



TransTasman Angus Cattle Evaluation

MSA Marbling

RESEARCH BREEDING VALUES

AUGUST 2026

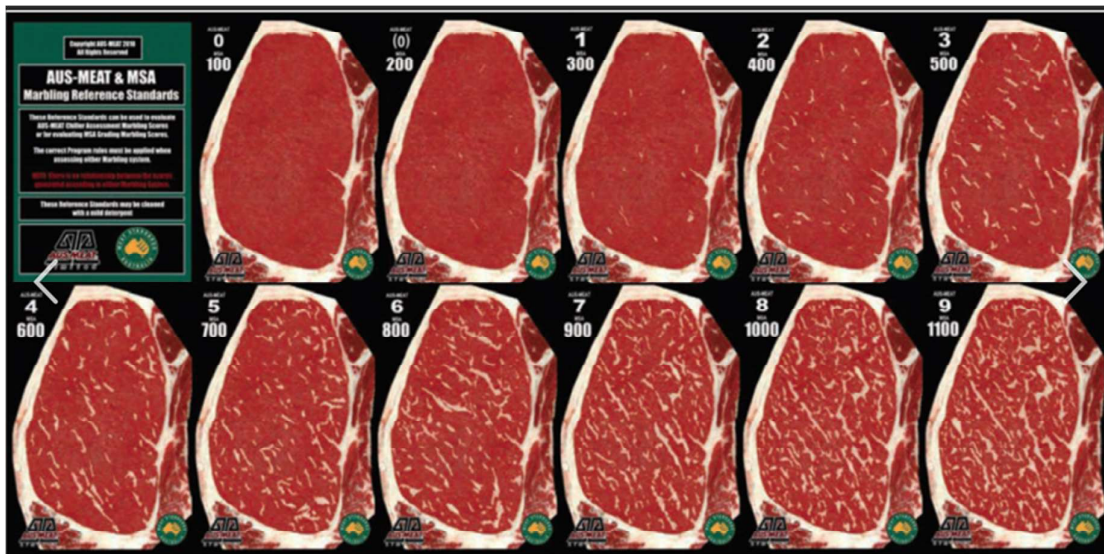
BACKGROUND

Angus Australia has partnered with the Animal Genetics and Breeding Unit (AGBU) and the Agricultural Business Research Institute (ABRI) to undertake research into the genetics Meat Standards Australia (MSA) Marbling Score in Australian Angus Cattle.

MSA Marbling Score, being the subjective visual assessment of intramuscular fat at the chilled carcass grading site, has been identified as a trait of importance, particularly as it is related to Angus carcass value and consumer eating experience. It is also the commercially recognised method for describing marbling in the national grading system, MSA.

As a result of this collaborative research, MSA Marbling Score RBVs are now routinely analyzed every two weeks in the TransTasman Angus Cattle Evaluation (TACE). To underpin this analysis, MSA marbling scores are utilised from both member collected data and from progeny in the Angus Sire Benchmarking Program. Angus animals, mostly steers, that are MSA graded between 300 and 1000 days of age at slaughter are included in the analysis.

MSA Marbling scores are collected using the industry standard 100 – 1100 scoring system (with increments of 10 score unit). A score of 100 indicates no/minimal marbling and a score of 1100 indicates abundant marbling. Along with the amount of marbling, the scores also take into account distribution and size of fleck (i.e. coarse or fine marbling).



Study of the Angus Australia data by AGBU has demonstrated that a significant portion of the differences in the MSA marbling score of individual animals can be attributed to genetics, having a high **heritability of 0.54**. The study also estimated the genetic correlation between MSA marbling score and a wide range of production traits included in the multi-trait analysis model utilized in TACE (from the BREEDPLAN program). As expected, the genetic correlations with carcass IMF, bull ultrasound scan IMF and heifer ultrasound scan IMF had the strongest relationship of 0.80, 0.35 and 0.35 respectively.

From this collaborative research it is now possible to generate breeding values for MSA Marbling Score and select animals for use within Angus breeding programs with desirable genetics for this trait. This is underpinned by a large and growing reference population of MSA Marbling Scores ($n > 10,000$ as of May 2023), coupled with genomic and pedigree data.

UNDERSTANDING THE RESEARCH BREEDING VALUES

MSA Marbling Research Breeding Values (RBVs) are provided in this publication for sires with (i) at least 50% accuracy for their MSA Marbling RBV, and (ii) one or more progeny born in the last two years.

MSA Marbling Score (MMS) RBVs are estimates of genetic differences between animals in MSA marbling score at the 12/13th rib grading site in a 400 kg steer carcass.

MMS RBVs are calculated from MSA marbling scores (taken by a trained/accredited carcass grader), pedigree, genomics and correlated traits (e.g. Carcass IMF, bull and heifer ultrasound scan IMF). MMS EBVs are expressed in MSA marbling score units.

Higher, more positive MMS RBVs indicate the animal is expected to produce progeny with higher marbling scores in a 400 kg steer carcass.

USING THE RESEARCH BREEDING VALUES IN SELECTION

The Research Breeding Values in this publication enable Angus breeders to select animals with desirable genetics for MSA marbling score, balanced with selection for other traits of importance within their breeding objective.

It is important to note that the Research Breeding Values are subject to greater potential change than EBVs routinely reported as part of the TransTasman Angus Cattle Evaluation (TACE) and should be used with caution in animal selection decisions.

Research Breeding Values may change as improvements are made to the analytical models that are used, and as additional performance information is collected.

ACKNOWLEDGEMENTS

Angus Australia gratefully acknowledges the contributions of the Animal Genetics and Breeding Unit (AGBU) and the Agricultural Business Research Institute (ABRI), and in particular Dr Gilbert Jeyaruban, Dr Steve Miller, Dr Natalie Connors, Dr Andrew Swan, Dr David Johnston and Dr Brad Crook, for their significant contributions to the research and development of the Research Breeding Values (RBVs) referenced in this publication. These traits are now calculated and delivered through the TransTasman Angus Cattle Evaluation (TACE) genetic evaluation system. The information presented in this publication is based on the most recent TACE analysis available at the time of publication.

Angus Australia also acknowledges Meat and Livestock Australia (MLA) for the related R&D funding supplied to AGBU and Angus Australia for the ASBP. Also, for overseeing the MSA grading system, including the collection of MSA marbling scores in the ASBP, particularly through the grading by Janie Lau.

DISCLAIMER

The Research Breeding Values contained within this publication were calculated from data supplied to Angus Australia by members and/or third parties. Whilst every effort is made to ensure the accuracy of the data, Angus Australia, its officers and employees, assume no responsibility for the accuracy of the RBVs, nor the outcome (including consequential loss) of an action taken based on the information presented in this publication.

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Ident	Name																												
Sire Dam	Reg.	MSA MBL RBV	Calv-Ease		Birth		Growth			Maternal		Fert		Carcase						Feed	Temp	Structural			Selection Index				
			Dir	Dtrs	GL	BW	200	400	600	MCW	Milk	SS	DC	CW	EMA	Rib	P8	RBY	IMF	NFI-F	Doc	Claw	Angle	Leg	\$A	\$A-L			
QRB22T10 USA17328461 NBNH88	AISTHORPE LM TORNADO T10 HBR	+85 76% 46	+1.2 73% 66	-3.4 64% 94	-5.7 89% 33	+5.1 87% 77	+55 87% 37	+98 86% 39	+127 86% 39	+111 83% 37	+16 78% 59	+3.6 80% 11	-4.1 54% 70	+73 78% 40	+7.9 78% 37	-0.9 78% 71	-2.2 79% 80	+1.0 73% 16	+1.9 80% 65	-0.31 68% 7	+8 81% 92	+0.90 79% 63	+0.92 79% 37	+0.72 74% 2	\$200 65	\$345 65			
NXO21S957 NXOQ654 NXOP733	AJC S957 ^{PV} APR	+237 74% 1	+5.8 74% 25	+9.4 61% 3	-5.1 92% 42	+3.3 92% 39	+54 90% 42	+97 90% 42	+127 90% 37	+70 85% 90	+23 79% 15	+2.4 83% 41	-8.6 47% 3	+71 79% 44	+7.9 77% 37	+2.1 78% 13	+1.3 78% 26	-1.0 70% 97	+8.1 79% 1	+0.22 65% 48	+36 83% 8	+0.96 81% 74	+0.92 81% 37	+0.94 76% 25	\$313 1	\$473 1			
ARRR11 CAN2043806 QMUN24	ALKIRA RENEGADE R11 ^{PV} HBR	-1 89% 95	+7.5 69% 12	+5.9 60% 25	-4.0 96% 60	+2.5 95% 23	+48 93% 70	+98 93% 39	+127 93% 37	+97 88% 58	+26 82% 7	+2.1 86% 53	-8.7 56% 3	+78 90% 26	+5.9 89% 60	+1.1 88% 27	+0.3 90% 41	+0.2 79% 58	+1.3 91% 78	+0.51 83% 78	+1 89% 99	+0.74 89% 30	+0.84 89% 20	+0.94 84% 25	\$233 29	\$403 21			
SYM22T325 SYMR215 SYM230	ALLEDALE TRUE BLUE T325 ^{PV} HBR	+132 71% 18	+2.6 72% 54	+5.0 60% 35	-7.0 97% 17	+3.2 96% 37	+62 94% 13	+108 89% 16	+144 87% 11	+114 83% 33	+17 77% 54	+2.0 85% 56	-7.3 46% 11	+85 77% 13	+8.0 72% 36	+1.8 72% 86	-0.1 73% 48	-0.1 64% 74	+4.7 75% 11	-0.52 64% 2	+24 91% 35	+0.78 68% 38	+0.96 68% 47	+0.78 67% 4	\$282 3	\$458 3			
DGJG10 VTMB1 DGJZ15	ALLOURA GET CRACKING G10 ^{SV} HBR	+188 93% 4	+7.7 95% 11	+6.8 87% 17	-3.0 99% 74	+2.7 99% 27	+44 98% 85	+74 98% 94	+86 98% 97	+86 98% 74	+12 98% 85	-0.5 97% 99	-8.5 78% 4	+47 96% 94	+14.1 94% 3	+1.4 95% 22	+0.5 95% 38	+0.9 92% 20	+5.7 94% 4	+0.43 89% 71	+7 98% 94	+0.48 96% 3	+0.96 96% 47	+0.92 94% 20	\$271 5	\$426 9			
DGJQ30 WWEL3 DGJK117	ALLOURA QUINELLA Q30 ^{SV} HBR	+278 89% 1	+0.8 74% 69	-0.2 68% 83	+0.3 94% 98	+3.0 93% 32	+52 92% 51	+96 91% 45	+118 92% 57	+121 87% 23	+14 82% 75	+3.3 83% 16	-7.2 63% 12	+65 89% 62	+14.4 88% 3	+0.1 87% 48	+0.5 88% 38	+0.8 79% 24	+7.2 90% 1	+0.40 82% 68	+15 89% 72	+0.88 85% 59	+1.06 85% 71	+1.16 81% 86	\$275 4	\$448 4			
DGJ21S14 USA18217198 DGJQ02	ALLOURA SYNERGY S14 ^{PV} HBR	+79 76% 50	+4.6 76% 35	+6.1 66% 23	-7.8 93% 10	+2.9 93% 30	+60 92% 17	+106 90% 19	+138 91% 18	+131 86% 14	+15 79% 69	+3.1 81% 20	-6.5 55% 20	+81 80% 19	+7.3 78% 44	+0.6 78% 37	-1.2 79% 66	+0.3 71% 52	+3.1 80% 36	+0.61 69% 85	+22 90% 44	+0.96 81% 74	+1.08 81% 75	+0.94 78% 25	\$243 20	\$431 8			
CGKR232 NORN542 CGKM152	ALPINE RONALDO R232 ^{PV} HBR	+116 89% 27	+6.0 72% 23	+6.7 63% 17	-5.6 97% 34	+2.2 95% 19	+56 94% 34	+102 94% 29	+140 94% 16	+113 89% 33	+24 82% 11	+2.9 90% 25	-5.1 59% 47	+78 90% 26	+11.3 89% 11	-3.5 88% 98	-5.1 89% 98	+0.7 80% 29	+3.6 91% 26	-0.17 83% 13	+24 90% 30	+0.60 91% 10	+0.82 91% 17	+1.02 88% 48	\$235 27	\$405 19			
NAQA241 USA2928 NAQW38	ARDROSSAN EQUATOR A241 ^{PV} HBR	+49 98% 72	-1.2 99% 81	+2.6 98% 61	-4.4 99% 54	+4.1 99% 56	+49 99% 63	+91 99% 60	+121 99% 51	+109 99% 40	+20 99% 34	+3.2 99% 18	-8.6 96% 3	+82 99% 17	+7.8 98% 38	-2.0 98% 88	-0.6 98% 57	+1.1 98% 13	+1.9 98% 65	+0.64 96% 87	+25 99% 34	+0.48 99% 3	+0.88 99% 28	+1.00 99% 42	\$226 36	\$384 34			
NAQQ67 NMMN334 NAQL96	ARDROSSAN NECTAR Q67 ^{PV} HBR	+51 88% 70	+5.5 86% 27	+6.5 73% 19	-11.1 98% 1	+3.4 98% 41	+55 98% 36	+99 96% 37	+128 97% 36	+128 91% 16	+11 92% 90	+3.0 92% 23	-7.5 60% 9	+53 91% 89	+4.8 89% 72	+1.5 88% 20	-0.5 89% 55	-0.2 80% 78	+2.6 90% 48	+0.12 82% 37	+38 97% 5	+0.38 91% 1	+0.84 92% 20	+1.06 85% 61	\$219 45	\$407 18			
QQFH147 VTME343 NMMF123	ASCOT HALLMARK H147 ^{PV} HBR	+114 94% 27	-4.0 96% 91	+1.1 90% 74	-5.0 99% 44	+7.0 99% 96	+60 98% 17	+109 98% 14	+150 98% 6	+137 98% 9	+14 98% 74	+3.7 98% 10	-5.6 81% 36	+78 97% 24	-1.5 95% 99	+0.7 96% 35	-0.2 96% 50	-0.9 94% 96	+3.2 96% 34	+0.28 90% 55	+18 97% 60	+0.50 95% 4	+0.88 95% 28	+1.06 94% 61	\$188 76	\$352 60			
HIOE7 VTMB219 BVVB32	AYRVALE BARTEL E7 ^{PV} HBR	+129 98% 20	+8.2 99% 8	+8.7 97% 5	-4.4 99% 54	+1.8 99% 14	+50 99% 62	+86 99% 73	+113 99% 69	+75 99% 86	+25 99% 8	+2.6 99% 35	-9.8 94% 1	+63 98% 67	+7.4 98% 43	-0.2 98% 55	+0.8 98% 33	+1.0 98% 16	+3.7 98% 24	+0.28 96% 55	+5 99% 96	+1.06 99% 88	+1.02 99% 62	+1.12 99% 77	\$294 1	\$452 3			
NBB21S86 NMMP15 NBBQ25	BALD BLAIR STIRLING S86 ^{PV} HBR	+80 88% 50	+4.6 80% 35	+9.2 69% 3	-3.8 96% 63	+2.6 96% 25	+66 95% 6	+112 95% 10	+150 95% 7	+127 90% 17	+20 84% 32	+4.0 92% 7	-4.9 62% 52	+92 89% 5	+6.3 88% 55	-1.1 87% 74	-4.2 88% 95	+0.0 80% 69	+3.3 90% 32	-0.08 82% 19	+3 93% 97	+0.68 92% 20	+0.62 93% 2	+1.08 90% 67	\$237 25	\$420 12			
Breed Average EBVs			+81.	+2.4	+3.1	-4.6	+3.8	+52	+94	+121	+102	+18	+2.3	-5.1	+69	+6.9	+0.1	-0.2	+0.4	+2.6	+0.24	+21	+0.83	+0.97	+1.02	+211	+360		

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Ident	Name																										
Sire	Reg.	MSA	MBL	Calv-Ease		Birth		Growth			Maternal		Fert		Carcase						Feed	Temp	Structural			Selection Index	
Dam		RBV		Dir	Dtrs	GL	BW	200	400	600	MCW	Milk	SS	DC	CW	EMA	Rib	P8	RBY	IMF	NFI-F	Doc	Claw	Angle	Leg	\$A	\$A-L
ECMM114	BANNABY BERKLEY M114 ^{SV}	+105		+3.9	+2.9	-9.5	+4.2	+56	+96	+136	+164	+6	+4.0	-9.1	+65	+2.7	-1.3	-3.8	+0.3	+2.5	-0.02	+17	+0.82	+0.82	+1.08	\$194	\$402
VTMB1	HBR	86%		79%	71%	95%	94%	92%	93%	93%	88%	86%	88%	67%	87%	87%	87%	87%	81%	88%	80%	85%	87%	88%	84%		
BBAZ107		32		42	58	3	59	33	45	21	2	99	7	2	61	89	78	93	52	50	24	65	47	17	67	71	21
VONN462	BANQUET NUTTELLA N462 ^{PV}	+19		-3.2	+1.7	-4.0	+7.3	+57	+106	+145	+109	+22	+3.5	-4.8	+70	+3.0	-0.3	-1.6	+0.0	+1.4	-0.46	+54	+0.58	+0.98	+0.90	\$192	\$334
VONJ507	HBR	87%		86%	72%	96%	98%	97%	97%	96%	92%	92%	95%	61%	91%	89%	89%	90%	83%	90%	79%	96%	81%	81%	75%		
VONK224		89		89	69	60	97	26	20	11	39	19	13	54	47	87	58	72	69	76	3	1	8	52	16	73	72
MBA22T17	BARNETT TITUS T17 ^{PV}	+157		+8.2	+8.0	-2.9	+3.0	+69	+116	+153	+145	+19	+2.2	-7.1	+95	+7.8	+0.6	-0.4	-0.9	+5.9	+0.56	+30	+1.02	+0.74	+0.82	\$280	\$489
USA19180956	HBR	72%		66%	57%	91%	90%	90%	86%	85%	82%	77%	80%	43%	77%	72%	71%	72%	63%	76%	64%	83%	68%	68%	59%		
HIOP51		9		8	8	76	32	3	6	5	6	41	49	13	4	38	37	53	96	3	82	19	83	7	6	3	1
NBNN239	BEN NEVIS NEWSFLASH N239 ^{PV}	+33		+0.6	+2.8	-4.0	+4.9	+59	+99	+134	+117	+16	+0.9	-2.1	+83	+5.4	-2.4	+0.0	+0.5	+1.3	+0.23	+9	+1.02	+1.02	+0.92	\$191	\$335
USA16956101	HBR	90%		87%	76%	98%	98%	96%	97%	97%	94%	94%	93%	65%	92%	91%	91%	92%	86%	92%	84%	92%	94%	93%	90%		
NBNH215		82		71	59	60	73	20	36	25	28	59	89	96	16	66	92	46	40	78	49	90	83	62	20	74	72
NBNP122	BEN NEVIS PRIME P122 ^{PV}	+158		+4.2	+6.6	+0.4	+2.4	+54	+84	+104	+68	+13	+2.7	-4.7	+55	+5.9	+1.4	+2.8	-0.6	+4.5	+0.38	+21	+0.72	+0.78	+0.98	\$239	\$371
USA17960722	HBR	87%		80%	70%	94%	95%	94%	94%	94%	90%	88%	89%	61%	89%	88%	87%	88%	80%	89%	81%	85%	92%	91%	88%		
NBNM115		9		39	18	98	22	39	78	83	91	84	31	56	86	60	22	10	91	13	66	48	26	11	36	23	45
NBNR138	BEN NEVIS RONAN R138 ^{PV}	+28		+2.9	+5.5	-8.3	+3.6	+72	+119	+147	+136	+13	+2.2	-5.0	+78	+9.4	-1.8	-2.5	+0.7	+1.1	-0.08	+29	+0.72	+0.92	+0.98	\$251	\$436
USA17960722	HBR	78%		77%	69%	88%	91%	90%	90%	90%	86%	80%	82%	58%	82%	78%	79%	80%	72%	81%	72%	85%	85%	88%	84%		
NBNP153		84		52	29	8	45	2	4	9	10	81	49	49	25	23	86	84	29	82	19	22	26	37	36	14	6
WMYF3	BLACKROCK F3 ^{SV}	+20		+4.8	+5.0	-8.9	+2.7	+50	+86	+118	+84	+15	+1.0	-2.2	+83	+7.3	-0.3	+0.1	+0.2	+1.9	+0.43	+23	+1.04	+1.18	+1.10	\$190	\$318
VLYC402	HBR	88%		80%	70%	95%	95%	94%	93%	93%	90%	90%	91%	63%	89%	88%	88%	89%	81%	90%	81%	90%	87%	87%	83%		
WMYD120		88		34	35	5	27	61	73	58	77	66	87	95	15	44	58	44	58	65	71	40	86	90	72	75	81
NGXQ227	BONGONGO BE QUICK Q227 ^{PV}	+191		+5.1	+2.0	-3.6	+2.7	+50	+92	+115	+66	+24	+3.8	-3.4	+64	+11.3	+0.9	+2.9	+0.1	+5.7	+1.06	+18	+0.68	+1.14	+1.12	\$257	\$386
VLYM518	HBR	90%		74%	67%	98%	98%	96%	96%	96%	94%	87%	92%	67%	91%	91%	90%	91%	83%	92%	84%	91%	88%	88%	85%		
NGXN221		3		31	67	66	27	58	57	65	92	13	9	82	65	11	31	10	63	4	99	63	20	85	77	10	33
NGX22T1003	BONGONGO T1003 ^{PV}	+183		+6.4	+8.9	-9.5	+0.5	+49	+96	+124	+74	+21	+2.8	-7.7	+79	+9.1	+3.1	+3.5	-0.6	+5.8	+1.03	+13	+1.10	+1.08	+1.02	\$288	\$449
VLYR4010	HBR	76%		72%	64%	94%	92%	90%	88%	87%	85%	80%	86%	51%	79%	77%	77%	78%	70%	80%	69%	86%	75%	75%	71%		
BHRQ710		4		20	4	3	4	65	44	43	87	28	28	8	23	25	5	6	91	3	98	79	91	75	48	2	4
NUIF32	BONNY BROOKE FALCO F32 ^{SV}	+33		-2.5	-9.3	-0.5	+6.5	+56	+85	+114	+100	+17	-0.9	-0.7	+72	-2.2	+2.2	+1.2	-1.2	+2.4	-0.52	+19	+0.98	+0.96	+1.06	\$125	\$224
NGMC196	HBR	84%		70%	58%	92%	90%	91%	90%	91%	85%	80%	79%	55%	85%	83%	83%	84%	74%	83%	76%	83%	79%	79%	74%		
NUID96		82		87	99	95	93	32	75	67	54	58	99	99	41	99	12	27	99	53	2	57	78	47	61	98	99
HCAQ63	BOONAROO GENIUS Q63 ^{SV}	+115		+10.2	+5.0	-5.3	+0.5	+47	+88	+106	+94	+18	+1.4	-8.0	+60	+1.9	+3.1	+4.4	-0.6	+3.6	-0.46	+28	+0.72	+0.92	+1.10	\$231	\$393
NGMG120	HBR	77%		79%	69%	91%	96%	94%	94%	91%	91%	86%	90%	54%	83%	81%	82%	82%	76%	82%	69%	93%	90%	91%	87%		
HCAK233		27		2	35	39	4	75	70	80	63	49	77	6	76	93	5	3	91	26	3	22	26	37	72	31	27
HCA22T221	BOONAROO GENIUS T221 ^{PV}	+185		+7.8	+3.7	-4.5	+1.4	+50	+90	+107	+76	+15	+0.6	-7.3	+74	+9.1	+2.4	+3.0	-0.2	+5.7	-0.40	+18	+0.82	+1.04	+1.24	\$278	\$428
HCAQ63	HBR	74%		68%	60%	91%	93%	89%	86%	86%	83%	77%	81%	46%	77%	74%	74%	75%	65%	77%	65%	86%	75%	76%	71%		
HCAQ11		4		10	49	52	10	58	64	78	85	70	93	11	36	25	10	9	78	4	4	63	47	67	95	3	9
NGME124	BOOROOMOOKA INSPIRED E124	+44		-5.5	-0.8	-6.0	+3.8	+46	+82	+107	+104	+15	+0.9	-8.9	+83	+3.6	-0.2	+3.8	-0.3	+2.3	+0.95	+18	+0.82	+0.82	+0.80	\$196	\$335
NAQA241	HBR	94%		97%	92%	99%	99%	98%	98%	98%	98%	98%	98%	84%	97%	96%	96%	96%	95%	96%	90%	98%	97%	97%	96%		
NGMB325		75		94	86	29	50	79	82	80	47	73	89	3	15	83	55	5	82	55	97	61	47	17	5	69	72
Breed Average EBVs		+81.		+2.4	+3.1	-4.6	+3.8	+52	+94	+121	+102	+18	+2.3	-5.1	+69	+6.9	+0.1	-0.2	+0.4	+2.6	+0.24	+21	+0.83	+0.97	+1.02	+211	+360

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Breed Average EBVs

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Ident	Name																											
Sire			MSA	MBL	Calv-Ease		Birth		Growth			Maternal		Fert		Carcase						Feed	Temp	Structural			Selection Index	
Dam	Reg.	RBV	Dir	Dtrs	GL	BW	200	400	600	MCW	Milk	SS	DC	CW	EMA	Rib	P8	RBV	IMF	NFI-F	Doc	Claw	Angle	Leg	\$A	\$A-L		
NBHP392	CLUNIE RANGE PLANTATION	+134	+4.7	+4.3	-5.1	+4.3	+67	+116	+144	+116	+26	+5.3	-4.6	+67	-1.1	-0.3	-1.2	-1.5	+4.2	+0.33	+26	+0.70	+0.88	+0.84	\$220	\$392		
USA17960722	HBR	90%	87%	81%	99%	99%	98%	98%	98%	97%	96%	98%	74%	94%	92%	92%	92%	87%	92%	84%	98%	98%	98%	97%				
NBHM516		18	35	43	42	61	5	6	12	29	7	1	59	57	99	58	66	99	17	61	30	23	28	8	44	28		
WDCH249	COONAMBLE HECTOR H249 ^{SV}	+13	+0.1	+1.7	-8.3	+4.6	+45	+80	+99	+92	+5	+1.3	-4.8	+45	+9.0	+4.3	+4.1	+0.6	+0.3	-0.42	+38	+0.42	+0.50	+0.78	\$182	\$314		
USA14885809	HBR	94%	96%	90%	99%	99%	98%	98%	98%	98%	98%	98%	81%	97%	95%	96%	96%	94%	95%	90%	98%	96%	97%	94%				
WDCE9		91	74	69	8	67	80	86	89	67	99	80	54	96	26	2	4	34	93	4	5	2	1	4	80	83		
WDCJ266	COONAMBLE JUNIOR J266 ^{PV}	+92	-6.4	-5.3	+0.0	+5.6	+55	+98	+133	+128	+15	+1.8	-4.2	+90	+9.4	-4.8	-4.9	+1.4	+3.1	-0.27	+19	+0.90	+0.74	+1.00	\$189	\$325		
BNAD145	HBR	91%	90%	81%	98%	98%	97%	97%	97%	95%	97%	96%	74%	94%	92%	93%	93%	90%	93%	86%	94%	94%	92%					
WHHA61		41	96	97	97	84	35	40	27	16	69	64	68	7	23	99	98	6	36	8	58	63	7	42	76	77		
WDCK314	COONAMBLE KEVIN K314 ^{PV}	-2	+0.5	+2.8	-1.3	+4.6	+50	+101	+135	+108	+25	+4.6	-6.0	+86	+7.4	+0.3	+0.7	+0.2	+1.5	+0.66	+43	+0.52	+1.18	+1.22	\$204	\$361		
NAQA241	HBR	90%	88%	77%	96%	98%	97%	96%	96%	93%	95%	94%	70%	92%	90%	91%	91%	87%	91%	83%	87%	86%	86%	83%				
WDGD94		95	71	59	91	67	59	32	23	41	9	3	28	12	43	43	35	58	74	88	2	4	90	94	61	53		
USA19611994	DB ICONIC G95 ^{PV}	+130	+4.8	+6.5	-3.3	+2.8	+68	+125	+154	+144	+15	+3.3	-6.5	+86	+6.0	-0.1	+0.4	-0.7	+4.4	+0.25	+38	+1.22	+1.00	+0.82	\$269	\$478		
USA18467508	HBR	90%	80%	69%	97%	97%	95%	95%	95%	92%	90%	92%	64%	92%	91%	90%	89%	83%	92%	83%	88%	98%	98%	84%				
USA18974126		19	34	19	70	29	4	2	5	6	73	16	20	11	59	53	40	93	14	52	5	98	57	6	5	1		
NJS21S15	DEVANAH SATURN S15 ^{PV}	+70	+3.7	+1.7	-7.6	+3.6	+63	+108	+141	+106	+25	+4.1	-6.7	+84	+8.9	-0.4	-0.4	+0.0	+2.3	+0.42	+15	+0.92	+1.06	+0.96	\$255	\$420		
USA18636106	HBR	87%	75%	65%	93%	93%	92%	92%	91%	87%	82%	88%	59%	88%	87%	87%	88%	79%	89%	82%	87%	92%	92%	89%				
QHEJ100		57	44	69	12	45	11	15	14	44	9	6	17	14	27	60	53	69	55	70	74	67	71	30	12	12		
NJS22T48	DEVANAH TOLEDO T48 ^{PV}	-23	+7.1	+6.1	-0.8	+2.9	+58	+102	+134	+96	+22	+1.8	-5.9	+90	+7.1	+2.1	+3.7	-0.4	+1.5	+0.50	+26	+0.84	+1.24	+1.26	\$246	\$408		
GTNM6	HBR	79%	74%	67%	94%	92%	92%	92%	91%	87%	80%	86%	58%	82%	82%	82%	83%	76%	83%	72%	86%	90%	90%	87%				
NJSQ2		99	14	23	94	30	23	27	24	60	21	64	30	7	46	13	6	86	74	77	31	51	95	97	18	17		
WKGQ202	DIAMOND ONE ALL IN Q202 ^{SV}	+12	-9.0	-8.4	-5.7	+8.5	+75	+128	+175	+151	+20	+3.2	-4.4	+109	+9.5	-4.6	-4.8	+1.7	-0.7	-1.44	+31	+0.90	+0.60	+0.72	\$214	\$369		
WKGN129	HBR	89%	72%	59%	94%	92%	91%	90%	91%	87%	80%	80%	53%	89%	88%	88%	89%	78%	91%	83%	87%	85%	85%	79%				
WKGL21		91	98	99	33	99	1	1	1	4	30	18	63	1	22	99	97	3	99	1	17	63	1	2	50	46		
NGC21S068	DULVERTON SMART MISSILE	+118	+4.2	+1.6	-3.1	+2.0	+57	+97	+128	+94	+12	+1.9	-3.6	+69	+7.4	-0.1	+1.2	+0.0	+3.0	-0.37	+32	+0.96	+1.18	+1.06	\$230	\$373		
USA18170041	HBR	78%	78%	69%	96%	95%	94%	94%	94%	88%	84%	91%	58%	83%	81%	81%	81%	75%	82%	71%	92%	87%	87%	84%				
NGCM191		25	39	70	73	16	28	41	36	63	85	60	79	49	43	53	27	69	38	5	13	74	90	61	33	42		
BHRQ1163	DUNOON QUICK DRAW	+170	-1.8	+1.3	-5.9	+3.8	+57	+108	+141	+114	+23	+3.6	-3.6	+74	+8.9	-0.5	-1.6	-0.2	+5.5	+0.65	+12	+0.74	+0.60	+0.90	\$225	\$376		
BHRN394	HBR	80%	70%	61%	98%	98%	96%	97%	96%	95%	89%	92%	55%	86%	86%	86%	86%	81%	86%	70%	91%	88%	89%	84%				
BHRK074		7	84	73	30	50	27	15	15	32	14	11	79	37	27	62	72	78	5	87	84	30	1	16	38	40		
CYIR18	EBONY BEEF BILLIE RAY R18 ^{PV}	+43	+1.8	+7.2	-3.3	+5.5	+66	+105	+128	+69	+23	+2.9	-6.8	+81	+12.7	-1.9	-0.2	+0.7	+1.9	+0.74	-3	+1.02	+0.88	+1.04	\$300	\$441		
QMUM13	APR	87%	71%	66%	93%	93%	91%	91%	91%	87%	81%	82%	59%	87%	87%	86%	87%	78%	89%	81%	87%	87%	87%	84%				
CYIM611		76	61	13	70	83	6	21	36	91	15	25	16	18	6	87	50	29	65	91	99	83	28	55	1	5		
USA16198796	EF COMPLEMENT 8088 ^{PV}	+35	+4.8	+6.1	-4.6	+3.0	+52	+98	+131	+101	+21	+1.5	-7.5	+74	+7.9	+1.3	+0.7	+0.8	+1.5	+0.47	+20	+0.94	+1.28	+1.18	\$251	\$418		
USA14686137	HBR	97%	99%	96%	99%	99%	99%	99%	99%	99%	99%	99%	93%	98%	98%	98%	98%	97%	98%	95%	99%	99%	99%	99%				
USA15452880		81	34	23	50	32	48	39	30	53	29	74	9	37	37	23	35	24	74	75	55	71	97	89	14	12		
WWEL3	ESSLEMONT LOTTO L3 ^{PV}	+144	-5.1	-4.3	-5.3	+4.7	+60	+110	+140	+134	+15	+3.6	-10.1	+88	+14.9	-0.7	+0.6	+1.6	+3.8	+0.25	+15	+1.12	+1.02	+1.12	\$298	\$478		
HIOG18	HBR	96%	87%	87%	99%	99%	99%	99%	99%	98%	98%	98%	85%	97%	96%	97%	97%	96%	97%	93%	99%	98%	98%	98%				
WWEJ8		14	94	96	39	69	17	13	16	11	73	11	1	9	2	66	36	4	23	52	74	93	62	77	1	1		
Breed Average EBVs			+81.	+2.4	+3.1	-4.6	+3.8	+52	+94	+121	+102	+18	+2.3	-5.1	+69	+6.9	+0.1	-0.2	+0.4	+2.6	+0.24	+21	+0.83	+0.97	+1.02	+211	+360	

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Ident	Name																													
Sire			MSA		MBL		Calv-Ease		Birth		Growth			Maternal		Fert		Carcase						Feed	Temp	Structural			Selection Index	
Dam	Reg.	RBV	Dir	Dtrs	GL	BW	200	400	600	MCW	Milk	SS	DC	CW	EMA	Rib	P8	RBY	IMF	NFI-F	Doc	Claw	Angle	Leg	\$A	\$A-L				
WWEQ24	ESSLEMONT QUOKKA Q24 ^{PV}	+73	+5.2	+1.2	-4.7	+1.4	+41	+78	+90	+48	+16	+3.7	-8.1	+62	+16.7	+1.2	+0.4	+2.3	+2.4	+0.91	+28	+0.80	+0.88	+0.94	\$279	\$406				
WWEN12	HBR	89%	70%	64%	96%	96%	94%	94%	93%	89%	83%	91%	59%	90%	89%	88%	89%	80%	91%	84%	88%	81%	81%	78%						
WWEN7		55	30	73	49	10	91	89	96	99	63	10	5	71	1	25	40	1	53	96	23	42	28	25	3	18				
WWE21S6	ESSLEMONT SEAN S6 ^{PV}	+175	+4.8	+5.5	-5.7	+2.7	+57	+98	+113	+97	+13	+4.4	-7.7	+76	+16.9	+1.6	-0.5	+1.5	+5.2	+0.56	+26	+1.08	+1.24	+1.16	\$309	\$482				
NGMN418	HBR	89%	70%	65%	94%	91%	91%	91%	92%	88%	82%	83%	59%	89%	88%	88%	89%	79%	90%	83%	89%	84%	84%	80%						
WWEN7		6	34	29	33	27	28	38	69	59	83	4	8	31	1	19	55	5	7	82	29	90	95	86	1	1				
WWE22T2	ESSLEMONT TESLA T2 ^{PV}	+245	+8.3	+7.1	-9.0	+1.3	+59	+102	+132	+103	+18	+3.9	-6.8	+76	+2.5	-1.0	-2.4	-0.9	+7.3	-0.02	+31	+0.58	+1.00	+1.00	\$263	\$437				
CSWQ011	HBR	78%	73%	66%	95%	94%	93%	91%	90%	86%	80%	88%	55%	81%	80%	80%	80%	74%	81%	71%	90%	83%	83%	79%						
WWEQ23		1	7	14	5	9	21	29	27	48	48	8	16	30	90	73	82	96	1	24	16	8	57	42	7	6				
WKG22T2	GANDY FAIR N SQUARE T2 ^{SV}	+4	+7.9	+2.9	-11.4	+2.1	+54	+101	+124	+66	+21	+1.7	-8.4	+69	+0.4	+4.6	+5.3	-1.3	+1.3	+0.52	+35	+0.84	+0.80	+0.92	\$250	\$397				
USA19418329	HBR	74%	74%	60%	93%	92%	91%	91%	91%	86%	78%	81%	47%	79%	79%	80%	79%	73%	80%	64%	88%	85%	85%	78%						
WKGP24		94	9	58	1	18	39	30	43	92	24	67	4	51	97	1	2	99	78	79	8	51	14	20	15	24				
WKG23U120	GANDY MAN IN BLACK U120 ^{SV}	+140	+7.3	+6.4	-5.6	+2.5	+65	+116	+143	+122	+21	+4.0	-7.6	+88	+2.2	+0.3	-0.3	-1.1	+4.5	+0.62	+29	+0.92	+1.04	+1.00	\$260	\$453				
USA19955191	HBR	70%	72%	57%	93%	90%	89%	85%	85%	82%	75%	79%	41%	75%	69%	70%	71%	61%	74%	61%	85%	73%	73%	63%						
WKGR98		15	13	20	34	23	7	6	12	22	28	7	8	8	92	43	51	98	13	85	21	67	67	42	9	3				
USA18217198	G A R ASHLAND ^{PV}	+81	+2.8	+4.3	-5.9	+3.2	+65	+114	+143	+116	+17	+1.4	-3.3	+86	+13.1	-2.5	-2.2	+1.2	+2.6	+0.15	+12	+1.20	+1.12	+0.86	\$263	\$427				
USA17354178	HBR	95%	97%	89%	99%	99%	99%	99%	99%	98%	98%	99%	84%	97%	97%	97%	97%	96%	96%	91%	99%	99%	99%	98%						
USA16934264		49	53	43	30	37	7	8	12	29	57	77	84	12	5	93	80	10	48	40	83	97	82	10	8	9				
USA16295688	G A R PROPHET ^{SV}	+123	+2.8	+5.6	-0.7	+3.8	+67	+108	+132	+86	+22	+0.7	-5.3	+70	+3.9	-0.2	-1.1	-1.0	+4.9	+0.81	+26	+1.00	+0.82	+0.92	\$266	\$413				
USA13009379	HBR	97%	98%	95%	99%	99%	99%	99%	99%	99%	99%	99%	91%	98%	97%	98%	98%	97%	97%	94%	99%	99%	99%	98%						
USA15129456		23	53	28	94	50	5	16	27	74	21	92	42	47	81	55	65	97	9	94	29	81	17	20	6	15				
USA18690054	GB FIREBALL 672 ^{PV}	+177	+2.3	+7.8	-4.8	+2.5	+61	+100	+128	+120	+18	+2.8	-6.9	+72	+14.2	-2.9	-4.9	+0.9	+5.3	+0.55	+12	+1.06	+0.94	+0.82	\$271	\$447				
USA17965471	HBR	93%	96%	86%	99%	99%	99%	99%	99%	98%	98%	98%	77%	96%	95%	95%	95%	93%	95%	88%	99%	99%	99%	98%						
USA18054344		5	57	9	47	23	16	35	36	24	50	28	15	40	3	95	98	20	6	81	83	88	42	6	5	4				
QBV21S073	GLENISA PATENT S073 ^{SV}	+52	+3.7	+5.0	-5.1	+5.4	+65	+115	+139	+129	+13	+2.5	-5.3	+75	+3.4	-0.9	+0.0	-0.3	+1.9	-0.11	+21	+0.92	+0.82	+0.98	\$228	\$410				
USA19199070	HBR	73%	72%	57%	93%	92%	90%	90%	90%	85%	77%	80%	44%	78%	78%	78%	78%	71%	78%	62%	86%	83%	84%	78%						
QBVJ018		70	44	35	42	81	7	7	17	15	79	38	42	33	85	71	46	82	65	17	48	67	17	36	34	17				
QBGH221	GLENOCH HINMAN H221 ^{SV}	+155	+7.3	-3.5	-2.8	+2.8	+54	+92	+124	+112	+19	+0.7	-4.1	+83	+6.8	-2.2	-5.3	+0.8	+5.4	-0.28	+8	+0.80	+0.78	+1.06	\$217	\$362				
BNAD145	HBR	90%	84%	76%	97%	97%	96%	96%	96%	92%	94%	95%	71%	92%	92%	91%	92%	88%	92%	85%	87%	89%	89%	85%						
QBGD80		10	13	94	77	29	43	56	43	35	37	92	70	16	49	90	98	24	5	8	91	42	11	61	47	51				
DKKM41	HARDHAT H708 MAIMURU J51	+181	+0.4	+2.9	-1.9	+2.1	+42	+91	+118	+94	+11	+1.1	-3.7	+62	+1.8	+1.0	-1.9	-0.5	+6.2	+0.05	+25	+1.06	+1.00	+1.12	\$191	\$326				
NORH708	APR	90%	76%	67%	95%	94%	92%	92%	92%	88%	85%	86%	66%	90%	89%	89%	90%	82%	91%	84%	89%	89%	90%	86%						
DKKJ51		4	72	58	87	18	90	60	58	63	89	85	77	70	93	29	76	89	2	30	34	88	57	77	74	77				
DKK22T2	HARDHAT M518 TATUM T2 ^{PV}	+129	-5.6	-0.2	-9.8	+4.4	+64	+106	+139	+132	+17	+1.0	-1.7	+73	+7.7	-3.0	-2.5	-0.1	+4.0	-0.04	+30	+0.74	+0.74	+0.96	\$188	\$329				
VLYM518	HBR	78%	77%	68%	93%	92%	90%	90%	90%	86%	80%	82%	58%	81%	81%	81%	81%	75%	82%	72%	86%	87%	87%	83%						
NKLF143		20	94	83	3	63	9	20	16	13	57	87	97	39	39	96	84	74	20	22	19	30	7	30	76	75				
NHZF1023	HAZELDEAN F1023 ^{SV}	+190	+5.2	+1.0	-2.7	+3.0	+38	+72	+82	+60	+14	+3.5	-5.5	+48	+8.7	+2.5	-0.1	+0.1	+5.8	+1.29	+11	+0.48	+1.00	+1.04	\$212	\$332				
VTMB1	APR	93%	94%	84%	98%	98%	98%	98%	97%	97%	97%	97%	80%	96%	94%	95%	95%	92%	95%	98%	98%	97%	97%	95%						
NHZB723		3	30	75	78	32	96	96	98	95	74	13	38	94	29	9	48	63	3	99	85	3	57	55	53	73				
Breed Average EBVs		+81.	+2.4	+3.1	-4.6	+3.8	+52	+94	+121	+102	+18	+2.3	-5.1	+69	+6.9	+0.1	-0.2	+0.4	+2.6	+0.24	+21	+0.83	+0.97	+1.02	+211	+360				

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Ident	Name																											
Sire Dam	Reg.	MSA MBL RBV	Calv-Ease		Birth		Growth			Maternal		Fert		Carcase						Feed	Temp	Structural			Selection Index			
			Dir	Dtrs	GL	BW	200	400	600	MCW	Milk	SS	DC	CW	EMA	Rib	P8	RBY	IMF	NFI-F	Doc	Claw	Angle	Leg	\$A	\$A-L		
NHZQ1229 NHZF1023 NHZJ823	HAZELDEAN Q1229 ^{PV} APR	+117 91% 26	+1.6 85% 63	+4.6 72% 39	-3.1 98% 73	+4.3 98% 61	+55 98% 36	+99 98% 35	+122 97% 49	+73 94% 88	+20 91% 34	+4.2 97% 5	-7.4 69% 10	+75 93% 34	+11.7 92% 9	-0.2 91% 55	-2.7 92% 86	+0.3 85% 52	+4.1 93% 18	+0.95 85% 97	+29 98% 21	+0.64 96% 14	+0.98 97% 52	+0.96 92% 30	\$270 5	\$413 15		
NHZQ319 NHZM586 NHZL1175	HAZELDEAN Q319 ^{PV} APR	+142 91% 15	+5.7 85% 25	+9.8 70% 2	-8.6 98% 6	+2.4 98% 22	+55 97% 35	+105 97% 20	+141 97% 15	+138 94% 9	+13 90% 84	+3.2 97% 18	-11.2 68% 1	+81 93% 19	+2.5 92% 90	+2.3 91% 11	+0.7 92% 35	-0.9 85% 96	+4.9 93% 9	+0.62 84% 85	+27 97% 25	+0.76 96% 34	+1.02 96% 62	+1.12 88% 77	\$266 6	\$484 1		
NHZR265 NHZM182 NHZN294	HAZELDEAN RENEGADE R265 ^{PV} APR	+102 79% 34	+5.8 79% 25	-0.8 65% 86	+0.4 98% 98	+4.0 98% 54	+51 96% 54	+99 97% 36	+135 96% 23	+126 90% 18	+19 85% 43	+1.7 96% 67	-2.0 53% 96	+70 84% 48	+6.0 84% 59	-1.8 83% 86	-2.7 84% 86	+0.0 77% 69	+3.9 84% 21	-0.14 70% 15	+30 96% 19	+0.68 91% 20	+0.84 91% 20	+0.96 77% 30	\$173 86	\$330 75		
NHZ21S2055 NORL519 NHZK458	HAZELDEAN SYNERGY S2055 ^{PV} APR	+42 79% 76	+8.8 74% 5	+8.4 68% 6	-12.2 98% 1	+1.8 97% 14	+60 95% 17	+108 96% 15	+147 95% 8	+130 88% 14	+26 81% 8	+2.8 95% 28	-7.5 61% 9	+83 82% 15	+7.5 84% 41	-1.2 83% 76	-3.2 83% 90	+0.5 78% 40	+2.1 84% 60	+0.04 72% 29	+17 95% 64	+0.28 91% 1	+0.52 91% 1	+0.84 73% 8	\$245 18	\$439 6		
DOJ22T194 CSWQ011 DOJK187	HIGHRENT QUARTERBACK T194 APR	+196 76% 3	+6.9 72% 16	+8.2 65% 7	-6.9 90% 18	+2.1 92% 18	+57 89% 27	+102 87% 29	+146 87% 10	+89 84% 70	+34 79% 1	+3.0 85% 23	-5.8 53% 32	+83 79% 16	+3.9 76% 81	+1.8 77% 16	+2.2 78% 15	-1.9 70% 99	+6.7 79% 1	-0.33 70% 6	+34 83% 10	+0.54 70% 6	+1.12 71% 82	+0.96 69% 30	\$259 9	\$420 12		
CBJ21S13 CSWQ011 ASHP141	HILLS VIEW SAM S13 ^{PV} HBR	+141 77% 15	+5.3 72% 29	+4.1 65% 45	-3.1 95% 73	+3.5 94% 43	+57 92% 29	+113 91% 9	+145 91% 10	+118 87% 26	+22 79% 20	+2.3 88% 45	-3.5 55% 81	+72 81% 42	+5.1 80% 69	+0.1 81% 48	+0.4 81% 40	-0.5 74% 89	+4.0 81% 20	-0.04 70% 22	+30 90% 19	+0.64 88% 14	+0.72 88% 6	+0.94 85% 25	\$226 36	\$397 24		
USA20427019 USA17882682 USA19200093	HOOVER ABOUT IT ^{PV} HBR	+47 78% 73	-1.1 80% 81	+4.4 62% 41	-2.4 97% 82	+1.2 97% 8	+55 95% 36	+105 95% 22	+133 94% 26	+93 88% 65	+23 81% 16	+2.8 92% 28	-4.0 49% 72	+77 83% 28	+9.1 84% 25	+2.4 83% 10	+3.0 81% 9	-0.2 76% 78	+2.2 84% 58	+0.76 66% 92	+21 93% 49	+0.74 91% 30	+0.76 91% 9	+0.64 84% 1	\$225 37	\$368 47		
NZE13300018 WWEL3 NZE13300116373	KAKAHU PIVOTAL 18004 ^{PV} HBR	+175 88% 5	+3.9 75% 42	+0.2 68% 80	-6.8 96% 19	+3.7 97% 48	+52 96% 50	+97 95% 41	+116 96% 61	+62 92% 94	+27 91% 4	+3.5 93% 13	-8.6 67% 3	+81 90% 19	+8.8 89% 28	+1.0 89% 29	+1.7 90% 21	+0.3 83% 52	+4.5 91% 13	+0.69 82% 89	+2 91% 88	+0.72 89% 26	+0.90 88% 33	+1.04 84% 55	\$296 1	\$435 7		
FCJ21S132 USA18170041 NZE21180117268	KAKAHU S132 ^{PV} HBR	+170 77% 7	+2.3 73% 57	+4.2 67% 44	-1.7 98% 88	+3.5 97% 43	+55 96% 35	+98 95% 38	+128 95% 36	+83 88% 78	+22 80% 20	+3.2 90% 18	-3.4 57% 82	+70 81% 46	+7.5 83% 41	-3.8 82% 99	-4.0 82% 94	+0.3 77% 52	+4.6 83% 12	-0.32 70% 7	+33 84% 12	+0.78 85% 38	+0.94 84% 42	+0.76 79% 3	\$230 32	\$362 52		
GXNQ209 USA18463791 VLYL1327	KELLY ANGUS QUINN Q209 ^{SV} HBR	+38 87% 79	+7.8 77% 10	+9.4 64% 3	-7.2 96% 15	+2.4 95% 22	+67 93% 5	+120 93% 4	+143 93% 12	+126 89% 18	+27 82% 4	+0.6 85% 93	-10.7 57% 1	+82 88% 18	+5.3 88% 67	-2.7 87% 94	-3.8 88% 93	+0.4 79% 46	+2.3 90% 55	-0.26 81% 9	+36 86% 7	+1.32 85% 99	+1.22 85% 93	+1.16 81% 86	\$297 1	\$504 1		
NDIP481 USA17354145 NDIL236	KENNY'S CREEK PINNACLE P481 HBR	+163 89% 8	+1.3 83% 65	+0.4 73% 79	-3.7 98% 65	+3.3 98% 39	+49 97% 66	+89 97% 67	+119 97% 56	+67 94% 92	+23 91% 14	+0.6 95% 93	-3.3 64% 84	+78 92% 25	+4.3 91% 77	+1.4 90% 22	+1.3 91% 26	-1.4 84% 99	+6.3 92% 2	+1.26 84% 99	+17 91% 65	+0.94 92% 71	+0.96 92% 47	+0.88 89% 13	\$215 49	\$327 76		
KILK18 USA16417285 USA15107929	KILLAIN ALASKA K18 ^{PV} HBR	-22 86% 98	-12.7 76% 99	-6.8 65% 99	-0.1 91% 96	+6.9 89% 96	+65 89% 6	+119 89% 4	+160 89% 3	+168 87% 1	+16 85% 66	+4.0 84% 7	-2.3 53% 94	+81 86% 19	+6.6 85% 52	-3.3 85% 97	-5.0 86% 98	+1.0 82% 16	-1.1 88% 99	-0.62 77% 2	+32 81% 15	+1.06 77% 88	+0.74 77% 7	+1.02 66% 48	\$114 99	\$262 96		
BLAP91 HIOG18 BLAL06	KNOWLA PEPPER P91 ^{PV} HBR	+42 91% 76	+6.3 80% 20	+1.3 73% 73	-5.1 96% 42	+3.8 95% 50	+61 94% 14	+117 93% 5	+147 94% 9	+173 91% 1	+8 89% 98	+1.9 91% 60	-9.7 66% 1	+67 92% 56	+8.5 91% 31	+2.7 90% 7	-0.1 91% 48	+0.6 83% 34	+2.4 92% 53	+0.41 85% 69	-2 91% 99	+0.96 92% 74	+1.00 92% 57	+1.00 89% 42	\$258 10	\$489 1		
Breed Average EBVs			+81.	+2.4	+3.1	-4.6	+3.8	+52	+94	+121	+102	+18	+2.3	-5.1	+69	+6.9	+0.1	-0.2	+0.4	+2.6	+0.24	+21	+0.83	+0.97	+1.02	+211	+360	

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Ident	Name																											
Sire			MSA	MBL	Calv-Ease		Birth		Growth			Maternal		Fert		Carcase						Feed	Temp	Structural			Selection Index	
Dam	Reg.	RBV			Dir	Dtrs	GL	BW	200	400	600	MCW	Milk	SS	DC	CW	EMA	Rib	P8	RBY	IMF	NFI-F	Doc	Claw	Angle	Leg	\$A	\$A-L
BLAR190	KNOWLA REVOLUTION R190 ^{PV}	+157			+10.8	+5.7	-11.9	+0.4	+39	+80	+104	+69	+24	+2.5	-4.0	+58	+14.5	+3.7	+2.9	+0.0	+5.1	+0.79	+40	+0.70	+1.00	+1.00	\$224	\$356
BLAN127	HBR	83%			71%	61%	97%	96%	94%	94%	94%	90%	83%	91%	55%	85%	85%	84%	85%	77%	87%	75%	89%	90%	90%	87%		
BLAP172		10			1	27	1	4	94	86	83	91	12	38	72	80	2	3	10	69	7	93	4	23	57	42	39	57
BLA21S48	KNOWLA SO RIGHT S48 ^{PV}	+184			+6.3	+1.3	-5.2	+3.1	+54	+99	+129	+115	+20	+2.4	-4.6	+80	+7.1	+0.5	+2.1	-0.4	+5.0	+0.19	+27	+0.72	+0.98	+1.00	\$230	\$396
USA18837398	HBR	89%			87%	77%	99%	99%	98%	98%	98%	96%	92%	98%	59%	92%	91%	90%	91%	82%	92%	82%	99%	97%	97%	95%		
BLAL21		4			20	73	41	34	40	35	34	31	31	41	59	20	46	39	16	86	8	45	26	26	52	42	32	25
BLA21S44	KNOWLA SUPERIOR S44 ^{PV}	+119			+7.9	+1.9	-8.7	+1.8	+52	+103	+135	+132	+7	+1.8	-4.6	+74	+7.7	-0.2	+1.7	+0.3	+3.5	+0.32	+39	+0.48	+0.78	+0.82	\$223	\$404
BLAN127	HBR	77%			71%	62%	96%	96%	94%	92%	90%	86%	80%	88%	51%	81%	78%	79%	80%	72%	81%	69%	91%	85%	86%	82%		
BLAQ69		25			9	68	6	14	49	27	23	13	99	64	59	36	39	55	21	52	28	60	5	3	11	6	39	20
BLA22T72	KNOWLA TOP NOTCH T72 ^{PV}	+102			+6.7	+1.7	-8.1	+3.3	+58	+109	+143	+148	+9	+3.6	-3.8	+79	+6.8	-0.9	-0.9	+0.6	+3.1	-0.53	+27	+0.70	+0.84	+1.06	\$212	\$402
BLAN127	HBR	75%			68%	60%	92%	90%	89%	89%	89%	85%	78%	81%	49%	78%	79%	79%	79%	72%	80%	67%	85%	86%	86%	82%		
BLAN14		35			17	69	9	39	22	14	12	5	95	11	76	22	49	71	61	34	36	2	28	23	20	61	52	21
NZCP117	KO B074 BEAST MODE P117 ^{PV}	+129			+1.8	+6.0	-5.4	+1.8	+59	+100	+123	+113	+11	+2.2	-5.8	+54	+1.1	+0.9	-0.1	-1.2	+4.0	+0.47	+12	+0.62	+0.52	+0.72	\$211	\$375
USA17960722	HBR	89%			84%	73%	98%	98%	97%	97%	96%	96%	92%	92%	63%	91%	91%	91%	91%	85%	92%	82%	91%	92%	92%	88%		
NZCM67		20			61	24	38	14	20	35	46	33	89	49	32	86	96	31	48	99	20	75	82	12	1	2	54	41
TFA21S1944	LANDFALL SUMMIT S1944 ^{PV}	+136			+6.1	+5.2	-6.6	+3.1	+52	+106	+137	+116	+24	+2.5	-5.9	+71	+9.7	+1.6	+1.8	+0.0	+4.1	+0.48	+25	+0.68	+0.74	+0.84	\$250	\$430
NORL519	HBR	79%			77%	69%	98%	98%	97%	96%	95%	88%	82%	95%	60%	83%	84%	84%	84%	78%	84%	73%	96%	93%	94%	89%		
TFAN829		17			22	32	21	34	50	20	20	29	14	38	30	45	20	19	19	69	18	75	33	20	7	8	14	8
VLYL483	LAWSONS LINKEDIN L483 ^{SV}	+59			+4.3	-6.9	-1.2	+4.2	+58	+108	+151	+143	+24	+4.0	-5.6	+101	+9.0	-1.6	+1.8	+0.3	+2.1	-0.20	+19	+1.02	+0.82	+0.92	\$217	\$396
HKFJ5	HBR	90%			87%	79%	98%	98%	97%	97%	97%	95%	96%	94%	69%	93%	90%	89%	91%	85%	91%	83%	89%	85%	85%	81%		
VLYH221		65			38	99	92	59	24	16	6	7	11	7	36	2	26	83	19	52	60	12	58	83	17	20	47	25
VLYQ44	LAWSONS MIRACULOUS Q44 ^{PV}	+93			+5.3	+0.2	-7.7	+3.5	+50	+93	+108	+104	+13	+3.2	-4.1	+45	+17.9	-0.2	+0.1	+1.8	+1.8	+0.18	+35	+0.94	+0.92	+0.96	\$228	\$382
VLYM518	HBR	88%			80%	70%	97%	96%	94%	94%	94%	92%	89%	91%	63%	90%	88%	88%	89%	81%	90%	82%	85%	85%	85%	81%		
VLYK914		41			29	80	11	43	61	55	77	47	84	18	70	96	1	55	44	2	67	44	9	71	37	30	34	35
VLYM518	LAWSONS MOMENTOUS M518	+204			-1.0	+1.9	-5.2	+3.9	+50	+91	+115	+79	+23	+2.8	-2.1	+53	+11.7	-1.2	+0.1	+0.2	+5.9	+0.62	+36	+0.86	+1.00	+1.14	\$224	\$341
USA17354145	HBR	96%			98%	93%	99%	99%	99%	99%	99%	99%	99%	99%	87%	98%	97%	97%	97%	96%	97%	93%	99%	99%	99%	99%		
VLYH229		2			80	68	41	52	59	60	63	83	14	28	96	89	9	76	44	58	3	85	7	55	57	82	39	68
VLYR4010	LAWSONS ROCKY R4010 ^{PV}	+124			+6.2	+8.3	-4.8	+2.4	+53	+95	+121	+80	+21	+2.7	-4.2	+79	+12.1	+1.5	+1.1	+0.4	+4.3	+1.43	+19	+0.94	+0.98	+1.08	\$261	\$409
USA17354145	HBR	87%			84%	77%	99%	99%	98%	98%	98%	97%	95%	98%	63%	92%	90%	91%	91%	85%	90%	80%	99%	99%	99%	98%		
VLYP4005		22			21	7	47	22	44	49	51	82	25	31	68	23	8	20	29	46	15	99	56	71	52	67	9	17
VLYR1217	LAWSONS ROMULUS R1217 ^{PV}	+151			+1.4	+6.8	-5.2	+4.1	+64	+110	+151	+123	+18	+1.4	-2.1	+85	+11.7	-3.8	-5.0	+1.5	+3.9	+0.65	+16	+1.16	+1.08	+1.02	\$252	\$411
USA18217198	HBR	88%			77%	68%	94%	92%	91%	90%	91%	87%	81%	84%	60%	88%	87%	86%	87%	79%	89%	82%	86%	84%	84%	80%		
VLYN976		11			65	17	41	56	8	13	6	21	44	77	96	13	9	99	98	5	21	87	71	95	75	48	14	16
MAN22T221	MANDAYEN MAINLAND T221 ^{PV}	+110			+9.8	+7.3	-6.7	+1.4	+52	+92	+126	+80	+25	+3.5	-5.9	+81	+13.5	-1.2	-1.1	+1.3	+3.3	+0.73	+24	+0.76	+0.90	+0.94	\$272	\$422
TFAQ494	HBR	73%			75%	64%	98%	98%	97%	91%	88%	85%	78%	85%	48%	79%	74%	75%	75%	67%	77%	66%	95%	71%	71%	71%		
MANR461		30			2	13	20	10	50	59	40	82	9	13	30	19	4	76	65	8	32	91	36	34	33	25	5	11
CHK21S093	MANEROO PARTNERS S093 ^{SV}	+137			+1.9	+1.4	-2.8	+4.6	+60	+100	+125	+114	+15	+3.0	-6.5	+72	+14.6	-2.3	-3.3	+1.2	+4.0	+0.30	+32	+1.02	+1.02	+1.00	\$265	\$429
USA19266718	APR	76%			72%	64%	92%	93%	91%	91%	90%	86%	79%	81%	54%	80%	80%	80%	80%	74%	80%	68%	84%	84%	84%	79%		
CHKN068		16			61	72	77	67	17	33	43	32	73	23	20	42	2	91	91	10	20	57	14	83	62	42	7	8
Breed Average EBVs			+81.		+2.4	+3.1	-4.6	+3.8	+52	+94	+121	+102	+18	+2.3	-5.1	+69	+6.9	+0.1	-0.2	+0.4	+2.6	+0.24	+21	+0.83	+0.97	+1.02	+211	+360

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Ident	Name																										
Sire Dam	Reg.	MSA MBL RBV	Calv-Ease		Birth		Growth			Maternal		Fert		Carcase						Feed	Temp	Structural			Selection Index		
			Dir	Dtrs	GL	BW	200	400	600	MCW	Milk	SS	DC	CW	EMA	Rib	P8	RBV	IMF	NFI-F	Doc	Claw	Angle	Leg	\$A	\$A-L	
NMMG18 NZE12170004408 NMMD85	MILLAH MURRAH HIGHLANDER HBR	+15 90% 90	-0.2 85% 76	-2.2 75% 91	-2.9 97% 76	+4.7 96% 69	+49 94% 66	+86 94% 74	+109 94% 76	+85 91% 76	+18 89% 50	+3.8 90% 9	-2.3 66% 94	+77 91% 28	+10.9 90% 13	-3.5 90% 98	-1.6 91% 72	+2.1 84% 1	-0.2 92% 97	-0.01 85% 25	+16 91% 68	+0.78 84% 38	+0.94 85% 42	+0.98 80% 36	\$178 83	\$291 91	
NMMK35 NZE469 NMMG41	MILLAH MURRAH KINGDOM K35 HBR	-42 94% 99	-9.9 96% 99	-4.2 91% 96	-2.0 99% 86	+8.8 99% 99	+55 98% 35	+100 98% 33	+138 98% 18	+149 98% 5	+10 98% 93	+0.9 98% 89	-5.8 83% 32	+64 97% 66	+7.1 95% 46	+0.0 96% 51	-0.1 96% 48	+1.0 94% 16	-0.9 95% 99	-0.71 90% 1	+29 98% 21	+0.86 96% 55	+1.32 96% 98	+1.20 94% 91	\$149 95	\$297 89	
NMMK42 NGMT30 NMMH4	MILLAH MURRAH KLOONEY K42 HBR	+81 95% 49	+2.5 96% 55	+1.0 91% 75	-5.9 99% 30	+5.6 99% 84	+47 99% 74	+85 99% 77	+108 99% 78	+89 98% 71	+21 98% 27	+2.2 98% 49	-5.5 85% 38	+66 97% 58	+6.7 96% 51	-1.5 96% 81	-3.2 96% 90	+1.2 95% 10	+2.2 96% 58	+0.09 91% 34	+17 99% 65	+0.84 97% 51	+0.92 97% 37	+1.06 95% 61	\$201 64	\$333 73	
NMML133 USA17091363 NMMH49	MILLAH MURRAH LOCH UP L133 HBR	+45 94% 74	+6.1 95% 22	+4.4 89% 41	-5.4 99% 38	+4.8 99% 71	+59 98% 20	+100 99% 33	+131 98% 29	+103 98% 48	+24 98% 12	+2.1 93% 53	-3.2 84% 85	+79 97% 23	+1.6 96% 94	-2.2 96% 90	-3.8 95% 93	-0.6 96% 91	+2.0 96% 62	-0.01 90% 25	+32 99% 14	+0.72 98% 26	+1.10 97% 79	+1.16 96% 86	\$178 83	\$325 77	
NMMM308 NZE14647008839 NMMH331	MILLAH MURRAH MILESTONE HBR	+84 88% 47	+6.6 86% 18	+5.5 76% 29	-6.8 98% 19	+4.6 98% 67	+41 97% 92	+77 97% 91	+88 96% 96	+73 95% 88	+14 94% 73	+2.8 96% 28	-4.1 71% 70	+40 91% 98	+4.3 90% 77	+2.5 91% 9	+4.4 91% 3	-0.4 86% 86	+2.6 91% 48	+0.21 82% 47	+18 96% 61	+0.82 85% 47	+0.96 85% 47	+1.18 83% 89	\$180 82	\$310 84	
NJWE158 NZEE230 VTMX114	MILWILLAH LAD E158 ^{SV} HBR	+141 90% 15	-3.6 85% 90	-8.2 77% 99	-8.1 95% 9	+7.9 97% 99	+41 97% 92	+78 96% 89	+106 96% 80	+108 93% 41	+8 96% 97	+2.0 93% 56	-5.0 65% 49	+43 92% 97	+8.9 91% 27	-0.7 91% 66	-5.1 91% 98	+1.4 86% 6	+3.3 92% 32	+0.31 83% 58	+13 90% 80	+0.78 80% 38	+0.86 80% 24	+0.76 72% 3	\$156 93	\$276 94	
BWFQ33 USA18181757 BWFN9	MOOGENILLA QUINELLA Q33 ^{PV} HBR	+159 92% 9	+2.6 86% 54	+8.9 76% 4	-6.2 99% 26	+3.9 99% 52	+59 99% 21	+113 99% 8	+145 98% 10	+84 98% 77	+30 97% 2	+3.1 98% 20	-4.3 70% 65	+92 95% 5	+9.2 94% 24	-0.4 94% 60	+0.7 94% 35	-0.6 90% 91	+5.2 94% 7	+0.40 88% 68	+32 99% 14	+0.88 98% 59	+0.92 99% 37	+0.88 98% 13	\$273 4	\$425 10	
NWI21S03 NMMP15 NWIM17	MORTON'S SUPERTROOPER S03 HBR	+54 73% 68	+3.8 72% 43	+7.2 67% 13	-7.3 91% 14	+4.0 90% 54	+57 89% 29	+106 86% 19	+144 86% 12	+120 83% 24	+18 79% 47	+2.9 83% 25	-4.6 54% 9	+95 77% 4	+12.2 73% 7	-3.3 73% 97	-4.2 74% 95	+1.5 66% 5	+2.0 77% 62	+0.53 68% 79	+15 87% 73	+0.82 69% 47	+0.96 69% 47	+1.10 67% 72	\$238 24	\$409 17	
CSWP036 USA17236055 CSWL123	MURDEDUKE BLACK PEARL HBR	+203 91% 2	+0.0 81% 75	+0.1 72% 81	-8.3 96% 8	+5.0 97% 75	+49 96% 63	+94 96% 51	+129 94% 33	+119 92% 26	+22 88% 18	+3.5 92% 13	-7.3 69% 11	+58 92% 79	+0.4 91% 97	+0.4 90% 41	-1.1 91% 65	-1.1 83% 98	+6.4 92% 2	+0.46 87% 74	+17 95% 64	+0.84 94% 51	+1.20 94% 92	+1.20 91% 91	\$204 61	\$365 49	
CSWK428 VTME343 CSWE175	MURDEDUKE KICKING K428 ^{PV} HBR	+28 92% 85	+7.8 90% 10	+9.7 78% 2	-7.5 98% 13	+1.8 98% 14	+48 97% 69	+94 98% 52	+115 97% 63	+90 96% 69	+24 96% 11	+3.5 97% 13	-6.1 72% 26	+67 94% 57	+2.5 92% 90	-0.3 91% 58	-3.1 93% 89	+0.3 88% 52	+0.7 93% 89	-0.06 87% 21	+40 97% 4	+0.88 97% 59	+1.04 97% 67	+1.16 95% 86	\$187 77	\$343 66	
CSW22T115 VTMP1479 CSWR082	MURDEDUKE PHEASANTRY HBR	+179 75% 5	+1.8 71% 61	+4.0 64% 46	-6.2 88% 26	+4.7 86% 69	+55 86% 37	+104 85% 24	+129 85% 34	+127 83% 17	+28 78% 4	+3.1 81% 20	-8.5 53% 4	+76 77% 30	+5.7 76% 62	+1.5 76% 20	+1.3 77% 26	-1.1 70% 98	+6.8 78% 1	+0.75 69% 92	+21 81% 49	+0.34 79% 1	+0.96 79% 47	+1.20 77% 91	\$253 13	\$438 6	
CSWQ011 VLYM518 CSWN026	MURDEDUKE QUARTERBACK HBR	+176 92% 5	+6.4 92% 20	+3.2 87% 55	-9.4 99% 3	+3.0 99% 32	+54 99% 43	+101 99% 31	+136 99% 21	+102 98% 51	+25 98% 8	+4.1 99% 6	-5.4 77% 40	+78 96% 25	+4.6 94% 74	+1.4 95% 22	+2.9 95% 10	-1.2 93% 99	+5.3 94% 6	+0.25 89% 52	+22 99% 44	+0.70 99% 23	+1.06 99% 71	+1.06 99% 61	\$236 26	\$400 22	
NURM204 USA16956101 NURJ43	MURRAY PROCEED M204 ^{PV} HBR	+252 91% 1	-6.1 82% 95	+6.1 73% 23	-4.1 96% 58	+4.5 96% 65	+61 95% 15	+105 95% 20	+143 95% 13	+133 91% 12	+18 89% 44	+2.3 92% 45	-3.5 66% 81	+88 92% 8	+14.2 91% 3	-4.9 99% 99	-6.2 92% 99	+0.9 87% 20	+6.6 85% 1	+0.09 93% 34	+21 91% 48	+1.00 91% 81	+0.76 91% 9	+0.92 88% 20	\$234 29	\$387 32	
Breed Average EBVs		+81.	+2.4	+3.1	-4.6	+3.8	+52	+94	+121	+102	+18	+2.3	-5.1	+69	+6.9	+0.1	-0.2	+0.4	+2.6	+0.24	+21	+0.83	+0.97	+1.02	+211	+360	

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Ident	Name																											
Sire Dam	Reg.	MSA MBL RBV	Calv-Ease		Birth		Growth			Maternal		Fert		Carcase						Feed	Temp	Structural			Selection Index			
			Dir	Dtrs	GL	BW	200	400	600	MCW	Milk	SS	DC	CW	EMA	Rib	P8	RBY	IMF	NFI-F	Doc	Claw	Angle	Leg	\$A	\$A-L		
SFNL21 NZE10322010609 SFNH65	NAMPARA LIBERTY L21 ^{SV} HBR	-76 92% 99	-4.7 89% 93	-4.0 76% 95	-6.5 98% 22	+8.7 98% 99	+67 97% 5	+112 97% 10	+149 97% 7	+160 95% 2	+19 96% 41	+2.8 96% 28	-0.9 65% 99	+80 94% 22	+7.2 92% 45	-2.0 90% 88	-0.9 93% 61	+1.7 88% 3	-2.4 93% 99	-0.71 87% 1	+21 95% 49	+0.90 92% 63	+0.90 92% 33	+1.00 88% 42	\$145 96	\$299 88		
WLG P5 USA18229425 WLG M24	NARANDA PIMP P5 ^{SV} APR	+121 88% 24	+10.3 79% 1	+9.4 67% 3	-11.5 97% 1	+1.4 95% 10	+51 95% 56	+96 94% 44	+125 94% 42	+88 90% 72	+23 86% 15	+1.6 88% 71	-3.5 57% 81	+80 90% 20	+7.0 87% 47	+1.6 87% 19	+2.9 88% 10	-0.3 78% 82	+3.6 90% 26	+0.30 82% 57	-2 90% 99	+0.68 87% 20	+0.78 87% 11	+1.06 82% 61	\$232 30	\$383 34		
SKOJ6 VTME343 NZCE115	NEWLYN PARK EMPEROR J6 ^{PV} HBR	+21 87% 88	-4.7 79% 93	-5.4 71% 97	-6.6 93% 21	+7.3 92% 97	+65 91% 6	+112 91% 9	+142 91% 13	+159 89% 3	+8 85% 97	+1.5 85% 74	-3.8 65% 65	+78 87% 25	+8.1 87% 35	-1.4 86% 80	-1.8 87% 75	+1.3 81% 8	+0.4 88% 92	-0.74 80% 1	+13 86% 79	+1.08 86% 90	+0.86 86% 24	+0.76 81% 3	\$186 77	\$352 60		
NZE21095018 HIOE7 NZE21095112H49	NGAPUTAH I P206 ^{PV} HBR	+134 89% 18	+8.7 83% 6	+4.2 74% 44	-1.3 93% 91	+0.2 97% 3	+42 96% 90	+84 96% 79	+98 95% 90	+72 93% 88	+25 89% 8	+2.8 95% 28	-8.4 69% 4	+52 90% 90	+5.2 90% 68	+0.1 90% 48	-2.0 90% 78	+1.0 83% 16	+4.0 91% 20	+0.15 83% 40	+15 90% 72	+0.98 87% 78	+1.14 88% 85	+1.08 84% 67	\$243 20	\$388 31		
NZE21095020 USA17960722 NZE2109510845	NGAPUTAH I R160 ^{SV} HBR	+105 79% 32	-1.0 79% 80	+4.0 69% 46	-1.0 96% 93	+5.0 97% 75	+65 96% 7	+110 95% 13	+131 94% 30	+114 89% 32	+17 84% 54	+4.6 91% 3	-4.5 60% 61	+75 84% 33	+4.2 85% 78	-1.1 84% 74	-1.0 84% 63	+0.1 79% 63	+3.1 84% 36	-0.19 71% 12	+30 92% 18	+0.86 91% 55	+0.80 90% 14	+0.92 86% 20	\$228 34	\$386 32		
USA16981588 USA16381311 USA16408070	PA FULL POWER 1208 ^{PV} HBR	+108 93% 31	-3.9 95% 91	-3.8 87% 95	-4.8 99% 47	+3.8 98% 50	+53 98% 47	+98 98% 38	+120 98% 53	+75 98% 86	+14 98% 77	+2.0 98% 56	-2.4 76% 94	+71 96% 44	+12.8 95% 5	-1.6 95% 83	+0.6 95% 36	+1.0 93% 16	+3.0 95% 38	+0.82 88% 94	+20 98% 53	+1.24 98% 98	+0.92 98% 37	+0.74 92% 2	\$229 34	\$337 71		
HKFK146 HKFH114 HKFG42	PARINGA RED PILBARA K146 ^{PV} HBR	+194 88% 3	+0.1 76% 74	-1.2 63% 87	-0.4 94% 95	+2.6 92% 25	+31 91% 99	+59 91% 99	+66 91% 99	+28 87% 99	+20 84% 30	+1.5 84% 74	-6.5 55% 20	+39 88% 98	+7.0 88% 47	+1.2 87% 25	+2.6 88% 12	-0.3 81% 82	+6.2 90% 2	+0.82 82% 94	+14 84% 76	+0.74 80% 30	+1.06 80% 71	+1.14 73% 82	\$210 55	\$294 90		
SMPG357 VTMB1 SMPD245	PATHFINDER GENESIS G357 ^{PV} HBR	+7 95% 93	-1.4 97% 82	+3.0 91% 57	-7.1 99% 16	+6.6 99% 94	+62 99% 13	+109 99% 14	+148 99% 8	+140 98% 8	+25 98% 9	+4.4 98% 4	-8.6 87% 8	+95 97% 4	+13.7 96% 4	+0.1 97% 4	-0.6 96% 48	+1.4 95% 57	+0.5 96% 57	+0.59 91% 5	+29 99% 6	+0.84 98% 91	+1.10 98% 79	+0.80 97% 5	\$253 13	\$439 5		
SMPK22 SMPG357 SMPH756	PATHFINDER COMPLETE K22 ^{SV} HBR	+66 93% 60	+9.9 94% 2	+7.1 84% 14	-9.1 99% 4	+0.9 98% 6	+41 98% 91	+74 98% 94	+97 98% 91	+52 97% 98	+25 98% 9	+2.9 98% 25	-8.3 76% 4	+51 96% 90	+6.9 94% 48	+3.5 95% 3	+6.0 93% 1	+0.2 95% 58	+2.3 95% 55	+0.56 88% 82	+26 97% 28	+0.50 96% 4	+0.90 97% 33	+0.68 95% 1	\$251 14	\$384 34		
SMPM651 VTMG67 SMPH66	PATHFINDER MASTERPIECE HBR	+78 87% 51	+3.3 81% 48	+3.9 73% 47	-6.2 92% 26	+5.1 95% 77	+55 93% 36	+102 93% 28	+127 93% 38	+139 89% 8	+21 89% 24	+3.6 89% 11	-8.0 64% 6	+53 88% 88	+10.2 87% 17	-1.7 88% 84	-4.2 81% 95	+1.8 89% 2	+1.4 81% 76	-0.24 81% 10	+34 83% 11	+1.00 77% 81	+1.18 77% 90	+1.18 74% 89	\$228 35	\$417 13		
SMPP516 SMPM558 SMPJ282	PATHFINDER PHAT CAT P516 ^{SV} HBR	+210 85% 2	+4.1 80% 40	+2.9 68% 58	-7.2 96% 15	+4.6 96% 67	+51 95% 53	+89 95% 65	+116 95% 61	+81 92% 80	+25 89% 8	+5.2 93% 1	-8.7 60% 3	+48 88% 94	+11.7 86% 9	-3.5 86% 98	-3.0 87% 88	+0.8 80% 24	+5.9 88% 3	+0.17 80% 43	+38 93% 5	+0.74 90% 30	+1.10 91% 79	+0.90 86% 16	\$282 3	\$433 7		
SMP22T9 CSWQ011 SMPQ1130	PATHFINDER QUARTERBACK T9 HBR	+197 78% 3	+5.2 74% 30	+4.9 69% 36	-8.0 90% 9	+2.2 93% 19	+48 92% 70	+92 90% 57	+124 89% 45	+76 86% 85	+29 81% 3	+4.2 88% 5	-4.2 57% 68	+70 81% 47	+16.6 79% 1	+0.0 80% 51	+0.8 80% 33	+1.0 73% 16	+5.0 81% 8	+0.70 72% 90	+17 84% 64	+0.58 66% 8	+1.00 66% 57	+0.90 66% 16	\$268 6	\$410 17		
SMP22T756 NURM204 SMPN248	PATHFINDER TASMANIA T756 ^{SV} HBR	+247 80% 1	+2.7 74% 54	+7.0 63% 15	-5.0 99% 44	+2.3 98% 20	+62 98% 11	+106 96% 20	+128 89% 35	+101 80% 52	+20 80% 34	+3.1 96% 20	-5.6 56% 36	+75 83% 34	+6.5 86% 53	-1.0 84% 73	-2.5 85% 84	-0.3 79% 82	+7.5 85% 1	+0.04 73% 29	+20 93% 55	+0.82 75% 47	+0.96 71% 72	+1.10 71% 4	\$277 4	\$440 5		
Breed Average EBVs		+81.	+2.4	+3.1	-4.6	+3.8	+52	+94	+121	+102	+18	+2.3	-5.1	+69	+6.9	+0.1	-0.2	+0.4	+2.6	+0.24	+21	+0.83	+0.97	+1.02	+211	+360		

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Ident	Name																											
Sire			MSA	MBL	Calv-Ease		Birth		Growth			Maternal		Fert		Carcase						Feed	Temp	Structural			Selection Index	
Dam	Reg.	RBV	Dir	Dtrs	GL	BW	200	400	600	MCW	Milk	SS	DC	CW	EMA	Rib	P8	RBY	IMF	NFI-F	Doc	Claw	Angle	Leg	\$A	\$A-L		
USA20313395	PEAK STAPLETON ^{PV}	+160	+0.2	+8.3	-2.9	+4.9	+62	+112	+133	+99	+16	+0.4	-5.4	+88	+17.8	+0.7	+0.7	+1.1	+5.2	+0.86	+26	+0.94	+1.02	+0.80	\$318	\$480		
USA19559741	HBR	76%	72%	59%	95%	94%	91%	88%	86%	84%	80%	83%	44%	81%	79%	75%	73%	68%	81%	64%	84%	93%	92%	61%				
USA19568610		9	73	7	76	73	12	10	26	55	59	96	40	9	1	35	35	13	7	95	31	71	62	5	1	1		
NZE41-97	PINEBANK WAIGROUP 41/97 [#]	+13	+2.7	-3.6	-3.6	+3.6	+37	+64	+77	+51	+18	+0.9	-4.9	+18	+5.3	+1.2	+0.3	+0.9	+1.1	-0.03	+33	+0.30	+0.90	+0.94	\$165	\$256		
NZE53195	HBR	95%	96%	91%	98%	99%	98%	98%	98%	98%	98%	98%	89%	97%	96%	96%	96%	95%	96%	90%	93%	89%	89%	84%				
NZE63988		91	54	95	66	45	97	99	99	98	45	89	52	99	67	25	41	20	82	23	12	1	33	25	90	97		
USA20060473	POSS WINCHESTER ^{PV}	+54	+2.3	+5.3	-7.5	+5.3	+80	+132	+171	+160	+13	+2.1	-5.9	+104	+10.3	-0.3	-3.1	+0.0	+2.7	-0.18	+27	+0.70	+0.82	+0.92	\$278	\$487		
USA19555171	HBR	82%	76%	58%	98%	98%	97%	97%	96%	90%	84%	95%	49%	87%	88%	86%	84%	79%	88%	67%	93%	98%	98%	78%				
USA18631711		69	57	31	13	80	1	1	1	2	83	53	30	1	16	58	89	69	45	13	25	23	17	20	3	1		
NLRE17	REILAND EVERITT E17 ^{PV}	+106	-5.2	+3.2	-1.4	+4.9	+50	+86	+118	+87	+17	+4.5	-3.3	+62	+10.1	-2.0	+0.7	+1.0	+1.7	-0.43	+13	+1.08	+0.90	+0.98	\$189	\$304		
USA13058662	HBR	90%	88%	79%	96%	97%	96%	96%	96%	94%	94%	94%	70%	92%	91%	91%	91%	87%	92%	84%	88%	87%	87%	83%				
NAQW232		32	94	55	90	73	58	73	57	72	57	3	84	70	18	88	35	16	70	4	79	90	33	36	75	87		
NORE11	RENNYLEA EDMUND E11 ^{PV}	+107	+8.3	+0.0	-6.7	+1.3	+34	+64	+83	+54	+16	+1.8	-8.9	+50	+3.9	+3.5	+1.3	-0.2	+4.1	+0.75	+23	+0.54	+1.04	+1.10	\$208	\$328		
NGMY145	HBR	97%	99%	97%	99%	99%	99%	99%	99%	99%	99%	99%	95%	98%	98%	98%	98%	98%	98%	96%	99%	99%	99%	99%				
VLYY5		32	7	81	20	9	99	99	98	97	63	64	3	92	81	3	26	78	18	92	42	6	67	72	58	76		
NORH708	RENNYLEA H708 ^{PV}	+269	-5.9	+4.1	+1.3	+4.4	+45	+100	+126	+130	+11	+2.2	-3.5	+70	+12.4	-3.1	-6.6	+2.0	+7.3	+0.59	+22	+0.66	+0.68	+0.94	\$219	\$370		
NORC511	APR	95%	94%	87%	98%	98%	98%	98%	98%	98%	97%	98%	84%	96%	96%	96%	96%	94%	96%	93%	98%	98%	98%	97%				
NORE176		1	95	45	99	63	79	34	40	14	89	49	81	47	7	96	99	1	1	84	47	17	4	25	45	45		
NORL508	RENNYLEA L508 ^{PV}	+175	+2.6	+7.9	-5.7	+2.7	+46	+84	+118	+87	+26	+1.4	-8.5	+57	+5.6	+0.5	-0.6	-0.1	+5.6	+0.52	+14	+0.64	+0.82	+0.88	\$253	\$405		
USA17366506	HBR	94%	93%	86%	99%	99%	98%	98%	98%	98%	98%	98%	84%	96%	96%	96%	96%	94%	96%	90%	99%	98%	98%	97%				
NORH414		6	54	9	33	27	77	78	58	73	7	77	4	82	64	39	57	74	4	79	78	14	17	13	12	20		
NORP987	RENNYLEA P987 ^{PV}	+243	+8.8	+9.0	-7.9	+1.7	+49	+95	+119	+127	+7	+0.2	-3.5	+68	+4.8	+3.9	+2.5	-1.3	+8.4	+0.93	+10	+0.86	+1.10	+1.08	\$222	\$401		
NORM763	APR	89%	77%	67%	97%	98%	97%	97%	97%	95%	93%	96%	66%	91%	90%	90%	91%	84%	91%	83%	97%	95%	95%	92%				
NORM1184		1	5	4	10	13	64	47	56	17	99	97	81	52	72	2	13	99	1	97	88	55	79	67	41	21		
NORQ1077	RENNYLEA Q1077 ^{PV}	+162	+2.2	+10.6	-4.3	+2.7	+50	+98	+122	+107	+11	+2.1	-6.1	+77	+16.3	+0.4	-0.4	+1.6	+5.1	+0.64	+20	+0.68	+0.78	+0.92	\$285	\$456		
NORH708	APR	84%	85%	73%	98%	98%	97%	97%	97%	95%	92%	97%	65%	89%	88%	88%	88%	84%	88%	77%	98%	96%	96%	94%				
NORG101		8	58	1	55	27	60	39	49	42	90	53	26	27	1	41	53	4	7	87	52	20	11	20	2	3		
NORQ213	RENNYLEA Q213 ^{PV}	+47	+8.5	+6.9	-7.0	+1.2	+62	+116	+144	+94	+21	+0.7	-11.1	+96	+8.7	+1.3	+0.5	+0.2	+3.2	+0.64	+27	+0.48	+0.68	+0.92	\$336	\$525		
NORK907	APR	89%	86%	73%	98%	98%	98%	98%	97%	96%	94%	97%	67%	92%	91%	91%	91%	86%	91%	83%	98%	97%	97%	95%				
NORL110		73	7	16	17	8	13	6	11	63	29	92	1	3	29	23	38	58	34	87	27	3	4	20	1	1		
NORR992	RENNYLEA R992 ^{PV}	+173	+3.6	+8.1	+2.1	+1.2	+44	+83	+113	+84	+25	+1.7	-6.7	+71	+12.6	+0.4	+0.3	+0.5	+5.8	+1.06	+22	+0.62	+0.84	+0.84	\$260	\$409		
NORN542	APR	87%	71%	63%	95%	95%	94%	94%	94%	92%	88%	92%	61%	89%	87%	87%	88%	80%	89%	81%	93%	90%	91%	86%				
NORM1034		6	45	8	99	8	84	82	68	77	8	67	17	43	6	41	41	40	3	99	47	12	20	8	9	17		
NOR22T1430	RENNYLEA T1430 ^{PV}	+141	+5.1	+9.9	-4.3	+3.8	+55	+103	+142	+102	+24	+2.1	-5.9	+104	+17.9	-1.3	-0.6	+1.4	+5.1	+0.87	+24	+0.46	+0.80	+1.02	\$308	\$481		
NORQ1077	APR	77%	77%	63%	98%	97%	97%	93%	92%	87%	80%	90%	53%	81%	80%	80%	81%	74%	81%	70%	96%	79%	80%	72%				
NORQ58		15	31	2	55	50	35	27	13	51	14	53	30	1	1	78	57	6	7	96	39	2	14	48	1	1		
NOR22T458	RENNYLEA T458 ^{PV}	+234	+5.3	+8.3	-4.8	+2.8	+53	+94	+124	+102	+26	+1.8	-6.0	+66	+18.5	-2.2	-1.8	+0.7	+7.2	+0.11	+28	+0.96	+1.16	+0.98	\$288	\$457		
VTMQ1454	APR	77%	71%	64%	97%	97%	96%	93%	91%	87%	81%	90%	55%	82%	80%	81%	81%	75%	82%	71%	95%	85%	85%	79%				
NORK723		1	29	7	47	29	47	52	44	50	7	64	28	60	1	90	75	29	1	36	22	74	88	36	2	3		
Breed Average EBVs			+81.	+2.4	+3.1	-4.6	+3.8	+52	+94	+121	+102	+18	+2.3	-5.1	+69	+6.9	+0.1	-0.2	+0.4	+2.6	+0.24	+21	+0.83	+0.97	+1.02	+211	+360	

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Ident	Name																												
Sire			MSA	MBL	Calv-Ease		Birth		Growth			Maternal		Fert		Carcase						Feed	Temp	Structural			Selection Index		
Dam	Reg.	RBV			Dir	Dtrs	GL	BW	200	400	600	MCW	Milk	SS	DC	CW	EMA	Rib	P8	RBV	IMF	NFI-F	Doc	Claw	Angle	Leg	\$A	\$A-L	
VKR22T58	RIGA TAVERN T58 ^{PV}	+107	+4.8	+3.2	-4.0	+2.0	+58	+110	+135	+129	+14	+4.2	-3.3	+72	+7.3	-1.2	-0.8	+0.3	+3.0	+0.05	+34	+0.86	+0.88	+1.00	\$212	\$389			
USA19169335	HBR	74%	74%	62%	91%	91%	88%	87%	87%	84%	79%	81%	49%	77%	77%	77%	78%	71%	79%	65%	83%	81%	79%	74%					
VKRR38		32	34	55	60	16	23	13	23	15	75	5	84	42	44	76	60	52	38	30	10	55	28	42	53	30			
NZE14572019	RISSINGTON SOVEREIGN Q485	+200	+10.6	+9.2	-7.0	+0.7	+63	+116	+160	+129	+27	+2.4	-5.5	+94	+7.2	-1.9	-5.5	+0.2	+7.0	+0.06	-5	+0.96	+0.98	+1.24	\$282	\$474			
HKFM103	HBR	91%	83%	69%	99%	98%	98%	98%	98%	95%	92%	97%	57%	93%	92%	91%	92%	82%	92%	86%	98%	97%	98%	96%					
NZE14572117009		3	1	3	17	5	10	6	3	15	5	41	38	4	45	87	99	58	1	31	99	74	52	95	3	1			
BGB22T330	RISSINGTON TITAN T330 ^{PV}	+221	+5.2	+4.9	-2.7	+3.2	+53	+92	+122	+118	+21	+2.0	-4.6	+77	+10.9	-3.9	-5.6	+1.5	+6.2	+0.33	+7	+0.84	+0.88	+0.94	\$246	\$410			
NZE145720200321	HBR	70%	71%	58%	94%	91%	90%	86%	85%	82%	75%	78%	42%	75%	70%	71%	72%	62%	74%	62%	88%	65%	65%	60%					
NZE145721190379		1	30	36	78	37	45	58	49	27	56	59	28	13	99	99	99	5	2	61	93	51	28	25	18	16			
USA16396573	S A V CAMARO 9272 ^{SV}	+81	+5.2	+0.5	-7.0	+3.6	+45	+77	+97	+101	+9	+1.3	-6.1	+41	+0.9	-0.5	-2.5	+1.0	+1.7	+1.18	+21	+1.12	+0.88	+0.80	\$177	\$319			
USA0035	HBR	91%	86%	74%	97%	97%	96%	96%	96%	93%	95%	92%	64%	93%	91%	91%	84%	93%	84%	87%	86%	86%	78%						
USA15688516		49	30	78	17	45	73	91	91	52	96	80	26	98	96	62	84	16	70	99	49	93	28	5	84	80			
FCD21S52	SEVEN HILLS STERLING S52 ^{PV}	+137	+6.7	+4.7	-3.0	+2.6	+57	+103	+131	+118	+16	+1.7	-3.2	+66	+10.7	-1.4	-1.9	+1.0	+3.6	-0.05	+27	+0.84	+1.08	+0.90	\$236	\$403			
USA18837398	HBR	76%	71%	62%	94%	93%	91%	91%	91%	86%	79%	81%	50%	79%	80%	80%	80%	74%	81%	66%	89%	87%	87%	82%					
NZE21159116122		16	17	38	74	25	27	25	30	27	63	67	85	60	14	80	76	16	26	21	25	51	75	16	26	21			
FCD22T53	SEVEN HILLS T53 ^{PV}	+109	+9.2	+6.9	-5.0	+1.1	+56	+104	+134	+96	+22	+3.3	-5.7	+83	+13.0	-1.3	-1.1	+0.6	+3.4	+0.15	+23	+0.86	+0.88	+0.90	\$266	\$432			
USA19123898	HBR	73%	69%	61%	94%	91%	90%	87%	87%	84%	78%	81%	48%	77%	74%	75%	75%	67%	77%	65%	88%	76%	76%	71%					
NZE21159120016		30	4	16	44	8	30	23	25	59	23	16	34	15	5	78	65	34	30	40	43	55	28	16	6	7			
APB22T385	SHACORRAHDALU TANK T385	+67	+10.2	+6.2	-10.9	+0.5	+56	+112	+136	+90	+21	+2.6	-11.7	+79	+12.8	+1.4	-0.2	+0.9	+2.7	+0.37	+37	+0.62	+0.88	+1.02	\$331	\$518			
NORQ213	APR	75%	75%	63%	94%	94%	92%	91%	89%	85%	79%	89%	52%	80%	74%	74%	75%	66%	78%	69%	90%	87%	87%	84%					
APBN158		59	2	22	1	4	30	10	22	69	24	35	1	23	5	22	50	20	45	65	7	12	28	48	1	1			
USA19189229	STERLING CONFIDENCE PLUS	+30	+4.7	+3.0	-5.9	+1.3	+57	+103	+123	+77	+24	+0.7	-5.3	+72	+11.1	+1.8	+1.6	+0.3	+1.7	+0.09	+16	+0.98	+0.86	+0.94	\$259	\$402			
USA17585576	HBR	81%	85%	69%	98%	98%	97%	98%	97%	93%	88%	97%	52%	87%	88%	86%	85%	79%	88%	73%	97%	96%	96%	94%					
USA18171316		83	35	57	30	9	27	26	47	84	14	92	42	42	12	16	22	52	70	34	71	78	24	25	9	21			
FAM21S329	STOKMAN SOLUTION S329 ^{PV}	+102	+6.9	+5.1	-10.5	-1.1	+44	+91	+109	+55	+23	+3.4	-8.2	+64	+10.6	+2.5	+2.0	+0.6	+2.4	+0.86	+1	+0.94	+1.14	+0.96	\$269	\$411			
USA19057457	HBR	78%	90%	68%	99%	99%	98%	98%	98%	92%	85%	98%	51%	83%	86%	85%	85%	78%	85%	69%	99%	98%	98%	97%					
NZE21043118P69		35	16	33	2	1	83	60	75	97	14	14	5	65	14	9	17	34	53	95	98	71	85	30	6	16			
FAM21S346	STOKMAN STELLAR S346 ^{PV}	+119	+4.8	+9.5	-7.4	+1.9	+53	+109	+135	+106	+14	+3.1	-7.8	+69	+5.6	+4.6	+3.5	-0.2	+2.9	+0.56	+22	+0.56	+0.94	+0.98	\$267	\$453			
USA18397542	HBR	76%	81%	68%	96%	96%	95%	91%	90%	87%	81%	87%	53%	81%	78%	78%	79%	72%	80%	69%	93%	77%	77%	71%					
NZE21043119Q31		25	34	2	13	15	48	14	23	44	74	20	7	51	64	1	6	78	41	82	46	7	42	36	6	3			
NZE19507018	STORTH OAKS FULLY LOADED	+117	+8.6	+5.7	-11.7	+1.2	+44	+86	+131	+128	+22	+3.2	-8.7	+64	+2.9	+0.5	+0.2	-0.6	+4.1	+0.80	+31	+0.62	+0.80	+1.00	\$200	\$386			
NORL508	HBR	89%	81%	71%	97%	97%	96%	96%	96%	92%	89%	94%	64%	91%	89%	89%	90%	82%	91%	84%	94%	90%	90%	86%					
NZE19507113J320		26	6	27	1	8	85	74	30	16	21	18	3	65	88	39	43	91	18	94	17	12	14	42	65	32			
FAF21S19	STORTH OAKS ZEPHYR S19 ^{PV}	+87	+6.5	+7.8	-7.1	+3.0	+67	+117	+155	+111	+26	+3.4	-6.8	+83	+2.6	-0.1	+1.3	-0.9	+3.6	+0.64	+7	+0.72	+0.88	+0.90	\$276	\$461			
USA18962277	HBR	75%	75%	64%	93%	91%	90%	89%	90%	85%	78%	84%	52%	79%	79%	79%	79%	72%	80%	67%	85%	85%	82%						
NZE19507115L244		45	19	9	16	32	4	5	4	36	6	14	16	16	90	53	26	96	26	87	93	26	28	16	4	2			
USA17236055	SYDGEN BLACK PEARL 2006 ^{PV}	+124	+1.5	+6.8	-7.0	+3.2	+51	+84	+122	+87	+21	+1.5	-3.4	+74	+8.0	+0.5	-0.9	+0.5	+3.1	+0.38	+16	+1.04	+1.20	+1.14	\$210	\$338			
USA15354674	HBR	96%	98%	94%	99%	99%	99%	99%	99%	99%	99%	99%	90%	98%	97%	97%	97%	97%	93%	93%	99%	99%	98%						
USA16214508		22	64	17	17	37	56	78	49	73	26	74	82	35	36	39	61	40	36	66	71	86	92	82	55	70			
Breed Average EBVs			+81.	+2.4	+3.1	-4.6	+3.8	+52	+94	+121	+102	+18	+2.3	-5.1	+69	+6.9	+0.1	-0.2	+0.4	+2.6	+0.24	+21	+0.83	+0.97	+1.02	+211	+360		

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Ident	Name																											
Sire Dam	Reg.	MSA MBL RBV	Calv-Ease		Birth		Growth			Maternal		Fert		Carcase						Feed	Temp	Structural			Selection Index			
			Dir	Dtrs	GL	BW	200	400	600	MCW	Milk	SS	DC	CW	EMA	Rib	P8	RBY	IMF	NFI-F	Doc	Claw	Angle	Leg	\$A	\$A-L		
NPGG121	TALOOBY GALAXY G121 ^{SV}	+33	-1.6	-2.5	-2.4	+5.6	+38	+64	+92	+85	+14	+0.9	-5.3	+64	-0.9	+2.0	+2.2	+0.1	+1.6	+0.69	+9	+0.82	+1.06	+1.10	\$135	\$242		
NMMD1	HBR	88%	76%	64%	94%	95%	91%	91%	92%	88%	79%	89%	57%	89%	88%	87%	88%	77%	86%	81%	85%	82%	83%	77%				
NPGC14		82	83	92	82	84	95	99	94	75	78	89	42	63	99	14	15	63	72	89	89	47	71	72	97	98		
VTMA149	TE MANIA ADA A149 ^{PV}	+12	-6.0	-2.0	-3.1	+6.6	+53	+96	+129	+172	+9	+1.9	-1.2	+81	+2.4	-3.0	-1.6	+1.3	-0.4	-0.56	+27	+0.88	+0.76	+0.76	\$91	\$247		
VTMX60	HBR	95%	97%	92%	99%	99%	99%	99%	99%	98%	98%	86%	97%	96%	97%	97%	96%	96%	91%	97%	97%	97%	96%					
VTMU338		91	95	90	73	94	47	44	34	1	95	60	99	20	91	96	72	8	98	2	28	59	9	3	99	98		
VTMK52	TE MANIA KALIBROOK K52 ^{PV}	+134	+7.1	+5.3	-3.4	+1.5	+51	+101	+127	+102	+27	+1.5	-6.0	+74	+4.1	+1.0	+1.7	-0.7	+5.5	+1.39	+7	+1.20	+1.10	+1.16	\$244	\$411		
USA16295688	HBR	87%	80%	72%	94%	95%	92%	93%	92%	89%	85%	89%	66%	88%	87%	85%	88%	83%	89%	80%	88%	91%	91%	88%				
VTMH423		17	14	31	69	11	55	31	37	50	5	74	28	36	79	29	21	93	5	99	93	97	79	86	19	16		
VTMK138	TE MANIA KIRBY K138 ^{PV}	+258	+0.1	+7.6	-1.5	+4.8	+51	+87	+114	+97	+18	+2.5	-8.1	+65	+6.1	+1.8	+3.2	-1.9	+8.6	+0.77	+15	+0.76	+0.76	+0.94	\$252	\$409		
USA16295688	HBR	97%	94%	88%	99%	99%	98%	98%	98%	98%	98%	98%	86%	98%	97%	97%	97%	96%	97%	91%	99%	99%	99%	99%				
VTMH17		1	74	11	90	71	54	73	67	59	49	38	5	61	58	16	8	99	1	93	73	34	9	25	13	17		
VTMN424	TE MANIA NEBO N424 ^{PV}	+173	+8.6	-0.8	-6.8	+3.8	+53	+100	+132	+98	+28	+4.2	-4.6	+56	+6.3	-0.9	-4.2	+0.3	+4.0	-0.07	+47	+0.94	+0.88	+0.90	\$212	\$358		
VTMJ89	HBR	96%	92%	85%	99%	98%	98%	98%	98%	97%	97%	97%	79%	97%	97%	96%	97%	93%	95%	88%	98%	98%	99%	98%				
VTMJ214		6	6	86	19	50	47	33	28	57	4	5	59	84	55	71	95	52	20	20	1	71	28	16	52	55		
VTMN1387	TE MANIA NEON N1387 ^{SV}	+313	+1.3	+4.1	-6.1	+3.5	+45	+82	+102	+82	+21	+1.1	-6.5	+38	+3.3	-0.3	-0.7	-2.1	+10.	-0.26	+25	+0.70	+0.80	+0.88	\$221	\$357		
VTMK138	HBR	95%	85%	78%	98%	98%	98%	98%	98%	97%	95%	97%	75%	95%	94%	94%	95%	89%	94%	89%	98%	98%	98%	97%				
VTML452		1	65	45	27	43	80	83	86	79	28	85	20	99	86	58	58	99	1	9	35	23	14	13	42	56		
VTMP888	TE MANIA PESO P888 ^{PV}	+40	+6.8	+5.9	-5.3	+2.1	+56	+112	+142	+117	+25	+2.2	-6.7	+91	+6.6	-0.5	+0.9	+0.6	+1.4	-0.14	+24	+0.86	+1.10	+0.98	\$251	\$435		
VTMK226	HBR	94%	85%	79%	98%	98%	98%	98%	98%	96%	96%	95%	74%	95%	95%	94%	95%	89%	94%	85%	96%	96%	96%	95%				
VTMH423		78	16	25	39	18	32	10	13	29	10	49	17	6	52	62	32	34	76	15	38	55	79	36	14	7		
VTMQ854	TE MANIA QUEBEC Q854 ^{SV}	+50	+7.7	+1.6	-2.4	+1.7	+56	+96	+125	+89	+26	+1.5	-5.7	+71	+3.9	+1.9	-0.4	-0.4	+3.4	+0.71	+33	+0.66	+0.80	+0.80	\$230	\$375		
USA18229488	HBR	94%	87%	78%	98%	98%	97%	98%	98%	96%	95%	97%	67%	95%	94%	94%	95%	87%	94%	87%	98%	98%	98%	97%				
VTML1244		71	11	70	82	13	33	44	41	70	7	74	34	43	81	15	53	86	30	90	12	17	14	5	32	41		
VTMR970	TE MANIA RESOLUTION R970 ^{PV}	+65	+2.4	+4.8	-5.4	+3.6	+56	+107	+135	+108	+22	+1.6	-5.0	+81	+9.7	+0.2	-0.7	+0.8	+2.0	-0.25	+28	+0.86	+0.90	+1.08	\$241	\$401		
VTMP149	HBR	87%	76%	65%	96%	96%	95%	94%	93%	90%	81%	90%	56%	88%	87%	86%	87%	78%	89%	80%	93%	91%	92%	88%				
VTMP287		61	56	37	38	45	30	18	23	42	23	71	49	19	20	46	58	24	62	9	25	55	33	67	22	21		
VTMR795	TE MANIA ROCCO R795 ^{SV}	+191	+1.9	+3.6	-3.8	+1.5	+41	+90	+119	+118	+18	+1.6	-4.6	+47	+5.7	+0.5	-2.3	+0.0	+5.8	+0.19	+34	+0.68	+0.82	+1.16	\$187	\$345		
NORH708	APR	90%	83%	74%	99%	98%	98%	98%	98%	94%	92%	97%	62%	92%	91%	91%	91%	84%	90%	84%	97%	98%	98%	98%				
VTML1374		3	61	51	63	11	92	64	55	27	47	71	59	94	62	39	81	69	3	45	10	20	17	86	76	65		
VTM22T868	TE MANIA TONIC T868 (AI) ^{PV}	+147	+6.9	+1.5	-6.0	+3.6	+54	+98	+131	+98	+18	+3.1	-6.8	+71	+2.6	-1.2	-1.8	-1.1	+5.0	+0.17	+49	+0.80	+0.98	+0.94	\$226	\$384		
USA18170041	HBR	73%	75%	67%	95%	93%	93%	88%	87%	84%	79%	81%	53%	78%	73%	73%	74%	66%	76%	67%	90%	78%	78%	75%				
VTMQ660		13	16	71	29	45	41	39	29	56	47	20	16	44	90	76	75	98	8	43	1	42	52	25	37	34		
DXTR725	TEXAS ICEMAN R725 ^{PV}	+56	+1.3	+2.6	-3.8	+3.7	+53	+99	+125	+105	+15	+2.1	-3.5	+77	+11.9	+1.5	+5.3	+0.2	+2.0	+0.52	+37	+1.24	+0.84	+0.62	\$225	\$375		
USA18962396	HBR	90%	88%	74%	99%	98%	98%	98%	97%	94%	92%	97%	61%	93%	91%	91%	91%	84%	92%	84%	96%	93%	93%	90%				
DXTH647		67	65	61	63	48	46	36	42	46	69	53	81	27	8	20	2	58	62	79	6	98	20	1	38	41		
TVA22T32	TOLIVAR TORIN T32 ^{PV}	+104	+3.5	+4.7	-7.7	+3.2	+63	+103	+133	+113	+17	+1.7	-5.0	+75	+6.6	-3.0	-2.7	+1.0	+2.9	+0.01	+23	+0.68	+0.86	+0.98	\$252	\$414		
USA17960722	HBR	74%	78%	68%	91%	91%	90%	88%	88%	84%	79%	81%	55%	79%	73%	74%	75%	66%	77%	69%	83%	70%	70%	68%				
TGUN12		33	46	38	11	37	9	25	27	33	51	67	49	33	52	96	86	16	41	26	42	20	24	36	13	15		
Breed Average EBVs			+81.	+2.4	+3.1	-4.6	+3.8	+52	+94	+121	+102	+18	+2.3	-5.1	+69	+6.9	+0.1	-0.2	+0.4	+2.6	+0.24	+21	+0.83	+0.97	+1.02	+211	+360	

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Ident	Name																											
Sire			Calv-Ease		Birth		Growth			Maternal		Fert		Carcase						Feed	Temp	Structural			Selection Index			
Dam	Reg.	MSA MBL RBV	Dir	Dtrs	GL	BW	200	400	600	MCW	Milk	SS	DC	CW	EMA	Rib	P8	RBY	IMF	NFI-F	Doc	Claw	Angle	Leg	\$A	\$A-L		
DBLL292	TOPBOS LEADING EDGE L292 ^{PV}	+56	+2.4	+7.0	-5.9	+6.5	+73	+124	+163	+147	+23	+1.3	-3.9	+79	+4.4	-2.1	-4.8	-0.1	+1.7	+0.03	+17	+0.98	+0.84	+0.80	\$221	\$406		
USA16295688	HBR	91%	90%	77%	98%	98%	97%	97%	97%	96%	96%	97%	71%	94%	92%	91%	93%	89%	93%	87%	97%	92%	92%	89%				
VSNF04		67	56	15	30	93	1	2	2	5	16	80	74	23	76	89	97	74	70	28	64	78	20	5	42	19		
NZE17691009	TURIHAUA CRUMP E5 ^{SV}	+23	-1.9	-0.6	-5.8	+3.1	+28	+58	+83	+92	+13	+0.9	-8.8	+15	-0.9	+5.2	+3.8	-0.3	+1.4	+0.43	+29	+0.66	+1.24	+1.18	\$124	\$250		
NZE17691003Y167	HBR	94%	94%	88%	97%	98%	98%	98%	98%	97%	98%	98%	90%	96%	95%	95%	95%	94%	95%	89%	92%	84%	85%	79%				
NZE17691195Q263		87	84	85	32	34	99	99	98	65	83	89	3	99	99	1	5	82	76	71	21	17	95	89	98	97		
NXTJ122	TWYNAM J122 ^{PV}	+90	+4.4	+3.3	-4.8	+4.7	+44	+78	+113	+88	+17	+1.5	-6.7	+71	+6.7	+3.3	-0.5	+0.6	+3.3	+0.33	-4	+0.98	+0.76	+1.02	\$219	\$359		
NORC574	APR	86%	78%	69%	93%	93%	92%	91%	91%	88%	87%	85%	64%	87%	86%	86%	87%	80%	88%	82%	86%	85%	85%	81%				
NXTC89		43	37	54	47	69	84	89	69	71	54	74	17	43	51	4	55	34	32	61	99	78	9	48	45	54		
NXTL096	TWYNAM L096 ^{SV}	+41	+9.2	+10.7	-8.5	+2.0	+56	+108	+149	+118	+28	+3.2	-10.2	+103	+2.6	+0.4	+1.5	-0.5	+2.5	-0.30	+1	+0.60	+0.82	+0.96	\$268	\$468		
NXTH111	APR	87%	76%	62%	94%	94%	92%	92%	91%	87%	84%	86%	55%	88%	87%	84%	88%	81%	89%	87%	83%	74%	76%	70%				
NXTJ078		77	4	1	7	16	32	16	7	27	3	18	1	1	90	41	23	89	50	7	98	10	17	30	6	2		
NZE18954020	WAITANGI R257 ^{PV}	+154	+0.7	+1.6	-6.1	+3.9	+53	+93	+120	+100	+27	+3.3	-8.5	+70	+10.0	+0.0	-0.8	+0.3	+4.4	+0.71	+21	+0.74	+0.72	+0.74	\$254	\$410		
NZE21159016327	HBR	88%	70%	61%	96%	97%	96%	96%	95%	93%	86%	91%	59%	90%	89%	89%	89%	80%	91%	82%	94%	91%	91%	87%				
NZE18954118P105		10	70	70	27	52	47	54	53	53	5	16	4	47	18	51	60	52	14	90	48	30	6	2	12	16		
LEJ21S102	WALLAWONG SAFE & SOUND	+138	+6.9	+3.4	-6.1	+5.0	+49	+87	+116	+100	+17	+2.0	+0.0	+65	+7.8	-1.6	-2.3	+0.9	+3.9	+0.35	+11	+0.56	+0.78	+1.16	\$180	\$312		
NJWN498	HBR	85%	74%	63%	92%	91%	90%	89%	89%	85%	80%	81%	55%	85%	85%	84%	85%	76%	87%	77%	85%	84%	84%	80%				
ASHL24		16	16	53	27	75	63	72	61	54	57	56	99	61	38	83	81	20	21	63	86	7	11	86	81	84		
QKBP29	WARRAWEE PATROL P29 ^{PV}	+48	+6.9	+9.6	-11.8	+2.9	+55	+104	+139	+132	+17	+2.3	-10.8	+102	+10.2	+3.8	+2.7	+0.3	+1.9	+0.60	+28	+0.80	+1.22	+1.02	\$278	\$489		
SMPG357	HBR	85%	81%	73%	96%	94%	93%	92%	92%	89%	85%	88%	66%	87%	85%	86%	86%	79%	87%	79%	88%	78%	78%	74%				
QKBM01		73	16	2	1	30	35	23	17	13	56	45	1	2	17	3	11	52	65	84	24	42	93	48	3	1		
CWDM5	WEATHERLY MOXY M5 ^{SV}	+59	+3.4	+6.3	-4.6	+4.0	+55	+99	+133	+110	+27	+2.5	-8.5	+83	+6.6	+2.8	+1.0	+0.1	+2.8	+0.23	+19	+0.94	+1.08	+1.02	\$256	\$429		
SMPG357	HBR	88%	78%	70%	93%	96%	95%	95%	95%	94%	92%	89%	68%	90%	89%	89%	90%	83%	90%	82%	92%	93%	93%	88%				
CWDJ15		65	47	21	50	54	37	35	26	38	5	38	4	15	52	7	30	63	43	49	58	71	75	48	11	8		
JVC21S2	WRIGLEY SUPREME S2 ^{PV}	+128	+9.3	+7.9	-1.2	+2.5	+57	+105	+130	+88	+24	+3.6	-9.5	+84	+7.7	-1.9	-0.7	+0.9	+4.2	+0.65	+5	+0.92	+0.92	+1.06	\$315	\$490		
USA18636106	HBR	78%	72%	64%	97%	96%	95%	95%	95%	88%	80%	92%	56%	82%	82%	82%	83%	76%	83%	71%	92%	91%	92%	88%				
JVCQ83		20	4	9	92	23	28	20	31	72	11	11	1	14	39	87	58	20	17	87	95	67	37	61	1	1		
Breed Average EBVs		+81.	+2.4	+3.1	-4.6	+3.8	+52	+94	+121	+102	+18	+2.3	-5.1	+69	+6.9	+0.1	-0.2	+0.4	+2.6	+0.24	+21	+0.83	+0.97	+1.02	+211	+360		

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