	87	77	109	90	103	82	104	84	92	89	83	79	96	107	110	122	115	88	101	126	93	106	108	81	106	144	48	47		
				94	95	91	91	89	85	94	91	86	90	0	0.56	0.6	11	9.3	-1.4	22	21.3	105	59	-73	1.15	5.3	-9.8	-5.1	27.4	2	20.6	-1.24	0.98	3.65	14	11	18	
NFS 140154 80092190		NFS 110101 NFS 100204		97	114	73	89	104	97	99	106	98	113	108	93	118	113	114	73	84	116	107	99	119	98	103	88	114	99	116	125	128	92	89	200	168		
				99	99	98	98	97	90	99	98	92	98	35	1.68	-4.0	42	22.5	-4.5	35	39.4	106	33	-68	0.22	14.4	-2.3	-3.1	31.0	10	35.6	3.46	-1.24	-0.94	32	60	184	
NFS 150069 82203241		FCT 120053 SSK 060043		106	112	58	95	103	94	94	107	95	103	95	105	108	106	112	58	74	114	111	100	119	117	112	99	109	99	104	114	125	73	53	191	177		
				98	98	96	96	94	89	97	98	91	98	16	0.41	-2.7	32	21.6	-9.0	10	37.5	120	35	-68	1.28	19.9	-8.4	-2.1	31.4	0	26.3	3.21	-4.19	-4.01	140	59	168	

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																																		Birth	Wean	
Comp.nr																																		Grwth Test	Dght & clvs (Weaned)	
NFS 170207 85946911		GJN 140292 NFS 150213	110	85	91	111	113	93	81	81	89	79	79	108	104	89	85	91	83	95	79	108	73	99	76	108	107	120	70	66	51	78	115	6	6	
			90	90	88	88	86	82	89	88	83	88	-5	0.11	-2.1	5	6.9	0.8	32	20.5	1	54	7	0.26	-1.4	-13.7	-1.8	43.7	-27	-16.2	-4.19	-3.42	1.19	1	4	10
NFS 170341 85948131		LAR 130207 NFS 100120	102	97	89	95	90	83	87	109	87	105	97	103	100	105	97	89	86	107	113	120	100	98	98	91	90	108	89	100	106	79	126	17	14	
			92	92	90	90	88	83	91	90	84	90	20	0.65	-1.6	29	13.2	0.5	39	31.3	128	84	-37	0.20	11.9	-4.0	1.3	36.6	-12	13.8	1.32	-3.18	2.15	6	6	11
NFS 170421 86394855		HDT 130007 HDT 120117	85	117	118	77	81	101	119	106	101	118	125	90	94	127	117	118	115	117	100	110	103	98	114	72	87	108	110	110	82	114	67	9	9	
			82	82	72	70	51	67	79	74	68	73	57	2.02	-0.8	61	24.2	9.3	110	40.4	79	60	-42	0.24	21.3	6.8	1.8	36.8	5	22.7	-1.07	2.25	-2.82	3	4	11
NFS 180090 87339792		HOT 110168 NFS 140304	123	86	122	135	74	106	112	88	101	78	61	124	94	68	86	122	130	75	90	68	88	86	95	59	91	101	84	70	108	105	102	31	30	
			93	93	90	90	87	84	92	90	85	90	-28	-1.51	-0.8	-26	7.6	10.3	146	2.7	43	-41	-16	-0.43	10.0	14.6	1.0	32.7	-16	-13.1	1.48	0.81	0.08	11	9	15
NFS 190039 88795208		LAR 140064 ZVJ 130068	109	97	71	122	69	76	91	103	79	86	75	105	106	83	97	71	79	88	111	72	91	121	104	62	85	95	68	70	120	94	53	286	251	
			98	98	96	96	95	89	97	97	91	97	-10	0.43	-2.4	-3	13.3	-5.2	23	14.2	122	-33	-22	1.47	15.4	12.7	2.1	28.9	-29	-12.8	2.64	-0.93	-4.01	103	38	42
NFS 210119 91821231		CSW 170184 HDT 110037	102	121	96	95	109	124	123	109	122	121	113	100	107	104	121	96	114	113	106	77	74	80	91	83	120	114	88	93	107	132	74	193	108	
			96	96	89	88	87	85	94	92	86	92	41	1.01	-2.5	27	26.0	2.5	106	36.8	101	-19	7	-0.78	7.3	0.4	-4.1	40.1	-13	7.2	1.42	5.06	-2.27	22		
NFS 210290 92879915		CSW 170184 HDE 130175	100	113	111	87	122	127	116	99	123	117	123	104	100	112	113	111	114	108	103	95	70	116	105	101	127	111	81	94	82	120	53	25	22	
			94	94	92	91	90	85	93	92	86	92	55	0.61	-1.5	40	22.2	6.9	107	32.5	89	23	13	1.19	16.0	-9.6	-5.3	38.7	-18	8.0	-1.12	3.28	-4.01	7		
NFS 210457 92878073		CSW 170184 NFS 160012	118	96	92	105	103	103	97	88	99	92	99	117	109	94	96	92	92	91	89	104	97	86	99	90	106	111	76	80	108	93	84	34	24	
			85	87	65	61	47	67	79	79	69	78	22	-0.83	-2.9	13	12.6	1.4	55	16.6	36	46	-31	-0.46	12.0	-3.4	-1.6	38.4	-23	-4.5	1.50	-1.03	-1.41	9		
NFS 220343 94776333		CEF 180505 NFS 170209	104	121	96	80	119	126	122	136	130	141	122	101	125	123	121	96	104	129	138	119	127	77	116	118	101	126	112	124	130	132	120	14		
			90	88	85	85	84	80	87	86	81	86	53	0.90	-4.9	56	26.4	2.4	82	50.6	225	82	-81	-0.93	22.1	-19.1	-0.7	47.8	7	34.7	3.65	5.15	1.65			

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																	
202407 D21 M				0378288MIX																
SERNICK BONSMARA				DAN 230761	84	110	107	100	99	101	106	101	105	108	106	131	102	108	109	
STOET				96519962																GJN 150254
					81	89	88	88	89	88	85	87	85	85	86	87	88	87	88	
202417 C32 M				0378288MIX																
SERNICK BONSMARA				DAN 230003	99	94	87	90	90	102	83	115	90	96	97	90	101	92	74	85
STOET				96519848																
					81	89	88	88	89	88	87	88	87	85	88	87	88	88	87	88
202601 C32 M				0378288MIX																
SERNICK BONSMARA				DAN 250002	121	109	109	113	105	111	97	96	118	122	92	113	97	115	115	119
STOET				99131807																
					51	69	66	61	69	65	72	65	60	65	14	66	59	67	60	63

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	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																															
DAN 230003	96519848	2	 GJN 150254	Sire ID	93	94	95	106	121	99	87	90	96	85	85	94	88	92	94	95	94	93	90	97	96	105	83	130	107	110	90	90	101	92	74
			 NFS 190096	Dam ID	89	89	88	88	86	81	89	88	82	88	3	1.57	0.0	10	11.6	2.2	59	18.5	42	29	-31	0.6	2.7	-26.3	-1.8	37.8	-11	5	0.80	-1.13	-2.26
															87	90	88	88	89	88	88	88	88	85	87	90	89	86	84	87	89	88	87	88	87
DAN 230761	96519962	4	 GJN 150254	Sire ID	81	110	104	90	74	84	103	106	86	109	110	70	94	110	110	104	107	114	101	108	105	100	101	75	79	103	99	100	131	102	108
			 NFS 190467	Dam ID	89	89	87	87	86	81	88	86	82	88	36	4.15	-0.8	36	20.0	4.9	89	37.9	83	55	-45	0.3	13.4	5.2	3.1	33.7	-4	14	3.76	0.31	0.62
															86	90	88	87	89	87	88	88	87	85	85	90	89	86	84	87	89	88	87	88	87
DAN 240003	98359151	1	HART170276	Sire ID	83	111	103	89	125	113	104	108	112	102	111	86	91	112	111	103	106	111	105	111	111	94	102	116	120	112	104	104	120	90	96
			NFS 200270	Dam ID	68	69	56	57	41	55	65	42	52	43	39	2.45	-0.4	39	20.8	4.6	88	34.5	97	62	-55	0.0	13.9	-18.3	-4.2	39.3	0	17	2.67	-1.49	-0.40
															56	72	61	57	69	56	61	56	45	46	38	52	53	46	27	50	49	45	41	45	42
DAN 250001	99131799	2	ABB 190605	Sire ID	92	114	88	101	100	104	108	98	102	100	98	94	91	98	114	88	104	106	106	87	100	101	85	108	90	112	94	96	91	97	84
			NFS 190304	Dam ID	59	69	50	45	36	51	61	52	51	52	21	1.65	-0.4	18	22.4	-0.1	82	30.7	101	5	-36	0.4	4.1	-13.5	1.2	39.0	-8	10	-0.18	-0.44	-1.38
															43	62	51	45	69	50	55	53	51	14	50	57	56	38	22	47	55	52	51	54	51
DAN 250002	99131807	1	ABB 190605	Sire ID	115	109	101	97	110	121	115	113	121	119	100	113	113	102	109	101	108	106	118	92	122	91	97	108	102	115	105	113	97	115	115
			NFS 200388	Dam ID	67	69	48	44	32	51	62	66	54	63	24	-0.38	-3.4	24	19.5	4.1	93	30.4	149	15	-72	-0.2	10.8	-13.6	-0.9	40.7	1	25	0.36	2.38	1.23
															43	73	54	44	69	48	54	60	60	14	65	76	72	34	18	44	69	61	59	67	60
DAN 250008	6020093750	2	ABB 190605	Sire ID	96	112	96	98	110	113	110	105	112	108	99	98	94	100	112	96	108	108	115	96	108	87	93	115	94	121	102	108	92	86	99
			NFS 200507	Dam ID	67	68	47	43	31	50	61	48	50	48	23	1.17	-0.7	22	21.3	2.6	92	31.8	136	26	-50	-0.4	8.6	-17.7	0.5	44.6	-2	21	-0.13	-2.19	-0.15
															42	73	53	43	68	47	53	50	46	9	47	54	52	33	18	43	51	47	46	50	46
DAN 250011	6020176514	1	NFS 210457	Sire ID	105	100	91	99	104	98	95	96	97	98	100	105	103	100	100	91	92	97	98	111	104	90	92	93	108	106	87	94	118	103	87
			NFS 200167	Dam ID	66	66	49	47	33	50	60	46	49	46	24	0.48	-2.0	23	14.8	1.0	54	22.2	73	62	-43	-0.2	8.2	-5.3	-2.0	35.3	-13	8	2.52	0.54	-1.20
															47	71	55	47	66	49	54	49	44	21	46	50	49	37	20	43	48	45	44	47	43
DAN 250012	6020176480	1	NFS 210457	Sire ID	126	92	101	104	98	105	99	91	102	89	96	124	116	94	92	101	97	91	95	102	100	100	89	89	102	107	86	86	92	92	81
			NFS 200081	Dam ID	66	66	49	48	34	51	61	48	50	48	18	-1.58	-3.8	13	10.8	4.0	65	17.2	60	41	-37	0.3	6.4	-2.6	-0.9	35.8	-14	1	-0.16	-1.18	-1.68
															47	71	55	48	66	49	54	48	47	22	47	53	52	37	20	44	51	47	46	50	45
DAN 250416	6020176498	1	NFS 210457	Sire ID	91	110	93	93	85	90	102	107	92	107	110	91	97	106	110	93	100	107	108	90	110	88	103	77	93	103	97	103	120	90	88
			NFS 190467	Dam ID	66	66	49	48	35	51	61	47	50	48	37	1.90	-1.2	32	20.1	1.7	73	31.4	108	13	-54	-0.4	14.8	3.9	0.8	33.7	-5	16	2.66	-1.49	-1.10
															47	71	55	48	66	49	54	48	47	26	45	52	51	36	23	45	50	47	46	49	45
DAN 260001	6020714512	1	NFS 210119	Sire ID	118	104	100	108	113	122	113	103	120	107	94	116	111	91	104	100	109	102	101	78	86	93	90	104	113	111	94	94	94	109	93
			DAN 230005	Dam ID	57	59	44	41	31	45	54	50	46	49	16	-0.68	-3.1	8	16.9	3.8	95	26.9	83	-16	-14	-0.1	6.7	-11.2	-2.8	38.7	-8	9	0.08	1.48	-0.65
															40	61	48	41	59	44	48	54	48	27	50	53	52	34	17	41	51	49	48	50	48
DAN 260004	6020714470	2	NFS 220343	Sire ID	87	118	86	94	102	104	109	109	105	112	104	85	100	106	118	86	101	119	109	102	104	101	101	105	93	115	99	103	108	104	95
			NFS 190304	Dam ID	66	53	49	47	35	47	53	47	47	46	29	2.59	-1.6	31	24.8	-0.7	77	41.8	113	40	-43	0.4	13.2	-12.1	0.6	40.7	-4	16	1.48	0.63	-0.50
															46	71	55	47	53	49	50	46	45	16	46	52	50	39	23	43	49	46	45	48	45
DAN 260005	6020714496	2	NFS 220343	Sire ID	106	111	79	94	109	107	103	122	110	120	101	102	114	106	111	79	90	117	124	128	116	81	106	114	96	116	106	113	115	110	116
			NFS 200378	Dam ID	65	51	46	46	31	44	52	44	44	43	25	0.73	-3.5	31	20.9	-2.6	49	40.2	171	102	-62	-0.7	16.4	-16.9	0.1	41.5	1	25	2.21	1.61	1.30
															45	71	54	46	51	46	48	44	41	12	43	49	47	35	18	39	46	42	41	45	41

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 -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
			Sire ID Dam ID																															
DAN 260007 6020714546	1	NFS 220343 NFS 200235		101 65	113 51	102 46	77 46	102 31	107 44	111 52	123 42	111 44	128 42	122 53 45	100 0.96 71	112 -3.2 54	128 63 46	113 21.6 51	102 4.4 46	99 71 48	119 41.8 45	124 169 41	118 79 17	120 -70 41	90 -0.2 49	115 22.0 47	99 -8.7 34	94 0.4 18	118 42.5 40	113 7 46	119 30 42	105 1.21 40	123 3.71 44	96 -0.39 40
DAN 260008 6020714553	1	NFS 220343 NFS 200388		133 66	93 52	100 47	96 47	114 31	116 45	101 52	122 44	118 45	122 42	98 21 45	129 -2.01 71	130 -5.7 54	102 25 47	93 11.4 52	100 3.8 47	93 56 49	104 28.3 46	122 163 42	107 52 16	121 -72 43	97 0.1 49	104 15.1 47	109 -14.0 35	106 -1.6 19	118 42.6 40	110 5 46	115 27 42	107 1.36 40	121 3.35 44	125 2.07 40
DAN 260010 6020697758	1	NFS 220343 NFS 190228		110 67	110 52	96 47	86 47	103 34	109 46	108 53	120 44	112 46	122 44	115 43 47	105 0.45 72	120 -4.2 55	116 45 47	110 20.1 52	96 2.4 47	97 67 49	115 38.2 46	122 161 43	107 52 24	118 -66 44	84 -0.6 50	110 18.6 48	103 -10.6 38	95 0.3 23	114 40.3 42	111 6 47	116 28 43	125 3.16 42	108 1.26 46	108 0.59 43

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																															
NFS 190096 89843619	2	LAR 140064 HDE 120016		82 79	100 77	97 78	96 77	122 53	97 67	87 77	92 58	95 65	81 58	97 19 77	89 2.18 80	79 1.3 77	103 27 77	100 14.7 77	97 2.7 78	95 61 77	101 25.9 70	97 70 58	90 11 40	97 -32 56	98 0.2 63	87 4.9 62	119 -19.9 60	117 -3.7 35	107 36.0 64	98 -5 61	88 3 58	106 1.25 56	89 -1.61 59	73 -2.31 56
NFS 190228 88796693	1	NFS 140154 NFS 140183		103 79	102 75	96 74	92 75	88 53	92 66	97 75	105 58	93 64	103 56	107 33 75	100 0.95 80	109 -2.8 76	108 34 75	102 16.2 75	96 2.6 74	95 61 75	104 28.8 68	105 98 56	94 22 44	108 -49 57	91 -0.2 62	104 15.1 61	88 -2.1 57	90 1.2 37	101 32.7 64	110 5 60	109 22 56	120 2.68 55	83 -2.63 58	95 -0.46 55
NFS 190304 89317762	3	NFS 150069 NFS 080172		86 78	106 77	73 77	111 75	86 54	80 67	91 77	82 64	78 66	84 64	87 5 71	89 2.15 79	80 1.1 75	89 6 75	106 18.1 77	73 -4.5 77	88 43 76	102 26.4 64	79 1 63	84 -3 25	77 1 63	125 1.7 69	86 4.2 68	93 -5.2 59	86 1.9 38	103 33.7 65	86 -14 67	82 -2 64	86 -0.69 63	75 -3.89 66	69 -2.64 63
NFS 190318 89317903	1	CEF 140311 NFS 100079		129 78	89 77	99 76	109 75	126 50	119 66	97 77	100 62	116 65	97 60	95 17 73	124 -1.56 79	125 -4.9 75	90 7 75	89 9.0 77	99 3.4 76	94 59 76	96 21.2 68	95 61 60	115 71 21	99 -35 59	111 0.9 69	94 9.1 67	134 -28.3 56	116 -3.3 32	102 33.2 63	100 -3 65	104 17 61	102 0.84 57	118 2.95 62	112 0.92 58
NFS 190467 89893028	2	CEF 110301 GJN 150149		77 75	117 74	94 72	84 75	68 50	79 64	104 74	122 51	85 61	113 56	121 52 73	77 3.34 77	92 -0.5 73	119 49 75	117 24.0 72	94 1.7 74	100 74 74	119 41.7 61	122 164 56	81 -10 36	121 -71 44	89 -0.3 61	104 15.5 60	68 9.3 51	80 3.0 36	95 28.7 62	114 8 59	118 30 56	124 3.11 54	87 -1.92 57	91 -0.83 54
NFS 200008 90289513	1	CEF 140311 ZVJ 110035		100 76	112 75	109 71	87 74	112 50	119 64	114 74	123 54	121 62	122 54	118 48 73	99 1.06 78	107 -2.5 74	113 41 74	112 21.6 75	109 6.3 71	111 100 73	118 40.9 64	127 180 56	101 38 23	117 -64 49	127 1.8 64	107 16.7 62	118 -19.6 56	104 -1.3 32	106 35.4 62	124 16 61	129 39 57	131 3.82 52	108 1.26 57	101 0.02 52
NFS 200081 90290156	1	LAR 150117 NFS 150152		127 76	91 74	111 73	105 74	92 47	106 63	103 74	97 56	104 62	93 56	93 14 74	124 -1.54 78	118 -4.1 73	93 12 74	91 10.0 74	111 7.1 73	105 85 74	94 19.2 62	104 94 55	97 29 21	105 -45 53	114 1.1 64	82 2.3 62	85 -0.4 53	98 -0.2 30	102 33.2 59	100 -3 61	97 11 56	81 -1.26 53	91 -1.35 58	78 -1.91 53
NFS 200167 90290859	1	BBP 150351 ZVJ 130127		101 76	102 74	88 71	92 73	105 46	95 63	92 74	105 50	96 60	107 48	103 28 73	101 0.83 78	103 -2.0 73	109 35 73	102 16.2 74	88 0.0 71	88 44 73	102 26.4 62	110 116 48	116 74 18	111 -54 48	94 0.0 54	87 5.1 53	96 -6.8 51	110 -2.4 28	101 32.7 58	101 -2 52	111 23 49	130 3.70 46	113 2.12 49	89 -0.96 46
NFS 200235 90479239	1	NFS 170421 HDE 160021		89 75	106 73	109 70	73 71	86 43	88 61	100 72	109 50	90 59	114 51	122 53 71	95 1.47 77	98 -1.3 72	133 71 71	106 18.0 73	109 6.5 70	97 65 71	111 34.4 62	109 113 50	117 76 26	113 -58 45	102 0.4 59	115 21.8 57	81 1.6 47	88 1.5 25	109 37.2 56	114 8 56	113 25 50	81 -1.23 48	114 2.27 54	72 -2.43 48
NFS 200270 91279042	1	CEF 160402 NFS 160248		105 75	111 75	71 72	100 73	129 47	114 63	99 74	112 55	114 61	96 55	97 19 71	107 0.30 77	99 -1.4 72	100 22 73	111 20.8 75	71 -5.2 72	85 38 73	109 32.8 64	115 134 53	99 34 26	120 -70 53	87 -0.4 62	94 9.2 60	121 -21.3 53	123 -4.6 31	110 37.8 58	126 17 59	116 27 54	101 0.81 53	64 -5.64 57	109 0.74 53
NFS 200378 91280032	3	NFS 170341 NFS 170202		98 75	104 72	64 70	112 72	99 43	87 61	89 72	109 54	90 60	99 52	81 -2 70	97 1.27 77	96 -1.0 72	89 6 72	104 17.1 72	64 -7.4 70	77 18 71	108 32.0 58	110 117 50	136 122 13	103 -42 53	84 -0.6 60	97 10.7 57	110 -14.7 49	92 0.9 26	106 35.2 55	99 -4 56	103 16 50	101 0.77 49	87 -1.94 55	112 0.96 50
NFS 200387 91280115	1	NFS 180090 ZVJ 110028		94 76	94 73	109 67	124 70	82 45	91 61	100 72	95 52	90 59	86 50	81 -2 65	96 1.37 78	78 1.4 72	80 -7 70	94 11.5 73	109 6.4 67	114 107 70	86 12.9 58	102 89 49	84 -4 25	108 -50 51	89 -0.3 57	109 18.1 56	76 4.7 49	92 0.8 28	100 32.1 57	97 -5 54	89 4 50	128 3.53 48	108 1.37 53	106 0.43 49

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																															
NFS 200388 91280123	1	MCU 170116 EXL 130004		129 77	81 74	108 72	122 73	110 45	110 63	95 74	107 54	110 61	103 50	75 -10 71	124 -1.57 79	119 -4.1 74	81 -6 73	81 4.6 74	108 6.1 72	99 70 73	90 16.3 66	106 101 52	94 21 25	115 -61 51	116 1.2 61	92 8.2 59	100 -8.8 50	111 -2.6 28	109 37.3 57	107 3 58	106 19 53	84 -0.92 47	109 1.55 53	130 2.49 48
NFS 200507 91281212	1	NFS 170207 NFS 170321		88 75	101 72	93 69	108 70	110 41	98 61	94 72	89 51	95 59	85 50	86 4 68	92 1.78 77	80 1.1 71	91 9 70	101 15.5 72	93 1.6 69	100 73 70	104 28.5 51	89 37 47	110 60 13	91 -22 51	94 0.0 58	93 8.5 55	113 -16.7 46	95 0.2 26	122 45.4 51	89 -12 54	89 4 48	75 -1.81 47	53 -7.31 52	98 -0.27 47
DAN 230002 96519830	2	CEF 190341 NFS 200270		115 69	102 71	88 55	114 55	127 40	122 55	105 66	99 52	118 54	88 52	86 5 54	116 -0.69 74	101 -1.7 60	86 2 55	102 15.8 71	88 0.1 55	99 70 60	101 26.3 68	100 79 51	95 23 37	104 -43 50	91 -0.2 56	89 6.4 55	136 -29.6 46	111 -2.6 24	110 37.7 50	108 4 54	99 13 51	88 -0.56 50	64 -5.69 53	102 0.07 50
DAN 230004 96519855	3	GJN 150254 NFS 190318		112 70	93 72	104 60	111 59	111 44	109 58	100 68	97 52	106 57	97 52	86 5 54	107 0.22 74	115 -3.6 63	88 4 59	93 10.9 72	104 5.1 60	104 83 64	99 24.3 65	90 42 54	145 145 27	98 -33 49	116 1.2 59	90 7.0 58	123 -22.2 50	100 -0.6 28	103 33.4 55	88 -13 57	96 10 55	98 0.45 51	117 2.71 54	110 0.77 51
DAN 230005 96519863	1	CEF 190341 NFS 200388		134 70	87 71	104 55	127 55	117 40	123 56	105 66	97 52	119 55	93 50	76 -9 54	132 -2.37 74	117 -3.9 61	78 -11 55	87 7.8 71	104 5.0 55	104 83 60	91 17.1 68	96 65 50	79 -14 37	100 -36 50	105 0.6 55	89 6.1 55	124 -22.8 45	106 -1.6 24	109 37.3 50	100 -3 54	96 10 51	81 -1.25 49	86 -2.11 52	112 0.96 49
DAN 230010 96519913	1	NFS 190039 NFS 200167		102 70	105 71	77 57	101 57	87 41	86 56	94 66	105 53	88 55	97 52	92 13 55	100 0.99 74	106 -2.3 62	99 20 57	105 17.5 71	77 -3.2 57	86 38 62	96 21.5 68	111 122 53	82 -7 44	100 -37 52	108 0.7 56	96 10.6 55	78 3.6 48	98 -0.1 23	98 30.8 51	86 -15 55	92 7 53	126 3.27 52	103 0.59 53	65 -3.03 52
DAN 240001 98359144	1	HART170276 NFS 190096		75 68	111 70	112 57	82 58	121 42	109 56	105 66	100 44	107 54	96 44	117 47 58	79 3.14 72	87 0.1 62	119 50 58	111 20.9 70	112 7.5 57	110 97 62	110 34.2 58	99 75 46	103 44 49	100 -37 39	100 0.3 52	101 13.1 53	113 -16.7 48	118 -3.7 28	111 38.6 51	94 -8 50	95 9 47	123 2.98 43	103 0.52 45	78 -1.91 43
DAN 250004 99131773	3	ABB 190605 NFS 190228		101 68	113 59	98 48	92 45	98 35	109 48	112 57	111 50	110 48	113 50	109 36 45	100 1.02 73	106 -2.4 55	108 34 45	113 22.0 59	98 3.2 48	106 89 51	108 32.6 54	121 160 49	90 11 23	115 -61 49	85 -0.5 55	97 10.9 54	103 -11.0 37	92 0.9 22	106 35.5 46	110 5 53	115 27 49	111 1.82 48	101 0.17 52	98 -0.27 49
DAN 250006 99131765	2	ABB 190605 NFS 200378		107 67	107 68	83 47	105 44	104 32	105 50	103 61	111 48	106 50	107 49	92 13 43	107 0.26 73	102 -1.8 54	94 14 44	107 18.8 68	83 -1.6 47	95 60 53	105 29.7 52	122 161 47	113 66 9	112 -56 47	81 -0.7 54	91 7.7 53	116 -18.1 34	92 0.8 17	108 36.8 44	102 -2 52	108 20 48	98 0.49 47	103 0.53 51	106 0.41 47
DAN 250007 6020093743	1	ABB 190605 NFS 200235		93 67	114 69	106 47	83 43	97 31	106 50	111 61	114 48	107 50	119 48	115 44 43	97 1.34 73	99 -1.4 53	119 50 43	114 22.2 69	106 5.5 47	107 90 53	111 34.7 52	124 168 47	101 37 14	117 -65 45	90 -0.2 54	103 14.5 53	100 -9.0 33	91 1.1 17	110 37.6 44	113 7 52	117 29 48	92 -0.11 47	116 2.62 50	86 -1.25 47
DAN 250009 6020093552	1	NFS 210290 NFS 200008		104 66	111 57	109 48	87 48	117 34	123 48	114 56	111 48	122 48	120 47	121 51 47	105 0.44 71	105 -2.3 55	113 41 48	111 20.9 57	109 6.5 48	111 99 51	112 35.5 48	115 134 46	98 30 22	94 -27 46	121 1.5 53	106 16.4 51	110 -14.6 37	116 -3.3 20	109 37.0 44	102 -1 50	111 24 47	107 1.35 45	114 2.27 49	75 -2.15 45
DAN 250010 6020176506	1	NFS 210457 NFS 190318		127 67	91 58	95 50	107 48	115 34	111 48	96 57	94 50	107 48	94 49	97 19 47	124 -1.53 72	119 -4.1 56	92 10 48	91 10.0 58	95 2.3 50	91 52 52	92 17.9 50	92 49 48	109 59 22	98 -33 49	98 0.2 55	96 10.6 53	112 -15.8 38	111 -2.5 21	107 35.8 44	88 -13 52	92 6 48	105 1.17 47	106 0.96 51	98 -0.25 46

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 Thicken	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling	
			Sire ID Dam ID																																
DAN 260002 6020714520	1	JHL 210026 DAN 230002		107 54	103 56	104 39	112 38	109 29	118 42	112 50	88 44	112 42	94 44	89 9	105 0.41	102 -1.9	87 3	103 16.7	104 5.0	115 109	95 20.4	91 45	87 4	105 -45	104 0.5	98 11.4	114 -16.9	107 -1.8	98 30.9	94 -8	96 10	98 0.48	96 -0.54	96 -0.37	
DAN 260003 6020714538	1	JHL 210026 NFS 200387		91 66	102 57	115 44	118 44	87 31	103 46	113 54	86 44	99 46	93 43	87 6	89 2.09	88 0.1	84 -2	102 16.1	115 8.3	126 137	90 15.8	92 50	81 -9	107 -48	103 0.5	107 17.2	84 0.2	97 -0.1	94 28.1	89 -12	91 5	118 2.53	119 2.99	98 -0.19	
DAN 260006 6020714504	2	JHL 210026 NFS 190096		88 67	104 58	109 48	102 47	107 34	105 48	104 56	85 46	100 48	90 46	95 16	89 2.17	89 -0.1	96 15	104 17.0	109 6.4	114 106	96 21.3	90 40	84 -2	101 -39	107 0.7	96 10.7	105 -12.1	110 -2.3	97 30.0	89 -12	90 5	107 1.39	109 1.50	82 -1.56	
DAN 260009 6020714561	1	NFS 220343 NFS 200507		92 65	114 51	95 46	93 45	114 30	113 44	109 51	113 42	113 44	113 42	104 28	90 2.00	102 -1.9	107 32	114 22.5	95 2.2	105 85	119 41.5	114 131	115 71	110 -54	86 -0.5	104 15.3	115 -17.9	98 -0.2	124 46.6	101 -3	106 19	102 0.92	93 -1.09	109 0.69	

Selection List on Cow Value

Bulls 2 years and older

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
					<i>Italics: DNA Test</i>															
											★★★★★									
1	DAN 240003	DAN240003	HART170276	NFS 200270	1.0		0	0	0		83 68	111 69	103 56	89 57	125 41	113 55	104 65	108 42	112 52	102 43
											★★★★★									
1	DAN 230003	230003	GJN 150254	NFS 190096	7 2.0	HH(c)	0	0	0		93 89	94 89	95 88	106 88	121 86	99 81	87 89	90 88	96 82	85 88
											★★★★☆									
1	DAN 230761	230761	GJN 150254	NFS 190467	7 3.8	HH(c)	0	0	0		81 89	110 89	104 87	90 87	74 86	84 81	103 88	106 86	86 82	109 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 nt821 F94L		Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc										
				Italics: DNA Test																							
								★★★★★																			
1	DAN 230002	230002	CEF 190341	NFS 200270	7	1.7	0 0 0	115	69	102	71	88	55	114	55	127	40	122	55	105	66	99	52	118	54	88	52
2	DAN 230005	230005	CEF 190341	NFS 200388	8	0.9	0 0 0	134	70	87	71	104	55	127	55	117	40	123	56	105	66	97	52	119	55	93	50
								★★★★★																			
1	NFS 190318	NFS190318	CEF 140311	NFS 100079	7	0.8	0 0 0	129	78	89	77	99	76	109	75	126	50	119	66	97	77	100	62	116	65	97	60
2	NFS 200008	NFS200008	CEF 140311	ZVJ 110035	7	0.8	0 0 0	100	76	112	75	109	71	87	74	112	50	119	64	114	74	123	54	121	62	122	54
3	NFS 200270	NFS200270	CEF 160402	NFS 160248	7	1.4	HH(c) 0 0 0	105	75	111	75	71	72	100	73	129	47	114	63	99	74	112	55	114	61	96	55
4	NFS 200388	NFS200388	MCU 170116	EXL 130004	8	1.0	Pp(c) 0 0 0	129	77	81	74	108	72	122	73	110	45	110	63	95	74	107	54	110	61	103	50
								★★★★★																			
1	DAN 230004	230004	GJN 150254	NFS 190318		2.8	0 0 0	112	70	93	72	104	60	111	59	111	44	109	58	100	68	97	52	106	57	97	52
2	DAN 240001	DAN240001	HART170276	NFS 190096	7	1.1	0 0 0	75	68	111	70	112	57	82	58	121	42	109	56	105	66	100	44	107	54	96	44
3	NFS 200081	NFS200081	LAR 150117	NFS 150152	7	1.2	0 0 0	127	76	91	74	111	73	105	74	92	47	106	63	103	74	97	56	104	62	93	56
								★★★★																			
1	NFS 190096	NFS190096	LAR 140064	HDE 120016	8	1.9	0 0 0	82	79	100	77	97	78	96	77	122	53	97	67	87	77	92	58	95	65	81	58
2	NFS 190228	NFS190228	NFS 140154	NFS 140183	8	1.1	0 0 0	103	79	102	75	96	74	92	75	88	53	92	66	97	75	105	58	93	64	103	56
3	NFS 200167	NFS200167	BBP 150351	ZVJ 130127	7	1.0	HH(c) 0 0 0	101	76	102	74	88	71	92	73	105	46	95	63	92	74	105	50	96	60	107	48
4	NFS 200387	NFS200387	NFS 180090	ZVJ 110028	6	1.1	HH(c) 1 0 0	94	76	94	73	109	67	124	70	82	45	91	61	100	72	95	52	90	59	86	50
5	NFS 200507	NFS200507	NFS 170207	NFS 170321	7	1.2	HH(c) 0 0 0	88	75	101	72	93	69	108	70	110	41	98	61	94	72	89	51	95	59	85	50
								★★★★																			
1	DAN 230010	230010	NFS 190039	NFS 200167	6	1.5	0 0 0	102	70	105	71	77	57	101	57	87	41	86	56	94	66	105	53	88	55	97	52
2	NFS 190304	NFS190304	NFS 150069	NFS 080172	7	2.6	1 0 0	86	78	106	77	73	77	111	75	86	54	80	67	91	77	82	64	78	66	84	64
3	NFS 200235	NFS200235	NFS 170421	HDE 160021	7	0.8	Pp(c) 0 0 0	89	75	106	73	109	70	73	71	86	43	88	61	100	72	109	50	90	59	114	51
4	NFS 200378	NFS200378	NFS 170341	NFS 170202	7	2.8	HH(c) 0 0 0	98	75	104	72	64	70	112	72	99	43	87	61	89	72	109	54	90	60	99	52

Selection List on Cow Value

Cows 2 years and older

ID Name Sorted on ID		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						★★																			
1	NFS 190467	NFS190467	CEF 110301	GJN 150149	7	2.3	1	0	0	77	75	117	74	94	72	84	75	68	50	79	64	104	74	122	51	85	61	113	56

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																													
							★★★★★																						
1	DAN 250002	250002	ABB 190605	NFS 200388	7	1.0	0	0	0	115	67	109	69	101	48	97	44	110	32	121	51	115	62	113	66	121	54	119	63
2	DAN 260001	260001	NFS 210119	DAN 230005	0.9			118	57	104	59	100	44	108	41	113	31	122	45	113	54	103	50	120	46	107	49		
							★★★★★																						
1	DAN 250008	250008	ABB 190605	NFS 200507	2.1			96	67	112	68	96	47	98	43	110	31	113	50	110	61	105	48	112	50	108	48		
2	DAN 260008	260008	NFS 220343	NFS 200388	0.9			133	66	93	52	100	47	96	47	114	31	116	45	101	52	122	44	118	45	122	42		
							★★★★★																						
1	DAN 250001	250001	ABB 190605	NFS 190304	2.3			92	59	114	69	88	50	101	45	100	36	104	51	108	61	98	52	102	51	100	52		
2	DAN 250012	250012	NFS 210457	NFS 200081	1.3			126	66	92	66	101	49	104	48	98	34	105	51	99	61	91	48	102	50	89	48		
3	DAN 260004	DAN260004	NFS 220343	NFS 190304	1.6			87	66	118	53	86	49	94	47	102	35	104	47	109	53	109	47	105	47	112	46		
4	DAN 260005	260005	NFS 220343	NFS 200378	1.8			106	65	111	51	79	46	94	46	109	31	107	44	103	52	122	44	110	44	120	43		
5	DAN 260007	260007	NFS 220343	NFS 200235	1.2			101	65	113	51	102	46	77	46	102	31	107	44	111	52	123	42	111	44	128	42		
6	DAN 260010	260010	NFS 220343	NFS 190228	1.5			110	67	110	52	96	47	86	47	103	34	109	46	108	53	120	44	112	46	122	44		
							★★★★★																						
1	DAN 250011	250011	NFS 210457	NFS 200167	1.1			105	66	100	66	91	49	99	47	104	33	98	50	95	60	96	46	97	49	98	46		
2	DAN 250416	DAN2500416	NFS 210457	NFS 190467	1.0			91	66	110	66	93	49	93	48	85	35	90	51	102	61	107	47	92	50	107	48		

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>										
1	DAN 250009	250009	NFS 210290	NFS 200008	1.0		104 66	111 57	109 48	87 48	117 34	123 48	114 56	111 48	122 48	120 47
1	DAN 250010	250010	NFS 210457	NFS 190318	1.0		127 67	91 58	95 50	107 48	115 34	111 48	96 57	94 50	107 48	94 49
2	DAN 260002	260002	JHL 210026	DAN 230002	1.4		107 54	103 56	104 39	112 38	109 29	118 42	112 50	88 44	112 42	94 44
3	DAN 260009	260009	NFS 220343	NFS 200507	1.5		92 65	114 51	95 46	93 45	114 30	113 44	109 51	113 42	113 44	113 42
1	DAN 250004	250004	ABB 190605	NFS 190228	2.9	0 0 0	101 68	113 59	98 48	92 45	98 35	109 48	112 57	111 50	110 48	113 50
2	DAN 250006	250006	ABB 190605	NFS 200378	1.5	0 0 0	107 67	107 68	83 47	105 44	104 32	105 50	103 61	111 48	106 50	107 49
3	DAN 250007	250007	ABB 190605	NFS 200235	1.5		93 67	114 69	106 47	83 43	97 31	106 50	111 61	114 48	107 50	119 48
4	DAN 260003	260003	JHL 210026	NFS 200387	1.5		91 66	102 57	115 44	118 44	87 31	103 46	113 54	86 44	99 46	93 43
5	DAN 260006	260006	JHL 210026	NFS 190096	1.6		88 67	104 58	109 48	102 47	107 34	105 48	104 56	85 46	100 48	90 46

