

DROUGHTMASTER BREEDING VALUE REPORT

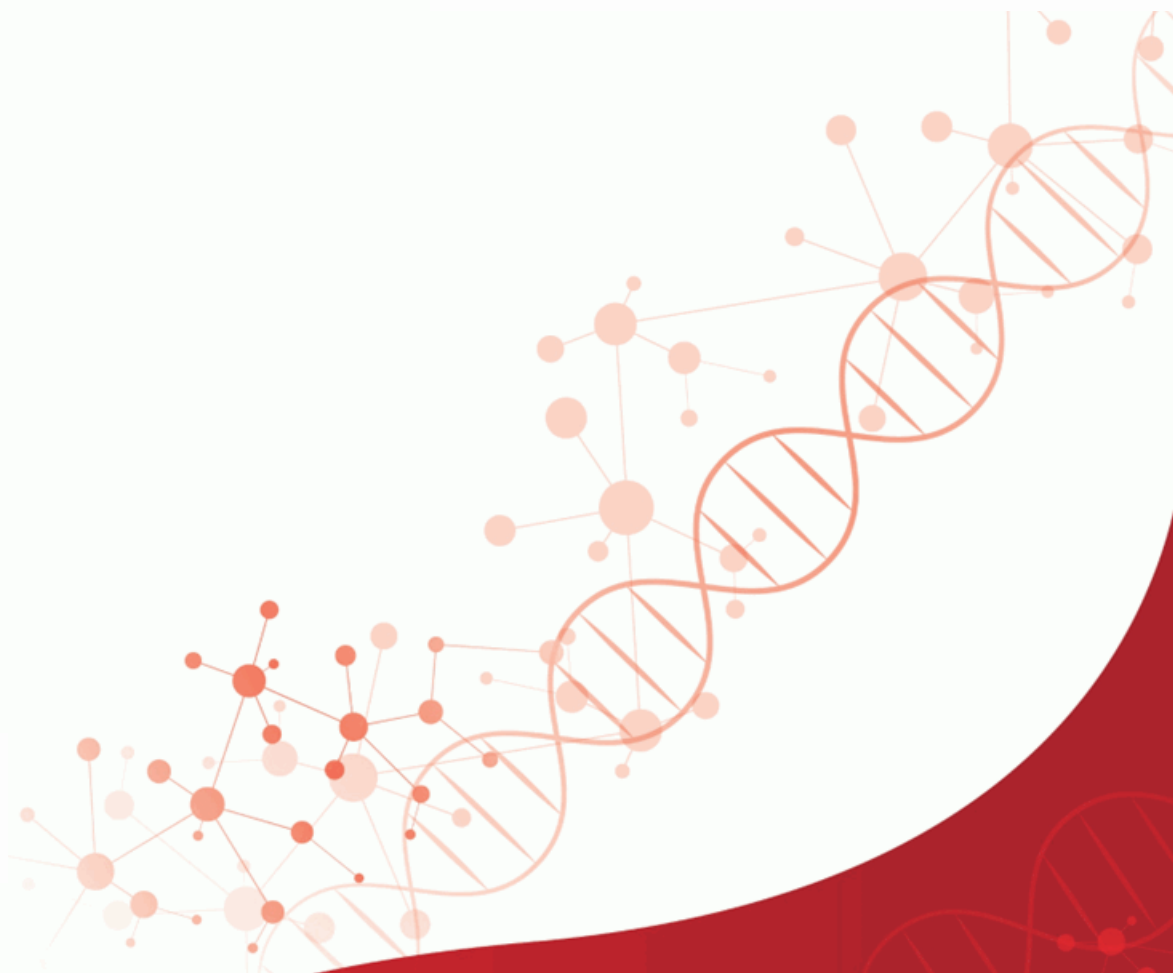
September 2026



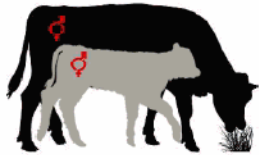
HURWITZ FARMING

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studs@hurwitz.co.za



EBVs, EBVi's and Selection Values



Logix Cow Value

Selecting for:

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

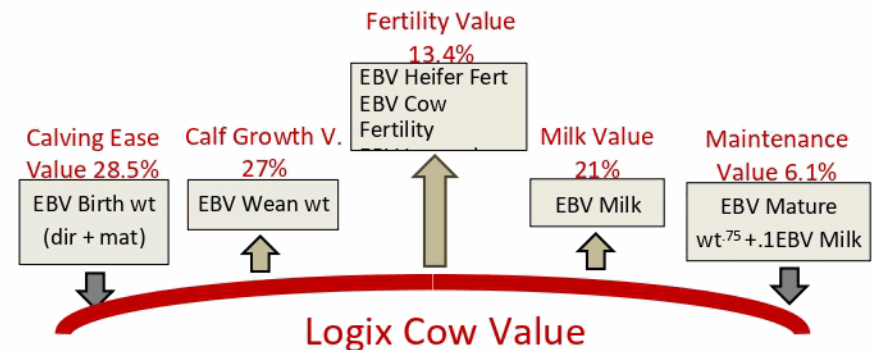
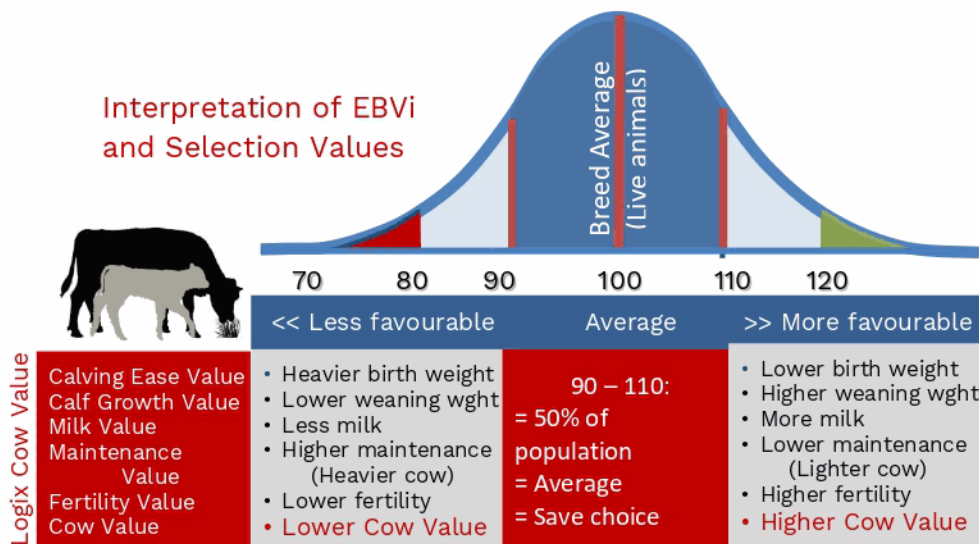
EBVi (EBVindex): The average EBVi of all the live animals in the breed is 100, and all EBVi values are expressed relative to this value. Values above 100 are always in a more desirable direction. Note that a very high index is not always desirable. For certain traits, such as birth weight, average values may be better.

EBV: (Estimated Breeding Value) indicates the genetic potential of the animal for a specific trait. It is presented in the unit of measurement and relative to the average of animals born in the base year (2017).

Selection values combine similar breeding values in a scientific manner to simplify the selection of animals. For example, HF (Heifer Fertility), CF (Cow Fertility) and Longevity are combined to form the Fertility Value by taking the heritability and economic importance in consideration. The sub-value is expressed in an index format, thus an animal with a sub-value of 110 for Fertility will genetically be above average compared to the live animals in the breed.

Cow Value combine relative selection values into a single value. This gives a quick and easy indication of the combined genetic value of an animal compared to the breed. It is advised to still look at the sub-values to see where the strengths and weaknesses lie.

Interpretation of EBVi and Selection Values



SABeefBulls.com

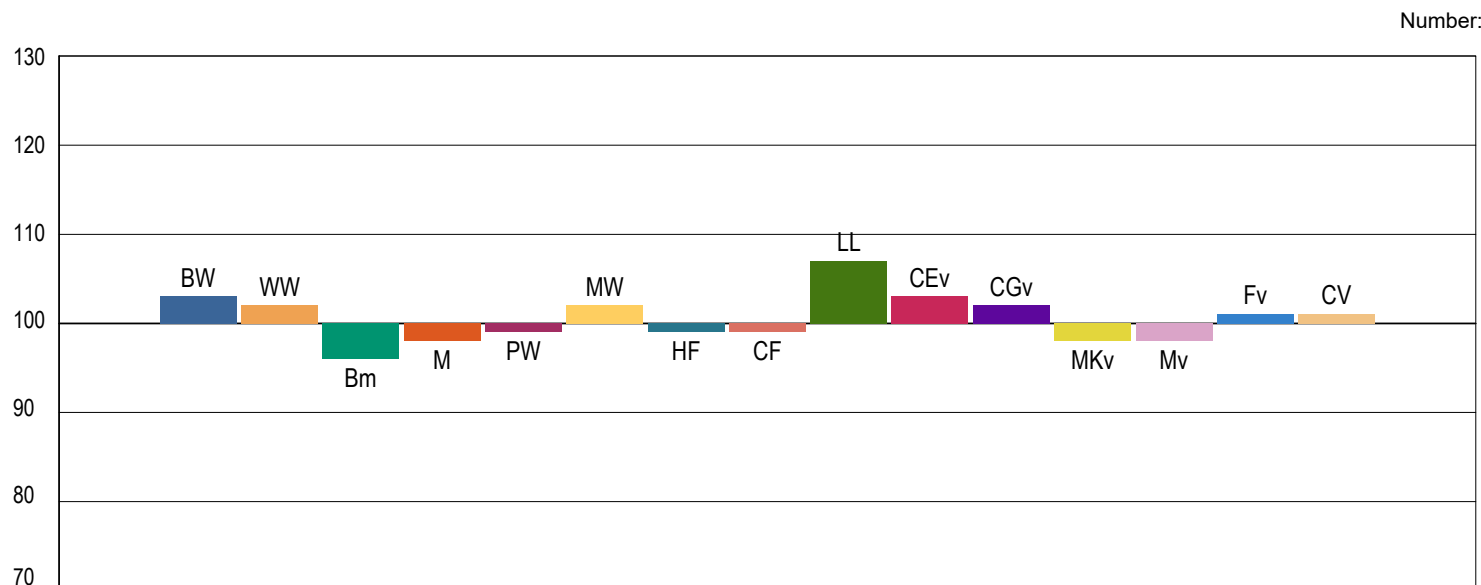
Profit through Genetics
- at your service

LOGIX



CERTIFICATE
OF QUALITY
Valid up to
1 April 2024

Herd and Breed Averages



Abbreviations:

Breeding Value (EBV) and Breeding Value Index (EBVi):

BW	Birth Weight
WW	Weaning Weight
Bm	Birth maternal
M	Milk
PW	Post-Wean Weight
MW	Mature Weight
HF	Heifer Fertility
CF	Cow Fertility
LL	Longevity

Selection Values

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

	Trait	EBV Herd	EBVi Herd	EBV Breed
Prewrite Growth	Birth Wt	-0.28	103	-0.02
	Weaning Wt	2.78	102	2.0
	Birth Mat.	0.08	96	-0.09
	Milk(Wn.Mat.)	-1.9	98	-1.2
Postwean Growth	Post wean Wt	1.2	99	2.0
	Mature Wt	1	102	0
	Heifer Fertility	12	99	11
Fertility	Cow Fertility	2	99	2
	Longevity	15	107	9

Selection Value	Avg. Herd
Calving Ease	103
Calf Growth	102
Milk	98
Maintenance	98
Fertility	101
Cow Value	101

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

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

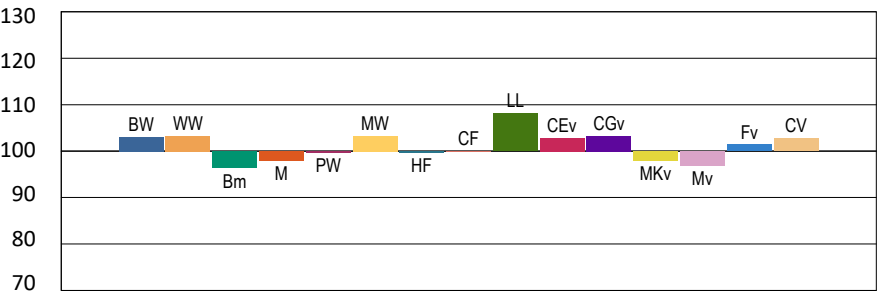
- Calving ease: Smaller calf at birth - easier calving
- Calf growth: Heavier calves at wean due to growth potential of the calf
- Milk: Cows with more milk and better mothering ability
- Maintenance: Animals with low maintenance requirements (lower mature weight).
- Fertility: Cows/daughters that calve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

Genetic Windows

Bulls on Farm

Bulls born in 2023 and earlier

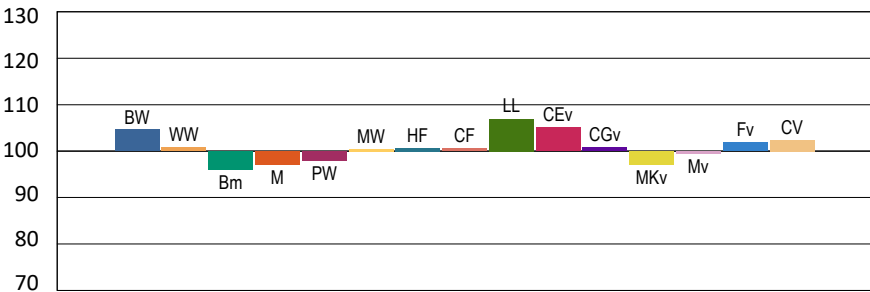
Number: 45



Cow Herd

Cows born in 2024 and earlier

Number: 251



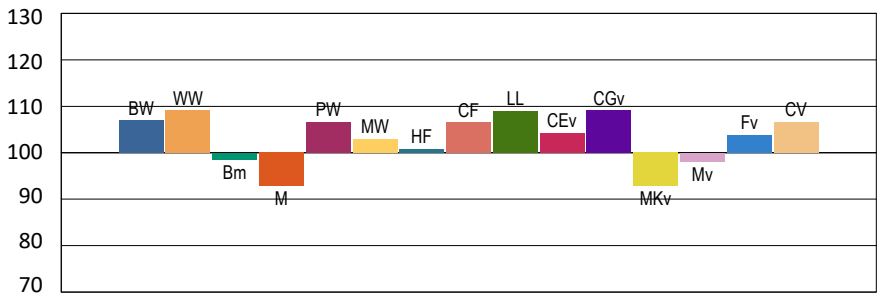
Abbreviations

BW	Birth weight
WW	Weaning weight
Bm	Birth mat
M	Milk
PW	Post-wean weight
MW	Mature weight
HF	Heifer Fertility
CF	Cow Fertility
LL	Longevity

Sires of Young Animals

Sires of animals 3 years and younger

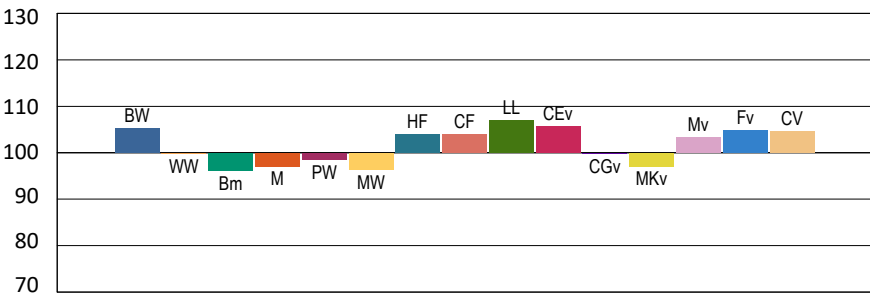
Number: 15



Cows older than 6 years

Cows born in 2020 and earlier

Number: 83

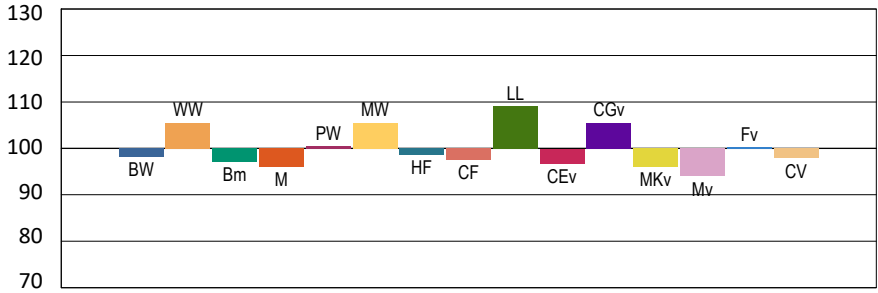


CEv	Calving Ease value
CGv	Calf Growth value
MKv	Milk value
Mv	Maintenance value
Fv	Fertility value
CV	Cow Value

Bull Calves

Bull calves born in 2025

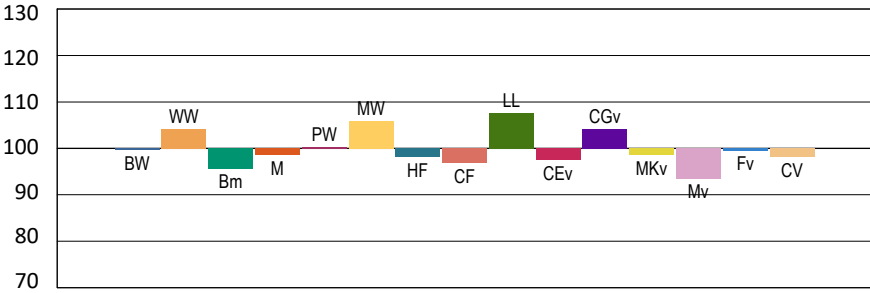
Number: 55



Heifer Calves

Heifers born in 2025

Number: 53

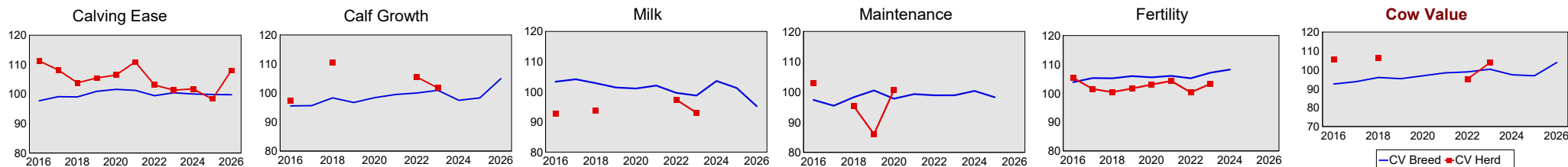


Summary of Genetic Merits of Cows in the Herd

			Selection Values (SV)					Calf Weight		Mother		Growth		Fertility			
Birth Year	Nr of cows	Avg Cow Value Star grading	Calv. Ease	Calf Grwth	Milk	Maint.	Fert.	Cow Value	Birth Weight	Weaning Weight	Birth Mat.	Milk (Wn.Mat.)	Post-wn weight	Mature weight	Heifer Fertility	Cow Fertility	Longevity
Avg Cows in Breed			99	100	100	100	101	100	99	100	101	100	100	100	101	100	99
2010	1	★★★★☆	94	109	107	88	97	103	95	109	96	107	102	110	96	93	110
2011	2	★★★★☆	113	96	90	120	102	102	111	96	91	90	93	81	104	98	98
2013	5	★★★★☆	101	96	101	106	107	102	108	96	101	101	95	93	105	107	112
2014	4	★★★★	105	89	100	115	104	98	105	89	98	100	89	86	103	101	107
2015	5	★★★★★	114	94	104	106	106	111	109	94	107	104	94	95	105	100	112
2016	9	★★★★☆	107	98	100	109	106	108	106	98	94	100	96	90	106	106	105
2017	14	★★★★	103	96	95	103	103	97	104	96	96	95	97	98	104	102	102
2018	18	★★★★☆	101	106	95	102	103	104	100	106	98	95	102	97	101	104	110
2019	13	★★★★☆	103	103	96	101	103	103	104	103	91	96	102	98	102	102	108
2020	26	★★★★☆	106	99	100	101	101	104	106	99	94	100	98	99	101	101	103
2021	39	★★★★☆	109	102	96	101	101	105	107	102	95	96	100	99	99	104	105
2022	42	★★★★☆	102	103	96	96	101	100	102	103	95	96	99	104	99	98	109
2023	48	★★★★☆	105	101	98	98	98	100	105	101	97	98	96	102	97	95	107
2024	52	★★★★☆	104	99	101	95	99	100	104	99	95	101	96	104	99	98	104
2025	53	★★★★	97	104	98	93	99	98	100	104	96	98	100	106	98	97	108
2026	14	★★★★☆	108	103	94	94	100	103	112	103	93	94	102	105	100	98	104
Avg Cows in Herd			105	100	98	102	102	102	105	100	96	98	98	98	101	100	107

Genetic Trends for On-Farm Traits

The graphs show the genetic gain of the herd relative to the breed. Only data of animals with measurements are included.



Herd

Birth Year	Calving Ease				Calf Growth			Milk			Maintenance						Fertility						Cow Value (CV)	
	Birth Weight			Calv. Ease	Weaning Weight		Calf Growth	Milk (Wn.Mat.)		Milk	Postwean Weight		Mature Weight		Maintenance	Heifer Fert.		Cow Fert.		Longevity		Fertility		
	Number	Dir EBV	Mat EBV		Number	EBV		Number	EBV		Number	EBV	Number	EBV		Number	EBV	Number	EBV	Number	EBV			Number
2017	13	-0.51	-0.17	108													7	10.6	5	1.0	14	13.2	101	
2018	19	-0.22	-0.06	104	10	6.7	111	10	-3.09	94	4	4.8	1	5	95	4	20.2	4	1.0	16	15.8	100	106	
2019	16	-0.30	-0.06	106									2	11	86	3	15.2	3	1.4	16	15.4	102		
2020	44	-0.46	0.07	106									3	0	101	19	6.6	16	0.3	46	7.0	103		
2021	44	-0.77	0.09	111												24	8.5	19	-0.9	41	11.7	104		
2022	39	-0.31	0.18	103	14	4.4	106	14	-2.05	97						34	12.9	2	-4.4	2	1.4	100	95	
2023	43	-0.37	0.19	101	20	2.8	102	20	-3.31	93						4	6.4					103	104	
2024	64	-0.28	0.09	102																				
2025	115	-0.01	0.07	98																				
2026	34	-0.80	0.16	108																				

Breed

Birth Year	Calving Ease				Calf Growth			Milk			Maintenance					Fertility						Cow Value (CV)	
	Birth Weight			Calv. Ease	Weaning Weight		Calf Growth	Milk (Wn.Mat.)		Milk	Postwean Weight		Mature Weight		Mainte-nance	Heifer Fert.		Cow Fert.		Longevity			Ferti-lity
	Number	Dir EBV	Mat EBV		Number	EBV		Number	EBV		Number	EBV	Number	EBV		Number	EBV	Number	EBV	Number	EBV		
2017	824	0.00	0.00	99	650	0.0	96	650	0.00	104	313	0.0	141	0	95	260	0.0	173	0.0	2874	0.0	105	94
2018	947	0.00	0.04	99	718	1.2	98	718	-0.38	103	387	0.9	224	-3	98	251	1.6	178	-0.2	2854	1.4	105	96
2019	990	-0.16	0.09	101	994	0.5	97	994	-0.82	101	612	-0.5	239	-4	100	273	0.1	205	-0.4	2785	1.9	106	95
2020	1154	-0.18	0.05	102	1179	1.2	98	1179	-0.92	101	822	1.3	286	-3	98	333	1.6	197	-0.1	3408	1.9	106	97
2021	1386	-0.24	0.16	101	1436	1.7	99	1436	-0.63	102	887	2.4	385	-2	99	422	1.2	259	-0.6	3283	3.7	106	98
2022	1910	-0.05	0.05	99	1534	2.0	100	1534	-1.36	100	858	3.2	275	-2	99	513	5.1	191	-1.0	1698	5.1	105	99
2023	2711	-0.12	-0.01	100	1721	2.4	101	1721	-1.61	99	1190	2.5	120	0	99	341	1.9	6	0.2			107	100
2024	3045	-0.07	0.03	100	1946	0.8	97	1946	-0.17	104	1077	1.2			100	19	2.1					108	97
2025	4011	-0.09	0.01	100	1727	1.2	98	1727	-0.88	101	228	2.4			98								97
2026	1210	-0.05	-0.02	100	4	4.1	105	4	-2.65	95													104

Sires of animals

Index
EBV
Acc

Sire		Selection Values						Calf Weight		Mother		Growth		Fertility			Measured Progeny Number of herds		
ID Name	Sire ID Dam ID	Calving Ease Value	Calf Growth Value	Milk Value	Mainten. Value	Fertility Value	Cow Value	Birth Direct	Wean Direct	Birth Maternal	Wean Maternal	Post wean weight	Mature Weight	Heifer Fertility	Cow Fertility	Longevity	Birth wt	Wean wt	Dgt /Calves
115 WINGFIELD ROCKET (S) V1387115M D5	+JULIEN +RUBY4TH	81	83	129	71	95	82	142	83	53	129	132	131	108	71	89	1		17 37
		77	73	81	53	67	68	-3.49	-5.7	1.78	7.4	20.8	25	-3.8	9.3	0.0	1		8
1636 (P) D5 SWAN 1636 (P) D5	+609 +525	84	100	90	82	112	86	86	100	99	90	94	119	111	125	97	3	2	20 31
		85	83	80	71	75	75	1.13	1.9	-0.04	-4.2	-1.7	15	-9.8	-4.9	6.3	3	2	7
BV 140010 D-BOSCHVALLEYFARMS14-0 010BV	C 080469 C 110108	100	96	96	94	103	93	97	96	107	96	100	104	103	108	97	49	21	9 11
		87	84	73	54	64	72	0.21	0.1	-0.35	-2.6	2.0	3	4.6	-0.3	6.5	2	1	5
C 060222 06-0222C	DO 020129 DO 033075	108	76	94	115	112	91	125	76	85	94	71	87	115	107	103	3	34	50 123
		93	93	93	77	79	84	-2.10	-8.9	0.49	-3.2	-14.8	-11	-18.1	0.0	11.2	1	3	22
C 070361 CONSIDERATA07-0361C	DO 050021 DO 020273	112	93	90	118	100	98	116	93	62	90	84	83	111	71	93		32	20 59
		89	91	90	76	79	82	-1.33	-1.1	1.42	-4.2	-7.2	-14	-9.2	9.1	3.4		1	8
C 080469 CONSIDERATA08-0469C	DO 050029 DO 022064	114	103	89	110	110	112	110	103	103	89	109	93	108	124	100	70	121	121 342
		98	98	97	91	90	90	-0.81	3.2	-0.20	-4.5	7.3	-6	-4.8	-4.5	9.1	20	11	32
C 100021 10-0021C	DO 050029 DO 033066	88	111	113	93	102	108	86	111	118	113	111	104	104	106	92	19	28	30 70
		90	91	90	71	75	81	1.17	6.9	-0.78	2.5	8.5	3	3.1	0.1	2.4	8	7	14
C 100413 CONSIDERATA10-0413C	C 080223 CDO 080426	91	131	95	81	102	114	91	131	103	95	122	119	99	111	105	1		6 17
		79	78	78	56	67	70	0.72	15.9	-0.21	-2.7	15.1	15	13.6	-1.1	13.5	1		5
C 100450 CONSIDERATA10-0450C	C 070065 DO 060132	93	114	98	105	87	97	88	114	120	98	106	97	95	67	91	9	11	26 58
		86	86	86	56	79	77	0.94	8.5	-0.89	-1.9	5.5	-3	21.0	10.2	1.8	5	3	16
C 110151 11-0151C	C 080370 C 090253	117	76	92	118	109	94	121	76	101	92	81	83	113	105	97	18	95	51 131
		91	96	93	71	84	85	-1.74	-9.0	-0.14	-3.7	-9.0	-14	-13.9	0.4	6.5	6	5	15
C 110154 11-0154C	C 080469 C 090227	90	118	89	120	99	102	92	118	96	89	111	80	98	107	97	12	11	46 114
		94	93	93	82	87	85	0.65	9.9	0.07	-4.5	8.8	-16	14.7	-0.2	6.4	5	6	20

Sires of animals

Index
EBV
Acc

Sire		Selection Values						Calf Weight		Mother		Growth		Fertility			Measured Progeny Number of herds			
ID Name	Sire ID Dam ID	Calving Ease Value	Calf Growth Value	Milk Value	Mainten. Value	Fertility Value	Cow Value	Birth Direct	Wean Direct	Birth Maternal	Wean Maternal	Post wean weight	Mature Weight	Heifer Fertility	Cow Fertility	Longevity	Birth wt	Wean wt	Dgt /Calves	
C 110172 DEMON	C 080469 C 090259	123	87	92	114	103	104	115	87	112	92	87	88	101	113	100	127	62	25	32
		94	92	82	61	71	79	-1.24	-3.7	-0.57	-3.6	-5.7	-10	8.3	-1.7	9.4	3	3	4	
C 110243 11-0243C	C 070361 DO 060236	108	102	89	118	107	106	111	102	72	89	99	84	110	101	102	32	35	55	130
		94	93	93	83	88	86	-0.93	2.9	1.03	-4.5	1.6	-13	-7.3	1.4	10.7	11	6	19	
C 110500 11-0500C-EMBRIO CALVE	C 080469 DO 060185	120	95	100	95	101	109	121	95	113	100	100	103	99	103	104	94	71	76	204
		94	95	94	87	79	85	-1.79	-0.4	-0.62	-1.2	1.8	2	12.2	0.9	12.2	4	4	15	
C 110505 11-0505C-EMBRIO CALVE	C 080469 DO 060185	109	81	116	125	105	107	123	81	78	116	85	71	105	106	103	118	38	114	293
		98	96	97	90	96	90	-1.91	-6.5	0.78	3.5	-6.6	-24	2.2	0.3	11.8	10	8	16	
C 120001 12-0001C	DO 050021 DO 060185	109	87	108	108	104	104	109	87	86	108	87	94	108	93	100	109	75	30	61
		94	93	88	67	75	82	-0.79	-4.0	0.45	1.3	-5.5	-5	-4.7	3.6	8.9	2	3	8	
C 120338 12-0338C	C 080469 C 100267	104	95	96	117	112	105	104	95	91	96	98	83	110	120	105	48	9	2	3
		87	81	71	59	70	72	-0.37	-0.5	0.26	-2.4	0.6	-14	-7.7	-3.5	13.0	2	2	2	
C 130014 13-0014C	C 100413 C 090140	91	120	91	90	109	108	93	120	97	91	109	108	106	122	100	10	5	37	94
		91	88	91	71	85	82	0.59	10.8	0.04	-3.9	7.4	7	-1.2	-4.1	9.0	4	3	13	
C 130664 CONSIDERATA13-0664C	C 100021 DO 022095	80	111	112	93	104	103	80	111	115	112	116	104	95	120	115	9	10	6	9
		72	76	70	51	58	65	1.67	6.9	-0.70	2.5	11.6	3	20.1	-3.5	21.6	2	3	4	
C 130670 C 13-0670C	C 110034 C 110040	98	98	109	91	103	103	96	98	106	109	103	107	105	108	95	3	61	10	23
		78	91	79	53	79	76	0.30	1.2	-0.32	1.6	4.0	5	1.8	-0.3	5.1	1	2	7	
C 150050 D-C15-0050	C 130014 C 100267	92	114	98	102	110	110	94	114	92	98	106	99	108	121	102		18	11	14
		74	83	76	52	66	70	0.47	8.1	0.23	-1.9	5.4	-1	-4.4	-3.8	10.6		2	3	
C 150503 D-C15-0503	C 110243 C 070337	106	108	86	115	105	106	109	108	76	86	103	88	106	109	96	1		5	6
		70	63	69	54	58	60	-0.73	5.4	0.85	-5.4	4.0	-10	-0.7	-0.5	6.0	1		1	
CSA 150031 15-0031CSA	C 110154 C 090032	103	109	88	113	112	111	103	109	91	88	102	90	110	115	109	13		10	18
		82	71	76	63	64	68	-0.27	5.9	0.27	-4.7	3.1	-9	-7.5	-2.3	16.7	1		2	

Sires of animals

Index
EBV
Acc

Sire		Selection Values						Calf Weight		Mother		Growth		Fertility			Measured Progeny Number of herds			
ID Name	Sire ID Dam ID	Calving Ease Value	Calf Growth Value	Milk Value	Mainten. Value	Fertility Value	Cow Value	Birth Direct	Wean Direct	Birth Maternal	Wean Maternal	Post wean weight	Mature Weight	Heifer Fertility	Cow Fertility	Longevity	Birth wt	Wean wt	Dgt /Calves	
CSA 150036 15-0036CSA	4041384969 DO 022247	101	125	93	78	94	109	99	125	104	93	117	124	96	109	81	17	12	1	1
		78	74	62	47	62	65	0.09	13.4	-0.26	-3.4	12.2	19	18.3	-0.6	-6.5	1	1	1	
CSA 150066 SYDNEY	4041384969 DO 060044	120	96	94	120	91	103	118	96	97	94	88	80	84	104	104	94	43	28	43
		94	90	83	71	75	80	-1.47	0.2	0.04	-3.1	-5.1	-17	40.5	0.6	12.6	5	5	11	
CSA 160056 16-0056CSA	C 110505 C 070001	119	104	112	115	94	122	117	104	93	112	109	85	89	106	104	69	36	49	84
		95	92	91	84	81	84	-1.47	3.8	0.19	2.5	7.2	-12	31.5	0.0	12.4	6	7	12	
CSA 160075 CANBERRA	C 130670 C 100033	102	90	119	84	101	103	100	90	100	119	96	114	105	98	95	63	19	21	22
		90	82	76	59	59	72	-0.06	-2.5	-0.10	4.6	-0.6	11	2.1	2.3	5.0	6	4	3	
CSA 170062 17-0062CSA	C 090032	116	96	103	87	112	115	117	96	82	103	110	111	110	102	122	128	51	43	68
		95	93	88	78	78	83	-1.46	0.2	0.64	-0.4	7.6	9	-7.0	1.2	27.2	6	5	9	
CSA 180063 QUEENSLAND	C 100267	109	115	81	98	100	104	125	115	87	81	110	102	101	97	103	45	14	6	9
		88	81	71	56	67	72	-2.07	8.6	0.41	-7.0	8.1	2	9.9	2.6	11.7	3	3	1	
CSA 180147 PERTH	C 100267	97	105	96	111	113	108	95	105	105	96	100	91	110	120	112	6		3	3
		73	63	64	51	60	60	0.36	4.1	-0.30	-2.6	2.2	-7	-7.3	-3.4	19.3	1		1	
CSA 180194 18-0194CSA	CSA 160056 CTM 150023	115	127	101	103	102	134	120	127	89	101	132	99	94	121	108	114	107	29	38
		94	95	84	67	72	81	-1.66	14.1	0.35	-1.0	21.0	-1	22.1	-3.8	15.7	15	7	5	
CSA 180199 18-0199CSA	CSA 160056 CTM 150023	114	118	92	116	113	129	112	118	90	92	118	86	108	121	115	21	14	6	7
		83	79	69	58	71	71	-0.99	10.0	0.29	-3.8	12.4	-12	-5.0	-3.7	21.8	3	2	5	
CSA 190062 19-0062CSA	CTM 150023	88	119	105	104	110	117	94	119	81	105	116	97	110	120	98	96	17	8	8
		91	79	68	51	60	70	0.51	10.5	0.65	0.4	11.4	-2	-8.5	-3.6	7.3	5	2	3	
CSA 210048 21-0048CSA	CSA 180194 CSA 190051	121	148	74	74	107	138	116	148	100	74	145	132	100	128	106	24	22	1	1
		82	83	60	48	53	67	-1.30	23.6	-0.10	-9.0	28.5	25	11.2	-5.6	13.9	1	1	1	
CSA 210190 HAMILTON	CSA 160056 CSA 180084	106	107	90	105	103	105	127	107	87	90	112	98	100	110	105	26	1		
		81	69	60	53	52	62	-2.22	5.2	0.45	-4.2	9.2	-2	11.4	-0.8	13.6	2	1		

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Sire		Selection Values						Calf Weight		Mother		Growth		Fertility			Measured Progeny Number of herds			
ID Name	Sire ID Dam ID	Calving Ease Value	Calf Growth Value	Milk Value	Mainten. Value	Fertility Value	Cow Value	Birth Direct	Wean Direct	Birth Maternal	Wean Maternal	Post wean weight	Mature Weight	Heifer Fertility	Cow Fertility	Longevity	Birth wt	Wean wt	Dgt /Calves	
CTM 130203 THUNDER	C 110227	112	108	56	91	118	97	120	108	77	56	121	110	117	131	103	75	67	50	86
	C 110507	93	93	89	80	74	82	-1.65	5.6	0.81	-14.5	14.6	8	-20.6	-6.5	11.8	3	3	7	
CTM 170038 17-0038CTM	OW 140522	107	81	90	131	109	93	105	81	98	90	80	64	114	99	101	2	1		
	OW 150012	68	65	57	47	52	57	-0.43	-6.6	0.01	-4.2	-9.6	-30	-15.2	2.0	9.5	2	1		
DO 022009 02-2009DO	C 990102	114	110	80	98	94	100	122	110	97	80	107	102	100	72	99		4	18	49
		76	81	85	64	70	72	-1.86	6.3	0.02	-7.3	6.0	1	10.1	8.9	8.4		2	5	
DO 050029 05-0029DO	DO 022009	108	127	65	91	108	109	104	127	108	65	118	110	108	116	98	33	72	88	263
	DO 022074	96	96	96	86	87	88	-0.31	14.2	-0.40	-11.7	12.7	7	-5.0	-2.5	7.8	6	5	25	
DO 060056 06-0056DO	DO 022239	93	123	105	77	102	114	93	123	99	105	117	124	102	98	107		3	2	4
	DO 022247	64	62	63	38	53	55	0.53	12.4	-0.03	0.3	11.8	19	7.9	2.3	14.6		1	2	
GRB 140026 14-0026GRB	ZON 080001	95	86	89	117	109	85	94	86	103	89	85	84	113	99	103	71	71	54	150
	GRB 120010	93	94	92	81	76	84	0.49	-4.3	-0.22	-4.6	-6.9	-13	-13.2	1.9	11.2	1	2	8	
GRB 150120 15-0120GRB	GRB 110056	92	88	119	110	103	98	89	88	116	119	86	91	106	94	101		5	6	17
		54	70	71	26	43	55	0.90	-3.6	-0.73	4.4	-6.3	-8	0.3	3.4	10.2		1	3	
GRB 170073 17-0073GRB	C 080297	102	105	89	95	97	94	96	105	117	89	94	104	97	97	99	64	39	7	11
	GRB 130111	84	88	73	38	44	69	0.28	4.1	-0.76	-4.6	-1.8	3	16.6	2.4	8.5	2	2	2	
H 130010 HURWITZ 13-0010H	C 100413	98	122	90	84	95	103	98	122	97	90	114	116	90	100	109	47	11	5	10
	C 110525	86	70	60	48	60	64	0.16	11.8	0.02	-4.2	10.4	13	30.2	1.6	16.2	1	2	3	
H 180011 18-0011H	H 130010	117	97	81	98	103	97	121	97	99	81	87	102	97	105	118	11	4		
	H 140005	72	66	44	30	42	54	-1.75	0.5	-0.05	-6.9	-5.5	1	16.3	0.5	23.8	3	2		
H 220018 H 220018	VOVA180019	65	118	99	83	103	87	70	118	104	99	109	116	100	92	117	26			
	VOVA170053	77	54	43	18	41	49	2.44	10.0	-0.23	-1.5	7.3	13	10.2	3.7	23.6	1			
HOT 150135 RY 15-0135HOT	C 110151	103	84	85	116	106	84	129	84	86	85	87	86	106	103	106	1	6	4	14
	DO 060236	73	73	73	62	60	65	-2.41	-5.4	0.46	-5.8	-5.7	-12	-0.7	1.0	14.0	1	2	2	

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Sire		Selection Values						Calf Weight		Mother		Growth		Fertility			Measured Progeny Number of herds			
ID Name	Sire ID Dam ID	Calving Ease Value	Calf Growth Value	Milk Value	Mainten. Value	Fertility Value	Cow Value	Birth Direct	Wean Direct	Birth Maternal	Wean Maternal	Post wean weight	Mature Weight	Heifer Fertility	Cow Fertility	Longevity	Birth wt	Wean wt	Dgt /Calves	
HOT 150208 RY 15-0208HOT	C 110154 DO 060185	117	94	97	124	94	104	114	94	91	97	84	74	89	100	107	91	48	9	18
		92	89	78	67	70	78	-1.21	-0.6	0.27	-2.1	-7.2	-21	31.3	1.6	15.2	8	3	4	
HOT 160241 16-0241HOT	C 060222 DO 022064	107	86	74	96	109	81	124	86	81	74	90	104	109	114	101	5	10	4	12
		77	77	71	53	62	67	-2.04	-4.6	0.67	-9.1	-3.9	3	-6.9	-2.0	9.9	4	4	5	
HOT 190643 RY 19-0643HOT	HOT 150208 DO 060236	109	102	88	104	101	100	123	102	80	88	99	98	97	108	107	2			
		65	60	57	46	52	54	-1.93	2.6	0.72	-4.8	1.3	-2	17.1	-0.3	15.2	1			
HS 190107 19-0107HS	C 110505 OW 170229	113	83	120	124	108	116	112	83	87	120	84	72	109	102	105	25	15		
		82	77	63	52	61	67	-1.03	-5.5	0.41	4.8	-7.2	-23	-6.1	1.1	13.3	3	2		
OW 140522 MODEL 14-0522OW	C 070355 C 100202	97	72	80	144	106	71	99	72	87	80	69	44	121	79	84	46	5	15	30
		88	76	79	63	76	73	0.07	-10.9	0.42	-7.2	-16.3	-46	-27.8	7.1	-3.8	5	2	7	
OW 140572 MODEL 14-0572OW	C 110243 C 100048	112	110	114	102	101	126	119	110	71	114	106	98	102	111	91	54	8	28	75
		92	87	88	76	81	81	-1.56	6.7	1.04	2.8	5.2	-2	7.5	-1.1	1.3	4	2	8	
OW 180535 18-0535OW	ZEL 130505 C 130203	99	105	105	89	109	110	100	105	91	105	103	109	109	108	109	6	3	2	3
		73	63	61	50	54	58	-0.02	4.0	0.28	0.3	3.8	7	-5.3	-0.5	16.6	3	1	2	
PE 130015 PATHEM 13-0015PE	C 110007 C 100061	101	118	81	91	97	99	102	118	88	81	113	109	93	107	104	20	25	16	26
		79	84	75	35	61	69	-0.18	10.2	0.40	-6.9	9.8	7	24.5	-0.1	12.8	2	2	2	
+SHK931636 SWAN 1636 (P) SHK931636M D5	+SHK87609 +SHK86525	101	121	91	88	99	109	101	121	97	91	116	112	100	104	92				
		25	21	20	17	27	21	-0.06	11.6	0.03	-4.0	11.2	9	10.5	0.6	2.3				
TOP 150102 15-0102TOP	C 130014 C 090107	85	123	107	76	115	118	89	123	91	107	117	125	112	132	103	10	2	10	21
		79	71	76	55	64	66	0.91	12.4	0.27	0.9	12.1	20	-11.7	-6.6	11.2	2	1	6	
TOP 180133 18-0133TOP	DO 050021 C 090107	116	85	86	106	115	100	121	85	97	86	82	97	118	119	97	23	14	4	6
		82	79	70	58	63	69	-1.75	-4.9	0.03	-5.5	-8.5	-3	-23.0	-3.3	6.9	2	2	3	
TOP 190155 SHOTGUN	TOP 170235 TOP 160115	115	98	67	108	119	100	112	98	151	67	106	96	119	105	124	15		10	10
		82	71	69	59	61	66	-1.01	1.0	-2.10	-11.2	5.4	-3	-24.3	0.3	28.8	1		1	

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Sire		Selection Values						Calf Weight		Mother		Growth		Fertility			Measured Progeny Number of herds			
ID Name	Sire ID Dam ID	Calving Ease Value	Calf Growth Value	Milk Value	Mainten. Value	Fertility Value	Cow Value	Birth Direct	Wean Direct	Birth Maternal	Wean Maternal	Post wean weight	Mature Weight	Heifer Fertility	Cow Fertility	Longevity	Birth wt	Wean wt	Dgt /Calves	
VOVA150162 15-0162	VOVA130006	84	118	88	87	109	99	83	118	116	88	109	112	110	107	105	3			
		42	60	55	14	40	45	1.41	9.9	-0.73	-4.7	7.4	10	-8.1	-0.2	13.6	1			
VOVA180019 OUTBACK	VYF 150029	87	108	97	76	91	85	90	108	94	97	98	125	91	81	108	127	43	4	4
		89	88	63	30	66	72	0.81	5.6	0.15	-2.3	0.6	20	28.7	6.6	15.6	5	3	2	
VOVA180030 18-0030	DO 050021 C 110501	94	107	101	98	105	104	98	107	82	101	111	101	106	102	103	14	26	4	4
		76	83	68	51	64	69	0.16	5.2	0.63	-1.0	8.2	0	0.0	1.3	11.6	3	1	4	
VOVA190040 19-0040	C 100267	83	101	104	111	101	92	85	101	100	104	97	90	97	99	115	3	7		
		67	73	61	42	56	61	1.24	2.2	-0.08	-0.2	0.4	-8	16.4	1.9	21.3	1	1		
VOVA220120 22-0120	CSA 180199 VOVA190025	96	108	98	116	108	109	96	108	97	98	106	85	103	108	119	3			
		60	50	46	36	48	47	0.31	5.8	0.04	-1.9	5.7	-13	6.2	-0.5	25.2	2			
ZON 110001 ZONOP 11-0001ZON	ZON 080001 C 070132	109	51	91	139	90	57	125	51	88	91	52	51	96	75	92	8	52	27	64
		80	91	85	40	53	72	-2.07	-20.3	0.38	-4.0	-26.3	-40	19.4	8.2	2.8	1	1	5	
ZON 140011 ZONOP 14-0011ZON	C 110157 ZON 100006	118	80	99	105	107	99	116	80	89	99	85	97	113	93	98	83	9	30	55
		93	81	83	57	65	74	-1.32	-7.2	0.36	-1.6	-7.1	-3	-13.9	3.5	7.2	7	3	7	
GLENLANDS QUARTERMASTER (ET)	+RSD2134 +U9C4231	115	151	63	75	97	123	114	151	83	63	151	131	97	101	97	2	3	17	32
		86	84	81	69	66	75	-1.20	25.0	0.59	-12.3	31.8	25	15.9	1.4	6.6	1	1	8	
KAPALEE FANCY BOY (D) D5	+1765 +319	118	105	76	127	98	104	117	105	88	76	99	72	95	115	96	12 33			
		71	78	82	54	66	68	-1.46	4.2	0.39	-8.3	1.4	-23	19.9	-2.2	5.7	3			
VALLEY 10-0073FCK		93	60	132	118	101	84	90	60	116	132	62	79	108	85	97	39 13 39			
		66	88	81	27	44	65	0.84	-16.1	-0.74	8.3	-20.6	-17	-3.4	5.7	6.9	1 4			
GLENLANDS 1086 (P) D5	+G534	90	122	127	59	104	124	94	122	85	127	118	150	106	111	92	1		8	21
		75	73	77	59	67	67	0.51	12.1	0.50	6.9	12.8	40	-0.2	-1.2	2.5	1		4	

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Sire		Selection Values						Calf Weight		Mother		Growth		Fertility			Measured Progeny Number of herds			
ID Name	Sire ID Dam ID	Calving Ease Value	Calf Growth Value	Milk Value	Mainten. Value	Fertility Value	Cow Value	Birth Direct	Wean Direct	Birth Maternal	Wean Maternal	Post wean weight	Mature Weight	Heifer Fertility	Cow Fertility	Longevity	Birth wt	Wean wt	Dgt /Calves	
GLENLANDS PEDERSON (ET)(AI)	+U9C034340M	81	121	94	92	104	100	84	121	98	94	112	106	104	110	98	1	3	22	43
	+U9C055112F	87	82	82	69	72	75	1.31	11.3	-0.02	-3.1	9.2	5	3.4	-0.9	7.2				
		88	82					88	82	85	82	56	69	84	54	78	1	1	7	
GLENLANDS LIMITED EDITION (P) D5	+GLENLANDS H4510	86	123	92	87	84	90	87	123	102	92	115	112	86	83	89			3	3
		80	74	63	53	62	66	1.06	12.3	-0.16	-3.5	11.1	9	37.1	6.0	0.0				
		81	74					81	74	75	63	55	53	73	34	80			2	
GLENLANDS D QUE SERA (ET) (AI)	+RSD07721	91	120	87	94	103	102	88	120	114	87	104	105	99	120	100	1	1	10	17
		80	77	74	66	65	69	0.94	11.0	-0.65	-5.2	4.2	3	13.1	-3.5	9.1				
		81	77					81	77	78	74	59	66	77	35	82	1	1	6	
GLENLANDS TRADITION (D) D5	+GLENLANDS K7385	81	96	112	108	88	82	83	96	101	112	89	93	85	77	114	20	32	24	34
		87	89	79	39	65	74	1.37	0.0	-0.11	2.2	-4.6	-6	39.2	7.8	20.6				
		88	89					88	89	81	79	82	39	73	33	89	3	2	9	
HAMADRA DUDLEY (S) D5	+ARAKETAFE R4414	74	122	104	114	109	109	79	122	147	104	116	87	104	123	109	6	11	11	24
		73	80	74	50	62	68	1.74	11.8	-1.97	0.0	11.5	-11	3.2	-4.2	16.4				
		74	80					74	80	67	74	71	50	60	44	83	3	2	6	
GLENLANDS D WINCHESTER (P) (AI) D5	+PACIFIC +LEOTARD	77	96	110	80	98	81	83	96	88	110	92	120	100	77	112	8	9	12	15
		80	75	61	36	50	62	1.36	0.1	0.39	1.8	-2.9	16	10.1	7.6	19.0				
		82	75					82	75	73	61	70	36	62	16	72	2	2	2	

Breeding Values and Accuracies: Bulls

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Groen: >120 High
White: 80-120 Average
Orange: <80 Low

Inbreeding in red is high

Value <80

Value >120

Breeding values with an accuracy < 5% are not printed

Animal			Selection Value					Birth		Growth					Fertility		
ID	Animal nr	Sire ID	Calving	Calf	Milk	Mainten.	Fertility	Birth	Birth	Mature	Wean	Wean	Cow-Calf	Post	Heifer	Cow	Long-
Name	% Inbr.	Dam ID	Ease	Growth	Value	Value	Value										
CSA 160075	6	C 130670	102	90	119	84	101	100	100	114	90	119	105	96	105	98	95
4041740400		C 100033	90	82	76	59	59	-0.06	-0.10	11	-2.5	4.6	11	-0.6	2.1	2.3	5.0
CANBERRA								92	83	59	82	76	72	55	62	36	78
H 170016	16	H 130010	98	120	95	89	103	97	99	110	120	95	109	115	99	106	110
4042381956		C 130019	62	44	40	31	40	0.22	-0.06	8	10.8	-2.8	20	10.5	12.1	0.1	17.6
17-0016H								64	53	31	44	40	38	30	42	25	52
CSA 180063		C 100267	109	115	81	98	100	125	87	102	115	81	94	110	101	97	103
4042261117			88	81	71	56	67	-2.07	0.41	2	8.6	-7.0	-10	8.1	9.9	2.6	11.7
QUEENSLAND								90	80	56	81	71	69	58	81	43	76
CSA 180147		C 100267	97	105	96	111	113	95	105	91	105	96	104	100	110	120	112
4042262024			73	63	64	51	60	0.36	-0.30	-7	4.1	-2.6	9	2.2	-7.3	-3.4	19.3
PERTH								74	70	51	63	64	59	49	70	40	69
SJS 180007	1	C 150503	104	99	109	115	103	107	81	85	99	109	115	103	101	107	108
4042328692		C 150510	56	50	59	45	44	-0.56	0.67	-12	1.4	1.6	31	3.7	9.3	-0.1	15.5
18-0007SJS								56	58	45	50	59	51	32	44	26	63
VOVA180019		VYF 150029	87	108	97	76	91	90	94	125	108	97	95	98	91	81	108
4042188260			89	88	63	30	66	0.81	0.15	20	5.6	-2.3	-7	0.6	28.7	6.6	15.6
OUTBACK								95	66	30	88	63	60	76	81	39	79
HOT 190594	2	ZON 140011	104	92	107	101	106	100	107	100	92	107	100	97	106	107	103
4042483752		HOT 130092	60	53	56	41	43	-0.06	-0.37	-1	-1.5	0.8	2	0.5	-1.0	0.0	11.9
RY 19-0594HOT								60	58	41	53	56	50	41	46	26	58
HOT 190668	5	HOT 160241	117	101	80	89	104	117	83	110	101	80	77	102	105	107	99
4042436347		HOT 170355	52	47	44	34	42	-1.41	0.60	8	2.3	-7.3	-41	3.3	2.3	-0.2	7.9
RY 19-0668HOT								52	51	34	47	44	42	40	45	28	52
CSA 210190	2	CSA 160056	106	107	90	105	103	127	87	98	107	90	98	112	100	110	105
4042863425		CSA 180084	81	69	60	53	52	-2.22	0.45	-2	5.2	-4.2	-1	9.2	11.4	-0.8	13.6
HAMILTON								85	65	53	69	60	61	52	57	38	61
H 210010	3	CSA 150066	116	101	91	110	96	113	97	93	101	91	95	94	91	104	109
4042832586		H 180027	63	51	47	39	42	-1.07	0.04	-6	2.6	-3.9	-6	-1.6	28.3	0.8	16.2
HURWITZ 21-0010H								65	54	39	51	47	46	34	49	26	52
H 210069	7	GRB 170073	100	91	104	113	94	98	104	88	91	104	101	86	94	91	100
4043040387		GRB 140035	61	56	51	23	30	0.14	-0.23	-10	-1.9	0.1	5	-6.2	21.7	4.0	9.4
21-0069H								64	49	23	56	51	43	50	24	14	52
HOT 210771		HOT 150207	96	85	116	106	101	97	92	95	85	116	105	84	100	86	117
4042765984			72	62	50	38	45	0.20	0.24	-5	-4.6	3.6	11	-7.1	10.6	5.2	23.1
WARATAH								76	55	38	62	50	50	53	49	26	59

Breeding Values and Accuracies: Bulls

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Animal			Selection Value					Birth		Growth					Fertility		
ID	Animal nr	Sire ID	Calving	Calf	Milk	Mainten.	Fertility	Birth direct	Birth mat	Mature weight	Wean direct	Wean mat	Cow-Calf Ratio (Wean)	Post wean weight	Heifer Fertility	Cow Fertility	Longevity
Name	% Inbr.	Dam ID	Ease Value	Growth Value	Value	Value	Value										
VOVA210242	2	VOVA180030	96	108	95	112	104	94	106	90	108	95	107	108	103	103	105
4042803009		VOVA190014	45	49	44	33	37	0.46	-0.31	-8	5.7	-2.7	16	6.5	5.3	0.8	13.5
21-0242								46	42	33	49	44	42	44	36	24	50
VOVA210341	13	VOVA190040	98	89	107	113	106	97	101	88	89	107	102	89	103	104	113
4042964801		CSA 140022	51	65	51	34	45	0.25	-0.11	-10	-2.9	0.8	5	-4.4	4.6	0.5	20.3
21-0341								52	49	34	65	51	50	53	47	30	57
H 220008	7	CSA 180147	103	105	95	107	116	99	109	96	105	95	101	104	108	129	118
96258066		C 080419	61	49	51	37	46	0.03	-0.46	-4	4.2	-2.8	5	4.1	-4.7	-5.9	23.7
CORBIN								63	54	37	49	51	46	36	51	32	54
H 220018	1	VOVA180019	65	118	99	83	103	70	104	116	118	99	109	109	100	92	117
96085030		VOVA170053	77	54	43	18	41	2.44	-0.23	13	10.0	-1.5	20	7.3	10.2	3.7	23.6
H 220018								82	59	18	54	43	38	44	48	20	55
H 220090	1	VOVA180019	99	112	91	80	95	100	89	121	112	91	94	106	95	91	102
95635892		HOT 170355	66	52	41	26	43	-0.05	0.35	17	7.2	-3.9	-8	5.4	20.1	4.1	10.7
H 220090								68	58	26	52	41	40	43	51	26	51
CSA 230127	11	CSA 210048	114	122	90	86	106	111	96	114	122	90	106	119	102	121	105
96238118		CSA 190125	64	64	47	40	40	-0.91	0.06	11	11.9	-4.1	13	13.1	7.0	-3.7	13.1
COGNAC								67	50	40	64	47	50	45	47	27	45
H 230015	7	CSA 180063	111	113	87	93	106	108	99	106	113	87	97	109	105	105	109
95962437		VOVA180190	58	51	43	31	41	-0.67	-0.04	5	7.8	-5.0	-3	7.2	1.1	0.5	16.6
DUKE								60	48	31	51	43	42	36	47	25	50
H 230018	3	CSA 150066	112	99	99	113	103	109	98	89	99	99	103	93	99	111	108
97473144		H 200015	54	51	48	40	44	-0.76	0.01	-10	1.6	-1.6	8	-1.9	12.3	-1.3	16.0
WARRIOR								55	51	40	51	48	46	36	52	28	52
H 230022	5	CSA 180063	116	102	86	108	106	113	90	95	102	86	90	97	108	99	102
95721452		OW 170279	56	50	46	36	46	-1.13	0.31	-4	2.9	-5.3	-16	0.0	-4.4	1.9	10.5
DALLAS								57	54	36	50	46	44	38	53	32	52
H 230027	1	CSA 150066	98	105	95	109	100	97	100	93	105	95	103	98	97	104	108
6020750201		VOVA170053	55	55	51	37	43	0.23	-0.08	-6	4.3	-2.8	7	0.7	16.1	0.7	15.9
VICTOR								56	51	37	55	51	48	40	50	25	54
H 230028	7	CSA 180063	119	104	85	109	106	118	91	94	104	85	91	101	105	103	108
98337496		H 150017	53	48	43	35	43	-1.48	0.26	-5	3.7	-5.7	-14	2.5	1.2	1.0	15.4
PATRIOT								54	50	35	48	43	42	36	50	28	50
H 230035	3	CSA 150066	120	94	93	114	102	117	94	87	94	93	93	90	97	109	110
96816764		H 200019	58	51	48	41	45	-1.43	0.15	-11	-0.5	-3.2	-11	-4.0	16.0	-0.5	17.4
23 035								59	53	41	51	48	47	37	53	30	51

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Animal			Selection Value					Birth		Growth					Fertility		
ID	Animal nr	Sire ID	Calving	Calf	Milk	Mainten.	Fertility	Birth	Birth	Mature	Wean	Wean	Cow-Calf	Post	Heifer	Cow	Long-
Name	% Inbr.	Dam ID	Ease	Growth	Value	Value	Value										
H 230042		VOVA180019	93	101	98	91	96	94	98	107	101	98	97	96	95	96	106
95973608		H 160011	65	50	39	23	43	0.51	-0.01	6	2.6	-1.8	-3	-0.4	21.3	2.8	14.1
OSCAR								67	57	23	50	39	37	43	50	27	51
H 230048		VOVA180019	105	104	89	92	103	103	98	107	104	89	90	100	101	99	109
95973590		H 130001	66	54	46	30	45	-0.29	0.00	5	3.7	-4.7	-17	2.2	8.6	1.8	16.5
DRAKE								68	57	30	54	46	43	46	52	30	52
H 230051	1	VOVA180019	98	107	93	88	98	99	90	111	107	93	95	101	99	89	104
95973657		WBT 140014	66	53	43	27	42	0.06	0.30	9	4.9	-3.5	-8	2.6	13.3	4.4	12.6
H 230051								68	59	27	53	43	41	44	49	25	53
H 230052		VOVA180019	105	102	95	84	93	105	92	115	102	95	91	94	91	89	107
96062948		H 180008	65	49	38	22	39	-0.41	0.24	12	2.8	-2.8	-15	-1.4	28.1	4.6	15.3
H 230052								67	56	22	49	38	36	40	46	22	50
H 230058		VOVA180019	112	95	101	87	97	109	95	111	95	101	93	91	97	87	110
96060504		H 150023	66	53	45	29	44	-0.78	0.11	9	-0.3	-0.8	-11	-3.3	16.6	5.0	17.7
ACE								68	59	29	53	45	42	45	52	27	52
H 230075		VOVA180019	96	102	99	98	99	97	91	101	102	99	101	97	98	93	108
96258041		HOT 180491	64	53	41	25	39	0.21	0.27	1	3.1	-1.7	4	0.3	14.8	3.5	15.5
INKUNZI								66	56	25	53	41	40	42	46	23	49
H 230080		VOVA180019	88	107	106	83	100	89	98	116	107	106	106	103	95	100	116
96810478		BV 180009	56	63	45	26	38	0.87	-0.03	12	5.0	0.6	14	3.9	19.8	1.6	22.8
MOWGLI								57	52	26	63	45	45	41	44	20	50
H 230083	2	CSA 160075	94	104	109	89	104	94	101	108	104	109	110	104	101	103	112
96061932		H 180020	64	61	47	34	39	0.46	-0.11	7	3.8	1.5	21	4.2	8.7	1.0	18.7
AUSTIN								66	54	34	61	47	47	32	42	25	50
H 230090		VOVA180019	94	102	108	83	100	94	100	115	102	108	104	97	100	91	108
99161853		WBT 160123	59	53	45	25	41	0.50	-0.09	12	3.0	1.2	10	0.1	11.0	4.0	16.1
H 230090								60	56	25	53	45	41	44	48	23	52
H 230093		VOVA180019	94	102	108	83	100	94	100	115	102	108	104	97	100	91	108
99161887		WBT 160123	59	53	45	25	41	0.50	-0.09	12	3.0	1.2	10	0.1	11.0	4.0	16.1
H 230093								60	56	25	53	45	41	44	48	23	52
H 230100		VOVA180019	94	102	108	83	100	94	100	115	102	108	104	97	100	91	108
99161861		WBT 160123	59	53	45	25	41	0.50	-0.09	12	3.0	1.2	10	0.1	11.0	4.0	16.1
H 230100								60	56	25	53	45	41	44	48	23	52
H 230104		VOVA180019	94	102	108	83	100	94	100	115	102	108	104	97	100	91	108
99161895		WBT 160123	59	53	45	25	41	0.50	-0.09	12	3.0	1.2	10	0.1	11.0	4.0	16.1
H 230104								60	56	25	53	45	41	44	48	23	52

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Animal			Selection Value						Birth		Growth					Fertility		
ID Animal nr Name	% Inbr.	Sire ID Dam ID	Calving Ease Value	Calf Growth Value	Milk Value	Mainten. Value	Fertility Value	Cow Value	Birth direct	Birth mat	Mature weight	Wean direct	Wean mat	Cow-Calf Ratio (Wean)	Post wean weight	Heifer Fertility	Cow Fertility	Long- evity
H 230110 97193510 H 230110		CSA 180063 H 180019	107 64	122 50	89 42	87 31	102 42	114 46	107 -0.60 67	88 0.41 54	112 9 31	122 11.7 50	89 -4.4 42	105 12 41	115 10.9 34	99 12.3 50	103 0.8 27	109 16.6 48
H 230115 96815840 23 115	3	CSA 150066 H 150025	112 58	106 63	101 53	98 43	97 47	111 53	108 -0.65 58	104 -0.26 56	101 1 43	106 4.6 63	101 -0.8 53	107 15 53	102 3.0 39	92 26.3 54	100 1.8 31	113 19.7 56
H 230117 96815857 AXEL	1	CSA 180063 H 150015	120 56	103 50	95 47	102 36	103 44	114 46	118 -1.52 57	100 -0.07 54	100 -1 36	103 3.1 50	95 -2.8 47	98 -2 44	101 2.7 37	103 5.3 52	96 2.6 29	108 16.1 51
H 230120 97197321 HANNIBAL	4	CSA 150066 HOT 160243	115 59	98 66	96 54	111 44	105 48	110 54	113 -1.09 60	90 0.31 57	91 -8 44	98 1.1 66	96 -2.5 54	98 -2 55	96 -0.3 42	101 10.0 56	113 -1.7 32	110 17.0 57
H 230129 96816269 23 129	3	H 180011 WBT 160123	111 51	101 59	99 40	91 25	107 33	110 44	107 -0.62 53	103 -0.21 45	108 6 25	101 2.3 59	99 -1.6 40	97 -4 41	95 -0.7 29	103 5.9 32	104 0.6 20	118 24.4 47
H 230133 6020185440 H 230133		VOVA180019 GRB 140035	85 55	97 56	110 48	102 20	91 39	86 46	88 0.96 55	95 0.12 54	99 -1 20	97 0.4 56	110 1.7 48	107 16 41	91 -3.1 50	91 27.8 43	83 6.1 21	105 13.0 52
H 230137 97192090 H 230137	3	CSA 180063 HOT 160246	112 57	112 52	85 50	106 42	107 47	114 48	112 -1.01 58	85 0.51 54	97 -3 42	112 7.6 52	85 -5.7 50	98 -1 48	107 6.1 41	106 -0.8 54	102 1.3 33	110 17.0 54
H 230142 6020185457 H 230142	2	VOVA180019 CSA 180081	95 57	108 51	100 40	85 25	94 41	96 44	95 0.38 57	97 0.03 55	114 11 25	108 5.4 51	100 -1.1 40	102 7 39	99 1.6 42	92 26.8 50	95 3.0 22	106 13.7 51
H 230144 96816236 23 144	7	CSA 150066 HOT 130096	117 60	86 57	101 56	113 48	98 48	101 52	120 -1.69 60	97 0.02 58	88 -10 48	86 -4.2 57	101 -0.9 56	92 -12 54	82 -8.9 44	94 21.7 55	101 1.4 32	108 16.0 57
H 240007 6020239379 H 240007		1636 (P) D5 C 080419	91 58	105 56	93 56	89 45	113 49	99 51	90 0.79 58	108 -0.40 57	109 7 45	105 4.1 56	93 -3.4 56	94 -9 52	102 3.4 42	109 -6.0 55	132 -6.7 33	102 11.1 58
H 240011 99951733 H 240011	2	CSA 150066 CSA 140022	108 67	92 59	103 58	117 44	101 50	103 54	105 -0.40 69	102 -0.18 59	83 -14 44	92 -1.7 59	103 -0.3 58	103 8 54	89 -4.6 46	97 17.1 58	107 -0.2 33	107 15.2 60
H 240015 97274609 H 240015		CSA 180063 GRB 140035	106 52	100 54	102 50	114 31	96 40	104 46	106 -0.48 53	92 0.25 50	87 -11 31	100 1.9 54	102 -0.7 50	107 16 45	98 0.7 44	96 18.4 43	91 4.1 24	102 11.0 52

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Animal			Selection Value					Birth		Growth					Fertility			
ID	Animal nr	Sire ID	Calving	Calf	Milk	Mainten.	Fertility	Cow	Birth	Birth	Mature	Wean	Wean	Cow-Calf	Post	Heifer	Cow	Long-
Name	% Inbr.	Dam ID	Ease	Growth	Value	Value	Value	Value	direct	mat	weight	direct	mat	Ratio	wean	Fertility	Fertility	evity
H 240022		VOVA180019	85	97	110	102	91	86	88	95	99	97	110	107	91	91	83	105
6020185465		GRB 140035	55	56	48	20	39	46	0.96	0.12	-1	0.4	1.7	16	-3.1	27.8	6.1	13.0
H 240022									55	54	20	56	48	41	50	43	21	52
H 240055		VOVA180019	85	97	110	102	91	86	88	95	99	97	110	107	91	91	83	105
98280738		GRB 140035	55	56	48	20	39	46	0.96	0.12	-1	0.4	1.7	16	-3.1	27.8	6.1	13.0
H 240055									55	54	20	56	48	41	50	43	21	52
H 240059		VOVA180019	93	109	96	86	103	98	92	106	113	109	96	100	105	99	110	108
97853592		C 080419	67	58	50	31	47	51	0.65	-0.31	10	6.0	-2.4	2	4.6	13.3	-0.9	15.7
H 240059									69	60	31	58	50	46	47	55	30	56
H 240065	8	CSA 150066	113	103	98	107	97	109	109	103	95	103	98	103	98	95	103	104
97853600		H 200038	63	51	47	39	44	48	-0.77	-0.19	-4	3.4	-1.8	9	0.5	21.3	0.9	12.2
H 240065									66	53	39	51	47	46	36	53	28	51
H 240067	13	VOVA180019	90	99	104	90	95	89	92	95	108	99	104	100	92	94	87	111
97853576		VOVA180153	56	53	42	22	41	45	0.68	0.10	6	1.3	0.1	3	-2.6	22.6	5.0	18.2
H 240067									57	54	22	53	42	39	46	48	23	51
H 240087	2	VOVA180019	105	104	87	93	98	95	103	99	106	104	87	88	93	97	93	110
97855233		CSA 180065	66	53	45	28	43	48	-0.24	-0.04	5	3.8	-5.2	-19	-2.1	17.3	3.6	17.1
H 240087									68	58	28	53	45	42	44	53	25	52
H 240092		VOVA180019	91	104	100	88	98	92	91	101	110	104	100	100	99	97	92	109
97855258		H 200029	65	52	42	27	42	47	0.73	-0.14	8	3.7	-1.2	3	1.6	17.0	3.8	16.6
H 240092									67	55	27	52	42	40	46	50	26	50
H 240093		VOVA180019	94	109	93	89	97	93	95	93	110	109	93	97	101	95	93	109
97855209		H 200006	65	50	40	26	39	45	0.35	0.18	8	5.8	-3.3	-3	2.5	19.8	3.6	16.5
H 240093									67	56	26	50	40	39	40	46	22	49
H 240094		VOVA180019	115	93	82	97	99	91	110	102	103	93	82	75	87	97	97	109
97855217		H 170007	66	52	43	23	40	46	-0.86	-0.18	2	-1.1	-6.5	-45	-5.8	16.2	2.6	16.5
H 240094									68	56	23	52	43	39	43	47	23	50
H 240095	1	VOVA180019	106	102	91	90	96	95	106	91	109	102	91	89	93	95	85	110
98220262		H 190015	65	50	38	22	41	45	-0.50	0.28	7	2.8	-4.0	-17	-2.0	19.6	5.5	17.2
H 240095									67	55	22	50	38	37	40	49	25	50
H 240103	3	CSA 160075	108	92	105	101	106	105	105	98	100	92	105	97	93	107	103	104
6020304546		H 150017	54	49	46	36	40	44	-0.47	0.00	0	-1.8	0.2	-3	-1.9	-2.7	0.9	12.1
H 240103									55	51	36	49	46	44	35	43	26	50
H 240104		VOVA180019	89	105	96	87	94	87	91	97	112	105	96	96	102	94	88	107
98219918		BV 170037	66	55	44	26	42	48	0.73	0.02	9	4.3	-2.5	-5	3.0	23.2	4.9	14.9
H 240104									68	56	26	55	44	42	46	48	27	51

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Name	% Inbr.	Dam ID	Ease Value	Growth Value	Value	Value	Value										
H 240114		VOVA180019	110	96	98	91	96	107	97	107	96	98	91	88	94	94	109
99749111		H 210056	66	52	42	28	42	-0.61	0.02	5	0.1	-1.9	-14	-4.8	22.7	3.2	16.9
H 240114								68	56	28	52	42	41	44	51	26	50
H 240116	1	CSA 160075	107	92	109	106	104	106	93	95	92	109	103	94	105	101	101
98257645		HOT 180491	64	51	46	35	37	-0.54	0.20	-4	-1.9	1.5	9	-1.3	1.5	1.3	10.2
H 240116								66	54	35	51	46	44	34	38	24	49
H 240126	1	CSA 160075	76	101	123	94	96	80	97	103	101	123	123	102	99	91	94
99897944		GRB 170215	62	51	49	32	35	1.62	0.01	2	2.2	5.7	45	3.4	13.4	3.9	4.1
H 240126								65	51	32	51	49	44	40	35	20	51
H 240130	8	CSA 160075	105	86	105	118	104	104	95	82	86	105	98	88	110	91	96
6020470180		CSA 180044	58	48	47	37	42	-0.31	0.11	-15	-4.6	0.2	-1	-5.1	-8.8	4.0	5.5
H 240130								59	54	37	48	47	44	35	45	30	50
H 240152	2	CSA 160075	93	105	115	84	100	92	102	113	105	115	114	106	102	95	99
98220346		H 200042	63	47	44	34	39	0.62	-0.18	11	4.2	3.3	30	5.4	6.4	3.0	8.2
H 240152								66	52	34	47	44	42	32	43	26	48
H 240159	4	CSA 160075	91	102	110	103	105	93	93	98	102	110	112	100	105	103	105
98257702		HOT 190615	65	50	46	38	41	0.52	0.19	-2	2.7	1.7	26	2.0	1.0	0.9	12.9
H 240159								67	55	38	50	46	45	38	43	29	50
H 240163	1	CSA 160075	97	100	104	86	104	97	98	112	100	104	99	101	105	107	99
99897928		H 210074	63	48	46	37	40	0.23	0.01	9	1.8	-0.2	0	2.3	1.9	-0.1	8.2
H 240163								65	53	37	48	46	44	34	44	27	49
H 240167		CSA 140022	96	88	110	111	99	96	101	90	88	110	103	85	97	94	112
6020470198			58	59	56	33	49	0.35	-0.13	-9	-3.6	1.9	8	-6.7	16.4	3.4	19.3
H 240167								59	55	33	59	56	49	52	52	34	61
H 250005		CSA 140022	96	88	110	111	99	96	101	90	88	110	103	85	97	94	112
99427320			58	59	56	33	49	0.35	-0.13	-9	-3.6	1.9	8	-6.7	16.4	3.4	19.3
H 250005								59	55	33	59	56	49	52	52	34	61
H 250007		VOVA170053	94	135	80	82	104	95	93	119	135	80	104	131	104	102	105
99480873			52	53	50	36	40	0.36	0.19	15	17.5	-7.4	11	20.3	3.8	1.1	12.9
H 250007								53	49	36	53	50	46	39	47	20	54
H 250013	1	CSA 160075	90	93	110	100	102	89	107	100	93	110	103	95	105	96	101
6020240245		GRB 170141	63	50	49	31	35	0.87	-0.37	-1	-1.3	1.7	9	-1.2	2.2	2.8	10.1
H 250013								65	53	31	50	49	43	37	35	21	49
H 250015	1	CSA 150066	111	102	91	121	97	105	113	79	102	91	102	96	92	105	106
99427387		VOVA190014	61	52	51	42	41	-0.45	-0.59	-17	2.9	-3.8	6	-0.5	25.6	0.5	14.0
H 250015								64	51	42	52	51	48	38	47	25	52

Breeding Values and Accuracies: Bulls

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Animal			Selection Value					Birth		Growth					Fertility		
ID	Animal nr	Sire ID	Calving	Calf	Milk	Mainten.	Fertility	Birth direct	Birth mat	Mature weight	Wean direct	Wean mat	Cow-Calf Ratio (Wean)	Post wean weight	Heifer Fertility	Cow Fertility	Longevity
Animal Name	% Inbr.	Dam ID	Ease Value	Growth Value	Value	Value	Value										
H 250021 99431694 H 250021	2	CSA 160075 HOT 130096	115 65	79 54	112 53	92 44	103 43	121 -1.76 67	95 0.09 57	105 4 44	79 -7.7 54	112 2.3 53	90 -17 50	81 -9.3 42	104 2.5 45	98 2.2 29	104 12.2 54
H 250027 99427437 H 250027		VOVA180019 H 160008	102 65	105 53	101 44	85 24	102 41	100 -0.01 67	101 -0.12 56	114 11 24	105 4.2 53	101 -0.9 44	100 3 40	99 1.5 44	101 9.9 49	99 1.9 23	109 16.8 50
H 250030 99892382 H 250030	2	CSA 160075 H 210026	105 63	96 48	108 45	95 35	98 38	103 -0.30 66	98 -0.03 52	103 2 35	96 0.2 48	108 1.1 45	103 9 43	96 -0.6 32	97 16.1 43	100 1.8 23	102 10.7 48
H 250036 99427452 H 250036	2	H 220018 CTM 220021	91 58	101 36	89 30	105 20	108 28	92 0.64 62	99 -0.06 40	98 -2 20	101 2.2 36	89 -4.6 30	90 -16 29	98 0.5 28	109 -5.4 31	100 1.8 16	110 17.4 36
H 250037 99509242 H 250037	1	H 220018 H 220014	95 57	110 37	92 34	87 22	108 33	96 0.30 61	95 0.12 41	112 9 22	110 6.5 37	92 -3.7 34	97 -3 31	106 5.4 30	106 -0.3 39	107 -0.1 21	113 20.1 40
H 250038 99509259 H 250038	4	H 220018 H 220004	96 56	108 36	93 32	87 21	110 32	96 0.29 60	98 -0.03 40	111 9 21	108 5.4 36	93 -3.4 32	96 -6 30	102 3.2 29	108 -4.8 38	109 -0.6 20	111 18.4 39
H 250039 99509267 H 250039	2	H 220018 CSA 220047	62 60	122 37	104 32	92 20	104 30	69 2.52 64	96 0.08 42	106 5 20	122 11.8 37	104 -0.1 32	122 44 30	115 11.0 30	101 8.4 34	101 1.5 17	112 19.3 38
H 250041 99509275 H 250041	1	H 220018 H 220013	111 56	102 35	88 31	93 20	104 30	109 -0.75 60	95 0.11 40	106 5 20	102 2.8 35	88 -4.7 31	88 -20 29	97 0.1 28	102 7.0 34	101 1.4 19	111 18.6 37
H 250042 99521031 H 250042	19	VOVA220120 VOVA230032	94 55	108 36	102 33	114 26	106 33	95 0.40 59	97 0.02 40	87 -11 26	108 5.6 36	102 -0.8 33	115 31 32	106 5.7 30	101 9.6 33	105 0.5 25	120 25.5 41
H 250052 99509341 H 250052	7	CSA 210190 H 220095	110 60	107 42	84 38	107 32	104 35	125 -2.05 64	93 0.20 45	96 -3 32	107 4.9 42	84 -6.1 38	91 -14 37	105 5.0 32	102 7.7 42	106 0.2 23	107 15.1 40
H 250054 99509366 H 250054	1	CSA 210190 H 220085	101 61	116 43	96 36	88 28	101 35	102 -0.21 65	89 0.36 46	111 8 28	116 9.1 43	96 -2.5 36	106 15 36	114 9.9 34	99 13.9 42	103 0.8 22	109 16.5 40
H 250055 99509374 H 250055	2	CSA 210190 H 220089	118 60	100 43	90 37	103 29	101 35	118 -1.52 64	91 0.28 45	99 -1 29	100 2.1 43	90 -4.2 37	91 -15 36	99 1.6 34	100 11.0 42	102 1.0 23	106 13.7 40

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Animal			Selection Value						Birth		Growth					Fertility		
ID	Animal nr	Sire ID	Calving	Calf	Milk	Mainten.	Fertility	Cow	Birth	Birth	Mature	Wean	Wean	Cow-Calf	Post	Heifer	Cow	Long-
Name	% Inbr.	Dam ID	Ease Value	Growth Value	Value	Value	Value	Value	direct	mat	weight	direct	mat	Ratio (Wean)	wean weight	Fertility	Fertility	evity
H 250061	14	H 220018	76	114	97	87	103	92	81	96	112	114	97	105	106	101	93	115
99509887		H 220122	59	39	32	19	33	37	1.57	0.07	10	8.4	-2.3	12	5.3	8.6	3.5	21.6
H 250061									63	42	19	39	32	30	32	40	18	40
H 250062	1	H 220018	69	124	97	92	105	96	75	96	106	124	97	117	116	103	97	114
99509416		H 230004	58	38	33	23	33	37	2.06	0.08	5	12.7	-2.2	34	11.5	4.5	2.5	20.9
H 250062									62	42	23	38	33	31	30	40	20	39
H 250063	2	H 220018	78	116	100	94	102	98	81	102	104	116	100	114	109	99	101	114
99509424		H 220109	60	38	33	22	32	37	1.56	-0.15	3	9.4	-1.2	29	7.3	12.5	1.6	20.4
H 250063									64	43	22	38	33	31	29	39	18	39
H 250065	14	H 220018	84	111	95	87	103	93	87	95	112	111	95	101	103	101	93	115
99509440		H 220126	59	39	32	19	33	37	1.09	0.10	10	7.0	-2.8	4	3.5	8.9	3.5	21.6
H 250065									63	42	19	39	32	30	32	40	18	40
H 250067	14	H 220018	72	114	99	87	101	88	77	98	112	114	99	108	106	99	95	112
99509457		H 220071	58	37	29	15	31	35	1.91	-0.02	9	8.2	-1.4	17	5.6	12.6	3.1	18.8
H 250067									62	41	15	37	29	27	31	39	17	38
H 250070	1	H 220018	85	115	95	94	102	98	87	100	105	115	95	107	108	100	94	114
99509481		H 220117	60	37	32	20	32	37	1.09	-0.08	3	8.7	-2.7	17	6.8	10.7	3.1	20.6
H 250070									64	42	20	37	32	30	29	39	18	39
H 250073	1	H 220018	98	111	89	86	103	99	98	94	113	111	89	94	106	101	99	112
99509515		H 220107	59	36	31	21	31	36	0.11	0.16	10	7.0	-4.6	-8	5.6	8.9	2.0	19.0
H 250073									63	41	21	36	31	29	28	39	17	37
H 250075	15	H 220018	78	117	98	81	102	95	81	98	119	117	98	106	110	100	99	113
99509531		H 220087	60	38	31	17	32	37	1.54	-0.02	15	9.8	-2.0	15	7.6	11.3	1.9	19.6
H 250075									64	42	17	38	31	29	32	39	17	39
H 250078	13	H 220018	62	119	106	84	98	87	68	98	115	119	106	117	111	98	88	110
99509556		H 220075	60	37	29	15	31	36	2.59	-0.01	12	10.6	0.5	35	8.3	15.7	4.8	17.1
H 250078									64	42	15	37	29	27	30	39	16	39
H 250081		VOVA180019	117	91	93	95	100	98	115	88	103	91	93	83	89	102	87	107
99625329		CSA 200030	65	51	41	27	41	46	-1.28	0.39	2	-2.2	-3.5	-30	-4.4	7.7	5.0	14.8
H 250081									68	55	27	51	41	40	43	49	25	49
H 250088		VOVA180019	104	103	94	85	94	94	103	93	114	103	94	92	96	90	93	112
99625360		H 190024	65	49	37	21	41	44	-0.29	0.18	11	3.4	-3.1	-13	-0.1	29.9	3.5	19.1
H 250088									67	55	21	49	37	36	40	49	26	48
H 250090	14	H 220018	84	109	96	85	98	89	86	99	114	109	96	99	103	96	90	113
99625386		H 220041	58	39	31	16	31	36	1.13	-0.04	11	5.9	-2.4	0	3.6	17.8	4.4	20.2
H 250090									62	41	16	39	31	29	32	38	17	39

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Animal			Selection Value					Birth		Growth					Fertility			
ID	Animal nr	Sire ID	Calving	Calf	Milk	Mainten.	Fertility	Cow	Birth	Birth	Mature	Wean	Wean	Cow-Calf	Post	Heifer	Cow	Long-
Name	% Inbr.	Dam ID	Ease	Growth	Value	Value	Value	Value	direct	mat	weight	direct	mat	Ratio (Wean)	wean weight	Fertility	Fertility	evity
H 250091		VOVA180019	88	106	106	87	97	95	88	103	111	106	106	107	101	97	87	110
99625394		H 150023	66	53	45	29	44	48	0.95	-0.21	9	4.6	0.5	15	2.6	16.6	5.0	17.7
H 250091									68	59	29	53	45	42	45	52	27	52
H 250092		VOVA180019	110	98	89	91	103	98	106	104	108	98	89	85	93	100	107	109
99625402		H 170003	66	54	44	25	44	48	-0.53	-0.23	6	1.1	-4.5	-26	-2.0	12.0	-0.1	16.2
H 250092									68	58	25	54	44	41	44	52	28	52
H 250093	3	CSA 150066	112	80	97	124	97	91	123	92	74	80	97	88	77	97	97	101
99625410		HS 190167	66	55	52	45	48	51	-1.90	0.22	-21	-6.9	-2.2	-21	-11.8	15.9	2.5	10.2
H 250093									68	57	45	55	52	51	42	54	36	55
H 250097		VOVA180019	79	122	99	78	98	96	83	93	124	122	99	109	112	94	96	111
99625436		H 180019	66	53	39	21	41	46	1.37	0.18	19	11.7	-1.6	20	9.0	21.7	2.9	18.6
H 250097									68	57	21	53	39	38	42	50	24	50
H 250101		VOVA180019	100	101	90	93	101	93	98	102	106	101	90	89	94	99	101	110
99625477		H 210031	63	49	38	22	40	44	0.12	-0.18	4	2.6	-4.3	-18	-1.3	13.3	1.5	17.8
H 250101									66	53	22	49	38	36	41	49	24	47
H 250104		VOVA180019	101	110	92	86	100	101	100	98	113	110	92	97	104	98	101	108
99625485		H 210089	64	52	41	25	42	46	-0.02	-0.01	11	6.4	-3.6	-4	4.4	14.8	1.4	15.9
H 250104									66	55	25	52	41	39	43	52	25	49
H 250106		VOVA180019	115	92	94	91	96	95	112	91	107	92	94	84	87	95	96	106
99625493		H 160011	65	50	39	23	43	45	-1.05	0.29	6	-1.8	-2.9	-28	-5.7	21.3	2.8	14.1
H 250106									67	57	23	50	39	37	43	50	27	51
H 250112	2	CSA 150066	115	100	93	113	93	102	112	93	89	100	93	97	93	91	95	105
6020348147		H 180006	66	51	47	39	42	48	-1.00	0.18	-9	1.8	-3.4	-4	-2.2	28.7	2.9	12.9
H 250112									68	56	39	51	47	46	35	48	26	52
H 250114		VOVA180019	90	110	97	86	103	98	90	106	113	110	97	101	106	99	110	108
99835142		C 080419	68	58	50	31	47	51	0.84	-0.34	10	6.5	-2.3	5	5.3	13.3	-0.9	15.7
H 250114									70	60	31	58	50	46	47	55	30	56
H 250124		VOVA180019	88	105	101	88	98	92	89	102	110	105	101	101	100	97	92	109
99835217		H 200029	65	52	42	27	42	47	0.89	-0.17	8	4.1	-1.1	5	2.1	17.0	3.8	16.6
H 250124									67	55	27	52	42	40	46	50	26	50
H 250128		VOVA180019	88	114	100	77	94	94	90	95	125	114	100	103	105	91	88	113
99835225		H 190019	65	51	41	25	39	45	0.79	0.12	20	8.1	-1.1	9	4.8	28.6	4.7	20.0
H 250128									67	56	25	51	41	39	40	46	21	50
H 250133		VOVA180019	99	104	96	84	93	92	100	94	115	104	96	94	97	91	89	107
99837353		H 180008	65	49	38	22	39	44	0.00	0.16	12	3.9	-2.5	-8	0.0	28.1	4.6	15.3
H 250133									67	56	22	49	38	36	40	46	22	50

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Animal			Selection Value						Birth		Growth					Fertility		
ID	Animal nr	Sire ID	Calving	Calf	Milk	Mainten.	Fertility	Cow	Birth	Birth	Mature	Wean	Wean	Cow-Calf	Post	Heifer	Cow	Long-
Name	% Inbr.	Dam ID	Ease Value	Growth Value	Value	Value	Value	Value	direct	mat	weight	direct	mat	Ratio (Wean)	wean weight	Fertility	Fertility	evity
H 250134	25	VOVA180019	105	96	97	84	94	91	104	95	116	96	97	88	89	93	87	110
99835266		H 220034	64	53	40	21	41	46	-0.32	0.12	12	0.2	-2.1	-20	-4.4	25.2	5.1	17.1
H 250134									66	55	21	53	40	38	46	52	22	50
H 250136		H 130010	108	108	89	93	100	103	106	97	106	108	89	94	101	97	103	108
99951667		C 100250	55	48	44	31	42	44	-0.52	0.05	4	5.4	-4.5	-8	2.3	16.2	1.0	15.9
H 250136									56	53	31	48	44	41	30	44	26	56
H 250139	2	VOVA180019	90	111	89	92	98	91	90	104	106	111	89	97	99	97	93	110
99869182		CSA 180065	66	53	45	28	43	48	0.80	-0.24	5	6.7	-4.4	-3	1.4	17.3	3.6	17.1
H 250139									68	58	28	53	45	42	44	53	25	52
H 250140		H 130010	108	108	89	93	100	103	106	97	106	108	89	94	101	97	103	108
99951691		C 100250	55	48	44	31	42	44	-0.52	0.05	4	5.4	-4.5	-8	2.3	16.2	1.0	15.9
H 250140									56	53	31	48	44	41	30	44	26	56
H 250143	1	CSA 150066	98	105	95	109	100	100	97	100	93	105	95	103	98	97	104	108
99951683		VOVA170053	55	55	51	37	43	48	0.23	-0.08	-6	4.3	-2.8	7	0.7	16.1	0.7	15.9
H 250143									56	51	37	55	51	48	40	50	25	54
H 250147	3	CSA 210190	120	102	92	110	102	113	118	96	92	102	92	97	102	98	111	107
99869216		H 210024	61	44	39	33	36	42	-1.49	0.08	-7	2.9	-3.5	-2	3.0	14.5	-1.2	14.6
H 250147									65	47	33	44	39	39	32	42	24	42
H 250149	6	CSA 210190	116	108	93	100	107	117	120	91	100	108	93	101	110	104	111	109
99869232		C 130019	62	43	40	33	36	42	-1.66	0.28	0	5.6	-3.3	4	7.6	2.8	-1.1	16.3
H 250149									65	50	33	43	40	39	34	40	25	44
H 250151	13	VOVA180019	72	106	108	90	95	85	76	101	108	106	108	111	100	94	87	111
99869240		VOVA180153	65	53	42	22	41	46	1.93	-0.14	6	4.8	1.0	22	1.7	22.6	5.0	18.2
H 250151									67	55	22	53	42	39	46	48	23	51
H 250153		VOVA180019	93	96	94	114	99	89	95	93	88	96	94	95	91	103	83	102
99869265		CSA 180044	67	51	42	26	44	47	0.39	0.19	-10	0.2	-3.0	-7	-3.6	4.6	6.2	10.8
H 250153									69	57	26	51	42	40	43	52	29	51
H 250155		VOVA180019	92	100	97	86	96	86	92	103	113	100	97	92	94	97	87	103
99871873		BV 170034	65	53	42	20	39	46	0.67	-0.19	10	1.8	-2.0	-12	-1.3	16.6	5.0	11.2
H 250155									67	56	20	53	42	38	44	44	22	50
H 250157		VOVA180019	93	104	105	87	99	97	92	106	111	104	105	104	99	98	89	111
99871899		H 150015	65	53	44	28	43	47	0.66	-0.34	9	3.7	0.2	10	1.5	14.7	4.6	18.0
H 250157									67	58	28	53	44	42	44	52	26	52
H 250158	2	CSA 210190	121	97	97	100	98	108	116	97	100	97	97	94	97	97	98	105
99889453		VOVA210082	58	41	35	28	31	38	-1.38	0.04	0	0.4	-2.0	-9	0.4	17.5	2.3	13.6
H 250158									62	43	28	41	35	35	33	33	21	40

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ID	Animal nr	Sire ID	Calving	Calf	Milk	Mainten.	Fertility	Birth	Birth	Mature	Wean	Wean	Cow-Calf	Post	Heifer	Cow	Long-
Name	% Inbr.	Dam ID	Ease	Growth	Value	Value	Value	direct	mat	weight	direct	mat	Ratio	wean	Fertility	Fertility	evity
			Value	Value									(Wean)	weight			
H 250159		VOVA180019	110	103	89	90	94	110	84	109	103	89	88	97	95	84	106
99871907		H 200027	65	52	42	29	44	-0.88	0.57	7	3.2	-4.5	-19	0.2	21.2	5.7	14.4
H 250159								67	55	29	52	42	41	45	52	29	51
H 250160	5	CSA 210190	105	93	93	112	100	129	92	90	93	93	90	94	95	107	108
99941213		H 220046	60	45	42	35	37	-2.40	0.23	-8	-1.4	-3.3	-17	-1.5	20.1	-0.1	15.6
H 250160								64	46	35	45	42	41	35	43	25	43
H 250161		H 130010	108	108	89	93	100	106	97	106	108	89	94	101	97	103	108
6020270051		C 100250	55	48	44	31	42	-0.52	0.05	4	5.4	-4.5	-8	2.3	16.2	1.0	15.9
H 250161								56	53	31	48	44	41	30	44	26	56
H 260006	8	CSA 210190	99	94	102	97	105	130	78	101	94	102	96	109	106	103	101
99941254		CSA 190008	62	46	45	35	39	-2.50	0.78	1	-0.6	-0.8	-5	7.4	-0.9	0.8	9.7
H 260006								65	49	35	46	45	42	36	44	26	46
H 260010	1	CSA 180063	117	104	90	113	103	118	86	89	104	90	98	102	103	101	105
6020022130		HOT 180491	63	51	44	34	40	-1.50	0.45	-9	3.8	-4.2	-1	3.2	5.4	1.5	13.5
H 260010								65	53	34	51	44	43	35	46	26	48
H 260011	25	VOVA180019	107	104	93	76	91	106	93	126	104	93	88	95	89	84	111
6020022148		H 220061	63	53	38	20	39	-0.53	0.21	21	3.8	-3.4	-21	-1.1	32.3	5.8	18.4
H 260011								65	54	20	53	38	37	42	49	20	48
H 260018	6	CSA 210190	115	108	99	101	108	111	100	100	108	99	107	110	105	114	108
6020200165		H 160008	62	45	43	32	36	-0.92	-0.09	0	5.7	-1.4	16	7.8	1.2	-1.8	15.8
H 260018								65	48	32	45	43	40	33	40	24	43
H 260024	2	CSA 180063	115	110	88	107	96	112	92	96	110	88	100	105	96	96	103
6020380942		H 210018	63	48	42	34	40	-1.03	0.22	-4	6.6	-4.8	2	4.7	19.3	2.7	11.7
H 260024								66	52	34	48	42	41	34	47	26	47
H 260025	8	CSA 180063	115	109	86	106	107	111	100	97	109	86	96	106	104	112	108
6020428618		H 210066	62	46	42	32	41	-0.89	-0.09	-3	5.9	-5.4	-5	5.3	3.7	-1.4	15.8
H 260025								65	50	32	46	42	40	34	50	27	47
H 260026	25	CSA 180063	118	113	87	95	100	118	90	104	113	87	98	108	100	95	106
6020428626		H 210063	63	48	43	32	41	-1.49	0.31	3	7.8	-5.1	-2	6.7	10.9	3.0	14.4
H 260026								66	52	32	48	43	41	33	50	26	48
H 260029	7	CSA 160075	118	85	105	102	98	114	96	99	85	105	91	87	101	92	98
6020428634		H 170006	65	49	46	36	39	-1.16	0.06	-1	-4.8	0.2	-14	-5.8	9.8	3.7	7.6
H 260029								67	56	36	49	46	44	34	42	26	50
H 260031		H 220018	68	104	112	107	97	73	102	94	104	112	119	100	96	89	109
6020428659		GRB 140035	58	44	42	16	29	2.23	-0.16	-5	3.9	2.4	39	1.8	18.5	4.7	16.9
H 260031								62	43	16	44	42	34	39	29	15	44

Breeding Values and Accuracies: Bulls

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Groen: >120 High
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Animal			Selection Value						Birth		Growth					Fertility		
ID Animal nr Name	% Inbr.	Sire ID Dam ID	Calving Ease Value	Calf Growth Value	Milk Value	Mainten. Value	Fertility Value	Cow Value	Birth direct	Birth mat	Mature weight	Wean direct	Wean mat	Cow-Calf Ratio (Wean)	Post wean weight	Heifer Fertility	Cow Fertility	Long- evity
H 260032 6020430432 H 260032	1	CSA 180063 H 200031	122 62	112 47	86 41	94 32	100 42	114 44	117 -1.41 65	102 -0.16 51	106 4 32	112 7.3 47	86 -5.5 41	95 -7 40	108 6.5 34	98 14.2 50	102 1.1 28	103 11.2 48
H 260033 6020428667 H 260033	6	CSA 210190 HOT 190615	115 62	106 44	94 40	112 35	106 38	116 43	114 -1.20 65	83 0.58 48	90 -8 35	106 4.8 44	94 -3.2 40	104 9 40	105 4.7 36	103 5.6 41	109 -0.7 28	110 17.2 44
H 260034 6020428675 H 260034	3	CSA 210190 H 200042	104 60	115 42	101 37	93 31	101 36	114 40	103 -0.26 64	96 0.06 45	105 4 31	115 8.6 42	101 -0.9 37	113 27 37	115 11.0 32	100 11.1 41	101 1.4 26	104 12.5 42
H 260037 6020428691 H 260037	2	CSA 160075 H 210017	114 62	94 49	105 47	100 37	99 40	106 46	110 -0.85 64	100 -0.09 53	100 0 37	94 -0.9 49	105 0.1 47	99 0 44	95 -1.2 35	100 12.0 44	100 1.8 26	101 10.0 49
H 260041 6020428725 H 260041	3	CSA 180063 WBT 140014	116 65	111 50	85 45	102 36	102 43	112 47	114 -1.20 67	88 0.39 56	100 -1 36	111 6.9 50	85 -5.7 45	95 -6 44	108 7.0 37	104 3.9 49	97 2.4 28	102 10.7 52
H 260042 6020428733 H 260042	8	CSA 160075 H 200047	113 62	94 48	105 44	90 34	99 39	104 45	110 -0.87 65	95 0.10 52	108 6 34	94 -0.7 48	105 0.1 44	96 -5 42	94 -1.5 32	102 6.8 42	93 3.5 26	97 6.3 48
H 260044 6020538911 H 260044		VOVA180019 H 210049	99 55	106 50	101 41	80 26	100 42	101 44	101 -0.10 56	88 0.40 53	120 16 26	106 4.5 50	101 -0.8 41	99 0 39	99 1.5 43	99 12.2 51	94 3.1 26	108 15.4 50
H 260047 6020538945 H 260047		VOVA180019 H 180020	91 58	108 53	99 41	88 23	98 41	95 45	93 0.60 59	96 0.06 55	111 8 23	108 5.6 53	99 -1.7 41	102 6 39	100 2.1 41	95 21.0 49	93 3.4 24	112 19.1 50
TOP 260151 6020197726 TOP 260151	10	CSA 180194 TOP 230160	118 64	110 55	88 51	104 42	107 45	118 50	122 -1.80 66	107 -0.37 55	98 -2 42	110 6.4 55	88 -4.8 51	98 -1 49	113 9.5 49	102 6.4 54	112 -1.3 31	114 20.9 50

Breeding Values and Accuracies: Cows

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Animal			Selection Value					Birth		Growth					Fertility		
ID	Animal nr	Sire ID	Calving	Calf	Milk	Mainten.	Fertility	Birth	Birth	Mature	Wean	Wean	Cow-Calf	Post	Heifer	Cow	Long-
Name	% Inbr.	Dam ID	Ease Value	Growth Value	Value	Value	Value	direct	mat	weight	direct	mat	Ratio (Wean)	wean weight	Fertility	Fertility	evity
C 100041		DO 060056	94	109	107	88	97	95	96	110	109	107	111	102	96	93	110
94969243		DO 033047	73	63	66	26	51	0.40	0.05	8	5.9	0.8	23	3.0	19.4	3.6	17.0
10-0041C								72	77	26	63	66	52	26	56	26	70
C 110163	13	C 080469	111	106	90	110	103	106	105	93	106	90	98	107	101	107	103
94971330		C 090324	73	63	66	52	60	-0.54	-0.27	-6	4.7	-4.4	-1	5.9	8.5	-0.2	11.8
DELILAH								72	75	52	63	66	60	52	62	47	72
C 110236	2	C 070361	114	86	90	129	100	115	76	68	86	90	89	79	107	88	92
94971835		DO 060149	72	65	60	40	55	-1.26	0.87	-26	-4.2	-4.2	-18	-10.3	-1.4	4.9	2.8
11-0236C								71	74	40	65	60	55	40	57	38	71
C 130019	7	C 100413	104	114	98	95	111	102	99	103	114	98	111	112	109	112	112
94976172		C 110057	69	53	53	38	51	-0.20	-0.06	2	8.4	-1.7	23	9.0	-5.9	-1.4	18.9
13-0019C								68	71	38	53	53	48	42	55	33	64
H 130007	2	C 110154	99	100	98	117	101	98	102	83	100	98	105	96	99	96	113
4041630593		C 100456	76	59	62	44	57	0.17	-0.16	-14	2.1	-1.9	12	-0.1	13.0	2.6	20.0
ALISON								76	75	44	59	62	55	44	65	38	69
HOT 130092		C 100021	88	105	115	95	105	85	125	102	105	115	118	110	99	120	109
4041563968		DO 022095	73	69	75	57	57	1.20	-1.09	1	4.1	3.1	37	8.0	12.0	-3.5	16.7
OLIVIA								73	74	57	69	75	67	52	62	37	73
HOT 130096	16	C 060222	114	77	108	104	105	123	98	97	77	108	87	75	104	98	112
4041564008		DO 060185	75	70	74	63	62	-1.91	-0.01	-3	-8.6	1.2	-22	-12.7	3.0	2.2	19.4
ISABELLA								75	75	63	70	74	69	61	65	46	75
OW 130393	2	C 110505	98	82	84	120	113	132	82	81	82	84	73	81	112	107	115
4041882392		C 100083	81	68	73	58	69	-2.70	0.63	-16	-6.0	-6.1	-48	-8.9	-12.5	0.0	21.5
MODEL 13-0393OW								81	81	58	68	73	66	58	76	54	78
CSA 140022	2	C 110151	112	80	109	114	111	108	102	86	80	109	95	82	109	111	111
4041261506		C 100267	77	76	79	52	66	-0.67	-0.15	-12	-7.3	1.5	-6	-8.7	-6.3	-1.0	17.9
14-0022CSA								78	75	52	76	79	69	66	75	40	83
GRB 140035		GRB 120030	83	85	123	124	91	86	96	72	85	123	122	85	92	85	101
4041435407			56	70	72	26	40	1.11	0.09	-23	-4.8	5.6	45	-6.8	26.8	5.6	10.3
14-0035GRB								56	58	26	70	72	56	64	32	20	68
H 140005	7	C 110172	119	86	78	115	108	121	106	87	86	78	68	82	104	110	114
4041630684		C 100250	72	61	60	37	50	-1.72	-0.32	-10	-4.3	-8.0	-58	-8.4	3.4	-0.8	20.8
14-0005H								73	68	37	61	60	53	42	52	31	68
WBT 140014	3	C 120001	105	106	89	106	104	106	88	97	106	89	96	106	107	98	101
4041801574		C 090228	73	59	57	45	53	-0.48	0.40	-3	4.8	-4.5	-5	5.3	-2.2	2.2	9.7
WATERFORD DROUGHTMASTERS 14-0014V								73	75	45	59	57	54	46	54	35	70

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Animal			Selection Value					Birth		Growth					Fertility		
ID	Animal nr	Sire ID	Calving	Calf	Milk	Mainten.	Fertility	Cow	Birth	Mature	Wean	Wean	Cow-Calf	Post	Heifer	Cow	Long-
Name	% Inbr.	Dam ID	Ease Value	Growth Value	Value	Value	Value	Value	direct	weight	direct	mat	Ratio (Wean)	wean weight	Fertility	Fertility	evity
H 150005		C 110172	113	99	97	109	105	111	107	94	99	97	99	99	101	111	110
4041630783	16	C 110163	74	58	59	40	57	56	-0.57	-6	1.7	-2.1	1	1.7	9.5	-1.2	17.5
15-0005H									74	40	58	59	52	44	62	42	67
H 150015		C 110500	119	90	109	104	106	115	111	97	90	109	102	92	106	96	114
4041955065	3	C 100456	70	59	61	46	57	56	-0.96	-3	-2.4	1.5	5	-2.7	0.6	2.6	20.4
ALISON									69	46	59	61	55	46	65	39	68
H 150017		C 120338	113	93	90	116	111	106	110	86	93	90	88	91	110	109	112
98222227	1	C 100250	61	53	50	39	53	50	-0.89	-12	-1.2	-4.3	-19	-3.2	-7.5	-0.5	19.2
PEARL									61	39	53	50	47	41	59	36	64
H 150023		C 110500	112	93	110	105	104	111	108	97	93	110	105	94	104	94	113
95151445	3	C 100456	72	60	65	48	58	58	-0.66	-3	-1.4	1.9	12	-1.4	4.4	3.3	19.7
ALISON									71	48	60	65	58	48	66	40	68
H 150025		C 110500	114	93	116	96	102	114	108	102	93	116	109	95	102	90	110
4041630882	3	C 100456	68	59	62	46	57	56	-0.68	1	-1.2	3.6	19	-1.1	6.5	4.2	17.2
15-0025H									68	46	59	62	56	46	63	41	68
H 160005		C 110172	124	90	91	109	106	107	116	94	90	91	83	86	104	112	104
4041955131	7	C 100250	69	59	59	37	49	54	-1.35	-5	-2.6	-3.9	-29	-6.2	3.3	-1.4	12.7
16-0005H									69	37	59	59	52	41	51	32	63
H 160008		C 110172	101	108	108	96	113	120	97	102	108	108	115	107	111	117	111
4041955156	10	C 130019	70	58	61	36	50	54	0.22	1	5.7	1.2	31	5.9	-9.0	-2.9	18.0
HARPER									71	36	58	61	52	41	57	30	62
H 160011		C 120338	115	87	97	113	102	100	112	89	87	97	89	87	98	110	104
4041955172	1	C 100248	67	48	46	36	54	49	-1.01	-9	-3.8	-2.2	-19	-5.5	13.9	-1.0	12.5
ODETTE									67	36	48	46	43	40	58	40	63
HOT 160243		C 060222	114	88	101	110	117	113	114	91	88	101	94	93	118	119	103
4041663370		DO 022064	72	66	67	50	62	61	-1.16	-7	-3.3	-0.9	-9	-2.0	-23.1	-3.4	11.7
HILLARY									72	50	66	67	61	54	69	45	71
HOT 160246		C 110154	96	110	90	112	113	108	99	91	110	90	103	103	112	106	116
4041663404	4	C 090032	73	67	69	62	65	63	0.05	-8	6.6	-4.4	8	4.0	-11.6	0.0	22.2
ADELAIDE									73	62	67	69	66	57	73	49	74
HOT 160263		C 100450	94	106	94	105	98	96	93	97	106	94	101	98	102	87	100
4041663594		FXF 060195	64	53	59	30	46	50	0.60	-2	4.5	-3.0	4	1.1	7.0	5.0	9.0
RY 16-0263HOT									64	30	53	59	47	37	48	26	64
HOT 160289		C 110154	107	115	86	99	98	106	109	101	115	86	100	114	98	100	99
4041769684	5	DO 060236	71	61	63	52	64	59	-0.80	1	8.6	-5.4	2	10.2	15.0	1.6	7.9
RY 16-0289HOT									71	52	61	63	59	51	70	49	74

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ID	Animal nr	Sire ID	Calving	Calf	Milk	Mainten.	Fertility	Cow	Birth	Mature	Wean	Wean	Cow-Calf	Post	Heifer	Cow	Long-
Name	% Inbr.	Dam ID	Ease Value	Growth Value	Value	Value	Value	Value	direct	weight	direct	mat	Ratio (Wean)	wean weight	Fertility	Fertility	evity
OW 160094		C 110505	115	81	111	142	101	108	117	44	81	111	119	81	103	99	100
4041954944	2	C 120052	74	64	67	58	66	62	-1.39	-46	-6.7	1.9	39	-9.3	5.9	1.9	9.3
MODEL 16-0094OW									74	58	64	67	63	54	69	54	74
WBT 160123		C 120001	100	96	119	92	109	113	97	105	96	119	114	96	109	102	109
4041800493	1	WBT 130050	72	59	63	40	49	55	0.19	4	0.3	4.6	29	-0.4	-6.8	1.3	16.6
TMASTERS 16-0123WBT									73	40	59	63	54	45	50	30	67
BV 170034		BV 140010	96	91	98	99	100	88	93	101	91	98	90	91	103	94	97
4042100216		SWC 050037	65	61	55	27	40	51	0.55	0	-2.0	-1.7	-17	-3.3	4.4	3.3	6.8
D-BOSCHVALLEYFARMS17-0034BV									65	27	61	55	48	42	36	26	59
BV 170037		BV 140010	106	96	92	104	98	94	105	98	96	92	89	100	97	94	106
4042100075	21	C 110513	71	68	61	41	52	59	-0.41	-2	0.0	-3.6	-19	1.8	17.6	3.1	14.1
D-BOSCHVALLEYFARMS17-0037BV									72	41	68	61	57	53	50	40	65
CTM 170034		CTM 130203	107	83	66	109	118	82	127	95	83	66	51	90	120	116	104
4041991896	5	CTM 130201	73	68	64	56	51	60	-2.25	-4	-5.6	-11.3	-89	-4.0	-27.0	-2.4	12.8
17-0034CTM									74	56	68	64	63	52	60	30	64
GRB 170141		GRB 150120	92	89	97	115	103	87	91	86	89	97	92	88	105	94	107
4042008955		GRB 130112	57	55	60	20	37	47	0.76	-12	-2.9	-2.0	-12	-5.3	2.3	3.2	15.3
KYLIE									56	20	55	60	45	48	33	17	60
GRB 170215		ZON 110001	86	95	120	108	90	92	91	92	95	120	119	94	93	85	93
4042009680		GRB 130065	54	61	62	25	36	49	0.69	-7	-0.4	4.9	39	-1.6	24.8	5.5	3.2
17-0215GRB									54	25	61	62	49	54	31	12	65
H 170001		C 110172	120	85	87	123	104	98	118	76	85	87	80	81	105	107	99
4041955206	2	C 110236	69	59	58	37	54	55	-1.52	-20	-5.0	-5.2	-35	-9.4	1.3	-0.1	8.6
17-0001C									70	37	59	58	51	40	59	39	65
H 170003		C 110172	118	95	85	112	114	109	109	90	95	85	83	95	108	133	109
4041955222	7	C 080419	71	61	62	41	58	57	-0.80	-8	-0.4	-5.9	-30	-0.9	-4.8	-6.9	16.7
CHARLOTTE									71	41	61	62	55	44	64	43	67
H 170006		C 110172	119	84	92	117	95	93	118	85	84	92	82	82	97	87	101
4041955255	3	C 100426	72	55	52	39	52	53	-1.54	-13	-5.1	-3.6	-31	-8.5	17.6	5.2	10.3
17-0006H									73	39	55	52	49	42	57	36	64
HOT 170346		C 090253	89	106	114	95	95	101	93	102	106	114	120	103	99	87	96
4042092397			62	52	49	35	52	49	0.59	2	4.9	3.1	40	3.5	13.1	5.1	5.9
RY 17-0346HOT									62	35	52	49	45	40	60	31	64
HOT 170355		DO 060236	109	116	86	83	99	106	109	117	116	86	94	114	100	100	96
4042092462			70	54	53	42	56	53	-0.79	13	9.1	-5.5	-8	10.5	11.5	1.6	5.9
RY 17-0355HOT									70	42	54	53	50	42	62	39	66

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Animal			Selection Value						Birth		Growth					Fertility		
ID Animal nr Name	% Inbr.	Sire ID Dam ID	Calving Ease Value	Calf Growth Value	Milk Value	Mainten. Value	Fertility Value	Cow Value	Birth direct	Birth mat	Mature weight	Wean direct	Wean mat	Cow-Calf Ratio (Wean)	Post wean weight	Heifer Fertility	Cow Fertility	Long- evity
HOT 170358 4042092496 DO 060236 RY 17-0358HOT			106 67	117 55	87 54	81 44	98 56	105 53	108 -0.67 67	82 0.63 67	120 16 44	117 9.5 55	87 -5.2 54	95 -6 51	115 11.1 42	98 15.1 65	107 -0.1 36	95 4.8 68
OW 170279 4042179830 6 C 130014 DAPHNE C 120081			102 70	90 59	92 60	114 46	111 60	96 57	102 -0.20 70	92 0.22 72	87 -10 46	90 -2.7 59	92 -3.6 60	87 -23 55	83 -8.2 48	116 -18.7 67	102 1.2 44	100 9.2 70
VOVA170053 4042040610 PE 130015 VIOLET FXF 100358			73 56	114 63	96 59	91 19	110 46	94 51	76 1.93 59	103 -0.20 46	107 5 19	114 8.4 63	96 -2.4 59	107 15 47	108 6.6 46	110 -8.3 50	104 0.8 20	112 19.2 68
WBT 170056 4041972011 4 115 TMASTERS 17-0056WBT DO 022095			119 69	89 58	119 64	85 41	105 53	116 55	116 -1.32 69	93 0.18 71	113 10 41	89 -3.1 58	119 4.5 64	104 9 54	119 13.0 38	104 3.3 58	111 -1.2 32	110 17.5 68
BV 180009 4042289985 3 C 130664 MADISON C 110438			88 62	106 55	115 62	92 40	108 37	109 50	88 0.93 64	103 -0.21 53	105 3 40	106 4.6 55	115 3.4 62	119 38 52	109 7.3 30	100 10.4 36	119 -3.4 20	117 22.9 56
CSA 180044 4042255648 10 OW 140522 18-0044CSA OW 160123			107 72	81 51	91 54	139 43	107 58	92 53	107 -0.56 73	90 0.32 68	51 -40 43	81 -6.7 51	91 -4.1 54	91 -15 49	80 -9.6 41	116 -19.6 64	85 5.7 45	96 6.1 64
CSA 180065 4042261133 C 090227 18-0065CSA			107 71	107 59	80 63	116 46	105 55	102 57	103 -0.23 71	109 -0.44 72	87 -11 46	107 5.0 59	80 -7.3 63	91 -15 56	94 -1.3 44	103 5.9 68	105 0.5 33	111 18.6 65
CSA 180081 4042261422 C 120340 18-0081CSA			102 63	107 51	104 50	96 40	97 50	107 49	100 -0.05 63	100 -0.09 64	102 1 40	107 5.3 51	104 0.0 50	110 22 47	101 2.7 36	93 24.9 60	109 -0.7 25	103 11.8 64
CSA 180173 4042287187 C 100267 18-0173CSA			76 72	112 63	100 64	108 52	97 59	92 59	81 1.55 72	95 0.10 72	94 -5 52	112 7.5 63	100 -1.1 64	115 31 60	108 6.8 50	94 21.8 70	97 2.4 38	109 16.2 69
CTM 180125 4042306763 3 CTM 130203 18-0125CTM C 110152			112 67	109 60	74 60	102 52	117 51	111 55	111 -0.92 67	88 0.41 67	100 0 52	109 6.2 60	74 -8.9 60	83 -29 57	116 11.5 48	115 -17.5 55	124 -4.6 34	109 16.4 64
GRB 180050 4042243651 2 GRB 140026 18-0050GRB GRB 110027			89 62	97 70	86 70	125 53	104 46	86 59	87 1.05 62	113 -0.60 62	74 -21 53	97 0.4 70	86 -5.4 70	93 -12 64	93 -2.3 52	107 -1.7 46	92 3.8 28	106 13.9 63
H 180006 4042381279 2 H 130010 18-0006H C 100426			103 70	105 46	93 44	103 33	96 43	98 46	103 -0.28 71	91 0.27 66	99 -1 33	105 4.2 46	93 -3.5 44	98 -2 41	99 1.5 32	97 16.9 42	87 5.2 27	105 13.1 59

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ID Animal nr Name	% Inbr.	Sire ID Dam ID	Calving Ease Value	Calf Growth Value	Milk Value	Mainten. Value	Fertility Value	Cow Value	Birth direct	Birth mat	Mature weight	Wean direct	Wean mat	Cow-Calf Ratio (Wean)	Post wean weight	Heifer Fertility	Cow Fertility	Long- evity
H 180008 4042381295 18-0008H		H 130010 C 100248	113 69	100 44	95 42	93 31	95 43	100 45	110 -0.87 70	93 0.18 65	105 4 31	100 2.1 44	95 -2.7 42	93 -10 39	95 -0.8 28	91 27.4 45	97 2.5 25	107 14.9 59
H 180019 4042381402 18-0019H	3	H 130010 C 100041	88 72	127 60	98 46	79 27	104 50	111 53	92 0.62 73	86 0.45 69	122 17 27	127 14.1 60	98 -2.0 46	114 29 44	118 12.8 33	98 14.7 58	110 -0.9 32	115 21.6 60
H 180020 4042381410 ALISON	1	H 130010 H 130007	95 70	108 60	101 53	106 33	104 49	106 53	95 0.38 71	99 -0.03 64	96 -4 33	108 5.6 60	101 -1.1 53	110 22 49	103 3.7 30	99 13.2 56	106 0.1 33	116 22.5 59
H 180024 4042381444 18-0024H	1	H 130010 H 150015	117 66	106 56	95 44	91 33	100 45	111 49	110 -0.85 68	110 -0.47 60	107 5 33	106 4.7 56	95 -2.8 44	98 -1 44	103 3.7 31	97 16.7 45	97 2.6 31	114 20.4 60
H 180025 4042381451 18-0025H	4	H 130010 H 150005	99 69	121 57	92 43	88 31	94 50	104 51	96 0.28 70	106 -0.31 63	111 9 31	121 11.2 57	92 -3.8 43	107 15 44	116 11.4 30	88 33.3 55	98 2.3 36	113 19.9 60
H 180027 98215213 H 180027		H 130010 C 100250	109 59	107 48	89 44	93 31	101 43	104 45	106 -0.55 60	97 0.02 57	106 4 31	107 5.3 48	89 -4.6 44	94 -9 41	100 2.2 30	97 16.2 44	103 1.0 26	113 19.8 60
HOT 180491 4042206666 IVY	2	HOT 150135 CSA 150017	113 63	93 61	99 51	122 38	106 44	109 52	112 -1.04 62	85 0.51 65	77 -19 38	93 -1.3 61	99 -1.5 51	102 6 50	93 -2.2 39	105 0.9 44	105 0.4 30	108 15.3 58
OW 180419 4042216962 MODEL 18-0419OW		DO 022009 DO 022074	111 65	118 58	91 61	83 49	113 60	122 56	109 -0.78 65	91 0.26 67	116 13 49	118 10.0 58	91 -3.8 61	102 6 56	115 10.9 47	108 -4.2 68	132 -6.5 44	104 12.6 68
VOVA180153 4042219578 18-0153		CSA 140022	92 62	89 59	112 56	111 33	100 50	94 52	93 0.55 62	97 0.04 60	90 -9 33	89 -2.9 59	112 2.4 56	107 15 49	87 -5.7 52	97 16.4 52	94 3.4 34	114 20.7 65
VOVA180190 4042222556 PRINCESS DIANNA		VOVA150162 CSA 140022	91 48	112 62	94 49	89 27	113 45	106 48	89 0.87 48	111 -0.52 48	110 8 27	112 7.4 62	94 -2.9 49	102 6 46	108 6.7 40	110 -7.8 46	113 -1.6 25	115 21.4 63
CSA 190008 4042388472 19-0008CSA	2	115 C 100267	115 69	90 61	117 66	92 46	105 57	114 58	116 -1.36 69	76 0.85 70	105 4 46	90 -2.4 61	117 3.7 66	105 13 58	114 10.4 47	113 -13.2 66	97 2.5 37	96 5.8 68
CSA 190125 4042440083 CLAIRE	3	CSA 160056 CSA 170188	105 73	115 70	98 71	93 63	105 57	116 64	105 -0.41 74	91 0.28 71	105 4 63	115 8.7 70	98 -1.8 71	110 22 68	116 11.7 51	103 6.2 64	116 -2.4 44	103 11.3 63

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Animal			Selection Value						Birth		Growth						Fertility		
ID Animal nr Name	% Inbr.	Sire ID Dam ID	Calving Ease Value	Calf Growth Value	Milk Value	Mainten. Value	Fertility Value	Cow Value	Birth direct	Birth mat	Mature weight	Wean direct	Wean mat	Cow-Calf Ratio (Wean)	Post wean weight	Heifer Fertility	Cow Fertility	Long- evity	
H 190015 4042511230 19-0015H	4	H 130010 C 110236	115 67	100 48	87 42	111 31	101 50	104 47	113 -1.11 69	91 0.27 61	92 -7 31	100 2.0 48	87 -5.2 42	90 -16 40	93 -2.1 29	100 10.4 56	90 4.3 33	112 18.9 60	
H 190019 4042511271 19-0019H	3	H 130010 C 100041	92 66	117 51	104 53	77 39	97 43	104 49	94 0.51 66	94 0.14 66	124 19 39	117 9.8 51	104 -0.2 53	110 22 48	110 8.0 24	91 28.4 45	96 2.7 23	118 24.3 61	
H 190024 4042511321 19-0024H	2	H 130010 H 160011	104 68	106 42	94 38	96 30	97 48	100 44	102 -0.22 69	98 -0.02 62	103 2 30	106 4.5 42	94 -3.1 38	98 -1 37	102 3.1 29	89 31.2 54	105 0.3 34	116 22.6 57	
H 190031 95993085 H 190031	3	DO 050029 C 110525	107 55	114 55	75 59	95 45	107 54	103 51	103 -0.27 55	106 -0.33 53	105 4 45	114 8.4 55	75 -8.8 59	87 -23 53	107 6.2 46	104 4.0 61	108 -0.4 40	111 18.3 62	
HOT 190615 4042435810 RY 19-0615HOT	16	HOT 150208 HOT 160246	99 68	105 56	97 52	118 46	109 55	109 53	103 -0.25 68	79 0.73 67	82 -15 46	105 4.1 56	97 -2.3 52	109 19 51	96 -0.1 48	106 -0.2 60	109 -0.6 42	114 20.9 62	
HOT 190680 4042436461 RY 19-0680HOT	6	ZON 140011 HOT 160289	109 64	99 51	94 52	102 39	98 53	99 50	110 -0.87 64	79 0.74 63	99 -1 39	99 1.4 51	94 -3.0 52	93 -10 47	101 2.4 40	101 9.6 59	82 6.5 37	105 13.3 63	
HOT 190685 4042460370 RY 19-0685HOT	5	HOT 160241 HOT 170358	115 61	102 51	81 53	83 44	106 49	100 49	115 -1.30 61	80 0.71 61	118 14 44	102 2.6 51	81 -7.1 53	76 -43 49	103 3.8 40	103 5.4 57	115 -2.2 32	105 13.6 58	
HS 190167 4042752495 19-0167HS	3	C 110505 C 120081	114 70	68 62	101 62	127 54	104 62	90 59	121 -1.78 70	90 0.30 70	69 -26 54	68 -12.5 62	101 -0.9 62	82 -32 59	68 -16.7 54	110 -8.7 64	89 4.5 51	98 7.8 70	
VOVA190014 4042379729 19-0014		VOVA160049	94 48	109 53	89 57	121 39	103 37	101 45	91 0.75 48	130 -1.26 47	79 -17 39	109 6.2 53	89 -4.5 57	107 16 50	105 4.7 43	100 10.7 33	105 0.3 18	108 15.4 59	
VOVA190034 4042379885 19-0034		C 100267	79 68	98 63	107 60	116 42	102 57	91 57	84 1.34 68	94 0.17 66	84 -14 42	98 1.2 63	107 1.0 60	113 27 55	94 -1.3 56	99 12.0 59	97 2.5 41	114 20.7 70	
WBT 190095 4042498305 TMASTERS 19-0095WBT	8	TOP 150102 WBT 140014	90 68	116 46	101 48	87 35	111 44	111 47	96 0.34 69	79 0.73 64	111 9 35	116 9.1 46	101 -0.9 48	112 25 43	113 9.5 37	109 -6.9 43	115 -2.2 28	106 13.7 60	
CSA 200030 4042625451 20-0030CSA	6	CSA 170062 CSA 180044	118 68	85 53	93 52	119 44	109 49	104 51	118 -1.50 70	91 0.27 61	81 -16 44	85 -4.8 53	93 -3.2 52	86 -24 50	92 -3.0 42	113 -13.3 55	93 3.4 35	106 13.9 58	

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ID Animal nr Name	% Inbr.	Sire ID Dam ID	Calving Ease Value	Calf Growth Value	Milk Value	Mainten. Value	Fertility Value	Cow Value	Birth direct	Birth mat	Mature weight	Wean direct	Wean mat	Cow-Calf Ratio (Wean)	Post wean weight	Heifer Fertility	Cow Fertility	Long- evity
GRB 200249 4042634222 20-0249GRB	1	C 150050 GRB 140035	74 51	110 64	113 53	110 29	100 43	98 50	82 1.50 51	85 0.51 52	91 -7 29	110 6.3 64	113 2.5 53	126 52 49	105 5.0 48	99 13.5 38	103 0.9 33	103 11.8 58
H 200005 4042656209 20-0005H		H 130010 C 100250	96 69	112 48	93 44	93 31	101 51	101 48	98 0.17 70	91 0.28 64	106 4 31	112 7.6 48	93 -3.3 44	103 8 41	105 5.0 30	93 24.1 57	109 -0.5 35	117 23.3 61
H 200006 4042656217 20-0006H	2	H 130010 H 150017	110 68	105 48	88 50	108 41	103 42	105 48	109 -0.79 69	89 0.34 63	95 -4 41	105 4.0 48	88 -4.9 50	94 -9 46	100 2.1 29	100 10.9 43	104 0.6 26	110 17.4 58
H 200009 4042656241 20-0009H		BV 170034	98 59	83 30	114 27	99 13	69 24	72 31	100 0.02 60	90 0.32 54	100 0 13	83 -5.8 30	114 3.0 27	98 -1 23	85 -6.6 21	71 66.5 18	67 10.3 13	87 -1.9 42
H 200010 4042656258 20-0010H		C 090353	109 53	67 41	111 44	116 34	73 35	70 40	124 -2.03 55	88 0.40 43	83 -14 34	67 -12.8 41	111 2.2 44	86 -23 40	69 -16.3 30	75 57.4 38	70 9.5 24	84 -4.0 44
H 200013 4042656282 20-0013H	7	ZON 140011 HOT 160243	106 71	88 52	104 53	108 38	120 52	110 52	108 -0.68 72	80 0.72 66	94 -5 38	88 -3.5 52	104 -0.1 53	95 -8 48	93 -2.3 41	124 -34.4 59	117 -2.8 36	101 9.9 61
H 200015 95189767 WILLOW	6	CSA 150031 WBT 160123	101 55	103 46	104 49	104 37	116 49	116 45	100 -0.04 55	99 -0.03 53	97 -2 37	103 3.1 46	104 -0.1 49	108 17 44	99 1.4 38	114 -15.9 56	119 -3.1 33	112 19.3 57
H 200019 4042656316 20-0019H	5	OW 180535 OW 130393	120 67	93 46	93 47	108 39	113 52	113 48	117 -1.40 69	91 0.25 60	95 -5 39	93 -1.2 46	93 -3.3 47	88 -20 44	92 -2.9 38	110 -8.5 60	113 -1.6 39	116 22.2 56
H 200020 4042656324 20-0020H	2	CSA 150036 H 170006	111 64	106 46	91 40	94 30	95 42	102 44	106 -0.50 66	107 -0.36 58	104 3 30	106 4.7 46	91 -3.8 40	96 -6 39	101 2.4 33	96 17.9 45	98 2.3 26	92 2.4 56
H 200027 4042656399 20-0027H	15	C 110243 HOT 160289	110 68	108 56	86 56	111 49	97 58	103 55	111 -0.93 69	81 0.67 62	92 -6 49	108 5.4 56	86 -5.6 56	96 -6 54	106 5.4 49	99 13.6 65	88 4.8 44	105 13.2 64
H 200029 4042656415 20-0029H	1	C 110500 GRB 170141	106 68	94 55	102 56	108 44	105 51	104 53	102 -0.21 69	104 -0.26 62	94 -5 44	94 -0.6 55	102 -0.7 56	99 0 52	96 -0.3 50	103 5.2 57	103 0.9 37	110 17.7 60
H 200031 4042656423 20-0031H	1	CSA 150036 H 150005	117 66	109 47	91 43	90 31	99 50	110 47	109 -0.78 68	116 -0.72 58	109 7 31	109 5.8 47	91 -3.9 43	96 -5 40	105 4.7 34	96 18.4 58	108 -0.5 35	102 10.7 57

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ID	Animal nr	Sire ID	Calving	Calf	Milk	Mainten.	Fertility	Cow	Birth	Mature	Wean	Wean	Cow-Calf	Post	Heifer	Cow	Long-
Name	% Inbr.	Dam ID	Ease Value	Growth Value	Value	Value	Value	Value	direct	weight	direct	mat	Ratio (Wean)	wean weight	Fertility	Fertility	evity
H 200033	1	CSA 150036	113	108	89	92	111	114	108	107	108	89	94	105	109	128	100
4042656449		H 170003	64	48	44	31	50	47	-0.67	6	5.7	-4.7	-9	4.7	-5.5	-5.7	9.3
20-0033H									66	31	48	44	41	34	59	32	58
H 200038		CSA 150036	110	108	101	88	104	114	105	110	108	101	105	105	105	102	103
4042656498		H 150015	63	47	43	33	49	46	-0.45	8	5.5	-0.8	11	4.8	2.2	1.2	11.8
20-0038H									65	33	47	43	41	34	59	31	57
H 200039		CSA 150036	126	101	99	82	102	116	117	118	101	99	94	112	99	112	102
4042656506		WBT 170056	66	47	44	32	49	47	-1.39	15	2.6	-1.6	-10	9.2	13.1	-1.5	11.0
20-0039H									68	32	47	44	41	32	58	32	58
H 200041	8	C 110243	88	113	100	112	111	110	95	90	113	100	116	108	110	105	114
4042656522		HOT 160246	70	60	63	52	55	57	0.39	-8	7.6	-1.3	33	6.6	-8.6	0.5	20.5
20-0041H									71	52	60	63	58	50	58	42	64
H 200042		CSA 150036	98	113	108	85	99	110	97	113	113	108	115	110	100	93	103
4042656530		H 150025	65	47	44	33	51	47	0.22	10	7.8	1.3	31	7.8	10.7	3.6	11.4
20-0042H									67	33	47	44	41	34	59	35	58
H 200047	3	CSA 150036	108	105	93	96	97	102	106	103	105	93	97	99	100	89	98
4042656571		C 100426	65	48	45	33	49	47	-0.55	2	4.3	-3.4	-4	1.5	11.5	4.6	7.6
20-0047H									67	33	48	45	42	35	57	33	58
H 200056	13	C 110236	108	102	106	89	104	111	108	109	102	106	105	97	106	100	99
4042791030			55	49	49	35	45	45	-0.66	7	2.9	0.5	11	-0.1	-0.8	1.8	7.9
20-0056H									55	35	49	49	44	34	46	30	59
H 200059		C 110236	109	80	108	116	68	75	110	84	80	108	95	79	72	64	78
4042791063			35	32	30	20	27	29	-0.89	-13	-7.1	1.1	-6	-10.4	63.6	11.1	-8.9
20-0059H									35	20	32	30	27	20	29	18	35
H 200062		1636 (P) D5	103	96	96	89	108	98	100	109	96	96	88	91	108	108	105
4042791097		C 090203	58	52	49	39	50	48	-0.04	7	-0.1	-2.6	-20	-3.1	-3.6	-0.4	13.0
20-0062H									58	39	52	49	47	36	58	33	59
H 200066	2	C 110151	106	84	107	114	104	100	105	86	84	107	98	86	106	92	108
4042791139		C 100456	61	57	56	39	54	52	-0.46	-11	-5.2	0.9	-2	-6.2	-0.2	3.9	15.8
20-0066H									61	39	57	56	51	48	63	36	64
H 200072	6	CSA 150036	98	116	101	82	97	108	99	117	116	101	110	109	95	104	103
4042791196		C 100041	66	52	54	27	47	49	0.08	13	9.4	-0.9	21	7.3	21.2	0.6	11.6
20-0072H									68	27	52	54	44	28	57	26	58
HS 200647	5	OW 140572	119	96	99	109	107	115	116	93	96	99	99	91	109	106	101
4042589194		OW 170279	70	52	53	45	51	52	-1.38	-6	0.4	-1.5	0	-3.6	-5.6	0.1	9.9
20-0647HS									71	45	52	53	50	43	55	37	62

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WBT 200078 4042679474 TMASTERS 20-0078WBT	3	C 110505 DO 022095	101 69	92 63	118 65	115 55	109 60	113 59	100 -0.06 69	97 0.02 69	84 -13 55	92 -1.8 63	118 4.2 65	118 36 61	99 1.5 54	102 7.7 62	127 -5.3 49	113 19.5 69
H 210004 4042791238 21-0004H	10	HOT 190643 BV 170037	117 56	98 45	90 42	104 31	99 37	103 42	115 -1.27 59	87 0.42 45	98 -2 31	98 1.1 45	90 -4.3 42	89 -19 39	99 1.2 36	97 17.4 37	101 1.4 27	107 14.7 46
H 210005 4042791246 21-0005H		HOT 190643 HOT 160263	108 55	104 40	91 41	105 28	100 35	103 39	106 -0.55 57	94 0.14 46	98 -2 28	104 3.9 40	91 -3.8 41	96 -4 36	99 1.6 31	99 12.0 36	97 2.4 23	104 12.1 46
H 210008 4042832560 21-0008H	1	C 110243 C 090020	104 64	103 58	88 59	113 45	101 48	99 53	104 -0.37 66	90 0.32 58	89 -9 45	103 3.2 58	88 -4.9 59	95 -8 54	99 1.5 46	104 4.4 50	97 2.5 36	99 8.6 59
H 210012 4042832602 21-0012H		CSA 180052	100 53	103 33	107 34	92 31	72 30	87 34	102 -0.16 57	87 0.43 38	106 4 31	103 3.3 33	107 1.0 34	108 18 33	105 5.0 26	73 61.7 35	77 7.6 20	84 -4.3 35
H 210013 4042832610 21-0013H	2	CSA 150066 H 180020	109 65	102 54	97 49	114 39	97 44	106 49	107 -0.58 67	97 0.01 55	88 -10 39	102 2.8 54	97 -2.1 49	104 10 47	95 -0.8 34	92 26.8 52	105 0.3 28	110 17.5 52
H 210017 95907341 H 210017	1	CSA 150066 C 110163	118 62	100 55	91 53	115 44	98 53	107 51	113 -1.09 62	103 -0.19 61	86 -11 44	100 2.1 55	91 -4.0 53	97 -4 51	97 0.0 41	94 21.9 63	102 1.2 36	107 15.0 60
H 210018 4042958522 21-0018H	2	CSA 150066 H 180006	112 67	101 51	94 47	113 39	93 43	101 48	110 -0.85 68	93 0.20 62	89 -9 39	101 2.3 51	94 -3.2 47	99 0 46	94 -1.6 35	91 28.7 48	95 2.9 26	103 11.6 54
H 210020 4042958530 21-0020H	1	CSA 150066 BV 180009	102 64	102 53	105 52	109 42	99 41	107 49	100 -0.06 67	101 -0.12 53	92 -7 42	102 2.9 53	105 0.3 52	111 23 49	100 1.8 35	92 25.4 47	112 -1.4 25	110 17.8 51
H 210022 4043088063 21-0022H		CSA 180044	105 53	78 26	108 27	122 21	71 29	73 30	106 -0.51 57	87 0.43 37	75 -20 21	78 -8.2 26	108 1.2 27	97 -4 25	80 -10.0 20	77 54.5 32	62 11.5 22	80 -7.3 32
H 210024 4042958548 21-0024H	3	CSA 150066 H 160005	123 69	93 54	93 51	115 40	102 50	108 51	117 -1.41 70	102 -0.16 63	87 -11 40	93 -1.2 54	93 -3.4 51	91 -15 48	87 -5.6 38	97 17.5 61	113 -1.7 31	108 15.6 57
H 210025 4042958555 21-0025H	4	C 110243 H 150023	109 61	98 55	100 57	112 48	108 56	110 53	109 -0.74 61	87 0.44 62	90 -8 48	98 0.9 55	100 -1.2 57	102 7 53	97 0.3 48	107 -2.8 64	102 1.2 42	111 17.8 62

Breeding Values and Accuracies: Cows

Index
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Acc

Green: >120 High
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Value <80

Value >120

Breeding values with an accuracy < 5% are not printed

Animal			Selection Value					Birth		Growth					Fertility		
ID	Animal nr	Sire ID	Calving	Calf	Milk	Mainten.	Fertility	Cow	Birth	Mature	Wean	Wean	Cow-Calf	Post	Heifer	Cow	Long-
Name	% Inbr.	Dam ID	Ease Value	Growth Value	Value	Value	Value	Value	direct	weight	direct	mat	Ratio (Wean)	wean weight	Fertility	Fertility	evity
H 210026	3	CSA 150066	113	100	96	110	95	104	110	93	100	96	99	93	90	102	109
4043040049		H 180008	67	50	47	39	47	48	-0.88	-6	2.0	-2.6	0	-1.9	30.1	1.2	16.4
21-0026H									69	39	50	47	45	34	60	26	55
H 210027	1	CSA 150066	104	112	97	99	101	110	105	101	112	97	108	104	95	111	112
4042971210		H 180019	69	54	48	38	50	51	-0.40	0	7.3	-2.1	18	4.2	21.2	-1.2	19.4
21-0027H									71	38	54	48	47	36	62	31	56
H 210031	1	CSA 180147	113	95	83	117	112	103	107	86	95	83	83	91	107	121	113
4043040056		H 170007	63	43	43	31	46	44	-0.57	-12	-0.5	-6.3	-30	-3.2	-2.2	-3.7	20.0
21-0031H									65	31	43	43	39	32	56	30	52
H 210033	3	CSA 180147	99	101	108	103	111	111	96	98	101	108	109	98	110	111	111
95189775		WBT 160123	51	43	45	32	39	41	0.28	-2	2.2	1.0	19	0.9	-7.1	-1.1	17.9
H 210033									52	32	43	45	40	34	43	25	48
H 210035	2	CSA 160056	108	108	97	115	93	107	104	86	108	97	111	104	86	100	111
4043040080		CSA 180065	66	55	55	48	54	53	-0.37	-11	5.7	-2.1	24	4.6	37.1	1.7	18.0
21-0035H									68	48	55	55	53	44	65	37	59
H 210044	5	OW 130393	118	99	101	84	110	116	118	115	99	101	95	96	109	111	107
4043040155			60	50	53	42	54	49	-1.55	12	1.5	-0.9	-8	-0.1	-6.8	-1.1	15.0
21-0044H									60	42	50	53	48	40	62	40	61
H 210046	5	OW 130393	117	101	104	84	109	118	115	115	101	104	99	98	109	107	107
4043040171			60	50	53	42	54	49	-1.29	12	2.4	-0.2	0	1.1	-6.7	-0.1	15.2
21-0046H									60	42	50	53	48	40	62	40	60
H 210047	5	OW 130393	116	101	104	84	109	118	115	115	101	104	99	99	109	106	107
4043040189			60	50	53	42	54	49	-1.24	12	2.5	0.0	1	1.3	-6.6	0.1	15.2
21-0047H									60	42	50	53	48	40	62	40	61
H 210049	5	OW 130393	111	103	106	83	109	117	112	115	103	106	103	101	108	108	107
4043040205			58	50	53	42	54	49	-1.00	12	3.3	0.7	9	2.3	-4.3	-0.4	15.2
21-0049H									58	42	50	53	48	40	62	40	60
H 210053	5	OW 130393	113	102	105	83	109	117	113	115	102	105	102	100	109	109	103
4043040247			55	50	53	42	48	47	-1.10	12	3.0	0.4	6	1.9	-6.4	-0.6	12.0
21-0053H									55	42	50	53	48	40	52	37	56
H 210054	1	CSA 160075	103	104	104	82	102	105	104	117	104	104	101	106	103	101	100
4043040254		HOT 170358	62	49	47	37	48	47	-0.31	13	3.7	-0.1	4	5.5	6.2	1.4	8.8
21-0054H									62	37	49	47	44	34	58	30	56
H 210056	7	CSA 150066	118	86	100	113	102	103	120	88	86	100	91	81	97	108	111
4043040270		HOT 130096	70	57	56	48	53	54	-1.70	-10	-4.4	-1.4	-15	-9.1	16.6	-0.3	18.2
21-0056H									71	48	57	56	54	44	63	35	60

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Animal			Selection Value					Birth		Growth					Fertility		
ID	Animal nr	Sire ID	Calving	Calf	Milk	Mainten.	Fertility	Birth	Birth	Mature	Wean	Wean	Cow-Calf	Post	Heifer	Cow	Long-
Name	% Inbr.	Dam ID	Ease Value	Growth Value	Value	Value	Value	direct	mat	weight	direct	mat	Ratio (Wean)	wean weight	Fertility	Fertility	evity
H 210059	6	CSA 180063	114	108	96	97	103	107	111	102	108	96	103	109	100	105	109
4043040296		HOT 130092	60	53	51	40	50	-0.63	-0.51	2	5.7	-2.5	8	7.2	10.5	0.4	16.8
21-0059H								61	58	40	53	51	48	40	61	31	58
H 210062		CSA 150066	112	93	95	112	99	107	105	90	93	95	92	89	97	102	105
4043040320		BV 170034	66	54	50	38	49	-0.59	-0.30	-8	-1.3	-2.7	-13	-4.7	17.3	1.2	13.2
21-0062H								68	60	38	54	50	47	38	59	30	57
H 210063		CSA 180063	114	111	93	92	100	111	92	106	111	93	101	105	100	93	110
4043040338		C 100041	69	51	48	31	48	-0.96	0.21	5	6.9	-3.3	5	5.1	11.9	3.5	17.0
21-0063H								70	63	31	51	48	43	32	60	29	56
H 210066	4	CSA 180147	106	100	91	112	113	102	110	91	100	91	95	98	107	127	113
4043040353		H 170003	63	44	45	33	48	-0.15	-0.50	-8	2.1	-4.0	-8	1.0	-2.6	-5.4	19.9
21-0066H								65	56	33	44	45	41	33	59	33	53
H 210067	1	CSA 180063	115	117	84	90	99	113	88	110	117	84	97	114	100	99	100
4043040361		HOT 170355	64	49	44	35	43	-1.12	0.41	8	9.7	-6.0	-4	10.4	10.7	2.1	8.8
21-0067H								67	54	35	49	44	43	36	51	29	50
H 210071		HOT 140005	114	89	102	101	75	112	90	100	89	102	92	93	76	79	86
4043040403			52	32	32	27	31	-1.02	0.31	-1	-3.0	-0.8	-14	-2.2	56.0	7.1	-2.9
21-0071H								56	36	27	32	32	30	28	34	22	36
H 210074		1636 (P) D5	99	106	86	89	107	100	92	110	106	86	88	102	105	116	103
4043040429		HOT 160289	61	52	51	44	53	-0.02	0.22	8	4.6	-5.4	-20	3.4	1.7	-2.5	11.5
21-0074H								61	61	44	52	51	49	40	63	36	60
H 210077	8	CTM 170038	107	96	83	120	113	106	93	82	96	83	86	99	114	111	105
4043040452		CTM 180125	59	44	41	35	37	-0.52	0.18	-15	0.3	-6.4	-25	1.5	-16.3	-1.3	12.9
21-0077H								62	46	35	44	41	40	32	38	26	46
H 210080	7	CSA 180063	117	111	87	99	108	111	105	101	111	87	97	110	104	114	109
4043040486		C 080419	62	55	53	39	53	-0.95	-0.28	1	7.0	-5.2	-3	7.7	2.9	-2.0	16.5
21-0080H								62	60	39	55	53	49	40	64	35	59
H 210082		C 080419	102	92	111	100	75	100	100	100	92	111	103	95	72	90	86
4043040502			39	38	39	27	33	-0.03	-0.10	0	-1.8	1.9	8	-1.0	63.2	4.4	-2.4
21-0082H								39	40	27	38	39	35	27	37	24	39
H 210083	7	CSA 180063	117	111	87	99	108	111	105	101	111	87	97	110	103	118	109
4043040510		C 080419	62	55	53	39	51	-0.97	-0.30	1	6.9	-5.2	-4	7.6	4.6	-2.9	16.5
21-0083H								62	60	39	55	53	49	40	64	32	58
H 210085		1636 (P) D5	108	104	85	81	111	109	83	120	104	85	82	104	108	124	103
4043040536		DO 060236	63	58	58	48	56	-0.75	0.59	16	3.9	-5.8	-31	4.2	-4.4	-4.5	11.5
21-0085H								63	61	48	58	58	55	44	65	38	64

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Animal			Selection Value					Birth		Growth					Fertility		
ID	Animal nr	Sire ID	Calving	Calf	Milk	Mainten.	Fertility	Birth	Birth	Mature	Wean	Wean	Cow-Calf	Post	Heifer	Cow	Long-
Name	% Inbr.	Dam ID	Ease Value	Growth Value	Value	Value	Value	direct	mat	weight	direct	mat	Ratio (Wean)	wean weight	Fertility	Fertility	evity
H 210089	7	CSA 180063	114	112	88	99	110	110	102	101	112	88	99	111	105	122	108
4043040577		C 080419	62	55	53	39	52	-0.82	-0.18	1	7.4	-4.8	1	8.3	0.8	-3.9	16.1
21-0089H			62	60				62	60	39	55	53	49	40	64	35	58
VOVA210155	1	VOVA180019	80	111	96	83	101	83	98	116	111	96	100	103	100	92	110
4042795270		VOVA170053	55	54	43	18	41	1.37	-0.02	13	7.0	-2.4	3	3.6	10.2	3.7	17.1
21-0155			56	51				56	51	18	54	43	38	44	48	20	54
VOVA210219	19	VOVA180030	97	112	102	96	103	99	89	103	112	102	112	114	106	92	103
4042795759		VOVA190138	57	61	46	30	41	0.07	0.35	2	7.5	-0.7	26	10.2	-0.1	3.7	12.0
21-0219			59	48				59	48	30	61	46	46	56	37	30	55
VOVA210328	2	VOVA180190	106	109	85	112	106	103	99	91	109	85	97	103	103	114	106
4042964686			43	50	48	31	41	-0.29	-0.06	-8	5.8	-5.6	-3	4.0	6.1	-1.9	13.8
21-0328			43	42				43	42	31	50	48	43	35	42	24	58
CSA 220047	1	CSA 190062	85	114	104	106	105	91	79	96	114	104	119	111	102	109	107
4042955213		CSA 180173	67	50	46	36	43	0.69	0.75	-4	8.3	0.0	39	8.2	6.6	-0.6	14.9
22-0047CSA			69	58				69	58	36	50	46	44	38	49	27	54
CTM 220021	6	CTM 170038	119	83	79	122	114	115	95	79	83	79	68	86	117	107	103
4042985533		CTM 170034	61	47	43	36	37	-1.24	0.12	-17	-5.8	-7.7	-57	-6.5	-21.1	-0.2	11.2
22-0021CTM			63	52				63	52	36	47	43	42	34	40	24	46
H 220001	2	CSA 160075	104	101	106	85	91	101	106	113	101	106	102	100	89	87	107
97199202		H 170012	58	47	44	33	45	-0.10	-0.32	11	2.4	0.6	6	2.0	30.9	5.1	15.3
H 220001			59	56				59	56	33	47	44	41	30	56	25	53
H 220004	9	TOP 180133	120	101	88	92	117	116	96	107	101	88	86	98	116	126	105
95398368		OW 180419	56	49	47	38	49	-1.35	0.08	5	2.3	-4.9	-24	0.9	-19.7	-4.9	13.2
H 220004			56	54				56	54	38	49	47	45	38	59	34	55
H 220013	1	CSA 180147	113	106	86	107	106	108	102	96	106	86	93	103	104	110	105
95398426		HOT 160289	54	44	45	36	44	-0.72	-0.17	-3	4.6	-5.4	-11	3.9	3.8	-0.9	13.6
H 220013			54	54				54	54	36	44	45	42	36	49	32	50
H 220014	1	CSA 180147	117	106	86	92	114	115	89	107	106	86	90	106	112	122	109
95399333		DO 060236	59	51	53	41	53	-1.25	0.36	5	4.6	-5.3	-17	5.5	-10.8	-3.9	16.6
H 220014			59	57				59	57	41	51	53	48	39	63	36	59
H 220023		VOVA180019	97	95	104	92	102	98	95	106	95	104	97	91	101	96	112
95398004		CSA 140022	64	58	51	31	51	0.18	0.10	4	-0.5	-0.1	-4	-3.6	9.0	2.6	18.8
H 220023			64	62				64	62	31	58	51	47	50	64	29	60
H 220025		VOVA180019	90	124	92	82	100	92	93	119	124	92	107	118	99	98	108
95398012		CSA 180052	62	65	48	35	48	0.62	0.21	15	12.8	-3.8	15	12.7	13.6	2.2	15.9
H 220025			62	60				62	60	35	65	48	49	46	61	27	56

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Animal			Selection Value					Birth		Growth					Fertility			
ID	Animal nr	Sire ID	Calving	Calf	Milk	Mainten.	Fertility	Cow Value	Birth	Birth	Mature	Wean	Wean	Cow-Calf	Post	Heifer	Cow	Long-
Name	% Inbr.	Dam ID	Ease Value	Growth Value	Value	Value	Value		direct	mat	weight	direct	mat	Ratio (Wean)	wean weight	Fertility	Fertility	evity
H 220029	95907325	VOVA180019	90	103	110	83	102	100	92	97	115	103	110	107	98	102	93	110
H 220029		WBT 160123	62	53	45	25	45	47	0.67	0.05	12	3.5	1.6	15	0.8	6.3	3.6	17.5
									62	60	25	53	45	41	44	59	23	54
H 220030	95398053	VOVA180019	98	94	104	92	103	96	98	96	106	94	104	96	90	102	97	111
H 220030		CSA 140022	64	58	51	31	51	51	0.15	0.07	4	-0.6	-0.1	-4	-3.7	7.4	2.5	18.0
									64	62	31	58	51	47	50	64	29	59
H 220032	95398061	VOVA180019	109	96	83	97	99	90	105	104	103	96	83	79	89	97	97	109
H 220032		H 170007	58	52	43	23	40	45	-0.43	-0.26	2	0.1	-6.2	-38	-4.3	16.2	2.6	16.5
									59	55	23	52	43	39	43	47	23	50
H 220034	95398079	VOVA180019	104	92	101	92	97	92	101	102	106	92	101	92	88	94	93	111
H 220034		CSA 140022	63	58	51	31	51	51	-0.14	-0.17	4	-1.5	-1.0	-13	-5.0	21.6	3.6	18.6
									64	61	31	58	51	47	50	64	29	60
H 220036	95398277	VOVA180019	101	98	97	91	96	92	101	95	107	98	97	92	92	95	96	106
H 220036		H 160011	58	50	39	23	43	44	-0.10	0.11	6	0.9	-2.2	-13	-2.5	21.3	2.8	14.1
									58	56	23	50	39	37	43	50	27	51
H 220037	95963419	VOVA180019	94	96	94	114	99	89	95	94	88	96	94	95	91	103	82	104
H 220037		CSA 180044	67	51	42	26	48	47	0.39	0.16	-10	0.2	-3.0	-7	-3.6	5.8	6.3	12.7
									69	60	26	51	42	40	43	62	29	54
H 220039	95398285	VOVA180019	106	98	102	87	102	102	102	106	111	98	102	96	94	102	91	112
H 220039		H 150015	61	53	44	28	47	47	-0.22	-0.32	9	1.1	-0.8	-6	-1.7	7.9	4.1	19.1
									61	60	28	53	44	42	44	62	26	54
H 220041	95397972	VOVA180019	98	102	94	87	94	89	98	96	112	102	94	91	98	92	87	109
H 220041		BV 170037	61	55	44	26	47	48	0.15	0.08	9	2.6	-3.1	-14	1.0	25.4	5.1	16.8
									62	59	26	55	44	42	46	59	27	55
H 220046	95398319	2 CSA 150066	121	86	100	118	96	103	115	104	83	86	100	93	83	91	104	110
H 220046		CSA 140022	63	59	58	44	54	54	-1.28	-0.23	-14	-4.3	-1.4	-11	-7.8	28.7	0.7	17.6
									64	61	44	59	58	54	46	66	33	62
H 220057	95398103	2 CSA 150066	117	88	102	117	101	105	113	99	83	88	102	97	85	97	107	107
H 220057		CSA 140022	60	59	58	44	50	53	-1.07	-0.05	-14	-3.6	-0.8	-4	-6.9	17.1	-0.2	15.2
									61	58	44	59	58	54	46	58	33	60
H 220061	95399325	VOVA180019	95	115	95	76	91	95	94	102	126	115	95	99	105	87	88	114
H 220061		H 190019	60	61	42	25	43	49	0.47	-0.18	21	8.6	-2.7	0	5.2	35.8	4.9	21.1
									60	59	25	61	42	43	40	55	21	53
H 220064	95398152	2 VOVA180019	88	108	97	90	98	92	90	98	108	108	97	101	99	100	86	106
H 220064		HOT 160263	60	63	44	22	44	50	0.83	0.00	6	5.5	-2.2	4	1.4	10.7	5.3	14.0
									60	59	22	63	44	43	42	56	22	53

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Animal			Selection Value					Birth		Growth					Fertility			
ID	Animal nr	Sire ID	Calving Ease Value	Calf Growth Value	Milk Value	Mainten. Value	Fertility Value	Cow Value	Birth direct	Birth mat	Mature weight	Wean direct	Wean mat	Cow-Calf Ratio (Wean)	Post wean weight	Heifer Fertility	Cow Fertility	Longevity
H 220069	95398228	VOVA180019 HOT 160243	98 62	99 55	100 46	90 29	104 49	98 49	101 -0.07	86 0.48	108 7	99 1.5	100 -1.3	96 -5	96 -0.2	104 3.6	100 1.7	107 15.2
H 220069									62	60	29	55	46	43	46	63	29	56
H 220071	95398236	VOVA180019 H 150019	94 60	103 51	97 40	91 24	99 47	93 46	96 0.29	88 0.39	107 6	103 3.4	97 -2.2	97 -3	97 0.2	98 15.0	97 2.5	106 13.9
H 220071									60	58	24	51	40	38	43	61	27	54
H 220073	95398251	VOVA180019 WBT 170056	106 61	98 53	107 45	80 26	101 47	103 47	104 -0.37	96 0.07	119 15	98 0.9	107 0.8	97 -3	107 6.3	100 11.2	97 2.4	110 17.6
H 220073									61	60	26	53	45	41	42	61	24	55
H 220076	95398269	2 CSA 150066 CSA 140022	123 63	86 59	99 58	118 44	103 53	108 54	116 -1.37	106 -0.31	83 -14	86 -4.6	99 -1.6	91 -14	83 -8.2	99 12.0	109 -0.6	110 17.1
H 220076									64	61	44	59	58	54	46	66	33	61
H 220079	95635686	VOVA180019 H 190015	105 60	103 50	90 38	90 22	99 46	96 45	103 -0.31	96 0.08	109 7	103 3.3	90 -4.2	90 -17	94 -1.5	99 13.2	87 5.0	111 18.2
H 220079									61	58	22	50	38	37	40	60	25	52
H 220080	96258090	VOVA180019 H 190031	100 58	110 52	84 43	85 27	100 47	95 46	98 0.13	103 -0.20	115 12	110 6.5	84 -5.9	89 -19	101 2.8	98 14.8	95 3.0	111 17.8
H220080									58	56	27	52	43	41	44	61	27	53
H 220081	95635694	VOVA180019 H 200005	93 60	110 50	94 39	84 22	84 47	85 45	95 0.41	94 0.15	116 12	110 6.3	94 -3.0	97 -2	101 2.5	77 55.4	86 5.3	114 20.6
H 220081									61	58	22	50	39	37	41	61	26	53
H 220085	95635868	VOVA180019 H 180019	87 67	117 53	98 39	78 21	100 46	100 47	92 0.64	85 0.50	124 19	117 9.8	98 -1.8	105 12	108 6.7	97 16.3	97 2.4	112 19.4
H 220085									69	61	21	53	39	38	42	61	24	52
H 220087	95635884	VOVA180019 OW 180419	98 67	113 53	95 44	80 29	102 49	103 49	99 0.04	90 0.30	121 17	113 7.9	95 -2.8	99 1	107 5.9	99 12.4	106 0.1	108 15.6
H 220087									69	60	29	53	44	42	44	63	28	55
H 220089	95635819	VOVA180019 H 170001	108 67	95 53	91 43	99 24	100 47	95 48	106 -0.53	96 0.06	101 0	95 -0.2	91 -4.0	86 -24	88 -5.1	100 10.6	95 2.9	106 13.7
H 220089									69	59	24	53	43	40	43	61	27	54
H 220091	95635900	VOVA180019 H 150023	98 68	101 53	104 45	87 29	100 48	99 49	98 0.18	99 -0.05	111 9	101 2.4	104 -0.1	101 4	97 0.0	100 11.5	89 4.6	112 18.7
H 220091									69	62	29	53	45	42	45	62	27	55
H 220095	95635736	1 CSA 180063 CSA 180065	115 66	112 50	80 47	109 36	105 47	112 48	110 -0.87	104 -0.23	95 -5	112 7.5	80 -7.3	93 -10	104 4.2	104 3.9	102 1.2	109 16.6
H 220095									68	59	36	50	47	44	36	62	27	53

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Animal			Selection Value					Birth		Growth					Fertility		
ID	Animal nr	Sire ID	Calving	Calf	Milk	Mainten.	Fertility	Cow	Birth	Mature	Wean	Wean	Cow-Calf	Post	Heifer	Cow	Long-
Name	% Inbr.	Dam ID	Ease Value	Growth Value	Value	Value	Value	Value	direct	weight	direct	mat	Ratio (Wean)	wean weight	Fertility	Fertility	evity
H 220097		+SHK931636	107	102	101	121	101	110	108	78	102	101	113	99	101	101	100
95635744		OW 160094	45	34	35	30	43	35	-0.65	-19	2.7	-0.8	27	1.3	8.8	1.3	9.1
H 220097									44	30	34	35	33	28	54	28	46
H 220105	1	CSA 180063	115	108	89	99	100	109	114	101	108	89	96	107	101	89	106
95636072		HOT 190680	65	48	44	34	47	47	-1.22	0	5.7	-4.6	-4	6.2	8.7	4.4	14.4
H 220105									67	34	48	44	42	36	61	28	52
H 220107	1	CSA 180063	116	109	80	89	104	106	118	110	109	80	85	107	102	106	106
95635611		HOT 190685	65	48	44	36	46	47	-1.55	8	5.9	-7.2	-26	6.3	7.6	0.2	14.4
H 220107									67	36	48	44	43	36	60	27	51
H 220108	1	CSA 180063	114	103	93	104	110	114	114	98	103	93	96	103	112	107	102
95635991		H 200013	63	48	44	34	42	45	-1.14	-2	3.2	-3.4	-5	3.7	-12.3	-0.1	10.8
H 220108									66	34	48	44	42	36	50	28	49
H 220109	1	CSA 150066	109	107	98	110	102	113	108	91	107	98	108	101	98	109	110
95636007		C 130019	67	52	49	40	49	50	-0.66	-7	4.9	-1.8	18	2.8	14.8	-0.6	17.2
H 220109									69	40	52	49	47	38	62	28	56
H 220117	1	CSA 180063	111	109	90	110	101	110	109	93	109	90	102	105	100	97	110
96084736		H 130007	67	50	47	35	48	48	-0.73	-6	6.0	-4.2	6	4.9	11.2	2.6	17.5
H 220117									69	35	50	47	44	36	62	29	54
H 220122		VOVA180019	91	109	93	90	103	96	94	108	109	93	99	101	102	94	113
95635561		HOT 160246	62	55	47	34	50	49	0.47	6	6.2	-3.2	1	2.5	7.0	3.2	19.6
H 220122									62	34	55	47	45	47	64	31	56
H 220126		VOVA180019	93	108	92	90	103	97	96	108	108	92	97	100	102	94	113
95909206		HOT 160246	62	55	47	34	50	49	0.34	6	5.8	-3.6	-3	1.9	7.6	3.3	19.6
H 220126									62	34	55	47	45	47	64	31	56
VOVA220426		TOP 170210	66	106	122	101	94	90	75	98	106	122	128	105	89	85	122
4043086463			59	55	53	28	47	49	2.07	-2	4.6	5.2	56	4.7	31.5	5.7	27.8
22-0426									59	28	55	53	45	50	51	30	60
VOVA220473		VOVA180019	80	108	110	84	96	92	84	115	108	110	111	105	92	87	121
4043087040		TOP 170210	62	55	48	26	45	48	1.32	12	5.7	1.6	24	5.1	26.3	5.1	26.1
22-0473									62	26	55	48	43	47	53	24	57
H 230004	3	CSA 180063	105	115	89	106	107	113	108	97	115	89	104	110	107	102	111
95729265		HOT 160246	60	52	50	42	51	49	-0.65	-3	8.8	-4.7	11	7.7	-1.3	1.3	18.3
H 230004									61	42	52	50	48	41	64	33	56
H 230005	1	CSA 180063	114	100	79	109	105	100	123	95	100	79	81	96	103	103	110
95729273		H 140005	60	51	46	34	47	47	-1.90	-4	2.1	-7.5	-33	-0.1	5.7	0.8	17.7
H 230005									61	34	51	46	44	36	60	27	54

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Animal			Selection Value					Birth		Growth					Fertility		
ID	Animal nr	Sire ID	Calving	Calf	Milk	Mainten.	Fertility	Cow	Birth	Mature	Wean	Wean	Cow-Calf	Post	Heifer	Cow	Long-
Name	% Inbr.	Dam ID	Ease Value	Growth Value	Value	Value	Value	Value	direct	weight	direct	mat	Ratio (Wean)	wean weight	Fertility	Fertility	evity
H 230016	3	CSA 150066	116	102	91	110	96	105	112	93	102	91	95	94	91	104	110
97973168		H 180027	59	51	47	39	43	47	-1.04	-6	2.6	-3.9	-6	-1.6	28.3	0.8	17.6
MAXLENGTH=20									59	39	51	47	46	34	49	26	54
H 230019	1	CSA 180063	119	109	93	104	101	116	119	98	109	93	102	107	96	102	114
95721429		CSA 200113	58	48	44	37	43	45	-1.56	-2	6.1	-3.3	7	5.9	19.0	1.1	20.9
H 230019									59	37	48	44	43	36	49	28	51
H 230023	7	CSA 180063	111	102	96	106	100	107	109	92	102	96	100	99	99	95	109
95721460		VOVA180153	54	50	45	32	42	44	-0.76	-4	2.8	-2.3	2	1.2	13.2	3.0	16.2
H 230023									55	32	50	45	42	40	48	27	50
H 230031	15	HS 190107	113	85	118	120	108	116	111	90	78	85	118	89	105	114	109
95721528		WBT 200078	62	50	45	38	43	47	-0.96	-18	-4.8	4.2	29	-4.3	0.8	-2.1	16.4
H 230031									65	38	50	45	44	42	45	35	49
H 230034	3	CSA 180063	118	110	87	97	98	110	115	92	102	110	87	96	100	93	101
96816814		H 200047	62	47	42	33	42	44	-1.23	2	6.7	-5.2	-5	5.1	10.7	3.6	9.7
H 230034									65	33	47	42	41	34	50	28	48
H 230036	2	CSA 150066	114	95	98	114	98	104	110	101	87	95	98	92	94	104	107
96816756		H 200029	58	53	50	42	45	48	-0.84	-11	-0.2	-1.9	-1	-2.7	22.8	0.7	15.1
23 036									59	42	53	50	48	40	52	30	52
H 230037		VOVA180019	103	101	91	91	103	96	100	106	108	101	91	89	100	107	109
95973533		H 170003	59	54	44	25	44	47	0.00	6	2.6	-4.1	-18	-0.1	12.0	-0.1	16.2
H 230037									59	25	54	44	41	44	52	28	52
H 230039	2	H 180011	104	104	89	90	102	97	102	99	109	104	89	89	99	98	114
96060470		VOVA210155	45	42	31	18	29	35	-0.19	7	3.7	-4.6	-18	-1.0	13.3	2.1	20.4
H 230039									47	18	42	31	30	29	31	16	41
H 230040	2	H 180011	104	104	89	90	102	97	102	99	109	104	89	89	99	98	114
96061890		VOVA210155	45	42	31	18	29	35	-0.19	7	3.7	-4.6	-18	-1.0	13.3	2.1	20.4
H 230040									47	18	42	31	30	29	31	16	41
H 230041	1	VOVA180019	97	112	91	80	95	95	99	90	121	112	91	95	95	91	102
95973558		HOT 170355	66	52	41	26	43	47	0.06	17	7.5	-3.8	-7	5.7	20.1	4.1	10.7
H 230041									68	52	52	41	40	43	51	26	51
H 230047	1	VOVA180019	80	116	100	81	101	96	85	90	118	116	100	108	100	98	107
95973566		WBT 190095	66	50	40	24	39	45	1.21	15	9.2	-1.1	18	7.3	10.9	2.2	14.7
H 230047									68	24	50	40	38	42	46	22	50
H 230056		HOT 130092	116	81	117	97	70	85	112	98	101	81	117	98	69	80	87
96060496			54	35	37	29	28	35	-1.03	0	-6.8	3.7	-1	-6.0	70.3	6.9	-1.9
H 230056									57	29	35	37	34	26	31	18	36

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ID	Animal nr	Sire ID	Calving	Calf	Milk	Mainten.	Fertility	Cow Value	Birth	Birth	Mature	Wean	Wean	Cow-Calf	Post	Heifer	Cow	Long-
Name	% Inbr.	Dam ID	Ease Value	Growth Value	Value	Value	Value		direct	mat	weight	direct	mat	Ratio (Wean)	wean weight	Fertility	Fertility	evity
H 230060	7	CSA 160075	110	89	106	101	98	99	107	99	99	89	106	96	90	101	92	98
6020320260		H 170006	65	49	46	36	39	46	-0.60	-0.05	-1	-3.2	0.6	-5	-3.8	9.8	3.7	7.6
H 230060									67	56	36	49	46	44	34	42	26	50
H 230066		CSA 150066	118	88	94	118	97	98	113	99	83	88	94	88	83	95	99	106
96816822		GRB 170141	63	53	51	37	41	48	-1.12	-0.06	-14	-3.6	-3.1	-19	-7.8	21.4	1.9	13.9
H 230066									65	54	37	53	51	47	40	47	24	52
H 230069	8	CSA 150066	116	102	98	107	97	110	111	102	95	102	98	102	96	95	103	104
97193189		H 200038	57	51	47	39	44	46	-0.96	-0.15	-4	2.8	-2.0	5	-0.1	21.3	0.9	12.2
H 230069									58	52	39	51	47	46	36	53	28	51
H 230070	1	CSA 150066	118	93	105	109	99	110	117	87	92	93	105	102	101	99	101	100
97236277		CSA 190008	58	54	53	43	46	49	-1.42	0.45	-6	-1.1	0.3	6	2.7	13.6	1.5	9.2
H 230070									59	56	43	54	53	50	39	55	29	55
H 230076		VOVA180019	95	114	93	86	101	101	99	81	114	114	93	101	106	100	94	114
96816806		H 200041	65	62	45	30	43	51	0.09	0.68	11	8.3	-3.3	5	5.6	11.8	3.2	20.4
H 230076									67	56	30	62	45	46	46	50	28	52
H 230081	2	CSA 150066	110	85	88	126	99	89	126	97	72	85	88	83	76	95	102	111
96061924		CSA 180065	66	64	53	43	46	54	-2.15	0.02	-23	-4.9	-4.8	-29	-12.2	20.2	1.1	18.4
H 230081									68	58	43	64	53	53	38	55	28	55
H 230084	4	CSA 180063	99	101	87	89	101	90	134	95	110	101	87	84	105	100	104	103
96084165		H 200039	62	47	42	32	42	44	-2.85	0.10	8	2.4	-5.1	-27	4.8	11.5	0.5	11.4
H 230084									65	51	32	47	42	40	33	50	27	48
H 230085	4	CSA 180063	116	106	85	108	103	109	119	88	95	106	85	93	102	101	100	110
96816202		H 200006	56	58	44	36	40	48	-1.57	0.39	-4	4.6	-5.6	-11	3.1	9.6	1.8	17.7
23 085									57	51	36	58	44	46	32	46	25	49
H 230089		VOVA180019	96	97	105	90	93	91	96	100	108	97	105	99	91	94	80	107
98712730		C 100456	60	54	44	23	43	46	0.34	-0.09	6	0.5	0.3	1	-3.5	22.0	6.9	14.8
H 230089									60	58	23	54	44	40	41	51	24	54
H 230091		VOVA180019	108	92	102	87	98	97	106	96	111	92	102	91	86	97	90	110
99161879		HOT 130096	60	56	49	35	45	49	-0.55	0.07	9	-1.5	-0.5	-15	-6.1	15.9	4.4	17.5
H 230091									61	58	35	56	49	47	48	52	28	55
H 230092		VOVA180019	108	92	102	87	98	97	106	96	111	92	102	91	86	97	90	110
99161846		HOT 130096	60	56	49	35	45	49	-0.55	0.07	9	-1.5	-0.5	-15	-6.1	15.9	4.4	17.5
H 230092									61	58	35	56	49	47	48	52	28	55
H 230099		VOVA180019	96	97	105	90	93	91	96	100	108	97	105	99	91	94	80	107
99161473		C 100456	60	54	44	23	43	46	0.34	-0.09	6	0.5	0.3	1	-3.5	22.0	6.9	14.8
H 230099									60	58	23	54	44	40	41	51	24	54

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ID	Animal nr	Sire ID	Calving	Calf	Milk	Mainten.	Fertility	Cow Value	Birth	Birth	Mature	Wean	Wean	Cow-Calf	Post	Heifer	Cow	Long-
Name	% Inbr.	Dam ID	Ease Value	Growth Value	Value	Value	Value		direct	mat	weight	direct	mat	Ratio (Wean)	wean weight	Fertility	Fertility	evity
H 230101	99161937	VOVA180019	94	102	108	83	100	99	94	100	115	102	108	104	97	100	91	108
H 230101		WBT 160123	59	53	45	25	41	46	0.50	-0.09	12	3.0	1.2	10	0.1	11.0	4.0	16.1
									60	56	25	53	45	41	44	48	23	52
H 230103	99161903	VOVA180019	108	92	102	87	98	97	106	96	111	92	102	91	86	97	90	110
H 230103		HOT 130096	60	56	49	35	45	49	-0.55	0.07	9	-1.5	-0.5	-15	-6.1	15.9	4.4	17.5
									61	58	35	56	49	47	48	52	28	55
H 230105	99161945	VOVA180019	94	102	108	83	100	99	94	100	115	102	108	104	97	100	91	108
H 230105		WBT 160123	59	53	45	25	41	46	0.50	-0.09	12	3.0	1.2	10	0.1	11.0	4.0	16.1
									60	56	25	53	45	41	44	48	23	52
H 230107	96815766	VOVA180019	96	97	105	90	93	91	96	100	108	97	105	99	91	94	80	107
H 230107		C 100456	60	54	44	23	43	46	0.34	-0.09	6	0.5	0.3	1	-3.5	22.0	6.9	14.8
									60	58	23	54	44	40	41	51	24	54
H 230108	96815816	CSA 150066	107	93	91	123	98	95	104	105	76	93	91	94	88	96	98	109
H 230108		GRB 180050	56	66	55	45	43	53	-0.32	-0.27	-20	-1.0	-4.0	-9	-5.2	19.1	2.3	16.2
									57	54	45	66	55	55	41	49	26	54
H 230113	96815832	VOVA180019	108	97	87	92	99	92	105	100	106	97	87	82	90	97	95	111
H 230113		H 140005	59	53	44	24	41	46	-0.45	-0.08	5	0.7	-5.1	-31	-3.9	16.1	2.9	18.2
									60	56	24	53	44	40	44	48	23	52
H 230118	96815865	CSA 180063	109	123	91	87	107	121	106	101	112	123	91	108	119	104	109	111
H 230118		H 160008	56	60	48	34	42	49	-0.48	-0.14	10	12.4	-4.0	17	13.4	3.4	-0.7	17.9
									57	52	34	60	48	47	36	49	26	51
H 230121	96810460	CSA 180063	113	103	90	99	101	104	109	99	101	103	90	92	101	102	95	105
H 230121		BV 170034	55	62	46	31	40	49	-0.77	-0.06	0	3.2	-4.4	-13	2.3	7.2	3.0	13.0
									56	52	31	62	46	46	37	44	25	50
H 230123	96815824	CSA 180063	114	108	89	110	101	110	111	95	93	108	89	99	103	100	97	108
H 230123		H 130007	58	50	47	35	44	46	-0.95	0.12	-6	5.4	-4.5	1	4.0	11.4	2.6	15.9
									59	55	35	50	47	44	36	52	29	52
H 230124	98494826	CSA 150066	117	101	93	110	93	104	112	102	92	101	93	97	94	90	101	98
H 230124		H 200020	57	51	46	39	42	46	-0.99	-0.16	-7	2.4	-3.4	-4	-1.3	29.2	1.4	7.5
									58	53	39	51	46	45	36	49	26	51
H 230127	97199228	CSA 180063	122	112	86	94	100	114	117	102	106	112	86	95	108	98	102	103
H 230127		H 200031	55	47	41	32	42	43	-1.43	-0.15	4	7.2	-5.5	-7	6.4	14.2	1.1	11.2
									56	50	32	47	41	40	34	50	28	48
H 230128	99161960	VOVA180019	88	107	105	85	93	93	91	90	114	107	105	107	100	95	84	102
H 230128		HOT 170346	56	51	40	23	42	44	0.70	0.29	11	5.2	0.4	15	2.1	20.9	5.9	10.8
									57	54	23	51	40	38	43	50	24	51

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ID	Animal nr	Sire ID	Calving	Calf	Milk	Mainten.	Fertility	Birth	Birth	Mature	Wean	Wean	Cow-Calf	Post	Heifer	Cow	Long-
Name	% Inbr.	Dam ID	Ease Value	Growth Value	Value	Value	Value	direct	mat	weight	direct	mat	Ratio (Wean)	wean weight	Fertility	Fertility	evity
H 230132		VOVA180019	85	97	110	102	91	88	95	99	97	110	107	91	91	83	105
6020185374		GRB 140035	55	56	48	20	39	0.96	0.12	-1	0.4	1.7	16	-3.1	27.8	6.1	13.0
H 230132								55	54	20	56	48	41	50	43	21	52
H 230141	2	VOVA180019	95	108	100	85	94	95	97	114	108	100	102	99	92	95	106
6020185382		CSA 180081	57	51	40	25	41	0.38	0.03	11	5.4	-1.1	7	1.6	26.8	3.0	13.7
H 230141								57	55	25	51	40	39	42	50	22	51
H 230146	7	CSA 180063	110	98	100	93	105	124	89	105	98	100	97	111	103	103	110
97193197		WBT 170056	64	62	48	35	43	-1.99	0.34	4	1.1	-1.2	-4	8.6	6.1	0.8	17.7
H 230146								66	54	35	62	48	48	35	50	27	53
H 230152	2	VOVA180019	95	108	100	85	94	95	97	114	108	100	102	99	92	95	106
6020185390		CSA 180081	57	51	40	25	41	0.38	0.03	11	5.4	-1.1	7	1.6	26.8	3.0	13.7
H 230152								57	55	25	51	40	39	42	50	22	51
H 230155		VOVA180019	85	97	110	102	91	88	95	99	97	110	107	91	91	83	105
6020185408		GRB 140035	55	56	48	20	39	0.96	0.12	-1	0.4	1.7	16	-3.1	27.8	6.1	13.0
H 230155								55	54	20	56	48	41	50	43	21	52
H 230156		VOVA180019	85	97	110	102	91	88	95	99	97	110	107	91	91	83	105
6020185424		GRB 140035	55	56	48	20	39	0.96	0.12	-1	0.4	1.7	16	-3.1	27.8	6.1	13.0
H 230156								55	54	20	56	48	41	50	43	21	52
H 230157		VOVA180019	85	97	110	102	91	88	95	99	97	110	107	91	91	83	105
6020185416		GRB 140035	55	56	48	20	39	0.96	0.12	-1	0.4	1.7	16	-3.1	27.8	6.1	13.0
H 230157								55	54	20	56	48	41	50	43	21	52
H 230159		VOVA180019	85	97	110	102	91	88	95	99	97	110	107	91	91	83	105
6020200132		GRB 140035	55	56	48	20	39	0.96	0.12	-1	0.4	1.7	16	-3.1	27.8	6.1	13.0
H 230159								55	54	20	56	48	41	50	43	21	52
TOP 230160	7	TOP 190155	125	97	77	105	113	115	128	98	97	77	74	97	111	102	120
96608609		C 090032	64	58	57	51	54	-1.29	-1.21	-2	0.6	-8.2	-46	0.3	-9.4	1.1	26.1
TOP 230160								64	62	51	58	57	55	52	67	35	60
VOVA230032	4	CSA 180199	106	102	103	112	104	105	93	89	102	103	110	101	99	101	120
96499447		VOVA210115	56	51	47	37	45	-0.45	0.18	-9	2.9	-0.3	21	2.4	13.0	1.4	25.8
230032								57	54	37	51	47	45	44	46	32	56
H 240002		VOVA180019	100	108	88	87	103	100	97	112	108	88	91	104	103	100	107
6020306236		HOT 140005	58	54	45	31	45	-0.01	0.05	10	5.7	-4.8	-14	4.6	6.1	1.8	15.2
H 240002								58	56	31	54	45	43	47	53	29	54
H 240006		VOVA180019	93	109	96	86	103	92	105	113	109	96	99	104	99	110	108
6020185432		C 080419	61	58	50	31	47	0.62	-0.30	10	5.9	-2.4	2	4.5	13.3	-0.9	15.7
H 240006								61	59	31	58	50	46	47	55	30	56

Breeding Values and Accuracies: Cows

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Animal			Selection Value					Birth		Growth					Fertility		
ID	Animal nr	Sire ID	Calving	Calf	Milk	Mainten.	Fertility	Cow	Birth	Mature	Wean	Wean	Cow-Calf	Post	Heifer	Cow	Long-
Name	% Inbr.	Dam ID	Ease Value	Growth Value	Value	Value	Value	Value	direct	weight	direct	mat	Ratio (Wean)	wean weight	Fertility	Fertility	evity
H 240016	3	CSA 150066	116	102	91	110	96	105	112	93	102	91	96	94	91	104	109
6020240294		H 180027	55	51	47	39	42	46	-1.01	-6	2.7	-3.8	-5	-1.5	28.3	0.8	16.2
H 240016									56	39	51	47	46	34	49	26	52
H 240018	6	CSA 160075	112	88	106	104	105	105	109	97	88	106	96	94	109	96	100
97274591		CSA 200030	57	49	46	37	39	45	-0.78	-2	-3.6	0.7	-5	-1.8	-5.6	2.9	9.5
H 240018									58	37	49	46	44	35	42	26	49
H 240023		VOVA180019	85	97	110	102	91	86	88	99	97	110	107	91	91	83	105
6020750151		GRB 140035	55	56	48	20	39	46	0.96	-1	0.4	1.7	16	-3.1	27.8	6.1	13.0
H 240023									55	20	56	48	41	50	43	21	52
H 240024	1	CSA 150066	115	99	100	108	97	108	113	94	99	100	101	92	95	102	101
97324628		H 200056	54	51	48	40	43	46	-1.07	-5	1.6	-1.3	5	-2.6	19.8	1.2	10.2
H 240024									55	40	51	48	46	36	49	27	52
H 240026	1	CSA 160075	104	103	103	82	100	104	104	91	103	103	100	106	101	102	95
97273833		HOT 170358	56	49	47	37	41	45	-0.36	13	3.5	-0.3	2	5.2	8.6	1.1	4.9
H 240026									57	37	49	47	44	34	45	26	52
H 240027	3	CSA 160075	108	99	104	88	106	109	104	104	99	104	99	100	107	113	98
6020495757		H 200033	55	48	44	34	39	43	-0.36	8	1.6	-0.1	1	2.0	-1.7	-1.7	7.1
H 240027									56	34	48	44	42	32	43	25	48
H 240029	2	CSA 160075	113	90	105	94	104	105	108	105	90	105	94	91	104	105	100
97273817		H 160005	57	51	48	35	38	45	-0.70	3	-2.6	0.3	-8	-3.4	2.7	0.4	8.9
H 240029									57	35	51	48	45	34	40	25	50
H 240030	2	CSA 160075	97	101	107	86	107	104	95	106	101	107	103	102	107	105	105
97273825		VOVA180190	51	52	45	33	37	44	0.40	9	2.5	0.8	9	3.0	-2.9	0.3	13.2
H 240030									52	33	52	45	43	34	39	22	50
H 240031	3	CSA 160075	108	99	99	91	108	108	105	100	99	99	96	103	110	108	101
97201396		HOT 140005	56	52	50	40	43	47	-0.44	5	1.7	-1.4	-4	4.0	-7.2	-0.4	9.9
H 240031									57	40	52	50	47	40	46	30	53
H 240032	5	CSA 160075	103	102	109	89	106	111	101	100	102	109	108	104	107	105	103
97273841		C 130019	57	49	46	36	39	44	-0.13	7	3.0	1.4	17	4.2	-1.9	0.5	11.9
H 240032									57	36	49	46	44	35	42	25	50
H 240033	6	CSA 160075	102	96	112	92	109	109	100	99	96	112	106	97	109	108	104
99892416		H 200015	53	47	45	35	38	43	-0.05	4	0.3	2.3	14	0.4	-6.9	-0.4	12.1
H 240033									54	35	47	45	42	34	42	25	48
H 240034	1	CSA 160075	110	92	104	94	104	103	107	98	92	104	95	91	105	102	101
98308539		C 100250	58	53	50	36	41	47	-0.62	3	-1.7	-0.1	-8	-3.2	2.2	1.3	10.2
H 240034									58	36	53	50	46	35	44	26	54

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Animal			Selection Value					Birth		Growth					Fertility		
ID	Animal nr	Sire ID	Calving	Calf	Milk	Mainten.	Fertility	Birth	Birth	Mature	Wean	Wean	Cow-Calf	Post	Heifer	Cow	Long-
Name	% Inbr.	Dam ID	Ease Value	Growth Value	Value	Value	Value	direct	mat	weight	direct	mat	Ratio (Wean)	wean weight	Fertility	Fertility	evity
H 240045		VOVA180019	92	110	99	85	97	94	91	114	110	99	103	106	98	87	106
97702245		VOVA210219	55	53	39	21	38	0.44	0.25	11	6.5	-1.5	8	5.4	14.3	5.2	13.8
H 240045								56	50	21	53	39	38	47	44	23	48
H 240047		VOVA180019	110	98	89	91	103	106	104	108	98	89	85	93	100	107	109
97702237		H 170003	65	54	44	25	44	-0.51	-0.23	6	1.1	-4.5	-26	-1.9	12.0	-0.1	16.2
H 240047								67	58	25	54	44	41	44	52	28	52
H 240048		VOVA180019	108	92	102	87	98	106	96	111	92	102	91	86	97	90	110
6020270044		HOT 130096	60	56	49	35	45	-0.55	0.07	9	-1.5	-0.5	-15	-6.1	15.9	4.4	17.5
H 240048								61	58	35	56	49	47	48	52	28	55
H 240050		VOVA180019	100	94	103	92	101	99	98	106	94	103	95	90	100	96	109
98280829		CSA 140022	61	58	51	31	47	0.07	0.00	4	-0.8	-0.4	-7	-4.1	11.2	2.8	16.8
H 240050								62	58	31	58	51	47	50	55	29	57
H 240053	2	CSA 150066	109	103	95	111	94	106	99	91	103	95	101	97	87	105	110
97853634		H 190024	65	50	46	39	43	-0.53	-0.05	-7	3.2	-2.8	4	0.1	35.8	0.4	17.6
H 240053								67	55	39	50	46	45	34	51	28	51
H 240054		VOVA180019	85	97	110	102	91	88	95	99	97	110	107	91	91	83	105
98281009		GRB 140035	55	56	48	20	39	0.96	0.12	-1	0.4	1.7	16	-3.1	27.8	6.1	13.0
H 240054								55	54	20	56	48	41	50	43	21	52
H 240056		VOVA180019	102	99	106	83	99	104	85	115	99	106	99	106	102	89	102
97853642		CSA 190008	65	53	46	28	43	-0.34	0.51	12	1.4	0.7	1	5.3	7.8	4.6	10.7
H 240056								67	57	28	53	46	42	44	52	26	52
H 240060	3	CSA 150066	117	94	102	113	97	113	100	88	94	102	102	91	94	99	109
97853808		H 150023	59	54	53	43	47	-1.06	-0.10	-10	-0.6	-0.6	6	-3.2	22.4	2.0	16.2
H 240060								59	58	43	54	53	50	40	55	31	54
H 240061		OW 130393	114	78	105	111	74	119	83	90	78	105	88	80	75	73	90
98280951			40	34	36	30	35	-1.60	0.59	-8	-8.0	0.2	-21	-9.7	58.1	8.6	0.5
H 240061								40	40	30	34	36	33	28	38	28	39
H 240063	1	CSA 150066	100	114	97	99	97	100	94	101	114	97	110	106	91	107	110
97853550		H 180019	66	54	48	38	44	-0.01	0.17	0	8.3	-2.2	21	5.3	27.6	-0.2	17.1
H 240063								68	57	38	54	48	47	36	52	28	52
H 240068	2	CSA 150066	109	94	97	105	100	125	88	97	94	97	93	89	97	105	106
97853618		H 210047	64	52	49	41	45	-2.09	0.38	-2	-0.7	-2.1	-12	-4.4	16.9	0.3	13.9
H 240068								66	55	41	52	49	47	37	54	30	52
H 240072		VOVA180019	102	110	92	86	99	101	99	113	110	92	96	104	97	98	108
97853543		H 210080	56	52	41	25	42	-0.07	-0.07	11	6.3	-3.7	-6	4.2	15.8	2.3	16.1
H 240072								57	53	25	52	41	39	43	52	25	49

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Animal			Selection Value					Birth		Growth					Fertility		
ID	Animal nr	Sire ID	Calving	Calf	Milk	Mainten.	Fertility	Birth	Birth	Mature	Wean	Wean	Cow-Calf	Post	Heifer	Cow	Long-
Name	% Inbr.	Dam ID	Ease Value	Growth Value	Value	Value	Value	direct	mat	weight	direct	mat	Ratio (Wean)	wean weight	Fertility	Fertility	evity
H 240076		VOVA180019	113	100	98	80	100	112	87	120	100	98	91	94	100	94	108
99951717		H 210046	64	50	41	26	42	-0.99	0.42	16	1.9	-1.8	-15	-1.8	11.0	3.3	15.4
H 240076								66	55	26	50	41	39	43	51	26	50
H 240078	1	VOVA180019	98	105	100	79	96	99	91	121	105	100	96	100	97	91	104
97855167		H 210054	64	50	39	24	41	0.03	0.27	17	4.0	-1.4	-5	2.3	17.5	4.0	12.2
H 240078								66	55	24	50	39	38	42	50	24	49
H 240081		VOVA180019	104	103	94	91	92	103	92	107	103	94	94	94	91	88	105
97855183		H 210018	65	51	39	25	39	-0.31	0.23	6	3.1	-2.9	-9	-1.5	28.7	4.8	13.6
H 240081								67	55	25	51	39	38	42	47	22	48
H 240083		CSA 150066	120	103	93	110	95	116	94	93	103	93	98	96	92	99	107
98220254		H 210063	65	52	48	39	44	-1.36	0.16	-6	3.1	-3.3	0	-0.5	26.2	2.0	14.8
H 240083								67	55	39	52	48	46	36	53	27	51
H 240084	1	VOVA180019	112	95	90	96	102	111	88	103	95	90	85	90	102	94	111
98280969		OW 130393	62	55	48	33	48	-0.95	0.39	2	-0.2	-4.2	-27	-4.2	8.1	3.3	18.6
H 240084								62	60	33	55	48	45	48	56	33	55
H 240091		VOVA180019	103	107	96	86	96	104	88	113	107	96	97	97	93	96	110
97855241		H 210027	65	52	40	25	41	-0.35	0.40	10	4.9	-2.6	-4	0.5	25.0	2.7	17.5
H 240091								67	55	25	52	40	39	42	51	24	49
H 240100		VOVA180019	87	110	103	82	94	89	97	118	110	103	105	101	93	87	109
6020381908		C 100041	66	54	46	20	41	0.90	0.05	14	6.6	-0.5	12	2.8	24.1	5.1	16.3
H 240100								68	59	20	54	46	40	40	49	22	53
H 240102	1	VOVA180019	98	99	94	106	96	100	86	97	99	94	94	90	99	84	100
99951725		C 110236	66	54	43	25	43	-0.01	0.47	-3	1.3	-3.1	-9	-4.1	13.7	5.8	9.2
H 240102								68	59	25	54	43	41	43	50	26	53
H 240105		VOVA180019	100	106	93	89	97	99	99	109	106	93	95	102	96	94	106
6020359201		C 110163	66	54	46	30	45	0.03	-0.04	7	4.8	-3.4	-6	2.9	18.6	3.2	13.7
H 240105								68	59	30	54	46	43	46	51	29	54
H 240107		VOVA180019	61	118	108	89	96	68	96	108	118	108	121	110	95	92	106
98219959		GRB 200249	63	54	41	21	40	2.59	0.06	6	10.0	1.2	43	7.7	21.1	3.8	13.7
H 240107								65	53	21	54	41	39	45	45	25	49
H 240111	6	CSA 160075	112	73	108	110	103	122	91	91	73	108	86	76	108	93	97
98219934		HS 190167	65	51	49	40	43	-1.87	0.28	-7	-10.2	1.1	-24	-11.9	-3.3	3.4	6.4
H 240111								67	56	40	51	49	47	40	45	33	52
H 240113	2	CSA 160075	115	88	98	99	104	110	103	101	88	98	87	89	104	104	105
99427296		H 140005	58	51	49	35	39	-0.89	-0.21	0	-3.4	-1.7	-22	-4.5	2.7	0.7	12.9
H 240113								59	54	35	51	49	45	35	40	25	52

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ID	Animal nr	Sire ID	Calving	Calf	Milk	Mainten.	Fertility	Cow	Birth	Birth	Mature	Wean	Wean	Cow-Calf	Post	Heifer	Cow	Long-	
Name	% Inbr.	Dam ID	Ease Value	Growth Value	Value	Value	Value	Value	direct	mat	weight	direct	mat	Ratio (Wean)	wean weight	Fertility	Fertility	evity	
H 240122	1	CSA 160075	102	90	102	108	103	96	100	104	94	90	102	95	91	106	95	100	
98257660		GRB 180050	63	54	52	41	38	48	0.02	-0.26	-5	-2.4	-0.8	-7	-3.1	0.2	3.1	9.4	
H 240122									66	53	41	54	52	49	38	39	24	50	
H 240127	2	CSA 150066	117	97	99	115	93	106	120	96	87	97	99	102	93	88	106	105	
98257678		CSA 200113	65	52	49	43	44	49	-1.67	0.06	-11	0.7	-1.5	6	-2.1	34.3	0.1	13.5	
H 240127									68	55	43	52	49	48	38	51	29	52	
H 240131	1	CSA 160075	107	97	100	83	104	101	106	91	116	97	100	91	100	104	106	100	
98220288		HOT 190685	63	48	47	38	39	46	-0.54	0.28	13	0.5	-1.1	-14	2.1	3.7	0.1	9.3	
H 240131									66	53	38	48	47	44	34	42	25	49	
H 240133	2	CSA 160075	115	90	106	100	101	106	111	100	100	90	106	96	90	101	105	101	
98220296		H 210024	63	49	46	36	39	46	-0.94	-0.09	0	-2.4	0.4	-4	-3.8	9.8	0.3	10.3	
H 240133									66	53	36	49	46	44	34	44	25	48	
H 240136	2	CSA 150066	117	88	102	117	101	105	113	99	83	88	102	97	85	97	107	107	
6020381890		CSA 140022	60	59	58	44	50	53	-1.07	-0.05	-14	-3.6	-0.8	-4	-6.9	17.1	-0.2	15.2	
H 240136									61	58	44	59	58	54	46	58	33	60	
H 240140	1	CSA 160075	104	98	102	82	106	103	104	92	117	98	102	94	100	106	111	99	
98220320		H 210085	63	50	48	38	41	47	-0.32	0.23	14	0.9	-0.6	-9	2.1	-1.2	-1.1	8.2	
H 240140									65	53	38	50	48	45	36	45	28	50	
H 240141		VOVA180019	96	104	99	90	99	96	97	91	108	104	99	100	98	99	91	109	
99897951		H 210025	64	52	42	29	44	47	0.20	0.26	6	3.7	-1.6	2	1.1	13.0	3.9	16.7	
H 240141									66	55	29	52	42	41	44	52	28	51	
H 240145		VOVA180019	93	107	95	87	94	91	95	93	112	107	95	97	99	94	84	106	
6020347891		H 180006	66	50	39	23	39	45	0.40	0.19	10	5.3	-2.8	-3	1.5	22.8	5.9	14.4	
H 240145									68	56	23	50	39	37	41	46	22	50	
H 240147	4	CSA 150066	110	108	91	112	94	104	109	89	90	108	91	102	103	91	102	101	
98257694		HOT 160289	66	55	52	44	49	51	-0.76	0.35	-8	5.4	-4.0	7	3.9	27.7	1.1	10.3	
H 240147									68	58	44	55	52	50	40	56	34	56	
H 240148		VOVA180019	105	96	94	93	93	90	104	95	105	96	94	89	90	94	84	105	
6020387251		H 170006	59	52	41	25	42	45	-0.37	0.12	4	0.2	-2.9	-18	-3.9	23.1	5.9	13.0	
H 240148									60	56	25	52	41	39	44	50	25	51	
H 240149	2	CSA 160075	100	91	112	93	111	105	101	91	104	91	112	102	96	114	107	98	
99951709		H 200013	64	49	47	36	40	46	-0.10	0.26	3	-2.2	2.4	6	-0.5	-16.2	-0.2	7.4	
H 240149									67	54	36	49	47	44	35	43	27	50	
H 240150	4	CSA 160075	104	99	102	96	103	104	102	100	102	99	102	101	100	104	106	100	
99427288		VOVA210328	50	48	45	33	36	42	-0.18	-0.08	2	1.7	-0.5	4	1.7	4.1	0.2	9.4	
H 240150									51	47	33	48	45	42	32	37	22	49	

Breeding Values and Accuracies: Cows

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Animal			Selection Value					Birth		Growth					Fertility		
ID	Animal nr	Sire ID	Calving	Calf	Milk	Mainten.	Fertility	Cow	Birth	Mature	Wean	Wean	Cow-Calf	Post	Heifer	Cow	Long-
Name	% Inbr.	Dam ID	Ease Value	Growth Value	Value	Value	Value	Value	direct	weight	direct	mat	Ratio (Wean)	wean weight	Fertility	Fertility	evity
H 240156	2	CSA 160075	96	104	112	80	99	103	96	119	104	112	108	103	98	97	107
98219926		H 190019	64	48	47	36	36	45	0.30	15	3.9	2.2	18	3.9	15.2	2.5	14.6
H 240156									66	36	48	47	44	30	38	22	49
H 240169	2	CSA 160075	105	94	107	91	99	101	105	106	94	107	99	98	103	90	100
99836264		HOT 190680	55	48	46	36	40	44	-0.46	5	-0.6	0.8	1	0.9	5.8	4.4	9.1
H 240169									56	36	48	46	43	35	43	27	50
H 250001	1	VOVA180019	80	111	96	83	101	90	83	116	111	96	100	103	100	92	110
99480840		VOVA170053	55	54	43	18	40	44	1.37	13	7.0	-2.4	3	3.6	10.2	3.7	17.4
H 250001									56	18	54	43	38	44	48	20	52
H 250004		CSA 160075	86	91	122	107	96	94	87	93	91	122	117	93	98	91	98
6020428006		GRB 140035	63	54	52	32	36	48	1.03	-6	-2.2	5.5	35	-2.0	14.4	3.9	7.6
H 250004									65	32	54	52	46	43	35	22	52
H 250008	3	CSA 150066	111	98	96	119	96	103	108	81	98	96	102	92	92	100	109
99427346		H 130007	67	54	52	42	47	51	-0.65	-15	1.2	-2.5	6	-2.6	26.7	1.6	16.3
H 250008									69	42	54	52	49	38	55	30	55
H 250009	2	CSA 150066	113	101	101	104	100	110	111	97	101	101	103	96	96	106	106
99427270		H 210049	63	52	49	41	45	49	-0.94	-2	2.6	-1.0	9	-0.3	18.1	0.1	13.9
H 250009									65	41	52	49	47	37	54	30	52
H 250010	1	CSA 160075	105	93	115	90	104	107	103	107	93	115	106	96	105	108	98
99427353		C 110438	64	51	52	33	36	47	-0.31	6	-1.4	3.3	13	-0.4	0.9	-0.4	7.4
H 250010									66	33	51	52	45	34	37	21	51
H 250011	1	CSA 160075	98	90	117	95	98	99	96	102	90	117	107	92	101	88	101
99427361		C 100456	66	52	49	34	41	48	0.27	1	-2.5	4.0	17	-2.8	8.6	4.7	9.5
H 250011									68	34	52	49	45	32	44	25	54
H 250018	2	CSA 160075	99	99	110	92	103	104	98	105	99	110	107	99	102	102	106
99427403		H 180020	57	51	47	34	39	45	0.16	4	1.6	1.8	16	1.5	7.6	1.2	13.7
H 250018									58	34	51	47	44	32	42	25	49
H 250026	5	CSA 160075	98	102	107	89	98	100	95	109	102	107	105	102	101	98	93
99431702		H 200020	62	47	43	33	36	44	0.36	7	2.9	0.9	13	3.1	10.0	2.3	3.7
H 250026									64	33	47	43	41	32	38	23	48
H 250033	1	CSA 150066	114	98	92	116	102	106	110	85	98	92	96	93	96	116	109
99480865		H 210066	56	50	47	39	44	46	-0.81	-12	1.1	-3.5	-4	-2.1	18.9	-2.4	16.3
H 250033									57	39	50	47	45	36	53	28	50
H 250034	3	CSA 180194	76	125	115	102	98	111	81	99	125	115	139	126	92	103	115
99427445		VOVA220426	63	55	50	36	43	49	1.55	-1	13.1	3.1	76	17.5	26.8	0.9	21.7
H 250034									65	36	55	50	47	48	49	29	50

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ID	Animal nr	Sire ID	Calving	Calf	Milk	Mainten.	Fertility	Cow	Birth	Birth	Mature	Wean	Wean	Cow-Calf	Post	Heifer	Cow	Long-	
Name	% Inbr.	Dam ID	Ease	Growth	Value	Value	Value	Value	direct	mat	weight	direct	mat	Ratio	wean	Fertility	Fertility	evity	
H 250043	3	CSA 210190	116	100	95	94	102	108	120	94	104	100	95	93	100	101	100	109	
99509283		H 220039	59	43	37	30	35	40	-1.67	0.15	3	1.9	-2.8	-11	2.2	9.7	1.6	16.3	
H 250043									63	45	30	43	37	37	34	42	23	41	
H 250044	14	CSA 210190	109	107	91	104	102	107	125	90	98	107	91	98	108	98	106	110	
99509291		H 230019	59	42	37	32	33	40	-2.11	0.31	-2	5.0	-3.9	0	6.8	15.2	0.1	17.3	
H 250044									63	44	32	42	37	37	32	37	23	40	
H 250047	13	H 220018	78	108	102	87	103	91	81	101	111	108	102	105	101	101	95	114	
99509317		H 220030	59	40	33	18	32	37	1.57	-0.13	9	5.5	-0.6	12	2.7	8.8	3.1	20.8	
H 250047									63	42	18	40	33	30	34	40	17	40	
H 250048	1	CSA 210190	113	102	89	96	101	103	121	89	103	102	89	90	100	99	99	108	
99509325		H 220079	59	42	35	28	35	40	-1.78	0.36	2	2.8	-4.5	-17	2.1	12.3	2.1	15.9	
H 250048									63	45	28	42	35	35	34	41	23	40	
H 250049	3	CSA 210190	114	105	97	94	101	111	111	93	104	105	97	100	105	100	99	109	
99509333		H 220091	61	43	38	30	35	41	-0.96	0.19	3	4.0	-2.1	2	4.8	11.5	1.9	16.2	
H 250049									65	46	30	43	38	37	35	42	23	41	
H 250050		CSA 210190	104	110	95	96	101	106	103	94	103	110	95	103	108	100	98	106	
99512113		H 220064	59	46	37	29	34	41	-0.25	0.14	2	6.6	-2.9	8	6.8	11.1	2.2	13.8	
H 250050									63	45	29	46	37	37	34	40	22	40	
H 250053	3	CSA 210190	115	100	98	90	102	108	120	90	108	100	98	95	108	100	104	108	
99509358		H 220073	59	43	37	29	35	40	-1.67	0.33	7	2.0	-2.0	-8	6.5	11.3	0.8	15.6	
H 250053									63	45	29	43	37	36	34	42	22	41	
H 250058	5	CSA 210190	99	90	92	112	103	89	133	91	90	90	92	86	92	100	109	108	
99509382		H 220076	60	45	42	35	37	43	-2.76	0.25	-8	-2.4	-3.6	-23	-2.8	11.7	-0.7	15.3	
H 250058									64	46	35	45	42	41	35	43	25	43	
H 250059	1	CSA 150066	99	103	103	104	96	101	98	99	97	103	103	107	96	93	98	107	
99509390		H 220029	64	52	47	38	43	48	0.13	-0.05	-2	3.3	-0.3	16	-0.3	23.4	2.1	15.0	
H 250059									66	54	38	52	47	46	38	53	26	50	
H 250064	1	H 220018	97	109	89	93	104	99	97	100	106	109	89	96	103	102	98	114	
99509432		H 230005	58	37	32	19	31	36	0.27	-0.09	4	6.1	-4.5	-6	3.5	7.9	2.3	20.6	
H 250064									62	41	19	37	32	29	29	38	17	38	
H 250068	1	H 220018	86	115	95	90	101	97	89	94	108	115	95	105	110	101	91	112	
99509465		H 220105	59	36	31	19	32	36	0.90	0.14	7	8.7	-2.9	12	7.7	9.5	4.1	19.0	
H 250068									63	41	19	36	31	29	28	39	18	38	
H 250069	13	H 220018	77	111	100	86	103	92	81	96	112	111	100	106	105	102	96	112	
99509473		H 220069	58	38	31	17	32	36	1.54	0.06	10	6.8	-1.1	13	4.7	6.9	2.7	19.4	
H 250069									62	42	17	38	31	29	32	39	18	39	

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Animal			Selection Value						Birth		Growth					Fertility		
ID	Animal nr	Sire ID	Calving	Calf	Milk	Mainten.	Fertility	Cow	Birth	Birth	Mature	Wean	Wean	Cow-Calf	Post	Heifer	Cow	Long-
Name	% Inbr.	Dam ID	Ease	Growth	Value	Value	Value	Value	direct	mat	weight	direct	mat	Ratio	wean	Fertility	Fertility	evity
			Value	Value										(Wean)	weight			
H 250071	15	H 220018	89	111	91	84	101	92	89	101	116	111	91	95	103	99	94	114
99509499		H 220080	58	37	30	16	31	35	0.85	-0.13	12	7.0	-4.1	-6	3.5	12.5	3.4	20.7
H 250071									62	41	16	37	30	28	32	39	17	38
H 250072	1	H 220018	95	105	101	84	97	95	95	101	115	105	101	99	100	95	89	112
99509507		H 220001	58	36	31	19	30	35	0.41	-0.13	12	4.1	-1.0	1	2.0	20.6	4.4	19.4
H 250072									62	41	19	36	31	29	28	37	16	38
H 250074	1	H 220018	83	111	101	105	102	98	86	95	97	111	101	113	105	101	97	109
99509523		H 220097	56	32	28	18	30	33	1.14	0.12	-3	7.1	-1.0	27	5.1	9.5	2.5	16.4
H 250074									60	38	18	32	28	26	26	36	17	36
H 250079	1	H 220018	92	109	95	94	99	96	92	100	104	109	95	102	101	96	98	114
99625311		H 230016	58	37	32	22	30	36	0.61	-0.09	3	6.1	-2.8	6	2.5	19.3	2.2	20.6
H 250079									62	41	22	37	32	30	28	34	17	39
H 250084	1	VOVA180019	81	110	107	84	93	91	85	93	114	110	107	111	103	95	84	102
99625345		HOT 170346	65	51	40	23	42	46	1.18	0.20	11	6.6	0.8	23	3.7	20.9	5.9	10.8
H 250084									67	55	23	51	40	38	43	50	24	51
H 250085		VOVA180019	94	95	105	85	80	78	96	91	113	95	105	95	91	81	74	97
99625352		H 200009	63	46	34	16	35	41	0.31	0.25	10	-0.4	0.3	-6	-3.3	47.6	8.5	6.9
H 250085									65	53	16	46	34	32	40	41	18	45
H 250089	2	VOVA180019	101	102	94	87	95	92	100	97	111	102	94	92	94	96	84	104
99625378		HOT 160263	65	51	43	22	40	46	-0.02	0.02	9	3.0	-3.2	-13	-1.6	17.9	5.8	12.3
H 250089									67	57	22	51	43	39	42	47	22	51
H 250095		VOVA180019	108	99	94	89	102	99	107	91	110	99	94	89	93	100	97	112
99625428		H 200019	65	50	39	25	42	45	-0.61	0.26	8	1.3	-3.0	-18	-2.2	10.1	2.5	18.9
H 250095									67	55	25	50	39	38	42	50	27	48
H 250100		VOVA180019	96	101	108	83	100	99	96	99	115	101	108	103	96	100	91	108
99625469		WBT 160123	67	53	45	25	41	47	0.34	-0.06	12	2.5	1.0	8	-0.5	11.0	4.0	16.1
H 250100									69	57	25	53	45	41	44	48	23	52
H 250110		VOVA180019	101	105	89	80	99	92	103	87	122	105	89	86	100	97	98	107
99625519		HOT 190685	64	51	41	28	41	46	-0.24	0.43	17	4.1	-4.7	-25	2.2	17.0	2.2	14.6
H 250110									66	55	28	51	41	40	42	50	24	49
H 250111	1	VOVA180019	81	116	100	81	101	96	85	90	118	116	100	108	109	100	98	107
99625527		WBT 190095	66	50	40	24	39	45	1.18	0.33	15	9.1	-1.1	17	7.2	10.9	2.2	14.7
H 250111									68	56	24	50	40	38	42	46	22	50
H 250113	1	VOVA180019	105	103	91	90	96	94	105	91	109	103	91	90	94	95	85	110
99625535		H 190015	65	50	38	22	41	45	-0.40	0.26	7	3.1	-3.9	-16	-1.6	19.6	5.5	17.2
H 250113									67	55	22	50	38	37	40	49	25	50

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ID	Animal nr	Sire ID	Calving	Calf	Milk	Mainten.	Fertility	Cow Value	Birth	Birth	Mature	Wean	Wean	Cow-Calf	Post	Heifer	Cow	Long-	
Name	% Inbr.	Dam ID	Ease Value	Growth Value	Value	Value	Value		direct	mat	weight	direct	mat	Ratio (Wean)	wean weight	Fertility	Fertility	evity	
H 250115	1	VOVA180019	90	101	95	92	101	89	92	95	106	101	95	94	92	103	91	104	
99835159		OW 170279	66	53	44	28	45	48	0.67	0.12	5	2.5	-2.7	-9	-2.5	5.0	3.9	12.4	
H 250115									68	58	28	53	44	42	45	53	29	53	
H 250116	2	CSA 150066	114	102	91	115	97	104	111	94	87	102	91	98	95	92	104	107	
99835167		H 200006	65	51	49	42	42	48	-0.94	0.16	-11	2.6	-3.9	-2	-0.8	25.7	0.6	15.0	
H 250116									67	55	42	51	49	47	34	49	26	52	
H 250117		VOVA180019	110	99	97	89	99	101	109	89	109	99	97	92	91	100	94	104	
99835175		HS 200647	66	51	41	27	42	46	-0.78	0.36	7	1.6	-2.3	-12	-3.2	11.6	3.4	12.8	
H 250117									68	56	27	51	41	40	44	49	26	51	
H 250119		VOVA180019	116	94	92	89	99	98	112	98	110	94	92	83	87	97	96	106	
99835183		H 160005	65	53	43	24	41	47	-1.05	0.00	8	-0.7	-3.7	-30	-5.5	16.0	2.6	14.2	
H 250119									67	57	24	53	43	40	44	48	24	51	
H 250122		VOVA180019	101	99	108	80	99	101	101	94	119	99	108	100	109	97	96	109	
99835191		WBT 170056	66	53	45	26	42	47	-0.10	0.14	15	1.7	1.2	3	7.3	16.0	2.7	16.5	
H 250122									68	58	26	53	45	41	42	50	24	53	
H 250123		VOVA180019	83	113	95	90	102	94	88	91	108	113	95	103	104	101	94	112	
99835209		HOT 160246	67	55	47	34	46	50	1.01	0.28	6	7.7	-2.9	9	4.3	8.6	3.3	18.9	
H 250123									69	59	34	55	47	45	47	54	31	54	
H 250125		VOVA180019	114	94	97	91	96	98	111	96	107	94	97	89	87	94	94	109	
6020348048		H 210056	66	52	42	28	42	47	-0.92	0.07	5	-0.7	-2.2	-19	-5.9	22.7	3.2	16.9	
H 250125									68	56	28	52	42	41	44	51	26	50	
H 250129		VOVA180019	100	94	103	92	101	95	99	98	106	94	103	95	90	100	96	109	
99835233		CSA 140022	61	58	51	31	47	50	0.07	0.00	4	-0.8	-0.4	-7	-4.1	11.2	2.8	16.8	
H 250129									62	58	31	58	51	47	50	55	29	57	
H 250130		VOVA180019	100	94	103	92	101	95	99	98	106	94	103	95	90	100	96	109	
99835241		CSA 140022	61	58	51	31	47	50	0.07	0.00	4	-0.8	-0.4	-7	-4.1	11.2	2.8	16.8	
H 250130									62	58	31	58	51	47	50	55	29	57	
H 250131	1	VOVA180019	84	118	94	79	95	92	88	92	123	118	94	102	112	94	94	101	
99835258		HOT 170358	65	52	42	27	43	47	0.97	0.22	18	10.1	-3.0	6	8.9	21.9	3.3	10.2	
H 250131									67	56	27	52	42	40	43	52	26	52	
H 250135	6	CSA 210190	100	95	88	114	100	89	132	87	89	95	88	87	96	96	106	107	
99835274		H 230009	61	44	41	35	37	42	-2.65	0.42	-9	-0.3	-4.9	-22	-0.6	17.8	0.1	15.2	
H 250135									65	47	35	44	41	40	34	43	26	43	
H 250137		H 130010	108	108	89	93	100	103	106	97	106	108	89	94	101	97	103	108	
99951675		C 100250	55	48	44	31	42	44	-0.52	0.05	4	5.4	-4.5	-8	2.3	16.2	1.0	15.9	
H 250137									56	53	31	48	44	41	30	44	26	56	

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ID	Animal nr	Sire ID	Calving	Calf	Milk	Mainten.	Fertility	Cow Value	Birth	Birth	Mature	Wean	Wean	Cow-Calf	Post	Heifer	Cow	Long-
Name	% Inbr.	Dam ID	Ease Value	Growth Value	Value	Value	Value		direct	mat	weight	direct	mat	Ratio (Wean)	wean weight	Fertility	Fertility	evity
H 250142		VOVA180019	94	102	108	83	100	99	94	100	115	102	108	104	97	100	91	108
99869190		WBT 160123	59	53	45	25	41	46	0.50	-0.09	12	3.0	1.2	10	0.1	11.0	4.0	16.1
H 250142									60	56	25	53	45	41	44	48	23	52
H 250144		VOVA180019	73	119	98	84	96	89	77	99	116	119	98	110	109	92	95	112
99897969		H 200005	65	50	39	22	42	45	1.88	-0.04	12	10.5	-1.7	21	7.6	26.4	3.1	19.5
H 250144									67	56	22	50	39	37	41	50	26	50
H 250145	5	CSA 210190	117	110	83	104	110	116	115	88	99	110	83	93	116	107	117	107
99894594		CTM 180125	62	45	43	37	36	43	-1.27	0.37	-1	6.6	-6.3	-10	11.4	-3.0	-2.7	15.0
H 250145									65	48	37	45	43	42	36	39	25	44
H 250152	3	CSA 210190	108	103	89	116	103	104	105	100	86	103	89	97	103	103	101	106
99869257		GRB 180050	61	49	46	38	35	45	-0.44	-0.11	-12	3.3	-4.7	-4	4.0	4.9	1.5	13.8
H 250152									64	47	38	49	46	44	37	37	23	44
H 250154		VOVA180019	79	117	100	86	96	94	83	96	113	117	100	111	108	93	96	110
99871865		H 210027	65	52	40	25	41	46	1.39	0.08	10	9.8	-1.3	23	6.5	25.0	2.7	17.5
H 250154									67	55	25	52	40	39	42	51	24	49
H 250156		VOVA180019	79	118	101	79	94	93	82	98	121	118	101	110	109	93	93	105
99871881		H 200072	65	51	42	20	41	45	1.43	-0.01	17	10.3	-0.8	21	7.4	25.0	3.6	13.6
H 250156									67	55	20	51	42	38	40	50	23	49
H 250781	14	H 220018	80	107	96	97	101	88	84	98	102	107	96	102	99	102	87	111
99509549		H 220037	60	37	30	16	32	36	1.34	-0.02	2	4.9	-2.3	6	1.6	8.0	5.0	18.1
H 250781									64	42	16	37	30	28	31	39	18	38
H 260001	3	CSA 210190	100	98	88	99	99	88	132	90	101	98	88	86	99	98	104	99
99871915		H 200020	60	41	36	30	33	39	-2.69	0.30	1	1.2	-5.0	-25	1.3	14.7	0.7	8.0
H 260001									64	45	30	41	36	36	31	36	23	41
H 260002	2	CSA 210190	116	111	88	92	101	111	119	85	107	111	88	96	113	100	105	101
99941221		HOT 170355	63	44	40	33	38	43	-1.57	0.49	6	7.0	-4.9	-6	9.7	11.5	0.4	9.7
H 260002									66	50	33	44	40	39	34	42	27	45
H 260005	2	CSA 210190	98	105	103	110	103	107	98	97	92	105	103	111	108	103	101	107
99941247		H 200066	60	45	41	33	38	43	0.18	0.02	-7	4.3	-0.5	23	6.7	5.6	1.5	14.7
H 260005									63	46	33	45	41	40	36	42	27	44
H 260007		VOVA180019	116	99	97	80	101	104	113	90	120	99	97	89	93	100	96	108
99951766		H 210044	64	50	41	26	42	45	-1.13	0.31	16	1.4	-2.2	-19	-2.4	11.0	2.8	15.3
H 260007									66	55	26	50	41	39	43	51	26	50
H 260012	2	CSA 180063	104	97	85	93	104	91	129	90	106	97	85	80	93	104	102	104
6020097231		H 200062	61	48	43	34	42	45	-2.40	0.30	4	0.5	-5.8	-36	-2.1	3.2	1.1	12.4
H 260012									64	51	34	48	43	42	34	50	28	48

Breeding Values and Accuracies: Cows

Index
EBV
Acc

Green: >120 High
White: 80-120 Average
Orange: <80 Low

Inbreeding in red is high

Value <80

Value >120

Breeding values with an accuracy < 5% are not printed

Animal			Selection Value						Birth		Growth					Fertility		
ID Animal nr Name	% Inbr.	Sire ID Dam ID	Calving Ease Value	Calf Growth Value	Milk Value	Mainten. Value	Fertility Value	Cow Value	Birth direct	Birth mat	Mature weight	Wean direct	Wean mat	Cow-Calf Ratio (Wean)	Post wean weight	Heifer Fertility	Cow Fertility	Long- evity
H 260017 6020200157 H 260017	2	CSA 180063 H 210046	117 62	109 47	92 44	90 35	105 43	115 45	119 -1.55 64	88 0.38 52	109 7 35	109 5.8 47	92 -3.5 44	97 -3 42	105 5.0 36	105 1.6 51	102 1.3 29	105 13.5 49
H 260019 6020380918 H 260019	2	CSA 160075 HOT 130092	97 66	97 54	117 53	89 42	103 42	106 50	94 0.51 68	113 -0.59 57	108 6 42	97 0.7 54	117 3.8 53	111 23 50	103 3.5 38	102 7.0 44	109 -0.6 27	102 10.8 54
H 260022 6020380926 H 260022	2	CSA 180063 C 110236	116 65	103 52	86 46	117 34	100 43	107 48	115 -1.29 67	83 0.57 56	85 -12 34	103 3.2 52	86 -5.3 46	95 -7 44	97 0.2 36	104 4.3 49	92 3.7 28	98 7.3 52
H 260028 6020433626 H 260028	1	CSA 160075 H 220081	101 62	98 48	106 43	84 32	93 38	95 44	101 -0.07 65	96 0.07 52	115 12 32	98 1.2 48	106 0.6 43	99 1 41	97 0.1 35	91 28.7 43	92 3.8 23	104 12.8 47
H 260035 6020428683 H 260035	1	CSA 180063 HOT 190680	115 62	109 48	88 44	100 34	99 43	108 45	114 -1.17 65	85 0.52 52	101 0 34	109 5.8 48	88 -4.8 44	96 -5 42	107 6.3 36	101 9.7 50	89 4.5 28	104 12.5 50
H 260038 6020428709 H 260038	3	CSA 160075 H 180025	108 63	102 50	104 44	86 34	98 39	105 46	105 -0.43 66	100 -0.11 53	112 10 34	102 2.9 50	104 0.0 44	101 5 43	103 3.6 32	96 17.7 42	98 2.3 27	104 12.4 49
H 260039 6020428717 H 260039	4	CSA 180063 VOVA210219	116 61	110 51	90 42	97 32	102 39	113 45	118 -1.52 64	86 0.48 48	102 2 32	110 6.6 51	90 -4.3 42	99 0 42	109 7.4 40	103 4.9 44	94 3.2 26	103 11.9 47
H 260045 6020538929 H 260045	1	VOVA180019 H 210035	98 58	108 52	97 42	92 28	92 42	95 45	97 0.22 59	99 -0.03 53	106 5 28	108 5.7 52	97 -2.2 42	102 7 41	101 2.6 44	88 32.9 52	91 4.2 26	109 16.8 49
H 260046 6020538937 H 260046	1	VOVA180019 CTM 170034	110 59	96 56	81 45	89 32	105 42	92 48	108 -0.72 60	93 0.20 57	110 8 32	96 0.0 56	81 -6.8 45	74 -47 44	94 -1.7 46	105 0.9 51	98 2.1 24	106 14.2 51

Selection List on Cow Values

Bulls 2 years and older

ID	Name	Sire ID	Dam ID	% Inbreeding	Calving Ease Value Acc	Calf Growth Value Acc	Milk Value Acc	Maint. Value Acc	Fertility Value Acc	Cow Value Acc
Sorted on ID										
					★★★★★					
1	CSA 230127 COGNAC	CSA 210048	CSA 190125	10.7	114 64	122 64	90 47	86 40	106 40	123 52
					★★★★★					
1	H 170016 17-0016H	H 130010	C 130019	15.8	98 62	120 44	95 40	89 31	103 40	110 43
2	H 220008 CORBIN	CSA 180147	C 080419	6.7	103 61	105 49	95 51	107 37	116 46	113 47
3	H 230015 DUKE	CSA 180063	VOVA180190	6.6	111 58	113 51	87 43	93 31	106 41	113 45
4	H 230018 WARRIOR	CSA 150066	H 200015	3.0	112 54	99 51	99 48	113 40	103 44	110 46
5	H 230028 PATRIOT	CSA 180063	H 150017	7.0	119 53	104 48	85 43	109 35	106 43	111 43
6	H 230110 H 230110	CSA 180063	H 180019	0.3	107 64	122 50	89 42	87 31	102 42	114 46
7	H 230115 23 115	CSA 150066	H 150025	3.3	112 58	106 63	101 53	98 43	97 47	111 53
8	H 230117 AXEL	CSA 180063	H 150015	1.1	120 56	103 50	95 47	102 36	103 44	114 46
9	H 230120 HANNIBAL	CSA 150066	HOT 160243	3.9	115 59	98 66	96 54	111 44	105 48	110 54
10	H 230129 23 129	H 180011	WBT 160123	2.7	111 51	101 59	99 40	91 25	107 33	110 44
11	H 230137 H 230137	CSA 180063	HOT 160246	2.5	112 57	112 52	85 50	106 42	107 47	114 48
12	SJS 180007 18-0007SJS	C 150503	C 150510	1.2	104 56	99 50	109 59	115 45	103 44	112 48
					★★★★★					
1	CSA 160075 CANBERRA	C 130670	C 100033	6.4	102 90	90 82	119 76	84 59	101 59	103 72
2	CSA 180063 QUEENSLAND		C 100267	0.0	109 88	115 81	81 71	98 56	100 67	104 72
3	CSA 180147 PERTH		C 100267	0.0	97 73	105 63	96 64	111 51	113 60	108 60
4	CSA 210190 HAMILTON	CSA 160056	CSA 180084	1.6	106 81	107 69	90 60	105 53	103 52	105 62
5	H 210010 HURWITZ 21-0010H	CSA 150066	H 180027	2.6	116 63	101 51	91 47	110 39	96 42	105 47
6	H 230022 DALLAS	CSA 180063	OW 170279	5.1	116 56	102 50	86 46	108 36	106 46	108 46
7	H 230027 VICTOR	CSA 150066	VOVA170053	1.2	98 55	105 55	95 51	109 37	100 43	100 48
8	H 230035 23 035	CSA 150066	H 200019	2.9	120 58	94 51	93 48	114 41	102 45	108 47
9	H 230058 ACE	VOVA180019	H 150023	0.1	112 66	95 53	101 45	87 29	97 44	100 48
10	H 230083 AUSTIN	CSA 160075	H 180020	1.9	94 64	104 61	109 47	89 34	104 39	105 50
11	H 230144 23 144	CSA 150066	HOT 130096	7.0	117 60	86 57	101 56	113 48	98 48	101 52
12	H 240011 H 240011	CSA 150066	CSA 140022	2.0	108 67	92 59	103 58	117 44	101 50	103 54
13	H 240015 H 240015	CSA 180063	GRB 140035	0.1	106 52	100 54	102 50	114 31	96 40	104 46
14	H 240065 H 240065	CSA 150066	H 200038	7.9	113 63	103 51	98 47	107 39	97 44	109 48
15	H 240103 H 240103	CSA 160075	H 150017	3.4	108 54	92 49	105 46	101 36	106 40	105 44

Selection List on Cow Values

Bulls 2 years and older

ID	Name	Sire ID	Dam ID	% Inbreeding	Calving Ease Value	Calf Growth Value	Milk Value	Maint. Value	Fertility Value	Cow Value	
Sorted on ID					Acc	Acc	Acc	Acc	Acc	Acc	
					★★★★☆						
16	H 240116	H 240116	CSA 160075	HOT 180491	1.2	107 64	92 51	109 46	106 35	104 37	106 46
17	H 240152	H 240152	CSA 160075	H 200042	2.0	93 63	105 47	115 44	84 34	100 39	105 45
18	H 240159	H 240159	CSA 160075	HOT 190615	4.0	91 65	102 50	110 46	103 38	105 41	104 47
19	HOT 190594	RY 19-0594HOT	ZON 140011	HOT 130092	2.4	104 60	92 53	107 56	101 41	106 43	104 49
20	HOT 190668	RY 19-0668HOT	HOT 160241	HOT 170355	4.7	117 52	101 47	80 44	89 34	104 42	100 43
21	VOVA210242	21-0242	VOVA180030	VOVA190014	2.1	96 45	108 49	95 44	112 33	104 37	104 41
					★★★★						
1	H 210069	21-0069H	GRB 170073	GRB 140035	6.5	100 61	91 56	104 51	113 23	94 30	93 46
2	H 220090	H 220090	VOVA180019	HOT 170355	0.8	99 66	112 52	91 41	80 26	95 43	95 47
3	H 230042	OSCAR	VOVA180019	H 160011	0.1	93 65	101 50	98 39	91 23	96 43	90 45
4	H 230048	DRAKE	VOVA180019	H 130001	0.4	105 66	104 54	89 46	92 30	103 45	99 49
5	H 230051	H 230051	VOVA180019	WBT 140014	0.8	98 66	107 53	93 43	88 27	98 42	94 47
6	H 230052	H 230052	VOVA180019	H 180008	0.3	105 65	102 49	95 38	84 22	93 39	94 44
7	H 230075	INKUNZI	VOVA180019	HOT 180491	0.1	96 64	102 53	99 41	98 25	99 39	96 46
8	H 230080	MOWGLI	VOVA180019	BV 180009	0.2	88 56	107 63	106 45	83 26	100 38	97 48
9	H 230090	H 230090	VOVA180019	WBT 160123	0.3	94 59	102 53	108 45	83 25	100 41	99 46
10	H 230093	H 230093	VOVA180019	WBT 160123	0.3	94 59	102 53	108 45	83 25	100 41	99 46
11	H 230100	H 230100	VOVA180019	WBT 160123	0.3	94 59	102 53	108 45	83 25	100 41	99 46
12	H 230104	H 230104	VOVA180019	WBT 160123	0.3	94 59	102 53	108 45	83 25	100 41	99 46
13	H 230142	H 230142	VOVA180019	CSA 180081	1.7	95 57	108 51	100 40	85 25	94 41	96 44
14	H 240007	H 240007	1636 (P) D5	C 080419	0.0	91 58	105 56	93 56	89 45	113 49	99 51
15	H 240059	H 240059	VOVA180019	C 080419	0.4	93 67	109 58	96 50	86 31	103 47	98 51
16	H 240087	H 240087	VOVA180019	CSA 180065	1.6	105 66	104 53	87 45	93 28	98 43	95 48
17	H 240092	H 240092	VOVA180019	H 200029	0.2	91 65	104 52	100 42	88 27	98 42	92 47
18	H 240093	H 240093	VOVA180019	H 200006	0.4	94 65	109 50	93 40	89 26	97 39	93 45
19	H 240094	H 240094	VOVA180019	H 170007	0.1	115 66	93 52	82 43	97 23	99 40	91 46
20	H 240095	H 240095	VOVA180019	H 190015	0.6	106 65	102 50	91 38	90 22	96 41	95 45
21	H 240114	H 240114	VOVA180019	H 210056	0.2	110 66	96 52	98 42	91 28	96 42	97 47
22	H 240126	H 240126	CSA 160075	GRB 170215	0.7	76 62	101 51	123 49	94 32	96 35	93 46
23	H 240130	H 240130	CSA 160075	CSA 180044	8.0	105 58	86 48	105 47	118 37	104 42	99 45
24	H 240163	H 240163	CSA 160075	H 210074	1.0	97 63	100 48	104 46	86 37	104 40	99 46
25	H 240167	H 240167		CSA 140022	0.0	96 58	88 59	110 56	111 33	99 49	94 51

Selection List on Cow Values

Bulls 2 years and older

ID	Name	Sire ID	Dam ID	% Inbreeding	Calving Ease Value Acc	Calf Growth Value Acc	Milk Value Acc	Maint. Value Acc	Fertility Value Acc	Cow Value Acc
Sorted on ID										
					★★★★					
26	HOT 210771 WARATAH		HOT 150207	0.0	96 72	85 62	116 50	106 38	101 45	96 54
27	VOVA210341 21-0341	VOVA190040	CSA 140022	13.0	98 51	89 65	107 51	113 34	106 45	99 51
					★★★★☆					
1	H 220018 H 220018	VOVA180019	VOVA170053	0.7	65 77	118 54	99 43	83 18	103 41	87 49
2	H 230133 H 230133	VOVA180019	GRB 140035	0.2	85 55	97 56	110 48	102 20	91 39	86 46
3	H 240022 H 240022	VOVA180019	GRB 140035	0.2	85 55	97 56	110 48	102 20	91 39	86 46
4	H 240055 H 240055	VOVA180019	GRB 140035	0.2	85 55	97 56	110 48	102 20	91 39	86 46
5	H 240067 H 240067	VOVA180019	VOVA180153	12.6	90 56	99 53	104 42	90 22	95 41	89 45
6	H 240104 H 240104	VOVA180019	BV 170037	0.3	89 66	105 55	96 44	87 26	94 42	87 48
7	VOVA180019 OUTBACK		VYF 150029	0.0	87 89	108 88	97 63	76 30	91 66	85 72

Selection List on Cow Values

Cows 2 years and older

ID	Name	Sire ID	Dam ID	% Inbreeding	Calving Ease Value Acc	Calf Growth Value Acc	Milk Value Acc	Maint. Value Acc	Fertility Value Acc	Cow Value Acc
Sorted on ID										
					★★★★★					
1	H 160008 HARPER	C 110172	C 130019	9.7	101 70	108 58	108 61	96 36	113 50	120 54
2	H 230118 23 118	CSA 180063	H 160008	1.2	109 56	123 60	91 48	87 34	107 42	121 49
3	OW 180419 MODEL 18-0419OW	DO 022009	DO 022074	0.0	111 65	118 58	91 61	83 49	113 60	122 56
					★★★★★					
1	C 130019 13-0019C	C 100413	C 110057	7.2	104 69	114 53	98 53	95 38	111 51	119 51
2	CSA 190008 19-0008CSA	115	C 100267	2.0	115 69	90 61	117 66	92 46	105 57	114 58
3	CSA 190125 CLAIRE	CSA 160056	CSA 170188	2.7	105 73	115 70	98 71	93 63	105 57	116 64
4	CTM 180125 18-0125CTM	CTM 130203	C 110152	3.4	112 67	109 60	74 60	102 52	117 51	111 55
5	H 150005 15-0005H	C 110172	C 110163	16.0	113 74	99 58	97 59	109 40	105 57	111 56
6	H 150015 ALISON	C 110500	C 100456	3.1	119 70	90 59	109 61	104 46	106 57	115 56
7	H 150023 ALISON	C 110500	C 100456	3.1	112 72	93 60	110 65	105 48	104 58	111 58
8	H 150025 15-0025H	C 110500	C 100456	3.1	114 68	93 59	116 62	96 46	102 57	114 56
9	H 180019 18-0019H	H 130010	C 100041	2.5	88 72	127 60	98 46	79 27	104 50	111 53
10	H 180024 18-0024H	H 130010	H 150015	1.2	117 66	106 56	95 44	91 33	100 45	111 49
11	H 200013 20-0013H	ZON 140011	HOT 160243	6.9	106 71	88 52	104 53	108 38	120 52	110 52
12	H 200015 WILLOW	CSA 150031	WBT 160123	6.4	101 55	103 46	104 49	104 37	116 49	116 45
13	H 200019 20-0019H	OW 180535	OW 130393	4.6	120 67	93 46	93 47	108 39	113 52	113 48
14	H 200031 20-0031H	CSA 150036	H 150005	1.4	117 66	109 47	91 43	90 31	99 50	110 47
15	H 200033 20-0033H	CSA 150036	H 170003	1.3	113 64	108 48	89 44	92 31	111 50	114 47
16	H 200038 20-0038H	CSA 150036	H 150015	0.4	110 63	108 47	101 43	88 33	104 49	114 46
17	H 200039 20-0039H	CSA 150036	WBT 170056	0.0	126 66	101 47	99 44	82 32	102 49	116 47
18	H 200041 20-0041H	C 110243	HOT 160246	8.0	88 70	113 60	100 63	112 52	111 55	110 57
19	H 200042 20-0042H	CSA 150036	H 150025	0.4	98 65	113 47	108 44	85 33	99 51	110 47
20	H 200056 20-0056H		C 110236	12.5	108 55	102 49	106 49	89 35	104 45	111 45
21	H 210025 21-0025H	C 110243	H 150023	4.4	109 61	98 55	100 57	112 48	108 56	110 53
22	H 210027 21-0027H	CSA 150066	H 180019	0.7	104 69	112 54	97 48	99 38	101 50	110 51
23	H 210033 H 210033	CSA 180147	WBT 160123	2.6	99 51	101 43	108 45	103 32	111 39	111 41
24	H 210044 21-0044H		OW 130393	4.9	118 60	99 50	101 53	84 42	110 54	116 49
25	H 210046 21-0046H		OW 130393	4.9	117 60	101 50	104 53	84 42	109 54	118 49
26	H 210047 21-0047H		OW 130393	4.9	116 60	101 50	104 53	84 42	109 54	118 49
27	H 210049 21-0049H		OW 130393	4.9	111 58	103 50	106 53	83 42	109 54	117 49
28	H 210053 21-0053H		OW 130393	4.9	113 55	102 50	105 53	83 42	109 48	117 47

Selection List on Cow Values

Cows 2 years and older

ID	Name	Sire ID	Dam ID	% Inbreeding	Calving Ease Value Acc	Calf Growth Value Acc	Milk Value Acc	Maint. Value Acc	Fertility Value Acc	Cow Value Acc
Sorted on ID										
★★★★★										
29	H 210059 21-0059H	CSA 180063	HOT 130092	6.5	114 60	108 53	96 51	97 40	103 50	114 49
30	H 210063 21-0063H	CSA 180063	C 100041	0.2	114 69	111 51	93 48	92 31	100 48	112 49
31	H 210067 21-0067H	CSA 180063	HOT 170355	1.5	115 64	117 49	84 44	90 35	99 43	111 46
32	H 210080 21-0080H	CSA 180063	C 080419	6.7	117 62	111 55	87 53	99 39	108 53	117 51
33	H 210083 21-0083H	CSA 180063	C 080419	6.7	117 62	111 55	87 53	99 39	108 51	117 51
34	H 210089 21-0089H	CSA 180063	C 080419	6.7	114 62	112 55	88 53	99 39	110 52	118 51
35	H 220004 H 220004	TOP 180133	OW 180419	9.4	120 56	101 49	88 47	92 38	117 49	117 46
36	H 220014 H 220014	CSA 180147	DO 060236	1.4	117 59	106 51	86 53	92 41	114 53	115 49
37	H 220095 H 220095	CSA 180063	CSA 180065	0.6	115 66	112 50	80 47	109 36	105 47	112 48
38	H 220097 H 220097	+SHK931636	OW 160094	0.0	107 45	102 34	101 35	121 30	101 43	110 35
39	H 220108 H 220108	CSA 180063	H 200013	1.0	114 63	103 48	93 44	104 34	110 42	114 45
40	H 220109 H 220109	CSA 150066	C 130019	1.3	109 67	107 52	98 49	110 40	102 49	113 50
41	H 220117 H 220117	CSA 180063	H 130007	0.7	111 67	109 50	90 47	110 35	101 48	110 48
42	H 230004 H 230004	CSA 180063	HOT 160246	2.5	105 60	115 52	89 50	106 42	107 51	113 49
43	H 230019 H 230019	CSA 180063	CSA 200113	1.3	119 58	109 48	93 44	104 37	101 43	116 45
44	H 230031 H 230031	HS 190107	WBT 200078	14.7	113 62	85 50	118 45	120 38	108 43	116 47
45	H 230034 H 230034	CSA 180063	H 200047	3.0	118 62	110 47	87 42	97 33	98 42	110 44
46	H 230069 H 230069	CSA 150066	H 200038	7.9	116 57	102 51	98 47	107 39	97 44	110 46
47	H 230070 H 230070	CSA 150066	CSA 190008	0.8	118 58	93 54	105 53	109 43	99 46	110 49
48	H 230123 23 123	CSA 180063	H 130007	0.7	114 58	108 50	89 47	110 35	101 44	110 46
49	H 230127 H 230127	CSA 180063	H 200031	0.5	122 55	112 47	86 41	94 32	100 42	114 43
50	H 240032 H 240032	CSA 160075	C 130019	5.2	103 57	102 49	109 46	89 36	106 39	111 44
51	HOT 160243 HILLARY	C 060222	DO 022064	0.0	114 72	88 66	101 67	110 50	117 62	113 61
52	HS 200647 20-0647HS	OW 140572	OW 170279	5.2	119 70	96 52	99 53	109 45	107 51	115 52
53	VOVA230032 230032	CSA 180199	VOVA210115	3.8	106 56	102 51	103 47	112 37	104 45	112 46
54	WBT 160123 TMASTERS 16-0123WBT	C 120001	WBT 130050	0.8	100 72	96 59	119 63	92 40	109 49	113 55
55	WBT 170056 TMASTERS 17-0056WBT	115	DO 022095	3.9	119 69	89 58	119 64	85 41	105 53	116 55
56	WBT 190095 TMASTERS 19-0095WBT	TOP 150102	WBT 140014	8.5	90 68	116 46	101 48	87 35	111 44	111 47
57	WBT 200078 TMASTERS 20-0078WBT	C 110505	DO 022095	3.5	101 69	92 63	118 65	115 55	109 60	113 59
★★★★★										
1	BV 180009 MADISON	C 130664	C 110438	2.9	88 62	106 55	115 62	92 40	108 37	109 50
2	C 100041 10-0041C	DO 060056	DO 033047	0.0	94 73	109 63	107 66	88 26	97 51	103 57

Selection List on Cow Values

Cows 2 years and older

ID	Name	Sire ID	Dam ID	% Inbreeding	Calving Ease Value Acc	Calf Growth Value Acc	Milk Value Acc	Maint. Value Acc	Fertility Value Acc	Cow Value Acc
Sorted on ID										
					★★★★★					
3	C 110163 DELILAH	C 080469	C 090324	13.0	111 73	106 63	90 66	110 52	103 60	108 60
4	CSA 140022 14-0022CSA	C 110151	C 100267	2.1	112 77	80 76	109 79	114 52	111 66	105 68
5	CSA 180065 18-0065CSA		C 090227	0.0	107 71	107 59	80 63	116 46	105 55	102 57
6	CSA 180081 18-0081CSA		C 120340	0.0	102 63	107 51	104 50	96 40	97 50	107 49
7	CSA 200030 20-0030CSA	CSA 170062	CSA 180044	5.6	118 68	85 53	93 52	119 44	109 49	104 51
8	CSA 220047 22-0047CSA	CSA 190062	CSA 180173	1.2	85 67	114 50	104 46	106 36	105 43	107 47
9	H 130007 ALISON	C 110154	C 100456	2.0	99 76	100 59	98 62	117 44	101 57	101 58
10	H 150017 PEARL	C 120338	C 100250	1.2	113 61	93 53	90 50	116 39	111 53	106 50
11	H 160005 16-0005H	C 110172	C 100250	7.0	124 69	90 59	91 59	109 37	106 49	107 54
12	H 160011 ODETTE	C 120338	C 100248	1.2	115 67	87 48	97 46	113 36	102 54	100 49
13	H 170003 CHARLOTTE	C 110172	C 080419	6.7	118 71	95 61	85 62	112 41	114 58	109 57
14	H 180008 18-0008H	H 130010	C 100248	0.1	113 69	100 44	95 42	93 31	95 43	100 45
15	H 180020 ALISON	H 130010	H 130007	1.4	95 70	108 60	101 53	106 33	104 49	106 53
16	H 180025 18-0025H	H 130010	H 150005	3.6	99 69	121 57	92 43	88 31	94 50	104 51
17	H 180027 H 180027	H 130010	C 100250	0.1	109 59	107 48	89 44	93 31	101 43	104 45
18	H 190015 19-0015H	H 130010	C 110236	4.0	115 67	100 48	87 42	111 31	101 50	104 47
19	H 190019 19-0019H	H 130010	C 100041	2.5	92 66	117 51	104 53	77 39	97 43	104 49
20	H 190024 19-0024H	H 130010	H 160011	1.5	104 68	106 42	94 38	96 30	97 48	100 44
21	H 190031 H 190031	DO 050029	C 110525	3.1	107 55	114 55	75 59	95 45	107 54	103 51
22	H 200005 20-0005H	H 130010	C 100250	0.1	96 69	112 48	93 44	93 31	101 51	101 48
23	H 200006 20-0006H	H 130010	H 150017	1.5	110 68	105 48	88 50	108 41	103 42	105 48
24	H 200020 20-0020H	CSA 150036	H 170006	2.1	111 64	106 46	91 40	94 30	95 42	102 44
25	H 200027 20-0027H	C 110243	HOT 160289	14.9	110 68	108 56	86 56	111 49	97 58	103 55
26	H 200029 20-0029H	C 110500	GRB 170141	1.0	106 68	94 55	102 56	108 44	105 51	104 53
27	H 200047 20-0047H	CSA 150036	C 100426	3.1	108 65	105 48	93 45	96 33	97 49	102 47
28	H 200066 20-0066H	C 110151	C 100456	2.0	106 61	84 57	107 56	114 39	104 54	100 52
29	H 200072 20-0072H	CSA 150036	C 100041	6.3	98 66	116 52	101 54	82 27	97 47	108 49
30	H 210004 21-0004H	HOT 190643	BV 170037	10.0	117 56	98 45	90 42	104 31	99 37	103 42
31	H 210005 21-0005H	HOT 190643	HOT 160263	0.0	108 55	104 40	91 41	105 28	100 35	103 39
32	H 210013 21-0013H	CSA 150066	H 180020	2.1	109 65	102 54	97 49	114 39	97 44	106 49
33	H 210017 H 210017	CSA 150066	C 110163	0.8	118 62	100 55	91 53	115 44	98 53	107 51
34	H 210018 21-0018H	CSA 150066	H 180006	1.9	112 67	101 51	94 47	113 39	93 43	101 48
35	H 210020 21-0020H	CSA 150066	BV 180009	1.3	102 64	102 53	105 52	109 42	99 41	107 49
36	H 210024 21-0024H	CSA 150066	H 160005	3.1	123 69	93 54	93 51	115 40	102 50	108 51

Selection List on Cow Values

Cows 2 years and older

ID	Name	Sire ID	Dam ID	% Inbreeding	Calving Ease Value Acc	Calf Growth Value Acc	Milk Value Acc	Maint. Value Acc	Fertility Value Acc	Cow Value Acc
Sorted on ID										
					★★★★★					
37	H 210026 21-0026H	CSA 150066	H 180008	2.6	113 67	100 50	96 47	110 39	95 47	104 48
38	H 210031 21-0031H	CSA 180147	H 170007	1.0	113 63	95 43	83 43	117 31	112 46	103 44
39	H 210035 21-0035H	CSA 160056	CSA 180065	1.8	108 66	108 55	97 55	115 48	93 54	107 53
40	H 210054 21-0054H	CSA 160075	HOT 170358	0.7	103 62	104 49	104 47	82 37	102 48	105 47
41	H 210056 21-0056H	CSA 150066	HOT 130096	7.0	118 70	86 57	100 56	113 48	102 53	103 54
42	H 210066 21-0066H	CSA 180147	H 170003	3.8	106 63	100 44	91 45	112 33	113 48	108 45
43	H 210077 21-0077H	CTM 170038	CTM 180125	8.5	107 59	96 44	83 41	120 35	113 37	102 42
44	H 210085 21-0085H	1636 (P) D5	DO 060236	0.0	108 63	104 58	85 58	81 48	111 56	103 54
45	H 220013 H 220013	CSA 180147	HOT 160289	1.2	113 54	106 44	86 45	107 36	106 44	109 43
46	H 220025 H 220025	VOVA180019	CSA 180052	0.1	90 62	124 65	92 48	82 35	100 48	104 53
47	H 220029 H 220029	VOVA180019	WBT 160123	0.3	90 62	103 53	110 45	83 25	102 45	100 47
48	H 220039 H 220039	VOVA180019	H 150015	0.1	106 61	98 53	102 44	87 28	102 47	102 47
49	H 220046 H 220046	CSA 150066	CSA 140022	2.0	121 63	86 59	100 58	118 44	96 54	103 54
50	H 220057 H 220057	CSA 150066	CSA 140022	2.0	117 60	88 59	102 58	117 44	101 50	105 53
51	H 220073 H 220073	VOVA180019	WBT 170056	0.0	106 61	98 53	107 45	80 26	101 47	103 47
52	H 220076 H 220076	CSA 150066	CSA 140022	2.0	123 63	86 59	99 58	118 44	103 53	108 54
53	H 220085 H 220085	VOVA180019	H 180019	0.3	87 67	117 53	98 39	78 21	100 46	100 47
54	H 220087 H 220087	VOVA180019	OW 180419	0.8	98 67	113 53	95 44	80 29	102 49	103 49
55	H 220105 H 220105	CSA 180063	HOT 190680	0.9	115 65	108 48	89 44	99 34	100 47	109 47
56	H 220107 H 220107	CSA 180063	HOT 190685	1.4	116 65	109 48	80 44	89 36	104 46	106 47
57	H 230005 H 230005	CSA 180063	H 140005	1.0	114 60	100 51	79 46	109 34	105 47	100 47
58	H 230016 MAXLENGTH=20	CSA 150066	H 180027	2.6	116 59	102 51	91 47	110 39	96 43	105 47
59	H 230023 H 230023	CSA 180063	VOVA180153	6.5	111 54	102 50	96 45	106 32	100 42	107 44
60	H 230036 23 036	CSA 150066	H 200029	2.0	114 58	95 53	98 50	114 42	98 45	104 48
61	H 230076 H 230076	VOVA180019	H 200041	0.2	95 65	114 62	93 45	86 30	101 43	101 51
62	H 230085 23 085	CSA 180063	H 200006	3.7	116 56	106 58	85 44	108 36	103 40	109 48
63	H 230121 23 0121	CSA 180063	BV 170034	0.3	113 55	103 62	90 46	99 31	101 40	104 49
64	H 230124 H 230124	CSA 150066	H 200020	7.4	117 57	101 51	93 46	110 39	93 42	104 46
65	H 230146 H 230146	CSA 180063	WBT 170056	6.7	110 64	98 62	100 48	93 35	105 43	107 52
66	H 240016 H 240016	CSA 150066	H 180027	2.6	116 55	102 51	91 47	110 39	96 42	105 46
67	H 240018 H 240018	CSA 160075	CSA 200030	6.4	112 57	88 49	106 46	104 37	105 39	105 45
68	H 240024 H 240024	CSA 150066	H 200056	0.8	115 54	99 51	100 48	108 40	97 43	108 46
69	H 240026 H 240026	CSA 160075	HOT 170358	0.7	104 56	103 49	103 47	82 37	100 41	104 45
70	H 240027 H 240027	CSA 160075	H 200033	2.7	108 55	99 48	104 44	88 34	106 39	109 43

Selection List on Cow Values

Cows 2 years and older

ID	Name	Sire ID	Dam ID	% Inbreeding	Calving Ease Value Acc	Calf Growth Value Acc	Milk Value Acc	Maint. Value Acc	Fertility Value Acc	Cow Value Acc
Sorted on ID										
					★★★★★					
71	H 240029 H 240029	CSA 160075	H 160005	1.9	113 57	90 51	105 48	94 35	104 38	105 45
72	H 240030 H 240030	CSA 160075	VOVA180190	2.5	97 51	101 52	107 45	86 33	107 37	104 44
73	H 240031 H 240031	CSA 160075	HOT 140005	3.3	108 56	99 52	99 50	91 40	108 43	108 47
74	H 240033 H 240033	CSA 160075	H 200015	5.8	102 53	96 47	112 45	92 35	109 38	109 43
75	H 240034 H 240034	CSA 160075	C 100250	1.5	110 58	92 53	104 50	94 36	104 41	103 47
76	H 240053 H 240053	CSA 150066	H 190024	2.0	109 65	103 50	95 46	111 39	94 43	102 47
77	H 240056 H 240056	VOVA180019	CSA 190008	0.1	102 65	99 53	106 46	83 28	99 43	100 48
78	H 240060 H 240060	CSA 150066	H 150023	3.3	117 59	94 54	102 53	113 43	97 47	108 49
79	H 240063 H 240063	CSA 150066	H 180019	0.7	100 66	114 54	97 48	99 38	97 44	106 49
80	H 240072 H 240072	VOVA180019	H 210080	0.2	102 56	110 52	92 41	86 25	99 42	100 44
81	H 240076 H 240076	VOVA180019	H 210046	0.3	113 64	100 50	98 41	80 26	100 42	104 45
82	H 240083 H 240083	CSA 150066	H 210063	0.4	120 65	103 52	93 48	110 39	95 44	109 48
83	H 240113 H 240113	CSA 160075	H 140005	1.9	115 58	88 51	98 49	99 35	104 39	102 46
84	H 240127 H 240127	CSA 150066	CSA 200113	1.7	117 65	97 52	99 49	115 43	93 44	106 49
85	H 240131 H 240131	CSA 160075	HOT 190685	1.2	107 63	97 48	100 47	83 38	104 39	101 46
86	H 240133 H 240133	CSA 160075	H 210024	1.6	115 63	90 49	106 46	100 36	101 39	106 46
87	H 240136 H 240136	CSA 150066	CSA 140022	2.0	117 60	88 59	102 58	117 44	101 50	105 53
88	H 240140 H 240140	CSA 160075	H 210085	0.7	104 63	98 50	102 48	82 38	106 41	103 47
89	H 240147 H 240147	CSA 150066	HOT 160289	4.3	110 66	108 55	91 52	112 44	94 49	104 51
90	H 240149 H 240149	CSA 160075	H 200013	1.6	100 64	91 49	112 47	93 36	111 40	105 46
91	H 240150 H 240150	CSA 160075	VOVA210328	3.6	104 50	99 48	102 45	96 33	103 36	104 42
92	H 240156 H 240156	CSA 160075	H 190019	1.8	96 64	104 48	112 47	80 36	99 36	103 45
93	H 240169 H 240169	CSA 160075	HOT 190680	1.7	105 55	94 48	107 46	91 36	99 40	101 44
94	HOT 130092 OLIVIA	C 100021	DO 022095	0.2	88 73	105 69	115 75	95 57	105 57	107 63
95	HOT 160246 ADELAIDE	C 110154	C 090032	3.6	96 73	110 67	90 69	112 62	113 65	108 63
96	HOT 160289 RY 16-0289HOT	C 110154	DO 060236	5.1	107 71	115 61	86 63	99 52	98 64	106 59
97	HOT 170346 RY 17-0346HOT		C 090253	0.0	89 62	106 52	114 49	95 35	95 52	101 49
98	HOT 170355 RY 17-0355HOT		DO 060236	0.0	109 70	116 54	86 53	83 42	99 56	106 53
99	HOT 170358 RY 17-0358HOT		DO 060236	0.0	106 67	117 55	87 54	81 44	98 56	105 53
100	HOT 180491 IVY	HOT 150135	CSA 150017	2.0	113 63	93 61	99 51	122 38	106 44	109 52
101	HOT 190615 RY 19-0615HOT	HOT 150208	HOT 160246	16.4	99 68	105 56	97 52	118 46	109 55	109 53
102	HOT 190685 RY 19-0685HOT	HOT 160241	HOT 170358	4.7	115 61	102 51	81 53	83 44	106 49	100 49
103	OW 160094 MODEL 16-0094OW	C 110505	C 120052	2.4	115 74	81 64	111 67	142 58	101 66	108 62
104	TOP 230160 TOP 230160	TOP 190155	C 090032	7.3	125 64	97 58	77 57	105 51	113 54	108 54

Selection List on Cow Values

Cows 2 years and older

ID Sorted on ID	Name	Sire ID	Dam ID	% Inbreeding	Calving Ease Value Acc	Calf Growth Value Acc	Milk Value Acc	Maint. Value Acc	Fertility Value Acc	Cow Value Acc
					★★★★★					
105	VOVA180190 PRINCESS DIANNA	VOVA150162	CSA 140022	0.2	91 48	112 62	94 49	89 27	113 45	106 48
106	VOVA190014 19-0014		VOVA160049	0.0	94 48	109 53	89 57	121 39	103 37	101 45
107	VOVA210219 21-0219	VOVA180030	VOVA190138	19.0	97 57	112 61	102 46	96 30	103 41	109 49
108	VOVA210328 21-0328		VOVA180190	2.3	106 43	109 50	85 48	112 31	106 41	106 42
109	WBT 140014 WATERFORD DROUGHTMASTERS 14-0014WBT	C 120001	C 090228	3.3	105 73	106 59	89 57	106 45	104 53	104 56
					★★★★★					
1	BV 170037 D-BOSCHVALLEYFARMS17-003 7BV	BV 140010	C 110513	20.9	106 71	96 68	92 61	104 41	98 52	94 59
2	C 110236 11-0236C	C 070361	DO 060149	1.6	114 72	86 65	90 60	129 40	100 55	95 58
3	CSA 180044 18-0044CSA	OW 140522	OW 160123	10.2	107 72	81 51	91 54	139 43	107 58	92 53
4	CSA 180173 18-0173CSA		C 100267	0.0	76 72	112 63	100 64	108 52	97 59	92 59
5	CTM 220021 22-0021CTM	CTM 170038	CTM 170034	6.4	119 61	83 47	79 43	122 36	114 37	96 44
6	GRB 170215 17-0215GRB	ZON 110001	GRB 130065	0.0	86 54	95 61	120 62	108 25	90 36	92 49
7	GRB 200249 20-0249GRB	C 150050	GRB 140035	1.2	74 51	110 64	113 53	110 29	100 43	98 50
8	H 140005 14-0005H	C 110172	C 100250	7.0	119 72	86 61	78 60	115 37	108 50	94 56
9	H 170001 17-0001C	C 110172	C 110236	1.9	120 69	85 59	87 58	123 37	104 54	98 55
10	H 170006 17-0006H	C 110172	C 100426	3.0	119 72	84 55	92 52	117 39	95 52	93 53
11	H 180006 18-0006H	H 130010	C 100426	1.9	103 70	105 46	93 44	103 33	96 43	98 46
12	H 200062 20-0062H	1636 (P) D5	C 090203	0.0	103 58	96 52	96 49	89 39	108 50	98 48
13	H 210008 21-0008H	C 110243	C 090020	0.8	104 64	103 58	88 59	113 45	101 48	99 53
14	H 210062 21-0062H	CSA 150066	BV 170034	0.4	112 66	93 54	95 50	112 38	99 49	99 50
15	H 210074 21-0074H	1636 (P) D5	HOT 160289	0.0	99 61	106 52	86 51	89 44	107 53	97 50
16	H 220001 H 220001	CSA 160075	H 170012	1.8	104 58	101 47	106 44	85 33	91 45	99 44
17	H 220023 H 220023	VOVA180019	CSA 140022	0.2	97 64	95 58	104 51	92 31	102 51	95 51
18	H 220030 H 220030	VOVA180019	CSA 140022	0.2	98 64	94 58	104 51	92 31	103 51	96 51
19	H 220032 H 220032	VOVA180019	H 170007	0.1	109 58	96 52	83 43	97 23	99 40	90 45
20	H 220034 H 220034	VOVA180019	CSA 140022	0.2	104 63	92 58	101 51	92 31	97 51	92 51
21	H 220036 H 220036	VOVA180019	H 160011	0.1	101 58	98 50	97 39	91 23	96 43	92 44
22	H 220061 H 220061	VOVA180019	H 190019	0.3	95 60	115 61	95 42	76 25	91 43	95 49
23	H 220064 H 220064	VOVA180019	HOT 160263	1.8	88 60	108 63	97 44	90 22	98 44	92 50
24	H 220069 H 220069	VOVA180019	HOT 160243	0.0	98 62	99 55	100 46	90 29	104 49	98 49

Selection List on Cow Values

Cows 2 years and older

ID	Name	Sire ID	Dam ID	% Inbreeding	Calving Ease Value Acc	Calf Growth Value Acc	Milk Value Acc	Maint. Value Acc	Fertility Value Acc	Cow Value Acc
Sorted on ID										
					★★★★					
25	H 220071 H 220071	VOVA180019	H 150019	0.1	94 60	103 51	97 40	91 24	99 47	93 46
26	H 220079 H 220079	VOVA180019	H 190015	0.6	105 60	103 50	90 38	90 22	99 46	96 45
27	H 220080 H220080	VOVA180019	H 190031	0.8	100 58	110 52	84 43	85 27	100 47	95 46
28	H 220089 H 220089	VOVA180019	H 170001	0.4	108 67	95 53	91 43	99 24	100 47	95 48
29	H 220091 H 220091	VOVA180019	H 150023	0.1	98 68	101 53	104 45	87 29	100 48	99 49
30	H 220122 H 220122	VOVA180019	HOT 160246	0.3	91 62	109 55	93 47	90 34	103 50	96 49
31	H 220126 H 220126	VOVA180019	HOT 160246	0.3	93 62	108 55	92 47	90 34	103 50	97 49
32	H 230037 H 230037	VOVA180019	H 170003	0.3	103 59	101 54	91 44	91 25	103 44	96 47
33	H 230039 H 230039	H 180011	VOVA210155	1.8	104 45	104 42	89 31	90 18	102 29	97 35
34	H 230040 H 230040	H 180011	VOVA210155	1.8	104 45	104 42	89 31	90 18	102 29	97 35
35	H 230041 H 230041	VOVA180019	HOT 170355	0.8	97 66	112 52	91 41	80 26	95 43	95 47
36	H 230047 H 230047	VOVA180019	WBT 190095	0.7	80 66	116 50	100 40	81 24	101 39	96 45
37	H 230060 H 230060	CSA 160075	H 170006	7.5	110 65	89 49	106 46	101 36	98 39	99 46
38	H 230066 H 230066	CSA 150066	GRB 170141	0.5	118 63	88 53	94 51	118 37	97 41	98 48
39	H 230084 H 230084	CSA 180063	H 200039	3.6	99 62	101 47	87 42	89 32	101 42	90 44
40	H 230089 H 230089	VOVA180019	C 100456	0.0	96 60	97 54	105 44	90 23	93 43	91 46
41	H 230091 H 230091	VOVA180019	HOT 130096	0.0	108 60	92 56	102 49	87 35	98 45	97 49
42	H 230092 H 230092	VOVA180019	HOT 130096	0.0	108 60	92 56	102 49	87 35	98 45	97 49
43	H 230099 H 230099	VOVA180019	C 100456	0.0	96 60	97 54	105 44	90 23	93 43	91 46
44	H 230101 H 230101	VOVA180019	WBT 160123	0.3	94 59	102 53	108 45	83 25	100 41	99 46
45	H 230103 H 230103	VOVA180019	HOT 130096	0.0	108 60	92 56	102 49	87 35	98 45	97 49
46	H 230105 H 230105	VOVA180019	WBT 160123	0.3	94 59	102 53	108 45	83 25	100 41	99 46
47	H 230107 23 107	VOVA180019	C 100456	0.0	96 60	97 54	105 44	90 23	93 43	91 46
48	H 230108 23 108	CSA 150066	GRB 180050	0.3	107 56	93 66	91 55	123 45	98 43	95 53
49	H 230113 23 113	VOVA180019	H 140005	0.1	108 59	97 53	87 44	92 24	99 41	92 46
50	H 230128 H 230128	VOVA180019	HOT 170346	0.8	88 56	107 51	105 40	85 23	93 42	93 44
51	H 230141 H 230141	VOVA180019	CSA 180081	1.7	95 57	108 51	100 40	85 25	94 41	96 44
52	H 230152 H 230152	VOVA180019	CSA 180081	1.7	95 57	108 51	100 40	85 25	94 41	96 44
53	H 240002 H 240002	VOVA180019	HOT 140005	0.4	100 58	108 54	88 45	87 31	103 45	99 47
54	H 240006 H 240006	VOVA180019	C 080419	0.4	93 61	109 58	96 50	86 31	103 47	99 50
55	H 240045 H 240045	VOVA180019	VOVA210219	0.4	92 55	110 53	99 39	85 21	97 38	97 43
56	H 240047 H 240047	VOVA180019	H 170003	0.3	110 65	98 54	89 44	91 25	103 44	98 48
57	H 240048 H 240048	VOVA180019	HOT 130096	0.0	108 60	92 56	102 49	87 35	98 45	97 49
58	H 240050 H 240050	VOVA180019	CSA 140022	0.2	100 61	94 58	103 51	92 31	101 47	95 50

Selection List on Cow Values

Cows 2 years and older

ID	Name	Sire ID	Dam ID	% Inbreeding	Calving Ease Value	Calf Growth Value	Milk Value	Maint. Value	Fertility Value	Cow Value	
Sorted on ID					Acc	Acc	Acc	Acc	Acc	Acc	
					★★★★						
59	H 240068	H 240068	CSA 150066	H 210047	1.7	109 64	94 52	97 49	105 41	100 45	99 49
60	H 240078	H 240078	VOVA180019	H 210054	0.5	98 64	105 50	100 39	79 24	96 41	96 45
61	H 240081	H 240081	VOVA180019	H 210018	0.4	104 65	103 51	94 39	91 25	92 39	93 45
62	H 240084	H 240084	VOVA180019	OW 130393	0.7	112 62	95 55	90 48	96 33	102 48	98 49
63	H 240091	H 240091	VOVA180019	H 210027	0.4	103 65	107 52	96 40	86 25	96 41	99 46
64	H 240100	H 240100	VOVA180019	C 100041	0.0	87 66	110 54	103 46	82 20	94 41	93 47
65	H 240102	H 240102	VOVA180019	C 110236	0.6	98 66	99 54	94 43	106 25	96 43	90 48
66	H 240105	H 240105	VOVA180019	C 110163	0.4	100 66	106 54	93 46	89 30	97 45	96 49
67	H 240111	H 240111	CSA 160075	HS 190167	5.6	112 65	73 51	108 49	110 40	103 43	94 48
68	H 240122	H 240122	CSA 160075	GRB 180050	1.2	102 63	90 54	102 52	108 41	103 38	96 48
69	H 240141	H 240141	VOVA180019	H 210025	0.1	96 64	104 52	99 42	90 29	99 44	96 47
70	H 240145	H 240145	VOVA180019	H 180006	0.4	93 66	107 50	95 39	87 23	94 39	91 45
71	H 240148	H 240148	VOVA180019	H 170006	0.2	105 59	96 52	94 41	93 25	93 42	90 45
72	HOT 130096	ISABELLA	C 060222	DO 060185	15.6	114 75	77 70	108 74	104 63	105 62	98 65
73	HOT 160263	RY 16-0263HOT	C 100450	FXF 060195	0.0	94 64	106 53	94 59	105 30	98 46	96 50
74	HOT 190680	RY 19-0680HOT	ZON 140011	HOT 160289	5.6	109 64	99 51	94 52	102 39	98 53	99 50
75	HS 190167	19-0167HS	C 110505	C 120081	3.1	114 70	68 62	101 62	127 54	104 62	90 59
76	OW 170279	DAPHNE	C 130014	C 120081	5.6	102 70	90 59	92 60	114 46	111 60	96 57
77	VOVA170053	VIOLET	PE 130015	FXF 100358	0.1	73 56	114 63	96 59	91 19	110 46	94 51
78	VOVA180153	18-0153		CSA 140022	0.0	92 62	89 59	112 56	111 33	100 50	94 52
79	VOVA190034	19-0034		C 100267	0.0	79 68	98 63	107 60	116 42	102 57	91 57
80	VOVA220426	22-0426		TOP 170210	0.0	66 59	106 55	122 53	101 28	94 47	90 49
81	VOVA220473	22-0473	VOVA180019	TOP 170210	0.4	80 62	108 55	110 48	84 26	96 45	92 48
					★★★★☆						
1	BV 170034	D-BOSCHVALLEYFARMS17-003 4BV	BV 140010	SWC 050037	0.0	96 65	91 61	98 55	99 27	100 40	88 51
2	CTM 170034	17-0034CTM	CTM 130203	CTM 130201	4.9	107 73	83 68	66 64	109 56	118 51	82 60
3	GRB 140035	14-0035GRB		GRB 120030	0.0	83 56	85 70	123 72	124 26	91 40	87 55
4	GRB 170141	KYLIE	GRB 150120	GRB 130112	0.2	92 57	89 55	97 60	115 20	103 37	87 47
5	GRB 180050	18-0050GRB	GRB 140026	GRB 110027	1.7	89 62	97 70	86 70	125 53	104 46	86 59
6	H 210012	21-0012H		CSA 180052	0.0	100 53	103 33	107 34	92 31	72 30	87 34
7	H 210071	21-0071H		HOT 140005	0.0	114 52	89 32	102 32	101 27	75 31	84 33

Selection List on Cow Values

Cows 2 years and older

ID Sorted on ID	Name	Sire ID	Dam ID	% Inbreeding	Calving Ease Value Acc	Calf Growth Value Acc	Milk Value Acc	Maint. Value Acc	Fertility Value Acc	Cow Value Acc
★★★★☆										
8	H 210082 21-0082H		C 080419	0.0	102 39	92 38	111 39	100 27	75 33	83 34
9	H 220037 H 220037	VOVA180019	CSA 180044	0.3	94 67	96 51	94 42	114 26	99 48	89 47
10	H 220041 H 220041	VOVA180019	BV 170037	0.3	98 61	102 55	94 44	87 26	94 47	89 48
11	H 220081 H 220081	VOVA180019	H 200005	0.3	93 60	110 50	94 39	84 22	84 47	85 45
12	H 230056 H 230056		HOT 130092	0.0	116 54	81 35	117 37	97 29	70 28	85 35
13	H 230081 H 230081	CSA 150066	CSA 180065	2.0	110 66	85 64	88 53	126 43	99 46	89 54
14	H 230132 H 230132	VOVA180019	GRB 140035	0.2	85 55	97 56	110 48	102 20	91 39	86 46
15	H 230155 H 230155	VOVA180019	GRB 140035	0.2	85 55	97 56	110 48	102 20	91 39	86 46
16	H 230156 H 230156	VOVA180019	GRB 140035	0.2	85 55	97 56	110 48	102 20	91 39	86 46
17	H 230157 H 230157	VOVA180019	GRB 140035	0.2	85 55	97 56	110 48	102 20	91 39	86 46
18	H 230159 H 230159	VOVA180019	GRB 140035	0.2	85 55	97 56	110 48	102 20	91 39	86 46
19	H 240023 H 240023	VOVA180019	GRB 140035	0.2	85 55	97 56	110 48	102 20	91 39	86 46
20	H 240054 H 240054	VOVA180019	GRB 140035	0.2	85 55	97 56	110 48	102 20	91 39	86 46
21	H 240107 H 240107	VOVA180019	GRB 200249	0.4	61 63	118 54	108 41	89 21	96 40	87 46
22	OW 130393 MODEL 13-0393OW	C 110505	C 100083	2.4	98 81	82 68	84 73	120 58	113 69	84 66
23	VOVA210155 21-0155	VOVA180019	VOVA170053	0.7	80 55	111 54	96 43	83 18	101 41	89 45
★★★										
1	H 200009 20-0009H		BV 170034	0.0	98 59	83 30	114 27	99 13	69 24	72 31
2	H 200010 20-0010H		C 090353	0.0	109 53	67 41	111 44	116 34	73 35	70 40
3	H 200059 20-0059H		C 110236	0.0	109 35	80 32	108 30	116 20	68 27	75 29
4	H 210022 21-0022H		CSA 180044	0.0	105 53	78 26	108 27	122 21	71 29	73 30
5	H 240061 H 240061		OW 130393	0.0	114 40	78 34	105 36	111 30	74 35	79 33

Selection List on Cow Values

Bull Calves younger than 2 years

ID		Name	Sire ID	Dam ID	% Inbreeding	Calving Ease Value	Calf Growth Value	Milk Value	Maint. Value	Fertility Value	Cow Value				
Sorted on ID						Acc	Acc	Acc	Acc	Acc	Acc				
						★★★★★									
1	H	260018	H	260018	CSA 210190	H	160008	5.9	115 62	108 45	99 43	101 32	108 36	122 43	
						★★★★★									
1	H	250007	H	250007		VOVA170053	0.0	94 52	135 53	80 50	82 36	104 40	110 46		
2	H	250147	H	250147	CSA 210190	H	210024	3.1	120 61	102 44	92 39	110 33	102 36	113 42	
3	H	250149	H	250149	CSA 210190	C	130019	5.7	116 62	108 43	93 40	100 33	107 36	117 42	
4	H	260010	H	260010	CSA 180063	HOT	180491	0.8	117 63	104 51	90 44	113 34	103 40	112 46	
5	H	260025	H	260025	CSA 180063	H	210066	8.1	115 62	109 46	86 42	106 32	107 41	113 44	
6	H	260026	H	260026	CSA 180063	H	210063	25.1	118 63	113 48	87 43	95 32	100 41	114 45	
7	H	260032	H	260032	CSA 180063	H	200031	0.5	122 62	112 47	86 41	94 32	100 42	114 44	
8	H	260033	H	260033	CSA 210190	HOT	190615	6.3	115 62	106 44	94 40	112 35	106 38	116 43	
9	H	260034	H	260034	CSA 210190	H	200042	3.1	104 60	115 42	101 37	93 31	101 36	114 40	
10	H	260041	H	260041	CSA 180063	WBT	140014	3.0	116 65	111 50	85 45	102 36	102 43	112 47	
11	TOP	260151	TOP	260151	CSA 180194	TOP	230160	9.7	118 64	110 55	88 51	104 42	107 45	118 50	
						★★★★★									
1	H	250015	H	250015	CSA 150066	VOVA190014	0.6	111 61	102 52	91 51	121 42	97 41	104 48		
2	H	250021	H	250021	CSA 160075	HOT	130096	2.2	115 65	79 54	112 53	92 44	103 43	100 50	
3	H	250027	H	250027	VOVA180019	H	160008	0.4	102 65	105 53	101 44	85 24	102 41	104 47	
4	H	250030	H	250030	CSA 160075	H	210026	1.6	105 63	96 48	108 45	95 35	98 38	102 45	
5	H	250037	H	250037	H	220018	H	220014	0.7	95 57	110 37	92 34	87 22	108 33	102 36
6	H	250038	H	250038	H	220018	H	220004	3.7	96 56	108 36	93 32	87 21	110 32	103 35
7	H	250041	H	250041	H	220018	H	220013	1.2	111 56	102 35	88 31	93 20	104 30	103 35
8	H	250042	H	250042	VOVA220120	VOVA230032	18.8	94 55	108 36	102 33	114 26	106 33	109 36		
9	H	250052	H	250052	CSA 210190	H	220095	7.2	110 60	107 42	84 38	107 32	104 35	105 40	
10	H	250054	H	250054	CSA 210190	H	220085	0.7	101 61	116 43	96 36	88 28	101 35	109 41	
11	H	250055	H	250055	CSA 210190	H	220089	2.3	118 60	100 43	90 37	103 29	101 35	107 41	
12	H	250104	H	250104	VOVA180019	H	210089	0.2	101 64	110 52	92 41	86 25	100 42	101 46	
13	H	250112	H	250112	CSA 150066	H	180006	1.9	115 66	100 51	93 47	113 39	93 42	102 48	
14	H	250136	H	250136	H	130010	C	100250	0.1	108 55	108 48	89 44	93 31	100 42	103 44
15	H	250140	H	250140	H	130010	C	100250	0.1	108 55	108 48	89 44	93 31	100 42	103 44

Selection List on Cow Values

Bull Calves younger than 2 years

ID	Name	Sire ID	Dam ID	% Inbreeding	Calving Ease Value	Calf Growth Value	Milk Value	Maint. Value	Fertility Value	Cow Value	
Sorted on ID					Acc	Acc	Acc	Acc	Acc	Acc	
					★★★★☆						
16	H 250143	H 250143	CSA 150066	VOVA170053	1.2	98 55	105 55	95 51	109 37	100 43	100 48
17	H 250158	H 250158	CSA 210190	VOVA210082	2.0	121 58	97 41	97 35	100 28	98 31	108 38
18	H 250161	H 250161	H 130010	C 100250	0.1	108 55	108 48	89 44	93 31	100 42	103 44
19	H 260024	H 260024	CSA 180063	H 210018	1.9	115 63	110 48	88 42	107 34	96 40	109 45
20	H 260029	H 260029	CSA 160075	H 170006	7.5	118 65	85 49	105 46	102 36	98 39	101 46
21	H 260037	H 260037	CSA 160075	H 210017	2.2	114 62	94 49	105 47	100 37	99 40	106 46
22	H 260042	H 260042	CSA 160075	H 200047	7.6	113 62	94 48	105 44	90 34	99 39	104 45
23	H 260044	H 260044	VOVA180019	H 210049	0.3	99 55	106 50	101 41	80 26	100 42	101 44
					★★★★						
1	H 250005	H 250005		CSA 140022	0.0	96 58	88 59	110 56	111 33	99 49	94 51
2	H 250013	H 250013	CSA 160075	GRB 170141	0.7	90 63	93 50	110 49	100 31	102 35	94 45
3	H 250036	H 250036	H 220018	CTM 220021	2.3	91 58	101 36	89 30	105 20	108 28	92 35
4	H 250039	H 250039	H 220018	CSA 220047	1.8	62 60	122 37	104 32	92 20	104 30	94 36
5	H 250061	H 250061	H 220018	H 220122	13.8	76 59	114 39	97 32	87 19	103 33	92 37
6	H 250062	H 250062	H 220018	H 230004	1.5	69 58	124 38	97 33	92 23	105 33	96 37
7	H 250063	H 250063	H 220018	H 220109	2.0	78 60	116 38	100 33	94 22	102 32	98 37
8	H 250065	H 250065	H 220018	H 220126	13.8	84 59	111 39	95 32	87 19	103 33	93 37
9	H 250070	H 250070	H 220018	H 220117	1.0	85 60	115 37	95 32	94 20	102 32	98 37
10	H 250073	H 250073	H 220018	H 220107	0.9	98 59	111 36	89 31	86 21	103 31	99 36
11	H 250075	H 250075	H 220018	H 220087	14.7	78 60	117 38	98 31	81 17	102 32	95 37
12	H 250081	H 250081	VOVA180019	CSA 200030	0.2	117 65	91 51	93 41	95 27	100 41	98 46
13	H 250088	H 250088	VOVA180019	H 190024	0.4	104 65	103 49	94 37	85 21	94 41	94 44
14	H 250091	H 250091	VOVA180019	H 150023	0.1	88 66	106 53	106 45	87 29	97 44	95 48
15	H 250092	H 250092	VOVA180019	H 170003	0.3	110 66	98 54	89 44	91 25	103 44	98 48
16	H 250093	H 250093	CSA 150066	HS 190167	3.3	112 66	80 55	97 52	124 45	97 48	91 51
17	H 250097	H 250097	VOVA180019	H 180019	0.3	79 66	122 53	99 39	78 21	98 41	96 46
18	H 250101	H 250101	VOVA180019	H 210031	0.1	100 63	101 49	90 38	93 22	101 40	93 44
19	H 250106	H 250106	VOVA180019	H 160011	0.1	115 65	92 50	94 39	91 23	96 43	95 45
20	H 250114	H 250114	VOVA180019	C 080419	0.4	90 68	110 58	97 50	86 31	103 47	98 51
21	H 250124	H 250124	VOVA180019	H 200029	0.2	88 65	105 52	101 42	88 27	98 42	92 47
22	H 250128	H 250128	VOVA180019	H 190019	0.3	88 65	114 51	100 41	77 25	94 39	94 45

Selection List on Cow Values

Bull Calves younger than 2 years

ID	Name	Sire ID	Dam ID	% Inbreeding	Calving Ease Value	Calf Growth Value	Milk Value	Maint. Value	Fertility Value	Cow Value	
Sorted on ID					Acc	Acc	Acc	Acc	Acc	Acc	
					★★★★						
23	H 250133	H 250133	VOVA180019	H 180008	0.3	99 65	104 49	96 38	84 22	93 39	92 44
24	H 250134	H 250134	VOVA180019	H 220034	25.1	105 64	96 53	97 40	84 21	94 41	91 46
25	H 250139	H 250139	VOVA180019	CSA 180065	1.6	90 66	111 53	89 45	92 28	98 43	91 48
26	H 250157	H 250157	VOVA180019	H 150015	0.1	93 65	104 53	105 44	87 28	99 43	97 47
27	H 250159	H 250159	VOVA180019	H 200027	0.1	110 65	103 52	89 42	90 29	94 44	96 47
28	H 250160	H 250160	CSA 210190	H 220046	5.0	105 60	93 45	93 42	112 35	100 37	93 43
29	H 260006	H 260006	CSA 210190	CSA 190008	8.4	99 62	94 46	102 45	97 35	105 39	98 44
30	H 260011	H 260011	VOVA180019	H 220061	25.2	107 63	104 53	93 38	76 20	91 39	93 45
31	H 260047	H 260047	VOVA180019	H 180020	0.4	91 58	108 53	99 41	88 23	98 41	95 45
					★★★★☆						
1	H 250067	H 250067	H 220018	H 220071	13.6	72 58	114 37	99 29	87 15	101 31	88 35
2	H 250078	H 250078	H 220018	H 220075	13.0	62 60	119 37	106 29	84 15	98 31	87 36
3	H 250090	H 250090	H 220018	H 220041	14.2	84 58	109 39	96 31	85 16	98 31	89 36
4	H 250151	H 250151	VOVA180019	VOVA180153	12.6	72 65	106 53	108 42	90 22	95 41	85 46
5	H 250153	H 250153	VOVA180019	CSA 180044	0.3	93 67	96 51	94 42	114 26	99 44	89 47
6	H 250155	H 250155	VOVA180019	BV 170034	0.2	92 65	100 53	97 42	86 20	96 39	86 46
7	H 260031	H 260031	H 220018	GRB 140035	0.3	68 58	104 44	112 42	107 16	97 29	86 39

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Selection List on Cow Values

Heifers younger than 2 years

ID	Name	Sire ID	Dam ID	% Inbreeding	Calving Ease Value	Calf Growth Value	Milk Value	Maint. Value	Fertility Value	Cow Value	
Sorted on ID					Acc	Acc	Acc	Acc	Acc	Acc	
					★★★★★						
1	H 250009	H 250009	CSA 150066	H 210049	1.7	113 63	101 52	101 49	104 41	100 45	110 49
2	H 250034	H 250034	CSA 180194	VOVA220426	3.4	76 63	125 55	115 50	102 36	98 43	111 49
3	H 250049	H 250049	CSA 210190	H 220091	2.8	114 61	105 43	97 38	94 30	101 35	111 41
4	H 250145	H 250145	CSA 210190	CTM 180125	5.4	117 62	110 45	83 43	104 37	110 36	116 43
5	H 260002	H 260002	CSA 210190	HOT 170355	2.2	116 63	111 44	88 40	92 33	101 38	111 43
6	H 260017	H 260017	CSA 180063	H 210046	2.2	117 62	109 47	92 44	90 35	105 43	115 45
7	H 260039	H 260039	CSA 180063	VOVA210219	4.2	116 61	110 51	90 42	97 32	102 39	113 45
					★★★★☆						
1	H 250008	H 250008	CSA 150066	H 130007	2.7	111 67	98 54	96 52	119 42	96 47	103 51
2	H 250010	H 250010	CSA 160075	C 110438	1.5	105 64	93 51	115 52	90 33	104 36	107 47
3	H 250018	H 250018	CSA 160075	H 180020	1.9	99 57	99 51	110 47	92 34	103 39	104 45
4	H 250026	H 250026	CSA 160075	H 200020	5.0	98 62	102 47	107 43	89 33	98 36	100 44
5	H 250033	H 250033	CSA 150066	H 210066	1.2	114 56	98 50	92 47	116 39	102 44	106 46
6	H 250043	H 250043	CSA 210190	H 220039	2.8	116 59	100 43	95 37	94 30	102 35	108 40
7	H 250044	H 250044	CSA 210190	H 230019	13.8	109 59	107 42	91 37	104 32	102 33	107 40
8	H 250048	H 250048	CSA 210190	H 220079	1.2	113 59	102 42	89 35	96 28	101 35	103 40
9	H 250050	H 250050	CSA 210190	H 220064	0.2	104 59	110 46	95 37	96 29	101 34	106 41
10	H 250053	H 250053	CSA 210190	H 220073	2.6	115 59	100 43	98 37	90 29	102 35	108 40
11	H 250059	H 250059	CSA 150066	H 220029	1.5	99 64	103 52	103 47	104 38	96 43	101 48
12	H 250116	H 250116	CSA 150066	H 200006	2.0	114 65	102 51	91 49	115 42	97 42	104 48
13	H 250117	H 250117	VOVA180019	HS 200647	0.4	110 66	99 51	97 41	89 27	99 42	101 46
14	H 250122	H 250122	VOVA180019	WBT 170056	0.0	101 66	99 53	108 45	80 26	99 42	101 47
15	H 250137	H 250137	H 130010	C 100250	0.1	108 55	108 48	89 44	93 31	100 42	103 44
16	H 250152	H 250152	CSA 210190	GRB 180050	2.7	108 61	103 49	89 46	116 38	103 35	104 45
17	H 260005	H 260005	CSA 210190	H 200066	1.7	98 60	105 45	103 41	110 33	103 38	107 43
18	H 260007	H 260007	VOVA180019	H 210044	0.3	116 64	99 50	97 41	80 26	101 42	104 45
19	H 260019	H 260019	CSA 160075	HOT 130092	1.6	97 66	97 54	117 53	89 42	103 42	106 50
20	H 260022	H 260022	CSA 180063	C 110236	2.3	116 65	103 52	86 46	117 34	100 43	107 48
21	H 260035	H 260035	CSA 180063	HOT 190680	0.9	115 62	109 48	88 44	100 34	99 43	108 45
22	H 260038	H 260038	CSA 160075	H 180025	2.6	108 63	102 50	104 44	86 34	98 39	105 46

Selection List on Cow Values

Heifers younger than 2 years

ID				Name				Sire ID				Dam ID				% Inbreeding		Calving Ease Value		Calf Growth Value		Milk Value		Maint. Value		Fertility Value		Cow Value					
Sorted on ID																		Acc		Acc		Acc		Acc		Acc		Acc					
																		★★★★															
1	H	250001	H	250001	VOVA180019				VOVA170053				0.7		80	55	111	54	96	43	83	18	101	40	90	44							
2	H	250004	H	250004	CSA 160075				GRB 140035				0.3		86	63	91	54	122	52	107	32	96	36	94	48							
3	H	250011	H	250011	CSA 160075				C 100456				0.7		98	66	90	52	117	49	95	34	98	41	99	48							
4	H	250047	H	250047	H 220018				H 220030				13.2		78	59	108	40	102	33	87	18	103	32	91	37							
5	H	250064	H	250064	H 220018				H 230005				1.2		97	58	109	37	89	32	93	19	104	31	99	36							
6	H	250068	H	250068	H 220018				H 220105				1.1		86	59	115	36	95	31	90	19	101	32	97	36							
7	H	250069	H	250069	H 220018				H 220069				13.3		77	58	111	38	100	31	86	17	103	32	92	36							
8	H	250071	H	250071	H 220018				H 220080				14.7		89	58	111	37	91	30	84	16	101	31	92	35							
9	H	250072	H	250072	H 220018				H 220001				1.4		95	58	105	36	101	31	84	19	97	30	95	35							
10	H	250074	H	250074	H 220018				H 220097				1.1		83	56	111	32	101	28	105	18	102	30	98	33							
11	H	250079	H	250079	H 220018				H 230016				1.1		92	58	109	37	95	32	94	22	99	30	96	36							
12	H	250084	H	250084	VOVA180019				HOT 170346				0.8		81	65	110	51	107	40	84	23	93	42	91	46							
13	H	250089	H	250089	VOVA180019				HOT 160263				1.8		101	65	102	51	94	43	87	22	95	40	92	46							
14	H	250095	H	250095	VOVA180019				H 200019				0.5		108	65	99	50	94	39	89	25	102	42	99	45							
15	H	250100	H	250100	VOVA180019				WBT 160123				0.3		96	67	101	53	108	45	83	25	100	41	99	47							
16	H	250110	H	250110	VOVA180019				HOT 190685				0.4		101	64	105	51	89	41	80	28	99	41	92	46							
17	H	250111	H	250111	VOVA180019				WBT 190095				0.7		81	66	116	50	100	40	81	24	101	39	96	45							
18	H	250113	H	250113	VOVA180019				H 190015				0.6		105	65	103	50	91	38	90	22	96	41	94	45							
19	H	250119	H	250119	VOVA180019				H 160005				0.1		116	65	94	53	92	43	89	24	99	41	98	47							
20	H	250123	H	250123	VOVA180019				HOT 160246				0.3		83	67	113	55	95	47	90	34	102	46	94	50							
21	H	250125	H	250125	VOVA180019				H 210056				0.2		114	66	94	52	97	42	91	28	96	42	98	47							
22	H	250129	H	250129	VOVA180019				CSA 140022				0.2		100	61	94	58	103	51	92	31	101	47	95	50							
23	H	250130	H	250130	VOVA180019				CSA 140022				0.2		100	61	94	58	103	51	92	31	101	47	95	50							
24	H	250131	H	250131	VOVA180019				HOT 170358				0.8		84	65	118	52	94	42	79	27	95	43	92	47							
25	H	250142	H	250142	VOVA180019				WBT 160123				0.3		94	59	102	53	108	45	83	25	100	41	99	46							
26	H	250154	H	250154	VOVA180019				H 210027				0.4		79	65	117	52	100	40	86	25	96	41	94	46							
27	H	250156	H	250156	VOVA180019				H 200072				0.0		79	65	118	51	101	42	79	20	94	41	93	45							
28	H	260012	H	260012	CSA 180063				H 200062				1.9		104	61	97	48	85	43	93	34	104	42	91	45							
29	H	260028	H	260028	CSA 160075				H 220081				1.1		101	62	98	48	106	43	84	32	93	38	95	44							
30	H	260045	H	260045	VOVA180019				H 210035				0.9		98	58	108	52	97	42	92	28	92	42	95	45							
31	H	260046	H	260046	VOVA180019				CTM 170034				0.5		110	59	96	56	81	45	89	32	105	42	92	48							

Selection List on Cow Values

Heifers younger than 2 years

ID		Name	Sire ID	Dam ID	% Inbreeding	Calving Ease Value	Calf Growth Value	Milk Value	Maint. Value	Fertility Value	Cow Value				
Sorted on ID						Acc	Acc	Acc	Acc	Acc	Acc				
						★★★★☆									
1	H	250058	H	250058	CSA 210190	H	220076	5.0	9960	9045	9242	11235	10337	8943	
2	H	250115	H	250115	VOVA180019	OW	170279	0.5	9066	10153	9544	9228	10145	8948	
3	H	250135	H	250135	CSA 210190	H	230009	5.7	10061	9544	8841	11435	10037	8942	
4	H	250144	H	250144	VOVA180019	H	200005	0.3	7365	11950	9839	8422	9642	8945	
5	H	250781	H	250781	H	220018	H	220037	13.8	8060	10737	9630	9716	10132	8836
6	H	260001	H	260001	CSA 210190	H	200020	3.2	10060	9841	8836	9930	9933	8839	
						★★★									
1	H	250085	H	250085	VOVA180019	H	200009	0.1	9463	9546	10534	8516	8035	7841	