



TransTasman Angus Cattle Evaluation

Shear Force

RESEARCH BREEDING VALUES

JUNE 2025

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 of beef shear force in Australian Angus Cattle.

Shear Force, being an objective assessment of beef tenderness, has been identified as a trait of interest, as it is related to consumer eating experience.

As a result of this collaborative research, Shear Force RBVs are now routinely analyzed every two weeks in the TransTasman Angus Cattle Evaluation (TACE). To underpin this analysis, shear force measurements have been collected on beef samples from progeny in the Angus Sire Benchmarking Program. Angus animals, mostly steers, that are measured for shear force between 300 and 1000 days of age at slaughter are included in the analysis.

Shear Force measurements were collected using the laboratory assessed warner bratzler (WB) method. This involves measuring the force (in kg) it takes pull a blade through a piece of cooked meat. For this study, the samples are all collected from the Longissimus dorsi muscle at the 12th/13th rib grading site (i.e. cube role).



Study of the Angus Australia data by AGBU has demonstrated that a significant portion of the differences in beef shear force of individual animals can be attributed to genetics, having a moderate **heritability of 0.37**. Genetic correlations were not estimated due to the small current reference population size for this trait (n=1,169 as of May 2023).

From this collaborative research, couple with an initial reference population (phenotypes, genotypes and pedigree), it is now possible to generate breeding values for Shear Force and select animals for use within Angus breeding programs with desirable genetics for this trait.

UNDERSTANDING THE RESEARCH BREEDING VALUES

Shear Force Research Breeding Values (RBVs) are provided in this publication for sires with (i) at least 25% accuracy for their Shear Force RBV, and (ii) one or more progeny born in the last two years.

Shear Force (SF) RBVs are estimates of genetic differences between animals in objective beef tenderness.

SF RBVs are calculated from laboratory assessed beef shear force measurements using the Warner Bratzler (WB) method, pedigree and genomics. SF RBVs are expressed in kilograms of shear force that are required to pull a mechanical blade through a piece of cooked meat.

Lower, more negative, SF RBVs are more favourable, indicating that less shear force is required, and hence that the meat is more tender.

USING THE RESEARCH BREEDING VALUES IN SELECTION

The Research Breeding Values in this publication enable Angus breeders to select animals with desirable genetics for beef shear force, 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 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, in the calculation of the Research Breeding Values that are included in this publication.

Angus Australia also acknowledges:

- Meat and Livestock Australia (MLA), particularly for the related R&D funding supplied to AGBU and for the Angus Sire Benchmarking program.
- The University of New England (UNE) Meat Science team particularly Dr Peter McGilchrist and Xuemei Han.

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.

Angus Australia - Shear Force Research Breeding Values

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Ident	Name																										
Sire Dam	Reg.	Shear Force	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	
NXOL172	AJC L172 ^{SV}	-0.07	+7.2	+8.0	-6.0	+3.0	+58	+99	+135	+123	+15	+2.1	-5.1	+71	+6.2	-0.5	+0.5	+0.3	+1.0	-0.98	+22	+1.44	+1.30	+1.18	\$213	\$390	
NXOF43	APR	36%	76%	62%	94%	96%	94%	94%	94%	88%	90%	84%	56%	91%	89%	84%	90%	82%	91%	83%	85%	85%	85%	81%			
NXOJ432		38	13	8	27	29	24	34	21	20	67	51	41	42	53	61	37	53	82	1	47	99	98	89	43	23	
ARRR11	ALKIRA RENEGADE R11 ^{PV}	+0.27	+7.3	+6.2	-4.0	+2.2	+45	+95	+130	+98	+25	+2.2	-7.5	+63	+8.5	+2.3	+1.7	-0.1	+2.1	+0.20	-1	+0.78	+0.72	+0.90	\$227	\$394	
CAN2043806	HBR	37%	68%	57%	96%	94%	92%	92%	91%	85%	77%	86%	46%	79%	78%	79%	79%	72%	79%	63%	89%	73%	73%	65%			
QMUN24		99	12	21	58	16	78	45	31	56	8	47	6	66	27	10	20	75	56	47	99	37	6	16	28	20	
DGJG10	ALLOURA GET CRACKING G10 ^{SV}	-0.05	+7.9	+7.4	-2.9	+2.5	+44	+74	+87	+86	+12	-0.4	-8.1	+46	+14.3	+1.4	+0.5	+0.8	+5.8	+0.46	+6	+0.48	+0.98	+0.94	\$267	\$421	
VTMB1	HBR	48%	95%	86%	99%	99%	98%	98%	98%	98%	98%	97%	77%	96%	94%	95%	95%	91%	93%	89%	97%	96%	96%	94%			
DGJZ15		45	9	12	75	21	84	93	97	76	86	99	3	95	2	21	37	24	2	74	95	3	54	25	4	8	
DGJL94	ALLOURA LOCK STOCK &	-0.09	+6.1	+1.5	-4.2	+2.8	+57	+94	+123	+121	+11	+1.1	-4.2	+65	+0.9	+2.2	-1.3	+0.2	+1.8	-0.39	+24	+0.82	+0.88	+0.92	\$186	\$345	
USA15832750	HBR	41%	80%	72%	93%	96%	94%	94%	94%	92%	88%	88%	54%	89%	84%	81%	86%	77%	87%	78%	93%	84%	82%	77%			
DGJH24		31	20	70	55	26	26	49	45	23	91	84	63	62	96	11	68	59	64	5	37	46	29	21	74	59	
DGJQ30	ALLOURA QUINELLA Q30 ^{SV}	-0.09	+2.1	+1.5	+0.4	+2.9	+52	+97	+117	+120	+14	+3.3	-7.3	+65	+14.2	+0.1	+0.5	+0.8	+7.3	+0.43	+15	+0.92	+1.02	+1.16	\$281	\$458	
WWEL3	HBR	42%	74%	67%	94%	93%	91%	91%	92%	87%	80%	83%	61%	89%	88%	87%	88%	79%	90%	82%	89%	85%	86%	81%			
DGJK117		31	56	70	98	28	46	40	57	24	72	15	8	62	2	47	37	24	1	71	74	67	63	86	2	2	
CGKR232	ALPINE RONALDO R232 ^{PV}	-0.14	+7.5	+7.1	-5.7	+1.8	+54	+100	+138	+118	+26	+2.9	-5.0	+79	+11.5	-3.9	-3.6	+0.7	+3.5	+0.16	+25	+0.60	+0.72	+0.98	\$230	\$403	
NORN542	HBR	42%	69%	61%	96%	94%	93%	92%	90%	86%	79%	86%	52%	80%	78%	79%	79%	72%	80%	67%	89%	80%	80%	77%			
CGKM152		17	11	14	31	12	38	30	17	26	6	24	44	22	8	99	93	29	25	42	34	10	6	37	25	15	
WJMM117	ARDCAIRNIE M117 ^{SV}	-0.08	+6.1	-0.1	-5.5	+3.8	+55	+98	+129	+145	+3	+3.1	-5.4	+73	+10.1	-1.1	-1.7	+1.5	+0.5	+0.12	+11	+0.84	+1.00	+0.92	\$196	\$380	
WJMF96	HBR	50%	77%	66%	93%	96%	95%	94%	94%	90%	87%	90%	57%	86%	85%	85%	86%	78%	87%	76%	83%	81%	81%	77%			
WJMG78		34	20	81	34	47	35	37	32	6	99	19	35	37	14	74	74	5	90	38	86	50	59	21	64	30	
NAQA241	ARDROSSAN EQUATOR A241 ^{PV}	-0.01	-1.3	+3.1	-4.4	+4.1	+50	+91	+121	+108	+20	+3.2	-8.8	+86	+8.1	-2.0	-0.3	+1.2	+1.6	+0.63	+25	+0.46	+0.86	+1.00	\$231	\$389	
USA2928	HBR	81%	99%	98%	99%	99%	99%	99%	99%	99%	99%	99%	95%	99%	98%	98%	98%	98%	98%	96%	99%	99%	99%	99%			
NAQW38		60	80	54	52	54	61	57	50	41	29	17	2	11	31	88	51	10	69	86	33	2	25	43	24	23	
NAQN329	ARDROSSAN HOLBROOK N329	-0.05	-7.4	+0.5	-3.0	+2.7	+47	+86	+111	+77	+25	+2.5	-7.9	+70	+5.5	+2.4	+2.1	-0.9	+3.8	+1.08	+14	+0.82	+1.02	+0.92	\$205	\$322	
NAQH318	HBR	51%	72%	67%	96%	95%	96%	95%	95%	90%	92%	86%	59%	91%	89%	89%	90%	82%	91%	83%	91%	81%	87%	83%			
NAQK30		45	97	77	73	24	71	72	71	85	7	36	4	46	62	9	15	96	19	99	79	46	63	21	54	75	
NAQH255	ARDROSSAN HONOUR H255 ^{PV}	+0.09	-1.8	-0.6	-2.6	+4.6	+43	+75	+97	+93	+13	+2.2	-6.0	+60	+5.7	+0.9	-1.5	+0.6	+2.4	+0.98	+10	+0.44	+1.02	+1.24	\$168	\$293	
NORE11	HBR	60%	96%	89%	99%	99%	98%	98%	98%	98%	98%	98%	85%	97%	96%	96%	96%	95%	96%	92%	98%	97%	97%	96%			
NAQD17		87	82	84	79	65	85	92	91	66	83	47	23	74	59	30	71	35	49	98	89	2	63	96	86	88	
NAQQ67	ARDROSSAN NECTAR Q67 ^{PV}	+0.07	+6.1	+7.1	-8.7	+3.5	+54	+99	+128	+130	+11	+2.8	-6.9	+53	+5.2	+1.6	-0.3	-0.3	+2.7	+0.10	+36	+0.36	+0.82	+1.02	\$211	\$398	
NMMN334	HBR	43%	80%	66%	93%	95%	95%	94%	94%	88%	85%	83%	57%	89%	88%	87%	88%	79%	90%	80%	93%	89%	90%	83%			
NAQL96		83	20	14	5	40	38	35	34	14	91	27	11	88	65	18	51	83	42	36	8	1	18	49	47	17	
QQFH147	ASCOT HALLMARK H147 ^{PV}	-0.31	-3.7	+1.3	-5.0	+7.1	+61	+110	+152	+138	+14	+3.8	-6.0	+79	-1.6	+0.6	-0.2	-0.9	+3.3	+0.35	+18	+0.48	+0.88	+1.02	\$196	\$365	
VTME343	HBR	43%	96%	89%	99%	99%	98%	98%	98%	98%	98%	98%	80%	96%	95%	96%	96%	94%	95%	90%	97%	95%	95%	93%			
NMMF123		1	89	71	42	96	15	11	5	9	74	8	23	22	99	36	49	96	28	63	61	3	29	49	63	43	
HIOE7	AYRVALE BARTEL E7 ^{PV}	-0.10	+8.7	+9.1	-4.4	+1.8	+49	+87	+113	+75	+26	+2.5	-9.4	+65	+8.0	-0.4	+0.6	+1.2	+3.5	+0.28	+5	+1.04	+1.02	+1.14	\$292	\$450	
VTMB219	HBR	83%	99%	97%	99%	99%	99%	99%	99%	99%	99%	99%	94%	98%	98%	98%	98%	98%	98%	96%	99%	99%	99%	99%			
BVV B32		28	6	4	52	12	62	71	68	87	6	36	1	63	32	59	35	10	25	56	96	85	63	82	1	2	
Breed Average EBVs		-0.04	+2.2	+3.0	-4.5	+3.9	+52	+93	+120	+102	+17	+2.2	-4.8	+69	+6.5	+0.0	-0.2	+0.4	+2.5	+0.23	+21	+0.84	+0.96	+1.02	+205	+351	

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Ident	Name																										
Sire Dam	Reg.	Shear Force	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	
NBB21S86	BALD BLAIR STIRLING S86 ^{PV}	-0.03	+6.4	+9.1	-4.1	+2.4	+65	+108	+143	+116	+19	+3.9	-4.9	+93	+5.3	-2.2	-3.7	+0.1	+3.6	-0.23	+6	+0.72	+0.64	+1.08	\$244	\$420	
NMMP15	HBR	39%	75%	64%	96%	95%	94%	93%	92%	87%	79%	81%	51%	80%	78%	79%	79%	73%	80%	68%	92%	81%	81%	77%			
NBBQ25		53	18	4	57	19	6	14	11	28	37	7	46	5	64	90	93	65	23	11	95	26	2	68	14	8	
ECMM114	BANNABY BERKLEY M114 ^{SV}	-0.04	+3.2	+2.8	-9.9	+4.0	+55	+94	+137	+164	+5	+4.0	-8.2	+65	+2.8	-1.0	-3.6	+0.3	+2.6	+0.05	+16	+0.80	+0.74	+1.12	\$184	\$386	
VTMB1	HBR	47%	79%	71%	95%	94%	92%	92%	93%	88%	85%	88%	66%	87%	86%	86%	87%	80%	88%	79%	85%	87%	87%	84%			
BBAZ107		49	46	57	2	52	35	48	18	2	99	6	3	60	88	72	93	53	44	31	70	41	8	78	75	25	
VONN462	BANQUET NUTTELLA N462 ^{PV}	-0.04	-1.9	+1.8	-4.1	+7.2	+56	+104	+143	+113	+26	+3.4	-4.7	+69	+3.5	-0.1	-1.5	+0.0	+1.2	-0.31	+56	+0.54	+0.92	+0.80	\$185	\$331	
VONJ507	HBR	42%	82%	68%	96%	98%	96%	97%	96%	91%	87%	94%	57%	89%	88%	88%	88%	81%	89%	78%	95%	78%	79%	73%			
VONK224		49	83	67	57	97	29	21	11	34	5	14	51	51	83	52	71	70	78	7	1	5	39	5	74	70	
NBNN239	BEN NEVIS NEWSFLASH N239 ^{PV}	-0.22	-0.3	+3.3	-4.2	+4.9	+59	+99	+134	+119	+18	+0.9	-2.6	+83	+5.3	-2.3	+0.1	+0.4	+1.3	+0.26	+10	+0.98	+0.96	+0.86	\$190	\$335	
USA16956101	HBR	39%	85%	74%	98%	98%	96%	97%	97%	94%	92%	93%	63%	92%	91%	91%	91%	85%	92%	84%	91%	93%	93%	90%			
NBNH215		5	74	52	55	72	20	33	23	25	41	88	90	14	64	91	44	47	76	53	89	77	49	10	69	66	
NBNP122	BEN NEVIS PRIME P122 ^{PV}	+0.07	+4.2	+7.1	+0.4	+2.3	+56	+86	+111	+75	+12	+3.0	-3.9	+62	+5.7	+1.3	+1.9	-0.5	+4.7	+0.36	+24	+0.70	+0.74	+0.98	\$237	\$370	
USA17960722	HBR	42%	79%	68%	94%	95%	93%	93%	93%	88%	84%	87%	58%	82%	82%	82%	82%	77%	82%	70%	85%	88%	88%	84%			
NBNM115		83	37	14	98	18	32	73	71	87	86	22	70	70	59	23	17	89	8	64	38	22	8	37	19	38	
NBNR138	BEN NEVIS RONAN R138 ^{PV}	+0.12	+4.8	+6.6	-8.5	+3.5	+73	+120	+148	+141	+12	+2.2	-4.6	+79	+8.5	-1.4	-2.4	+0.6	+1.4	-0.03	+29	+0.74	+0.86	+0.94	\$252	\$444	
USA17960722	HBR	38%	76%	67%	88%	90%	90%	90%	89%	85%	79%	82%	55%	79%	76%	77%	77%	71%	79%	69%	84%	85%	87%	83%			
NBNP153		92	31	18	6	40	1	3	7	7	86	47	54	22	27	80	83	35	74	24	21	29	25	25	9	3	
NGXQ227	BONGONGO BE QUICK Q227 ^{PV}	-0.12	+4.2	+2.0	-4.2	+2.8	+50	+91	+113	+67	+24	+3.8	-6.5	+64	+11.5	+0.6	+2.7	+0.2	+5.9	+1.13	+18	+0.64	+1.08	+1.12	\$284	\$422	
VLYM518	HBR	41%	73%	66%	97%	97%	95%	94%	93%	89%	81%	85%	61%	90%	89%	88%	89%	81%	91%	82%	91%	87%	87%	83%			
NGXN221		22	37	65	55	26	57	58	68	92	10	8	16	65	8	36	10	59	2	99	61	14	76	78	1	7	
NGXP212	BONGONGO P212 ^{PV}	-0.08	+6.2	+9.4	-6.9	+2.3	+46	+86	+102	+77	+22	+3.8	-9.2	+54	+3.9	+3.1	+5.5	-1.0	+4.9	+0.93	+8	+0.76	+0.82	+0.94	\$257	\$420	
NORL508	HBR	39%	71%	63%	96%	96%	95%	95%	94%	92%	85%	87%	61%	89%	89%	88%	89%	82%	90%	82%	86%	85%	85%	81%			
NGXL13		34	19	3	17	18	75	72	85	85	16	8	1	86	79	5	1	97	7	97	92	33	18	25	7	8	
NUIF32	BONNY BROOKE FALCO F32 ^{SV}	+0.08	-4.2	-10.5	-0.1	+6.0	+53	+83	+108	+90	+18	-0.5	-2.1	+66	-2.0	+2.2	+1.3	-1.1	+2.0	-0.38	+20	+1.00	+0.92	+1.08	\$127	\$220	
NGMC196	HBR	46%	67%	55%	91%	89%	91%	89%	91%	84%	78%	77%	52%	84%	82%	82%	83%	73%	82%	73%	81%	79%	79%	74%			
NUID96		86	91	99	96	88	42	79	76	69	44	99	95	58	99	11	25	98	59	5	54	80	39	68	98	99	
HCAG013	BOONAROO GRAVITY G013 ^{PV}	-0.01	+4.7	+3.9	-5.4	+3.7	+51	+87	+114	+100	+22	+3.9	-5.4	+57	+5.6	-2.8	-3.5	+1.3	+2.9	-0.77	+22	+0.50	+0.92	+1.06	\$213	\$362	
VTMA217	HBR	54%	91%	84%	98%	98%	97%	97%	97%	95%	96%	97%	73%	93%	92%	92%	93%	88%	91%	86%	95%	94%	94%	91%			
VTMZ618		60	32	45	36	45	54	69	64	54	16	7	35	80	60	95	92	8	37	1	47	3	39	62	43	45	
HCAN20	BOONAROO KASBAH N20 ^{SV}	-0.13	+4.8	+2.1	-5.3	+5.6	+48	+89	+114	+112	+15	+3.6	-6.5	+55	+5.6	-0.7	-1.5	+0.9	+2.1	+0.77	+18	+0.86	+1.04	+1.08	\$200	\$361	
VTMK338	HBR	38%	77%	65%	93%	96%	95%	94%	91%	92%	87%	91%	55%	90%	89%	88%	89%	79%	91%	84%	94%	91%	91%	86%			
HCAL54		19	31	64	37	84	69	65	65	35	68	11	16	85	60	66	71	20	56	93	64	54	68	68	59	45	
NGME124	BOOROOMOOKA INSPIRED E124	-0.20	-5.4	+0.5	-6.0	+3.7	+45	+82	+107	+104	+15	+0.9	-8.4	+83	+3.5	-0.3	+3.6	-0.3	+2.3	+0.94	+19	+0.80	+0.80	+0.80	\$190	\$329	
NAQA241	HBR	81%	96%	92%	99%	99%	98%	98%	98%	98%	98%	98%	84%	97%	96%	96%	96%	95%	96%	90%	98%	97%	97%	96%			
NGMB325		7	94	77	27	45	78	81	78	48	70	88	3	15	83	57	6	83	51	97	60	41	15	5	69	71	
NGMN418	BOOROOMOOKA JACKPOT N418	-0.07	+2.1	+7.0	-8.8	+5.5	+63	+112	+138	+135	+4	+3.4	-7.7	+81	+8.5	-0.7	-0.3	+0.8	+2.7	+0.29	+28	+1.30	+1.08	+1.06	\$271	\$466	
WWEL3	HBR	42%	71%	66%	95%	97%	96%	96%	96%	94%	89%	94%	63%	89%	87%	87%	88%	81%	88%	80%	95%	93%	93%	87%			
NGML471		38	56	15	5	82	9	9	17	11	99	14	5	18	27	66	51	24	42	57	23	99	76	62	3	1	
Breed Average EBVs		-0.04	+2.2	+3.0	-4.5	+3.9	+52	+93	+120	+102	+17	+2.2	-4.8	+69	+6.5	+0.0	-0.2	+0.4	+2.5	+0.23	+21	+0.84	+0.96	+1.02	+205	+351	

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Ident	Name																											
Sire Dam	Reg.	Shear Force	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		
NGMN213	BOOROOMOOKA NORMANDY	-0.12	+11.6	+11.1	-7.7	+1.1	+41	+73	+99	+73	+23	+3.3	-8.9	+49	+3.9	-2.8	-3.3	+0.9	+3.3	+0.93	+32	+0.72	+0.58	+1.04	\$225	\$373		
NGML201	HBR	42%	78%	66%	95%	96%	95%	96%	95%	94%	90%	94%	56%	89%	87%	87%	88%	79%	89%	79%	95%	93%	93%	85%				
NGML45		22	1	1	10	6	90	94	89	88	12	15	2	93	79	95	91	20	28	97	15	26	1	55	30	36		
NGMP96	BOOROOMOOKA PARAGON P96	-0.07	-4.3	+2.0	-7.8	+3.7	+63	+119	+161	+124	+29	+3.6	-8.3	+110	+13.4	-2.8	-1.4	+1.5	+2.4	+0.88	+33	+0.84	+1.00	+1.10	\$291	\$465		
WWEL3	HBR	42%	82%	75%	99%	98%	98%	98%	98%	96%	93%	97%	66%	94%	92%	91%	92%	84%	93%	87%	98%	97%	97%	94%				
NGMM566		38	91	65	10	45	9	3	2	19	2	11	3	1	3	95	70	5	49	96	13	50	59	73	1	1		
NGMP22	BOOROOMOOKA PRESIDENT	-0.15	-1.3	+3.8	-6.3	+5.0	+58	+107	+143	+124	+21	+3.1	-5.9	+79	+5.5	+0.1	+0.9	+0.1	+2.7	+0.60	+18	+0.36	+0.64	+0.88	\$228	\$395		
NGMK9	HBR	45%	69%	62%	97%	96%	95%	95%	96%	92%	86%	91%	59%	91%	89%	89%	90%	80%	91%	84%	94%	88%	89%	83%				
NGMK640		15	80	47	23	74	22	15	11	19	20	19	25	22	62	47	30	65	42	84	60	1	2	13	26	19		
NGMR49	BOOROOMOOKA RAUDONIKIS	-0.01	+5.2	+5.1	-5.4	+3.8	+63	+105	+130	+99	+20	+3.7	-2.7	+73	+12.5	-0.3	-1.9	+1.2	+1.0	+0.09	+30	+1.04	+0.82	+0.84	\$235	\$386		
USA17960722	HBR	37%	71%	65%	92%	93%	91%	91%	90%	87%	80%	86%	54%	80%	77%	78%	79%	72%	79%	68%	89%	80%	80%	75%				
NGMP361		60	28	32	36	47	9	19	30	55	26	9	89	37	5	57	77	10	82	35	20	85	18	8	20	25		
BOWK2	BOWMAN AUSTRALIA K2 ^{PV}	-0.14	+7.6	+2.1	-6.5	+3.5	+49	+98	+123	+95	+22	+5.0	-7.6	+69	+8.2	-0.1	-1.4	+0.9	+1.5	-0.59	+11	+0.86	+1.02	+0.94	\$228	\$390		
VTME343	HBR	45%	80%	76%	94%	91%	91%	91%	91%	88%	86%	85%	69%	89%	88%	88%	88%	83%	90%	83%	88%	84%	85%	81%				
NAQZ31		17	10	64	21	40	65	37	45	62	19	2	6	51	30	52	70	20	72	2	86	54	63	25	26	22		
SRKK306	BOWMONT KING K306 ^{PV}	-0.12	-1.5	-9.1	-4.6	+4.5	+49	+78	+103	+86	+2	-0.3	-4.2	+65	+14.7	-0.4	-1.8	+1.5	+4.8	+0.51	+25	+0.54	+0.90	+0.70	\$230	\$341		
NJWG279	HBR	45%	75%	73%	97%	98%	97%	97%	97%	95%	95%	96%	70%	94%	93%	93%	93%	91%	94%	87%	96%	94%	94%	91%				
TFAD58		22	81	99	48	63	63	88	84	75	99	99	63	63	2	59	76	5	7	78	32	5	34	1	25	62		
BON21S004	BRIDGEWATER HOMETOWN	+0.06	+9.9	+8.6	-9.4	+1.5	+60	+100	+129	+100	+17	+3.0	-8.0	+87	+9.8	+2.2	+0.8	+0.0	+2.7	+0.31	+38	+1.36	+1.06	+0.84	\$273	\$449		
USA19266718	HBR	38%	70%	62%	92%	89%	89%	88%	86%	84%	78%	81%	49%	78%	77%	77%	78%	71%	79%	65%	85%	72%	72%	69%				
BONQ008		81	2	5	3	9	16	32	31	54	49	22	4	10	16	11	32	70	42	59	6	99	72	8	3	2		
BONQ007	BRIDGEWATER QUANTUM Q007	-0.06	-3.2	-1.0	-5.3	+5.6	+63	+99	+130	+102	+22	+0.5	-5.8	+87	+7.0	-0.3	-1.8	+0.2	+2.1	+0.17	+20	+0.98	+0.80	+1.04	\$226	\$359		
QMUM13	HBR	43%	70%	64%	93%	93%	92%	92%	93%	87%	80%	87%	58%	90%	89%	88%	89%	79%	91%	84%	86%	83%	84%	80%				
HIOL28		41	88	86	37	84	9	33	30	50	18	94	27	10	43	57	76	59	56	43	52	77	15	55	29	47		
AMQL39	BROOKLANA INFINITY L39 ^{SV}	+0.10	-9.6	-5.1	-1.4	+5.6	+49	+88	+111	+127	+9	+3.5	-4.4	+39	-3.9	+1.0	+2.5	-0.6	+1.5	+0.01	+28	+0.88	+0.94	+0.78	\$107	\$234		
NZE04379	HBR	55%	77%	70%	94%	93%	91%	91%	91%	87%	81%	82%	65%	90%	89%	84%	89%	82%	91%	85%	87%	85%	85%	81%				
AMQH11		89	98	97	90	84	65	66	71	16	96	12	58	98	99	28	12	91	72	27	24	59	44	4	99	98		
QBUG49	BURENDA GEIGER COUNTER	+0.10	+8.4	+8.8	-6.6	+2.9	+41	+81	+106	+91	+17	+2.0	-8.9	+63	+3.5	+0.2	-1.5	+0.4	+3.3	+0.14	+26	+0.98	+1.20	+0.94	\$220	\$381		
VTMB1	HBR	48%	86%	76%	97%	97%	96%	96%	95%	94%	93%	94%	69%	92%	91%	91%	86%	90%	85%	95%	85%	85%	82%					
QBUE5		89	7	5	20	28	90	84	80	69	49	55	2	68	83	45	71	47	28	40	30	77	92	25	36	29		
WLHD19	CHERYLTON STEWIE D19 ^{PV}	+0.05	+3.4	+2.4	-4.7	+3.1	+45	+90	+111	+96	+20	+2.2	-7.2	+57	+4.7	-1.6	+1.2	-0.2	+4.1	+0.38	+15	+1.02	+1.00	+1.04	\$221	\$375		
USA13058662	HBR	83%	94%	89%	98%	98%	98%	98%	98%	97%	98%	98%	77%	96%	95%	95%	93%	95%	89%	96%	95%	95%	92%					
USA14311946		79	45	61	47	31	78	61	71	60	30	47	8	80	71	83	26	79	15	66	74	83	59	55	34	34		
GTNM6	CHILTERN PARK MOE M6 ^{PV}	-0.18	+5.7	+3.5	-1.2	+3.1	+51	+100	+135	+80	+32	+1.4	-6.4	+84	+6.6	-0.9	+0.6	+0.2	+1.8	+0.19	+39	+0.72	+1.04	+1.08	\$245	\$391		
VTMF734	HBR	44%	91%	84%	99%	99%	99%	99%	99%	98%	98%	99%	76%	96%	94%	95%	95%	91%	94%	87%	99%	99%	99%	98%				
VSNF15		10	24	50	92	31	53	32	21	82	1	76	17	14	48	70	35	59	64	46	5	26	68	68	13	22		
GTNP9	CHILTERN PARK PICASSO P9 ^{PV}	+0.05	+8.5	+8.8	-3.5	+1.1	+53	+100	+127	+85	+24	+3.3	-8.3	+89	+6.1	+0.0	+1.3	-0.7	+4.1	+0.68	+30	+0.64	+0.74	+0.82	\$266	\$434		
HKFJ5	HBR	48%	83%	69%	99%	98%	97%	97%	97%	92%	88%	95%	63%	90%	87%	88%	88%	81%	89%	78%	96%	94%	94%	90%				
GTNK26		79	6	5	66	6	44	32	36	76	8	15	3	8	54	50	25	93	15	89	18	14	8	6	4	4		
Breed Average EBVs		-0.04	+2.2	+3.0	-4.5	+3.9	+52	+93	+120	+102	+17	+2.2	-4.8	+69	+6.5	+0.0	-0.2	+0.4	+2.5	+0.23	+21	+0.84	+0.96	+1.02	+205	+351		

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Ident	Name																									
Sire Dam	Reg.	Shear Force	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
GTNQ322	CHILTERN PARK QUADRANT	+0.11	+6.4	+4.3	-2.2	+3.4	+62	+115	+144	+106	+20	+4.4	-6.3	+92	+13.0	-1.7	-1.2	+0.7	+4.0	+0.90	+6	+1.10	+1.10	+1.00	\$292	\$471
USA18636106	HBR	40%	81%	70%	97%	97%	94%	96%	94%	89%	80%	85%	59%	90%	88%	88%	89%	79%	90%	82%	87%	86%	86%	81%		
GTNL198		91	18	41	83	38	11	6	10	44	29	4	18	5	4	84	66	29	16	96	95	91	80	43	1	1
QMUM13	CLUNES CROSSING DUSTY M13	+0.17	+1.4	+5.4	-6.7	+5.3	+63	+100	+117	+57	+17	+0.9	-7.3	+70	+12.6	-2.5	-3.3	+1.0	+2.1	+0.27	+10	+0.84	+0.86	+1.00	\$297	\$424
USA16295688	HBR	40%	85%	81%	99%	99%	98%	98%	98%	98%	98%	98%	78%	96%	95%	95%	95%	93%	95%	88%	98%	98%	97%			
QMUG1		97	62	29	19	79	9	31	58	97	53	88	8	47	5	93	91	16	56	54	89	50	25	43	1	7
NBHL348	CLUNIE RANGE LEGEND L348 ^{PV}	+0.12	-6.0	+4.4	-7.8	+5.8	+57	+102	+123	+153	+2	+2.8	-6.0	+61	-0.2	+3.8	+0.8	-0.8	+2.6	+0.13	+24	+0.50	+0.80	+1.20	\$159	\$333
NZE14647008839	HBR	39%	95%	87%	99%	99%	98%	98%	98%	98%	98%	98%	80%	96%	94%	95%	95%	93%	94%	87%	97%	97%	96%			
AHWJ81		92	95	40	10	86	28	25	44	3	99	27	23	72	98	3	32	95	44	39	39	3	15	92	90	68
NBHP392	CLUNIE RANGE PLANTATION	+0.19	+4.6	+3.4	-5.1	+4.4	+68	+117	+145	+110	+22	+5.3	-4.3	+72	-1.3	-0.3	-1.5	-1.6	+3.9	+0.20	+24	+0.70	+0.88	+0.82	\$219	\$384
USA17960722	HBR	37%	90%	78%	99%	99%	98%	98%	98%	95%	92%	98%	65%	91%	91%	90%	90%	84%	91%	82%	98%	98%	98%	97%		
NBHM516		98	33	51	40	61	4	5	10	38	18	1	61	41	99	57	71	99	18	47	37	22	29	6	37	26
WDCH249	COONAMBLE HECTOR H249 ^{SV}	-0.03	+1.6	+1.2	-8.4	+4.6	+45	+80	+99	+94	+5	+1.3	-4.6	+45	+9.2	+4.3	+4.5	+0.6	+0.2	-0.44	+40	+0.40	+0.48	+0.80	\$182	\$316
USA14885809	HBR	51%	96%	88%	99%	99%	98%	98%	98%	98%	98%	98%	79%	96%	95%	96%	96%	94%	95%	89%	98%	96%	96%	94%		
WDCE9		53	61	72	6	65	80	86	88	64	99	79	54	96	21	2	3	35	94	4	4	1	1	5	76	78
USA19611994	DB ICONIC G95 ^{PV}	+0.13	+3.9	+7.5	-3.2	+3.0	+67	+123	+152	+145	+14	+3.0	-4.4	+86	+6.1	+0.1	+0.6	-0.7	+4.2	+0.25	+41	+1.18	+0.98	+0.80	\$246	\$445
USA18467508	HBR	37%	77%	65%	97%	96%	94%	94%	94%	91%	88%	89%	62%	91%	90%	89%	89%	82%	92%	82%	86%	98%	97%	83%		
USA18974126		93	40	11	71	29	4	2	5	6	77	22	58	11	54	47	35	93	13	52	3	96	54	5	12	3
NJS21S15	DEVANAH SATURN S15 ^{PV}	-0.01	+5.9	+1.2	-7.5	+3.5	+64	+110	+143	+104	+27	+4.3	-7.0	+87	+8.5	-1.0	-2.1	+0.3	+2.2	+0.46	+17	+0.86	+0.94	+0.86	\$261	\$429
USA18636106	HBR	40%	75%	63%	93%	93%	91%	90%	87%	84%	78%	84%	50%	79%	76%	77%	77%	70%	79%	67%	86%	83%	84%	79%		
QHEJ100		60	22	72	12	40	8	12	11	48	4	4	10	9	27	72	80	53	54	74	65	54	44	10	5	5
WKGQ202	DIAMOND ONE ALL IN Q202 ^{SV}	-0.17	-7.5	-8.7	-5.7	+8.1	+72	+125	+168	+151	+23	+2.9	-5.0	+100	+10.6	-6.1	-6.2	+1.9	-0.3	-0.79	+34	+0.96	+0.62	+0.88	\$215	\$374
WKGN129	HBR	36%	71%	56%	94%	91%	90%	90%	87%	83%	76%	79%	42%	76%	72%	74%	74%	66%	75%	60%	86%	61%	61%	56%		
WKGL21		11	97	99	31	99	1	2	1	4	12	24	44	2	12	99	99	2	97	1	11	74	2	13	41	34
NGCM028	DULVERTON MEDAGLIA M028 ^{PV}	+0.05	-10.1	-3.7	-4.5	+7.4	+70	+118	+157	+153	+11	+1.1	-4.2	+82	+5.6	-1.0	-3.8	+0.4	+2.3	-0.78	+19	+1.12	+1.12	+1.12	\$197	\$351
QHEJ134	HBR	43%	73%	64%	93%	91%	94%	94%	94%	88%	88%	91%	55%	88%	86%	86%	87%	78%	88%	78%	82%	78%	79%	75%		
NGCK204		79	99	95	50	98	2	4	3	3	89	84	63	16	60	72	94	47	51	1	59	93	83	78	63	54
CYIR18	EBONY BEEF BILLIE RAY R18 ^{PV}	+0.04	+2.9	+7.8	-3.8	+5.4	+67	+107	+129	+70	+23	+2.7	-5.9	+78	+11.3	-2.3	-1.5	+0.7	+1.9	+0.27	-3	+1.04	+0.86	+1.14	\$291	\$431
QMUM13	APR	44%	70%	64%	93%	92%	90%	90%	87%	85%	79%	81%	55%	80%	79%	80%	80%	73%	81%	70%	87%	79%	79%	76%		
CYIM611		76	49	9	61	80	4	15	33	91	12	30	25	26	8	91	71	29	61	54	99	85	25	82	1	5
USA16198796	EF COMPLEMENT 8088 ^{PV}	-0.10	+4.5	+7.0	-4.6	+3.0	+53	+98	+130	+100	+21	+1.4	-7.4	+76	+7.6	+1.2	+0.6	+0.8	+1.6	+0.61	+20	+0.92	+1.24	+1.16	\$254	\$419
USA14686137	HBR	43%	99%	95%	99%	99%	99%	99%	99%	99%	99%	99%	92%	98%	98%	98%	98%	97%	97%	94%	99%	99%	99%	99%		
USA15452880		28	34	15	48	29	46	36	31	54	24	76	7	29	36	24	35	24	69	85	53	67	95	86	8	8
WWEL3	ESSLEMONT LOTTO L3 ^{PV}	-0.25	-5.5	-1.4	-5.4	+4.6	+60	+110	+140	+134	+15	+3.6	-9.9	+89	+14.7	-0.5	+0.8	+1.5	+3.8	+0.37	+15	+1.12	+1.00	+1.14	\$297	\$478
HIOG18	HBR	45%	87%	86%	99%	99%	99%	99%	99%	98%	98%	98%	84%	97%	96%	96%	97%	95%	96%	92%	98%	98%	98%	98%		
WWEJ8		3	94	88	36	65	16	11	14	11	68	11	1	7	2	61	32	5	19	65	76	93	59	82	1	1
WWEQ24	ESSLEMONT QUOKKA Q24 ^{PV}	-0.21	+6.0	+1.4	-4.8	+1.5	+41	+82	+92	+48	+18	+3.8	-7.4	+64	+17.0	+1.4	+0.4	+2.2	+2.2	+1.13	+30	+0.76	+0.82	+0.92	\$273	\$400
WWEN12	HBR	44%	69%	62%	95%	96%	94%	94%	93%	89%	81%	91%	58%	90%	89%	88%	89%	80%	91%	84%	87%	81%	81%	78%		
WWEN7		6	21	70	45	9	90	82	94	99	44	8	7	65	1	21	38	1	54	99	18	33	18	21	3	17
Breed Average EBVs		-0.04	+2.2	+3.0	-4.5	+3.9	+52	+93	+120	+102	+17	+2.2	-4.8	+69	+6.5	+0.0	-0.2	+0.4	+2.5	+0.23	+21	+0.84	+0.96	+1.02	+205	+351

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Ident	Name																									
Sire Dam	Reg.	Shear Force	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
WWE21S6	ESSLEMONT SEAN S6 ^{PV}	-0.21	+5.7	+7.6	-6.0	+2.7	+57	+101	+113	+86	+14	+4.3	-6.4	+78	+17.1	+2.4	+1.0	+1.2	+3.8	+1.08	+27	+1.08	+1.20	+1.12	\$297	\$462
NGMN418	HBR	43%	69%	63%	94%	91%	91%	90%	89%	86%	79%	82%	53%	81%	78%	79%	79%	72%	81%	71%	89%	68%	68%	66%		
WWEN7		6	24	10	27	24	27	29	67	75	72	4	17	24	1	9	29	10	19	99	26	89	92	78	1	1
USA18217198	G A R ASHLAND ^{PV}	+0.10	+2.5	+4.2	-6.0	+3.2	+66	+115	+146	+119	+16	+1.4	-3.5	+88	+12.6	-2.5	-2.0	+1.1	+2.7	+0.07	+11	+1.22	+1.12	+0.86	\$265	\$432
USA17354178	HBR	37%	96%	88%	99%	99%	99%	99%	99%	98%	98%	99%	79%	97%	96%	96%	96%	95%	96%	89%	99%	99%	99%	98%		
USA16934264		89	53	42	27	33	5	6	9	25	61	76	78	8	5	93	78	13	42	33	87	98	83	10	4	5
USA16295688	G A R PROPHET ^{SV}	+0.09	+3.5	+6.3	-0.7	+3.7	+67	+108	+133	+85	+23	+0.7	-4.7	+72	+3.8	-0.3	-1.5	-0.9	+4.7	+0.81	+27	+1.02	+0.82	+0.92	\$262	\$407
USA13009379	HBR	38%	98%	94%	99%	99%	99%	99%	99%	99%	99%	99%	91%	98%	97%	98%	98%	97%	97%	94%	99%	99%	99%	98%		
USA15129456		87	44	20	94	45	4	15	24	77	14	92	51	40	80	57	71	96	8	94	28	83	18	21	5	13
USA17328461	G A R SURE FIRE ^{SV}	+0.06	+6.1	+2.1	-3.0	+2.3	+50	+90	+113	+85	+21	+4.1	-7.3	+64	+8.0	-0.3	-0.6	+0.9	+3.4	-0.13	+26	+1.18	+0.92	+0.62	\$250	\$402
USA16205036	HBR	39%	95%	87%	99%	99%	98%	98%	98%	97%	98%	98%	81%	97%	96%	96%	96%	95%	96%	90%	97%	99%	99%	93%		
USA16431932		81	20	64	73	18	60	61	67	76	25	5	8	63	32	57	56	20	26	16	32	96	39	1	10	15
USA18690054	GB FIREBALL 672 ^{PV}	+0.04	+2.1	+6.2	-4.8	+2.6	+61	+99	+131	+122	+17	+2.7	-7.9	+79	+14.6	-2.7	-4.3	+0.9	+5.4	+0.61	+13	+1.06	+0.94	+0.80	\$281	\$460
USA17965471	HBR	34%	95%	85%	99%	99%	99%	99%	99%	98%	97%	98%	70%	96%	94%	94%	94%	91%	94%	86%	98%	99%	99%	98%		
USA18054344		76	56	21	45	22	13	34	28	22	51	30	4	23	2	94	96	20	4	85	82	87	44	5	2	1
QBGH221	GLENOCH HINMAN H221 ^{SV}	-0.23	+6.6	-3.0	-3.0	+3.0	+53	+94	+126	+113	+19	+1.0	-3.1	+85	+6.9	-2.3	-5.0	+0.8	+5.3	-0.35	+10	+0.82	+0.78	+1.04	\$209	\$355
BNAD145	HBR	47%	73%	69%	97%	97%	96%	96%	96%	92%	94%	95%	70%	92%	91%	91%	92%	88%	92%	85%	86%	89%	89%	85%		
QBGD80		5	16	93	73	29	43	49	38	33	33	86	84	12	44	91	98	24	4	6	89	46	12	55	48	51
DKKM41	HARDHAT H708 MAIMURU J51	-0.01	-1.2	+2.9	-1.6	+2.3	+42	+91	+117	+97	+11	+1.3	-3.1	+62	+1.7	+0.9	-2.0	-0.6	+6.4	+0.04	+25	+1.08	+1.02	+1.10	\$179	\$311
NORH708	APR	45%	71%	63%	95%	94%	92%	91%	91%	87%	84%	86%	65%	90%	89%	88%	89%	81%	91%	84%	88%	89%	90%	86%		
DKKJ51		60	80	56	89	18	87	57	58	58	90	79	84	70	93	30	78	91	1	30	35	89	63	73	79	81
DKKN43	HARDHAT K522 NEBRASKA	+0.00	+7.1	+6.2	-9.5	+2.2	+58	+99	+134	+124	+14	+5.1	-7.5	+69	+2.7	+0.5	+0.1	-0.4	+0.4	+0.14	+14	+0.78	+0.82	+0.88	\$198	\$383
NORK522	HBR	44%	79%	69%	94%	95%	94%	93%	91%	90%	88%	89%	59%	89%	87%	87%	88%	80%	90%	82%	92%	91%	91%	86%		
NKLF143		63	13	21	3	16	23	34	23	19	76	1	6	49	88	38	44	86	92	40	78	37	18	13	61	28
NHZP434	HAZELDEAN P434 ^{SV}	-0.01	+8.3	+5.6	-7.2	+1.7	+46	+86	+114	+95	+18	+2.7	-7.7	+70	+2.9	+0.5	-3.8	+0.9	+1.8	+0.69	+45	+0.58	+0.94	+1.06	\$204	\$360
NHZJ140	APR	47%	79%	66%	97%	96%	95%	95%	95%	90%	85%	93%	62%	90%	88%	88%	89%	81%	90%	83%	92%	89%	89%	84%		
NHZL527		60	7	27	14	11	77	71	65	61	40	30	5	46	87	38	94	20	64	89	2	8	44	62	55	46
NHZQ1229	HAZELDEAN Q1229 ^{PV}	-0.04	+1.2	+5.1	-3.5	+4.0	+57	+102	+126	+80	+20	+4.6	-7.3	+79	+11.6	+0.0	-2.7	+0.4	+4.0	+0.94	+28	+0.64	+1.00	+0.94	\$272	\$420
NHZF1023	APR	50%	80%	66%	98%	98%	97%	97%	96%	89%	81%	96%	62%	90%	90%	89%	90%	81%	91%	83%	97%	94%	94%	91%		
NHZJ823		49	64	32	66	52	28	26	39	83	30	3	8	23	7	50	86	47	16	97	25	14	59	25	3	8
NHZQ319	HAZELDEAN Q319 ^{PV}	-0.11	+3.9	+9.3	-8.7	+2.5	+54	+105	+142	+140	+17	+3.2	-10.2	+81	+2.4	+2.7	+1.1	-1.0	+4.9	+0.59	+31	+0.80	+0.98	+1.08	\$251	\$460
NHZM586	APR	43%	79%	64%	98%	98%	96%	96%	95%	89%	81%	95%	64%	91%	89%	89%	90%	81%	91%	82%	96%	92%	92%	88%		
NHZL1175		25	40	3	5	21	38	19	12	8	54	17	1	18	90	7	27	97	7	84	16	41	54	68	9	1
NHZR1561	HAZELDEAN RONALDO R1561 ^{PV}	-0.07	-7.1	+4.8	-5.7	+6.2	+66	+111	+146	+148	+9	+0.8	-3.9	+73	+3.9	-0.7	-1.3	-0.3	+3.9	+0.48	+15	+0.70	+0.84	+0.96	\$202	\$364
NORL519	HBR	39%	78%	69%	97%	96%	95%	95%	92%	87%	80%	93%	59%	82%	80%	80%	81%	75%	82%	71%	94%	86%	86%	81%		
NHZJ115		38	96	35	31	91	5	10	9	5	95	90	70	38	79	66	68	83	18	76	74	22	21	31	57	43
VMIC31	INNESDALE CARBINE C31 ^{SV}	-0.03	+0.5	-4.7	-1.4	+5.4	+37	+63	+81	+87	+18	+0.6	-5.2	+35	+3.3	-0.2	-0.9	+1.1	+0.7	+0.34	+6	+0.68	+0.98	+1.04	\$129	\$237
USA14739204	HBR	81%	86%	78%	95%	97%	96%	96%	95%	94%	94%	93%	68%	92%	91%	91%	92%	86%	92%	84%	91%	82%	77%			
VMIU102		53	69	96	90	80	96	99	98	74	41	93	39	99	84	54	61	13	87	62	95	19	54	55	98	98
Breed Average EBVs		-0.04	+2.2	+3.0	-4.5	+3.9	+52	+93	+120	+102	+17	+2.2	-4.8	+69	+6.5	+0.0	-0.2	+0.4	+2.5	+0.23	+21	+0.84	+0.96	+1.02	+205	+351

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Ident	Name																										
Sire Dam	Reg.	Shear Force	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	
NZE13300018	KAKAHU PIVOTAL 18004 ^{PV}	-0.16	+4.5	+2.6	-7.1	+3.9	+56	+102	+122	+67	+28	+3.6	-8.7	+84	+9.4	+1.0	+1.6	+0.3	+4.4	+0.60	+0	+0.68	+0.90	+1.10	\$308	\$457	
WWEL3	HBR	42%	74%	67%	96%	96%	95%	95%	95%	90%	84%	93%	64%	89%	89%	88%	89%	82%	90%	81%	91%	88%	88%	83%			
NZE13300116373		13	34	59	15	49	31	25	46	93	2	11	2	13	19	28	21	53	11	84	99	19	34	73	1	2	
GXNQ209	KELLY ANGUS QUINN Q209 ^{SV}	+0.03	+8.2	+10.0	-7.0	+2.1	+65	+118	+143	+119	+29	+0.6	-9.5	+92	+6.1	-1.8	-3.2	+0.4	+2.3	-0.22	+37	+1.30	+1.24	+1.28	\$290	\$488	
USA18463791	HBR	37%	75%	62%	95%	95%	92%	93%	90%	86%	78%	82%	50%	80%	80%	81%	81%	74%	81%	66%	86%	77%	76%	71%			
VLYL1327		73	7	2	16	15	6	4	11	25	2	93	1	5	54	86	90	47	51	11	7	99	95	98	1	1	
NDIP481	KENNY'S CREEK PINNACLE P481	+0.07	+1.9	-1.0	-3.7	+3.1	+48	+87	+116	+65	+20	+0.4	-3.0	+78	+4.1	+1.5	+1.6	-1.5	+6.3	+1.26	+17	+0.96	+0.96	+0.84	\$209	\$318	
USA17354145	HBR	40%	81%	71%	98%	98%	97%	97%	97%	92%	87%	95%	63%	91%	90%	90%	90%	83%	91%	83%	90%	92%	92%	89%			
NDIL236		83	58	86	63	31	67	68	61	94	28	95	86	25	77	20	21	99	1	99	65	74	49	8	49	78	
KILK18	KILLAIN ALASKA K18 ^{PV}	+0.18	-10.6	-5.3	-0.9	+7.1	+66	+122	+163	+170	+15	+3.8	-2.3	+84	+6.2	-3.1	-5.1	+1.0	-1.2	-0.68	+36	+1.10	+0.76	+0.98	\$124	\$282	
USA16417285	HBR	41%	75%	64%	90%	89%	89%	88%	89%	86%	84%	83%	52%	85%	85%	85%	86%	82%	88%	77%	80%	77%	77%	66%			
USA15107929		97	99	97	93	96	5	3	2	1	65	8	93	14	53	96	98	16	99	1	8	91	10	37	98	91	
KILP1	KILLAIN RAINMAN P1 ^{PV}	-0.09	-5.1	-6.4	-7.0	+4.5	+58	+103	+128	+122	+12	+3.1	-2.4	+75	+13.8	-2.5	-1.4	+2.3	-1.8	+0.33	+4	+0.94	+0.96	+1.06	\$174	\$308	
USA18578965	HBR	39%	76%	63%	95%	93%	92%	91%	91%	87%	82%	82%	52%	87%	86%	86%	87%	78%	89%	77%	86%	78%	78%	67%			
KILM9		31	93	98	16	63	23	24	34	22	87	19	92	31	3	93	70	1	99	61	97	70	49	62	82	82	
BLAP130	KNOWLA PACKER P130 ^{PV}	+0.01	+2.2	+1.3	-2.8	+4.8	+56	+102	+134	+112	+12	+1.1	-5.9	+78	+8.4	-0.2	-1.1	+0.9	+1.8	+0.17	+26	+0.80	+1.18	+0.94	\$236	\$395	
SRKK306	HBR	40%	68%	62%	93%	92%	90%	89%	90%	86%	79%	86%	55%	86%	84%	84%	85%	77%	87%	78%	84%	81%	81%	77%			
BLAK113		67	56	71	76	70	30	27	23	34	87	84	25	24	28	54	65	20	64	43	30	41	90	25	20	19	
BLAR190	KNOWLA REVOLUTION R190 ^{PV}	+0.11	+11.0	+6.1	-11.5	+0.5	+39	+79	+103	+66	+24	+2.7	-3.0	+55	+14.6	+4.5	+3.3	+0.0	+4.7	+0.80	+42	+0.74	+1.02	+1.00	\$215	\$340	
BLAN127	HBR	40%	69%	57%	96%	95%	92%	92%	90%	85%	78%	88%	47%	79%	78%	78%	79%	72%	79%	65%	89%	84%	84%	81%			
BLAP172		91	1	22	1	3	93	87	84	93	8	30	86	84	2	1	7	70	8	94	3	29	63	43	42	63	
BLA21S48	KNOWLA SO RIGHT S48 ^{PV}	+0.17	+4.7	-1.9	-5.1	+3.2	+56	+100	+129	+112	+15	+2.8	-5.5	+79	+7.8	+1.1	+1.4	-0.3	+4.0	+0.44	+33	+0.84	+1.06	+1.04	\$232	\$395	
USA18837398	HBR	42%	81%	62%	99%	98%	98%	97%	97%	88%	79%	96%	51%	82%	85%	84%	84%	78%	84%	67%	98%	94%	94%	92%			
BLAL21		97	32	89	40	33	31	31	31	34	69	27	33	22	34	26	23	83	16	72	12	50	72	55	23	20	
NZCP117	KO B074 BEAST MODE P117 ^{PV}	+0.08	+1.8	+6.1	-5.2	+1.7	+59	+101	+125	+114	+10	+2.1	-5.1	+63	+1.9	+1.3	+0.4	-1.1	+4.3	+0.62	+14	+0.62	+0.50	+0.72	\$214	\$377	
USA17960722	HBR	38%	81%	70%	98%	98%	96%	97%	95%	93%	87%	92%	59%	84%	86%	86%	86%	81%	85%	71%	91%	89%	89%	85%			
NZCM67		86	59	22	39	11	18	30	41	32	94	51	41	68	92	23	38	98	12	86	77	12	1	2	42	32	
VLYL483	LAWSONS LINKEDIN L483 ^{SV}	-0.05	+4.1	-7.0	-1.1	+4.1	+58	+109	+153	+140	+25	+4.0	-5.1	+103	+8.9	-1.4	+2.3	+0.2	+2.0	-0.18	+19	+1.06	+0.80	+0.86	\$216	\$391	
HKFJ5	HBR	47%	72%	71%	98%	98%	97%	97%	97%	95%	95%	94%	68%	93%	89%	88%	91%	84%	91%	82%	89%	85%	85%	81%			
VLYH221		45	38	99	92	54	22	12	5	8	7	6	41	1	23	80	13	59	59	13	59	87	15	10	40	22	
VLYQ44	LAWSONS MIRACULOUS Q44 ^{PV}	-0.07	+5.2	-1.3	-7.6	+3.6	+49	+90	+107	+100	+13	+3.0	-4.1	+41	+18.6	-0.3	+0.2	+1.9	+1.9	+0.29	+36	+0.96	+0.94	+1.00	\$229	\$377	
VLYM518	HBR	40%	79%	68%	97%	96%	94%	94%	93%	90%	87%	91%	61%	89%	88%	88%	88%	80%	90%	81%	85%	85%	85%	81%			
VLYK914		38	28	87	11	42	62	60	78	53	82	22	65	98	1	57	42	2	61	57	7	74	44	43	26	32	
VLYM518	LAWSONS MOMENTOUS M518	+0.06	-1.4	-0.4	-5.2	+3.9	+50	+93	+115	+82	+23	+2.7	-3.2	+51	+11.7	-1.2	+0.1	+0.3	+5.8	+0.76	+36	+0.86	+0.98	+1.16	\$231	\$353	
USA17354145	HBR	43%	97%	91%	99%	99%	99%	99%	99%	98%	98%	99%	83%	97%	96%	97%	97%	95%	96%	91%	99%	99%	99%	99%			
VLYH229		81	81	83	39	49	57	53	64	80	13	30	83	90	7	76	44	53	2	92	7	54	54	86	24	53	
VLYP316	LAWSONS PROPHET P316 ^{PV}	+0.00	+4.9	+5.5	-2.0	+3.5	+57	+88	+106	+66	+15	+0.2	-3.8	+67	+12.2	-3.2	-3.3	+1.4	+4.1	+0.35	+30	+0.70	+0.76	+0.82	\$267	\$390	
USA16295688	HBR	41%	80%	72%	93%	96%	95%	94%	92%	92%	88%	91%	63%	88%	86%	86%	87%	79%	88%	79%	93%	91%	91%	87%			
VLYM527		63	31	28	85	40	27	68	80	93	64	97	72	56	6	97	91	6	15	63	19	22	10	6	4	22	
Breed Average EBVs		-0.04	+2.2	+3.0	-4.5	+3.9	+52	+93	+120	+102	+17	+2.2	-4.8	+69	+6.5	+0.0	-0.2	+0.4	+2.5	+0.23	+21	+0.84	+0.96	+1.02	+205	+351	

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Ident	Name																									
Sire Dam	Reg.	Shear Force	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
VLJR4010	LAWSONS ROCKY R4010 ^{PV}	-0.13	+6.3	+8.1	-4.7	+2.3	+53	+96	+123	+88	+24	+2.6	-4.5	+76	+11.0	+1.2	+0.9	+0.1	+4.6	+1.36	+18	+0.96	+1.00	+1.04	\$253	\$406
USA17354145 VLYP4005	HBR	41% 19	84% 19	71% 8	99% 47	99% 18	98% 42	98% 41	98% 45	93% 72	87% 11	98% 33	59% 56	85% 31	87% 10	86% 24	86% 30	80% 65	86% 9	72% 99	98% 61	98% 74	98% 59	97% 55	9	13
VLJR1217	LAWSONS ROMULUS R1217 ^{PV}	+0.08	+3.1	+7.1	-5.6	+3.9	+66	+110	+152	+123	+18	+1.3	-2.2	+87	+10.1	-3.7	-3.9	+1.1	+4.1	+0.49	+12	+1.16	+1.12	+0.96	\$256	\$419
USA18217198 VLYN976	HBR	36% 86	76% 47	66% 14	94% 33	92% 49	90% 5	90% 11	87% 5	84% 20	78% 43	82% 79	54% 94	79% 9	77% 14	77% 98	78% 95	71% 13	79% 15	69% 76	85% 82	71% 95	71% 83	68% 31	7	8
NMMK35	MILLAH MURRAH KINGDOM K35	+0.01	-12.3	-6.2	-2.0	+8.8	+55	+100	+138	+149	+11	+0.9	-5.6	+64	+7.6	+0.1	-0.1	+1.0	-1.0	-0.73	+28	+0.82	+1.28	+1.20	\$140	\$281
NZE469 NMMG41	HBR	46% 67	96% 99	90% 98	99% 85	99% 99	98% 34	98% 31	98% 17	98% 4	98% 90	88% 88	81% 30	96% 63	95% 36	96% 47	96% 47	94% 16	94% 99	90% 1	98% 25	96% 46	96% 97	94% 92	96	91
NMMK42	MILLAH MURRAH KLOONEY K42	-0.04	+3.6	+1.4	-6.0	+5.6	+47	+86	+107	+91	+22	+2.2	-5.5	+66	+6.9	-1.2	-3.2	+1.2	+2.0	-0.01	+17	+0.84	+0.92	+1.04	\$199	\$335
NGMT30 NMMH4	HBR	45% 49	86% 43	84% 70	99% 27	99% 84	99% 70	99% 72	98% 77	98% 68	98% 18	98% 47	84% 33	97% 60	96% 44	96% 76	96% 90	94% 10	96% 59	90% 25	99% 66	97% 50	97% 39	95% 55	60	67
NMML133	MILLAH MURRAH LOCH UP L133	-0.18	+5.1	+4.8	-5.5	+4.8	+59	+99	+131	+102	+25	+2.1	-2.7	+80	+1.7	-2.2	-3.9	-0.7	+1.9	-0.11	+32	+0.70	+1.08	+1.14	\$170	\$313
USA17091363 NMMH49	HBR	40% 10	81% 29	81% 35	99% 34	99% 70	98% 19	98% 33	98% 28	98% 51	98% 7	98% 51	82% 89	97% 21	95% 93	96% 90	96% 95	94% 93	96% 61	90% 17	98% 13	97% 22	97% 76	96% 82	85	80
NMMM308	MILLAH MURRAH MILESTONE	+0.13	+7.0	+5.0	-7.3	+4.4	+42	+79	+89	+76	+16	+2.5	-5.6	+42	+4.5	+2.6	+4.5	-0.4	+2.5	+0.18	+18	+0.84	+0.98	+1.22	\$195	\$332
NZE14647008839 NMMH331	HBR	44% 93	85% 14	75% 33	98% 13	97% 61	96% 88	96% 87	96% 96	94% 86	93% 61	95% 36	69% 30	91% 98	89% 73	89% 8	90% 3	84% 86	90% 46	80% 44	96% 61	84% 50	84% 54	81% 94	65	68
NJWH283	MILWILLAH ELSOM H283 ^{PV}	-0.04	+1.1	-5.2	-2.2	+3.9	+46	+83	+122	+109	+21	+1.7	-1.3	+76	+8.9	-2.3	-2.5	+1.4	+1.4	+0.32	+19	+0.74	+0.82	+1.04	\$148	\$269
NJWF189 NJWE51	HBR	57% 49	83% 65	72% 97	97% 83	97% 49	96% 75	96% 80	95% 48	92% 39	94% 21	94% 66	94% 98	92% 31	91% 23	91% 91	91% 84	86% 6	92% 74	85% 60	88% 57	89% 29	90% 18	85% 55	94	94
NJWE158	MILWILLAH LAD E158 ^{SV}	+0.06	-2.8	-9.5	-7.8	+8.0	+41	+78	+106	+108	+7	+2.0	-5.1	+43	+8.9	-0.9	-5.1	+1.4	+3.3	+0.28	+12	+0.80	+0.84	+0.72	\$157	\$278
NZEE230 VTMX114	HBR	79% 81	84% 87	76% 99	95% 10	97% 99	97% 90	96% 88	96% 79	93% 41	96% 98	93% 55	65% 41	92% 97	91% 23	91% 70	91% 98	86% 6	92% 28	83% 56	90% 83	79% 41	80% 21	72% 2	91	92
BWFQ33	MOOGENILLA QUINELLA Q33 ^{PV}	-0.18	+3.7	+9.7	-6.3	+3.9	+60	+116	+144	+81	+27	+3.0	-3.8	+99	+9.1	-1.2	+0.3	-0.4	+4.9	+0.56	+32	+0.90	+0.94	+0.92	\$278	\$429
USA18181757 BWFN9	HBR	39% 10	82% 42	69% 2	99% 23	99% 49	98% 16	98% 6	98% 10	95% 82	94% 3	98% 22	58% 72	90% 2	89% 21	89% 76	89% 40	82% 86	90% 7	82% 82	98% 15	97% 63	97% 44	96% 21	2	5
EGRM39	MOSQUITO CREEK MAXIMUS	-0.11	+3.7	+3.4	-6.0	+5.1	+59	+105	+140	+135	+16	+2.0	-6.8	+72	+6.6	+0.8	+0.1	+0.3	+2.2	+0.05	+12	+0.80	+0.86	+0.96	\$235	\$419
HIOG18 EGRD9	HBR	42% 25	79% 42	69% 51	92% 27	95% 75	93% 18	94% 19	94% 15	89% 10	84% 62	93% 55	60% 12	87% 40	86% 48	86% 32	87% 44	81% 53	88% 54	77% 31	84% 84	77% 41	78% 25	73% 31	21	8
EGRQ53	MOSQUITO CREEK QUALITY Q53	+0.01	+8.4	+9.9	-6.5	+0.4	+59	+104	+131	+96	+29	+1.4	-5.5	+88	+2.6	-0.4	-0.3	-0.1	+0.0	-0.43	+32	+1.10	+1.22	+1.14	\$217	\$379
USA18463791 EGRG2	HBR	38% 67	75% 7	61% 2	93% 21	93% 3	91% 20	91% 21	92% 29	87% 61	78% 2	87% 76	57% 33	89% 8	89% 89	88% 59	89% 51	80% 75	90% 95	82% 4	85% 15	85% 91	85% 94	80% 82	39	31
CSWP036	MURDEDUKE BLACK PEARL	-0.11	+1.9	+2.8	-8.4	+4.7	+49	+94	+130	+117	+21	+3.2	-7.6	+59	+0.9	+0.4	-1.3	-1.1	+6.4	+0.61	+15	+0.84	+1.18	+1.22	\$215	\$381
USA17236055 CSWL123	HBR	43% 25	80% 58	71% 57	96% 6	96% 68	95% 63	95% 50	94% 29	91% 27	85% 21	90% 17	68% 6	92% 78	90% 96	90% 40	91% 68	82% 98	92% 1	86% 85	95% 75	93% 50	94% 90	90% 94	42	29
CSWK428	MURDEDUKE KICKING K428 ^{PV}	-0.21	+7.6	+10.2	-7.6	+1.9	+48	+93	+115	+88	+24	+3.3	-6.1	+66	+2.5	-0.4	-2.9	+0.3	+0.8	-0.01	+41	+0.86	+1.02	+1.18	\$190	\$344
VTME343 CSWE175	HBR	42% 6	89% 10	77% 1	98% 11	98% 13	97% 70	98% 52	97% 62	96% 72	95% 9	97% 15	70% 21	93% 58	92% 89	90% 59	92% 88	87% 53	93% 86	86% 25	97% 4	97% 54	97% 63	95% 89	70	60
Breed Average EBVs		-0.04	+2.2	+3.0	-4.5	+3.9	+52	+93	+120	+102	+17	+2.2	-4.8	+69	+6.5	+0.0	-0.2	+0.4	+2.5	+0.23	+21	+0.84	+0.96	+1.02	+205	+351

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Ident	Name																											
Sire Dam	Reg.	Shear Force	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		
CSWQ011 VLYM518 CSWN026	MURDEDUKE QUARTERBACK HBR	+0.08 43% 86	+7.2 90% 13	+1.7 81% 68	-9.4 99% 3	+3.0 99% 29	+53 99% 44	+101 99% 29	+134 99% 22	+107 97% 42	+25 96% 6	+4.1 99% 5	-6.7 69% 13	+77 94% 27	+5.1 92% 66	+1.6 92% 18	+2.8 92% 10	-1.1 87% 98	+5.4 92% 4	+0.61 84% 85	+22 99% 47	+0.68 99% 19	+1.04 99% 68	+1.06 98% 62	\$241 16	\$411 11		
NURM208 SMPG357 NURK45	MURRAY GENESIS M208 ^{PV} HBR	-0.10 43% 28	+1.6 80% 61	+5.6 70% 27	-5.9 94% 29	+4.5 94% 63	+49 93% 62	+94 93% 49	+127 93% 36	+106 89% 44	+18 88% 41	+3.7 86% 9	-6.6 65% 14	+82 89% 16	+16.5 88% 1	-0.3 86% 57	-2.3 89% 82	+2.0 83% 1	+1.3 90% 76	+1.43 82% 99	+7 89% 94	+0.88 91% 59	+1.02 91% 63	+0.70 88% 1	\$240 17	\$399 17		
NURM204 USA16956101 NURJ43	MURRAY PROCEED M204 ^{PV} HBR	-0.39 43% 1	-5.6 80% 94	+7.6 71% 10	-4.0 96% 58	+4.5 96% 63	+62 95% 12	+107 95% 16	+145 94% 10	+134 90% 11	+19 86% 34	+2.4 90% 40	-3.4 64% 80	+89 92% 8	+13.4 90% 3	-5.0 88% 99	-5.8 91% 99	+0.6 86% 35	+6.9 92% 1	+0.05 85% 31	+21 93% 49	+0.94 91% 70	+0.76 91% 10	+0.90 88% 16	\$235 20	\$392 21		
SFNL21 NZE10322010609 SFNH65	NAMPARA LIBERTY L21 ^{SV} HBR	+0.02 37% 70	-5.0 88% 93	-4.8 75% 96	-6.5 98% 21	+8.6 98% 99	+67 97% 4	+111 97% 9	+149 97% 7	+165 95% 2	+19 96% 33	+2.9 96% 24	-1.0 64% 99	+79 94% 23	+7.7 92% 35	-2.1 90% 89	-0.8 93% 60	+1.8 88% 2	-2.4 93% 99	-0.65 86% 1	+23 95% 40	+0.90 92% 63	+0.88 92% 29	+0.98 88% 37	\$144 95	\$301 85		
WLGP5 USA18229425 WLG M24	NARANDA PIMP P5 ^{SV} APR	-0.06 37% 41	+11.0 77% 1	+9.9 64% 2	-11.7 97% 1	+1.5 95% 9	+52 94% 46	+99 94% 33	+128 93% 33	+96 89% 61	+20 82% 30	+1.6 87% 70	-3.6 55% 76	+83 89% 14	+6.6 87% 48	+1.7 87% 17	+2.7 88% 10	-0.4 78% 86	+3.5 90% 25	+0.32 82% 60	-3 90% 99	+0.64 87% 14	+0.74 87% 8	+1.08 82% 68	\$229 26	\$388 24		
SKOJ6 VTME343 NZCE115	NEWLYN PARK EMPEROR J6 ^{PV} HBR	-0.02 44% 56	-8.1 78% 97	-5.8 70% 98	-6.8 93% 18	+7.6 92% 98	+65 91% 6	+112 90% 9	+144 91% 10	+162 88% 2	+7 84% 98	+1.3 85% 79	-3.7 65% 74	+80 87% 21	+8.4 86% 28	-1.0 86% 72	-1.1 87% 65	+1.3 81% 8	+0.2 88% 94	-0.76 80% 1	+14 85% 78	+1.06 86% 87	+0.82 85% 18	+0.74 81% 2	\$178 80	\$338 64		
NZE21095018 HIOE7 NZE21095112H49	NGAPUTAH I P206 ^{PV} HBR	-0.21 58% 6	+9.9 81% 2	+4.8 73% 35	-1.5 93% 89	-0.1 97% 2	+41 96% 90	+83 95% 78	+97 95% 91	+66 91% 93	+27 86% 4	+2.7 94% 30	-8.2 68% 3	+54 90% 86	+6.0 89% 55	+0.1 89% 47	-1.9 89% 77	+1.1 82% 13	+4.0 91% 16	+0.18 83% 44	+17 89% 65	+0.94 85% 70	+1.12 86% 83	+1.10 83% 73	\$246 12	\$386 25		
USA16981588 USA16381311 USA16408070	PA FULL POWER 1208 ^{PV} HBR	-0.07 44% 38	-5.1 94% 93	-4.6 86% 96	-4.8 99% 45	+3.8 98% 47	+52 98% 48	+98 98% 38	+119 98% 55	+75 98% 87	+14 98% 76	+2.0 98% 55	-2.4 95% 72	+70 96% 45	+12.7 95% 4	-1.8 94% 86	+0.5 95% 37	+1.1 92% 13	+3.0 95% 35	+0.89 88% 96	+21 98% 48	+1.24 98% 98	+0.94 98% 44	+0.72 91% 2	\$225 30	\$330 70		
SMPG357 VTMB1 SMPD245	PATHFINDER GENESIS G357 ^{PV} HBR	-0.12 44% 22	-0.7 97% 77	+3.8 90% 47	-7.2 99% 14	+6.6 99% 94	+62 99% 12	+109 99% 13	+148 99% 7	+136 98% 10	+26 98% 6	+4.4 98% 4	-7.1 86% 9	+96 97% 3	+13.9 96% 2	+0.1 96% 47	-1.0 96% 63	+1.4 95% 6	+0.3 96% 93	+0.65 91% 87	+28 99% 24	+0.86 98% 54	+1.06 98% 72	+0.78 96% 4	\$242 15	\$421 7		
SMPK22 SMPG357 SMPH756	PATHFINDER COMPLETE K22 ^{SV} HBR	-0.05 42% 45	+10.0 93% 2	+7.8 81% 9	-9.1 99% 4	+0.9 98% 5	+41 98% 90	+74 98% 93	+96 98% 91	+49 97% 99	+26 97% 5	+2.9 98% 24	-7.1 75% 9	+54 95% 86	+7.1 94% 42	+3.7 94% 3	+5.5 94% 1	+0.2 93% 59	+2.3 94% 51	+0.52 88% 79	+27 97% 26	+0.50 96% 3	+0.86 96% 25	+0.66 94% 1	\$241 16	\$368 40		
SMPM651 VTMG67 SMPH66	PATHFINDER MASTERPIECE HBR	+0.03 46% 73	+3.8 80% 41	+4.4 73% 40	-6.1 92% 26	+5.0 95% 74	+56 93% 30	+104 93% 21	+128 93% 33	+138 89% 9	+21 88% 23	+3.5 89% 12	-7.6 64% 6	+52 88% 89	+9.6 87% 18	-1.7 87% 84	-4.2 87% 96	+1.6 81% 4	+1.6 89% 69	-0.21 81% 12	+33 83% 13	+0.98 77% 77	+1.22 77% 94	+1.18 74% 89	\$229 26	\$418 9		
SMPN56 HIOG18 SMP L179	PATHFINDER NUCLEUS N56 ^{SV} HBR	-0.12 43% 22	+4.7 81% 32	+2.8 70% 57	-3.4 96% 68	+5.3 97% 79	+60 96% 18	+106 95% 18	+137 95% 18	+132 91% 13	+16 91% 60	+4.6 94% 3	-6.9 64% 11	+75 92% 33	+12.8 90% 4	+0.9 90% 30	+1.1 91% 27	+0.9 83% 20	+1.7 92% 66	+0.40 86% 68	+8 90% 92	+0.76 86% 33	+0.78 87% 12	+0.84 82% 8	\$253 9	\$442 3		
SMPP516 SMPM558 SMPJ282	PATHFINDER PHAT CAT P516 ^{SV} HBR	+0.02 43% 70	+4.8 79% 31	+3.3 67% 52	-7.5 96% 12	+4.6 96% 65	+52 95% 48	+89 95% 62	+118 95% 57	+82 91% 80	+26 85% 5	+5.4 92% 1	-8.7 59% 2	+49 87% 93	+12.0 85% 6	-3.2 86% 97	-2.9 86% 88	+0.7 79% 29	+5.9 87% 2	+0.10 80% 36	+39 92% 5	+0.72 90% 26	+1.08 90% 76	+0.88 85% 13	\$282 1	\$436 4		
Breed Average EBVs			-0.04	+2.2	+3.0	-4.5	+3.9	+52	+93	+120	+102	+17	+2.2	-4.8	+69	+6.5	+0.0	-0.2	+0.4	+2.5	+0.23	+21	+0.84	+0.96	+1.02	+205	+351	

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Ident	Name		2023																							
Sire Dam	Reg.	Shear Force	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
SMPQ1357 NORL519 SMPM18	PATHFINDER QUEST Q1357 ^{PV} HBR	-0.23 40% 5	-4.6 72% 92	-1.3 67% 87	-6.3 94% 23	+5.7 95% 85	+65 93% 6	+118 92% 4	+165 93% 2	+179 88% 1	+14 81% 74	+1.6 87% 70	-5.1 64% 41	+96 89% 3	+6.0 88% 55	-2.4 88% 92	-4.6 89% 97	+1.0 80% 16	+3.2 90% 30	+0.15 82% 41	+29 88% 22	+0.90 86% 63	+0.68 87% 4	+1.12 83% 78	\$209 48	\$400 17
NZE41-97 NZE53195 NZE63988	PINEBANK WAIGROUP 41/97 [#] HBR	+0.17 83% 97	+3.5 96% 44	-3.9 91% 95	-3.4 98% 68	+3.6 99% 42	+37 98% 96	+64 98% 99	+76 98% 99	+50 98% 98	+18 98% 44	+0.9 98% 88	-4.3 89% 61	+17 97% 99	+5.4 96% 63	+1.1 96% 26	+0.2 96% 42	+1.0 95% 16	+1.1 96% 80	-0.05 90% 22	+33 93% 12	+0.28 88% 1	+0.90 88% 34	+0.96 84% 31	\$163 89	\$251 97
WQCQ47 VLYM518 VLYM1690	QUANDEN SPRINGS HBR	-0.05 41% 45	+10.4 77% 2	+7.9 67% 9	-9.4 92% 3	-0.7 92% 1	+52 91% 47	+98 91% 35	+131 91% 27	+113 87% 83	+29 80% 2	+5.1 86% 1	-4.7 60% 51	+48 86% 93	+9.5 85% 18	+0.2 85% 45	+1.2 86% 26	+0.4 78% 47	+2.4 87% 49	-0.24 79% 10	+28 88% 23	+1.04 84% 85	+1.00 85% 59	+1.10 80% 73	\$218 38	\$391 22
NLRE17 USA13058662 NAQW232	REILAND EVERITT E17 ^{PV} HBR	+0.30 78% 99	-4.4 87% 91	+4.7 78% 36	-1.2 95% 92	+5.0 97% 74	+52 95% 50	+89 95% 64	+121 96% 49	+89 94% 72	+16 94% 59	+4.4 94% 4	-3.2 70% 83	+66 92% 59	+10.5 91% 12	-2.0 91% 88	+0.9 91% 30	+1.0 87% 16	+1.7 92% 66	-0.47 84% 3	+14 88% 78	+1.06 86% 87	+0.92 87% 39	+1.00 83% 43	\$201 59	\$321 75
NORF340 NZE04379 VLYZ1393	RENNYLEA BLACK GOLD F340 ^{PV} HBR	-0.16 76% 13	+6.4 83% 18	+0.6 75% 76	-2.9 96% 75	+1.3 96% 7	+35 95% 98	+66 94% 98	+80 94% 99	+82 92% 80	+2 92% 99	+0.9 91% 88	-2.7 70% 89	+21 91% 99	+2.0 90% 92	-0.5 90% 61	+0.2 90% 42	-0.1 83% 75	+4.4 91% 11	-0.11 85% 17	+15 90% 76	+0.76 88% 33	+0.82 88% 18	+0.74 84% 2	\$143 95	\$262 95
NORE11 NGMY145 VLYY5	RENNYLEA EDMUND E11 ^{PV} HBR	-0.02 82% 56	+8.6 99% 6	+0.3 97% 79	-6.7 99% 19	+1.2 99% 7	+34 99% 98	+64 99% 99	+84 99% 98	+55 99% 97	+16 99% 60	+1.8 99% 63	-9.0 95% 1	+50 98% 91	+4.2 98% 76	+3.5 98% 3	+1.3 98% 25	-0.2 98% 79	+4.2 98% 13	+0.77 96% 93	+23 99% 41	+0.54 99% 5	+1.04 99% 68	+1.10 99% 73	\$210 48	\$331 69
NORH708 NORC511 NORE176	RENNYLEA H708 ^{PV} APR	+0.01 54% 67	-8.0 93% 97	+1.8 85% 67	+1.3 98% 99	+4.6 98% 65	+47 98% 73	+102 98% 26	+128 98% 34	+129 97% 15	+12 97% 87	+2.4 98% 40	-3.3 83% 81	+72 96% 41	+12.4 95% 5	-3.4 95% 98	-6.8 96% 99	+2.0 94% 1	+7.2 96% 1	+0.65 93% 87	+22 98% 47	+0.70 98% 22	+0.68 98% 4	+0.92 97% 21	\$216 40	\$360 46
NORK163 NORH106 NORE176	RENNYLEA K163 ^{PV} APR	-0.17 49% 11	+4.7 76% 32	-7.8 73% 99	-3.8 98% 61	+2.6 98% 22	+40 98% 93	+74 98% 93	+95 97% 92	+69 96% 92	+10 96% 90	+0.8 96% 27	-5.8 78% 67	+63 95% 78	+19.2 94% 1	-0.5 94% 61	-1.3 94% 68	+2.7 92% 1	+2.6 95% 44	+0.15 88% 41	+19 91% 60	+0.64 90% 14	+0.74 90% 8	+1.02 87% 49	\$244 14	\$359 47
NORK522 NORE11 NORF810	RENNYLEA KODAK K522 ^{SV} HBR	+0.10 55% 89	+8.5 94% 6	+8.4 85% 6	-4.8 99% 45	+1.4 99% 8	+44 98% 82	+82 98% 81	+107 98% 78	+108 97% 41	+12 98% 87	+4.6 98% 3	-8.0 76% 4	+47 96% 94	+3.9 94% 79	+3.4 94% 4	+1.1 95% 27	-0.3 92% 83	+4.0 94% 16	+0.31 89% 59	+7 96% 93	+0.58 97% 8	+0.80 97% 15	+0.92 95% 21	\$207 51	\$382 28
NORL508 USA17366506 NORH414	RENNYLEA L508 ^{PV} HBR	-0.14 42% 17	+1.6 84% 61	+7.9 79% 9	-5.9 99% 29	+2.6 99% 22	+46 98% 77	+85 98% 74	+118 98% 56	+90 98% 69	+27 98% 3	+1.3 98% 79	-7.5 83% 6	+55 96% 85	+5.6 95% 60	+0.8 96% 32	-0.2 96% 49	-0.2 94% 79	+5.4 95% 4	+0.65 90% 87	+14 99% 76	+0.64 98% 14	+0.80 98% 15	+0.88 97% 13	\$239 17	\$387 25
NORL683 NORE11 NORJ631	RENNYLEA L683 ^{PV} APR	-0.17 58% 11	+2.7 84% 51	+1.5 75% 70	-4.3 98% 53	+4.9 97% 72	+54 96% 37	+95 96% 47	+117 96% 59	+101 94% 52	+5 93% 99	+2.4 95% 40	-6.4 71% 17	+78 91% 25	+4.6 90% 72	+0.6 89% 36	-1.3 91% 68	+0.8 86% 24	+2.3 91% 51	+0.57 85% 83	+23 95% 42	+0.70 92% 22	+0.86 92% 25	+1.00 89% 43	\$229 26	\$381 29
NORP987 NORM763 NORM1184	RENNYLEA P987 ^{PV} APR	+0.14 41% 94	+10.3 75% 2	+8.8 66% 5	-8.2 97% 7	+1.5 97% 9	+51 96% 54	+98 96% 36	+124 96% 42	+125 94% 18	+7 89% 99	+0.4 95% 95	-3.0 63% 86	+72 93% 41	+5.6 89% 60	+3.9 89% 2	+2.4 89% 13	-1.3 82% 99	+8.3 91% 1	+0.96 81% 97	+11 96% 87	+0.90 93% 63	+1.02 93% 63	+1.04 90% 55	\$226 29	\$403 15
NORQ1081 NORH708 NORL841	RENNYLEA Q1081 ^{PV} APR	-0.01 44% 60	-3.4 77% 89	+4.0 67% 44	-3.8 93% 61	+3.9 93% 49	+51 92% 55	+92 91% 55	+119 92% 55	+108 88% 41	+12 82% 88	+3.5 89% 12	-5.6 63% 30	+49 88% 93	+8.8 87% 24	+0.5 87% 38	-0.9 88% 61	+0.3 80% 53	+6.9 89% 1	+0.75 81% 92	+14 90% 79	+0.86 88% 54	+0.88 88% 29	+0.88 84% 13	\$238 18	\$386 25
Breed Average EBVs		-0.04	+2.2	+3.0	-4.5	+3.9	+52	+93	+120	+102	+17	+2.2	-4.8	+69	+6.5	+0.0	-0.2	+0.4	+2.5	+0.23	+21	+0.84	+0.96	+1.02	+205	+351

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Ident	Name																										
Sire Dam	Reg.	Shear Force	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	
NORQ213	RENNYLEA Q213 ^{PV}	-0.04	+9.1	+7.6	-7.4	+0.8	+63	+117	+148	+92	+24	+0.5	-10.0	+100	+8.6	+0.8	+0.1	+0.1	+3.3	+0.74	+28	+0.50	+0.70	+0.86	\$331	\$514	
NORK907	APR	40%	84%	70%	98%	98%	97%	97%	97%	94%	90%	96%	62%	91%	89%	89%	90%	83%	90%	81%	97%	95%	95%	92%			
NORL110		49	4	10	12	5	10	5	7	67	9	94	1	2	26	32	44	65	28	91	25	3	5	10	1	1	
NORR992	RENNYLEA R992 ^{PV}	-0.08	+4.8	+8.0	+1.9	+1.2	+44	+84	+115	+85	+26	+1.7	-6.4	+68	+11.5	+1.7	+2.2	-0.2	+6.5	+1.13	+24	+0.58	+0.82	+0.84	\$258	\$410	
NORN542	APR	41%	69%	61%	95%	95%	94%	94%	93%	91%	84%	91%	53%	82%	81%	81%	81%	75%	82%	68%	92%	84%	84%	78%			
NORM1034		34	31	8	99	7	83	77	63	76	6	66	17	54	8	17	14	79	1	99	37	8	18	8	7	12	
TRHP52	RICHMOND HILL PLAY P52 ^{SV}	-0.34	+5.4	+4.0	+0.1	+4.0	+53	+93	+117	+122	+9	+4.3	-6.0	+74	+11.4	-4.9	-2.7	+1.5	+3.1	-0.30	+33	+1.04	+1.02	+0.98	\$230	\$405	
TRHL9	HBR	39%	73%	61%	93%	94%	93%	92%	92%	86%	80%	80%	54%	90%	89%	88%	89%	78%	91%	84%	88%	88%	84%				
TRHH92		1	26	44	97	52	43	50	59	22	95	4	23	34	8	99	86	5	32	8	13	85	63	37	25	14	
NZE14572019	RISSINGTON SOVEREIGN Q485	-0.01	+11.2	+9.5	-7.5	+0.6	+62	+114	+155	+122	+20	+2.4	-4.8	+91	+9.0	-1.1	-3.4	-0.1	+6.7	+0.77	-4	+0.86	+0.90	+1.14	\$277	\$464	
HKFM103	HBR	41%	82%	61%	99%	98%	98%	97%	96%	88%	78%	94%	50%	81%	85%	83%	83%	77%	83%	75%	98%	94%	94%	92%			
NZE14572117009		60	1	3	12	4	11	7	4	22	27	40	49	6	22	74	92	75	1	93	99	54	34	82	2	1	
NZE21159019	SEVEN HILLS 312/19 ^{PV}	+0.05	+2.6	+5.7	-7.7	+3.4	+51	+93	+123	+92	+22	-0.9	-2.7	+76	+9.9	-3.4	-3.8	+0.9	+3.9	+1.19	+9	+1.00	+0.94	+1.04	\$221	\$353	
USA18217198	HBR	39%	73%	65%	93%	92%	91%	90%	91%	87%	80%	82%	57%	87%	87%	87%	88%	79%	89%	81%	88%	86%	87%	81%			
NZE21159117053		79	52	26	10	38	51	51	44	66	17	99	89	29	16	98	94	20	18	99	91	80	44	55	35	52	
APBK11	SHACORRAHDALU KINETIC K11	+0.04	+9.9	+10.3	-9.1	+0.3	+49	+88	+105	+95	+10	+4.7	-6.8	+65	+10.5	+3.8	+2.7	+0.5	+2.3	+0.92	+2	+0.98	+1.22	+1.06	\$238	\$408	
VTMB1	HBR	49%	78%	71%	93%	92%	91%	91%	91%	89%	85%	86%	65%	86%	84%	84%	85%	78%	86%	78%	86%	84%	83%	80%			
APBF2		76	2	1	4	3	63	67	81	61	93	2	12	62	12	3	10	41	51	97	98	77	94	62	18	12	
APB21S24	SHACORRAHDALU PHOENIX	+0.10	+9.0	+6.3	-8.0	-0.7	+56	+103	+134	+83	+25	+3.1	-8.6	+93	+5.3	+2.8	+4.8	-0.3	+1.9	+0.98	+14	+0.96	+1.12	+1.08	\$280	\$447	
USA18636106	HBR	46%	75%	66%	93%	91%	90%	90%	88%	85%	80%	84%	54%	80%	78%	79%	79%	72%	80%	70%	86%	77%	77%	72%			
APBJ23		89	5	20	8	1	29	24	23	79	7	19	2	5	64	7	2	83	61	98	78	74	83	68	2	2	
APBR5	SHACORRAHDALU ROYALE R5	-0.12	+7.7	+8.5	-6.6	+2.3	+48	+91	+113	+65	+24	+2.2	-6.6	+67	+6.0	+4.1	+5.3	-0.2	+1.6	+0.99	+11	+0.86	+1.02	+0.74	\$247	\$390	
TFAK132	HBR	42%	77%	66%	93%	94%	92%	91%	91%	88%	80%	87%	60%	88%	86%	86%	87%	78%	89%	80%	88%	89%	88%	83%			
HBUP80		22	10	6	20	18	70	58	67	94	10	47	14	56	55	2	2	79	69	98	87	54	63	2	12	22	
SYAN340	STONEY POINT NOLTE N340 ^{SV}	+0.21	-1.6	-8.4	-6.3	+6.0	+72	+128	+165	+155	+15	+3.5	-3.1	+106	+5.8	-3.1	-5.2	+0.7	+3.0	-0.15	+6	+0.96	+0.90	+1.16	\$220	\$392	
SYAL178	HBR	39%	79%	68%	96%	96%	96%	96%	96%	94%	90%	93%	59%	89%	87%	87%	88%	79%	89%	77%	88%	89%	90%	84%			
SGMK250		99	82	99	23	88	2	1	1	3	64	12	84	1	58	96	98	29	35	15	95	74	86	36	21		
SYAP147	STONEY POINT PERRY P147 ^{PV}	+0.12	+4.5	+0.9	-4.7	+4.7	+56	+103	+133	+109	+21	+1.6	-7.4	+97	+9.9	-1.3	-0.3	+0.4	+3.8	-0.26	+6	+0.84	+0.76	+0.64	\$266	\$434	
USA17936442	HBR	44%	75%	62%	93%	93%	92%	91%	92%	87%	81%	87%	57%	89%	87%	87%	88%	78%	90%	80%	88%	86%	87%	79%			
SWAH233		92	34	74	47	68	29	24	25	39	23	70	7	3	16	78	51	47	19	9	95	50	10	1	4	4	
NZE19507018	STORTH OAKS FULLY LOADED	-0.12	+8.2	+6.1	-11.5	+1.2	+44	+87	+133	+134	+22	+3.2	-7.5	+65	+3.4	+0.9	+0.3	-0.6	+4.0	+0.87	+32	+0.54	+0.74	+1.06	\$187	\$374	
NORL508	HBR	45%	76%	66%	97%	97%	96%	96%	96%	91%	86%	94%	61%	90%	89%	88%	89%	81%	90%	83%	94%	89%	89%	85%			
NZE19507113J320		22	7	22	1	7	83	68	25	11	19	17	6	62	83	30	40	91	16	96	14	5	8	62	72	35	
NZE19507013	STORTH OAKS JACK J7 ^{SV}	-0.22	+6.2	+8.1	-4.8	+4.4	+61	+113	+151	+143	+17	+3.5	-1.8	+79	+8.1	-0.3	-3.2	-0.3	+2.5	+0.10	+20	+1.02	+0.98	+0.92	\$184	\$368	
VTME343	HBR	42%	89%	80%	98%	98%	97%	97%	97%	95%	95%	96%	71%	94%	93%	93%	93%	90%	94%	87%	96%	93%	93%	90%			
NZE19507111G183		5	19	8	45	61	14	7	6	6	49	12	96	23	31	57	90	83	46	36	52	83	54	21	75	40	
VSNG34	STRATHEWEN BERKLEY G34 ^{PV}	+0.23	+7.8	+8.1	-6.6	+3.6	+57	+107	+142	+148	+18	+2.2	-7.4	+84	+6.4	+1.0	+0.3	+0.2	+2.1	-0.09	+29	+1.06	+1.24	+1.10	\$230	\$436	
VTMB1	HBR	48%	81%	74%	96%	94%	93%	93%	93%	91%	90%	88%	69%	91%	90%	89%	90%	86%	91%	85%	89%	88%	88%	85%			
VSNE22		99	9	8	20	42	25	15	12	5	45	47	7	14	50	28	40	59	56	19	20	87	95	73	25	4	
Breed Average EBVs		-0.04	+2.2	+3.0	-4.5	+3.9	+52	+93	+120	+102	+17	+2.2	-4.8	+69	+6.5	+0.0	-0.2	+0.4	+2.5	+0.23	+21	+0.84	+0.96	+1.02	+205	+351	

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Ident	Name																										
Sire Dam	Reg.	Shear Force	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	
USA17236055	SYDGEN BLACK PEARL 2006 ^{PV}	-0.08	+2.2	+7.3	-7.0	+3.2	+51	+85	+123	+87	+21	+1.5	-3.4	+74	+8.3	+0.4	-0.5	+0.4	+2.9	+0.28	+16	+1.04	+1.18	+1.14	\$210	\$340	
USA15354674	HBR	37%	98%	93%	99%	99%	99%	99%	99%	98%	99%	99%	89%	98%	97%	97%	96%	97%	92%	99%	99%	99%	98%				
USA16214508		34	56	12	16	33	51	74	45	73	23	73	80	35	29	40	54	47	37	56	72	85	90	82	48	63	
VTMK52	TE MANIA KALIBROOK K52 ^{PV}	-0.01	+7.5	+5.5	-3.2	+1.4	+52	+103	+129	+102	+29	+1.7	-5.9	+74	+4.1	+1.0	+1.7	-0.7	+5.5	+1.43	+7	+1.22	+1.12	+1.18	\$247	\$414	
USA16295688	HBR	39%	78%	70%	94%	95%	92%	92%	91%	88%	84%	88%	66%	88%	86%	85%	87%	83%	89%	80%	87%	90%	90%	87%			
VTMH423		60	11	28	71	8	51	25	32	50	2	66	25	35	77	28	20	93	3	99	93	98	83	89	11	10	
VTMK138	TE MANIA KIRBY K138 ^{PV}	+0.00	+0.6	+7.9	-1.3	+4.7	+52	+89	+117	+95	+19	+2.5	-7.8	+65	+5.5	+1.8	+3.1	-2.0	+8.5	+0.91	+15	+0.78	+0.76	+0.94	\$253	\$410	
USA16295688	HBR	37%	88%	81%	99%	99%	98%	98%	98%	98%	98%	98%	84%	97%	97%	96%	97%	95%	96%	90%	99%	99%	99%	99%			
VTMH17		63	68	9	91	68	49	65	59	62	35	36	5	61	62	16	8	99	1	96	74	37	10	25	8	12	
VTMN424	TE MANIA NEBO N424 ^{PV}	-0.26	+9.0	-1.0	-6.6	+4.1	+54	+101	+134	+102	+28	+4.4	-5.0	+54	+6.8	-0.7	-4.0	+0.3	+4.0	-0.03	+47	+0.92	+0.86	+0.94	\$218	\$368	
VTMJ89	HBR	40%	91%	84%	99%	98%	98%	98%	98%	97%	97%	97%	74%	97%	96%	96%	96%	91%	95%	86%	98%	98%	98%	98%			
VTMJ214		3	5	86	20	54	39	27	23	51	3	4	44	87	45	66	95	53	16	24	1	67	25	25	38	39	
VTMN1387	TE MANIA NEON N1387 ^{SV}	-0.22	+1.4	+2.4	-6.5	+3.5	+46	+83	+105	+92	+19	+1.2	-6.1	+39	+3.3	-0.1	-0.6	-2.2	+10.	-0.32	+25	+0.72	+0.80	+0.92	\$212	\$352	
VTMK138	HBR	39%	82%	74%	98%	98%	98%	98%	97%	96%	93%	96%	67%	95%	94%	93%	95%	86%	94%	87%	98%	97%	97%	96%			
VTML452		5	62	61	21	40	75	78	81	67	35	82	21	98	84	52	56	99	1	7	34	26	15	21	45	53	
VTMP888	TE MANIA PESO P888 ^{PV}	-0.20	+7.3	+6.1	-5.2	+2.2	+57	+114	+146	+118	+25	+2.4	-7.3	+91	+6.8	-0.4	+1.3	+0.5	+1.6	-0.15	+23	+0.84	+1.08	+1.00	\$262	\$450	
VTMK226	HBR	41%	81%	75%	98%	98%	97%	97%	97%	96%	94%	94%	71%	95%	94%	94%	95%	87%	93%	85%	96%	95%	96%	94%			
VTMH423		7	12	22	39	16	26	7	9	26	7	40	8	6	45	59	25	41	69	15	43	50	76	43	5	2	
VTMQ854	TE MANIA QUEBEC Q854 ^{SV}	-0.05	+8.6	+1.6	-2.4	+1.5	+55	+96	+124	+86	+27	+1.2	-4.4	+72	+3.5	+1.9	-0.4	-0.3	+3.1	+0.46	+33	+0.62	+0.76	+0.74	\$218	\$356	
USA18229488	HBR	37%	86%	75%	98%	98%	97%	97%	97%	95%	91%	96%	62%	95%	94%	93%	94%	84%	94%	86%	97%	98%	98%	97%			
VTML1244		45	6	69	81	9	35	43	43	76	3	82	58	41	83	14	53	83	32	74	13	12	10	2	38	50	
VTMR970	TE MANIA RESOLUTION R970 ^{PV}	-0.08	+2.7	+5.0	-5.1	+3.5	+57	+108	+137	+104	+25	+2.0	-6.1	+79	+8.6	+0.1	-0.4	+0.6	+2.6	-0.18	+25	+0.78	+0.90	+1.18	\$258	\$421	
VTMP149	HBR	39%	75%	61%	96%	96%	94%	92%	90%	86%	78%	83%	48%	79%	78%	78%	79%	72%	79%	66%	92%	83%	83%	79%			
VTMP287		34	51	33	40	40	26	14	18	47	8	55	21	22	26	47	53	35	44	13	32	37	34	89	6	8	
DXTR725	TEXAS ICEMAN R725 ^{PV}	-0.20	-0.8	+3.0	-3.7	+3.8	+53	+99	+125	+103	+13	+2.1	-2.7	+75	+12.0	+2.7	+4.5	+0.3	+1.6	+0.06	+40	+1.28	+0.92	+0.60	\$211	\$353	
USA18962396	HBR	37%	83%	66%	98%	98%	97%	97%	97%	89%	84%	96%	54%	84%	85%	84%	84%	79%	84%	68%	96%	89%	89%	86%			
DXTH647		7	77	55	63	47	45	34	39	48	83	51	89	32	6	7	3	53	69	32	4	99	39	1	46	52	
DXTM100	TEXAS MT KAPUTAR M100 ^{PV}	-0.31	+5.2	+7.2	-9.9	+4.7	+61	+106	+145	+139	+14	+3.7	-3.2	+82	+5.0	-2.5	-3.8	+0.2	+2.1	+0.28	+34	+0.96	+1.16	+0.98	\$188	\$368	
USA15848590	HBR	37%	82%	71%	97%	96%	95%	95%	94%	90%	91%	92%	64%	90%	88%	88%	89%	83%	89%	81%	93%	85%	85%	81%			
DXTZ183		1	28	13	2	68	14	18	10	8	74	9	83	16	68	93	94	59	56	56	11	74	88	37	71	40	
DBLL292	TOPBOS LEADING EDGE L292 ^{PV}	+0.08	+2.6	+8.3	-5.9	+6.6	+73	+125	+164	+150	+23	+1.4	-3.9	+83	+4.0	-2.2	-5.2	+0.0	+1.6	+0.02	+19	+0.94	+0.82	+0.82	\$220	\$408	
USA16295688	HBR	40%	88%	75%	98%	98%	97%	97%	97%	95%	96%	97%	70%	94%	92%	91%	93%	88%	93%	86%	97%	92%	92%	88%			
VSNF04		86	52	7	29	94	1	2	2	4	12	76	70	16	78	90	98	70	69	28	60	70	18	6	35	12	
USA18066037	V A R LEGEND 5019 ^{SV}	+0.00	-5.9	+4.9	-6.2	+5.0	+69	+121	+148	+159	+7	+2.7	-3.9	+87	+9.4	-3.9	-6.0	+1.4	+1.9	-0.25	+18	+1.06	+0.62	+0.84	\$210	\$388	
USA17262835	HBR	37%	81%	69%	96%	96%	94%	94%	94%	91%	89%	90%	62%	90%	89%	88%	87%	81%	90%	80%	89%	97%	96%	82%			
USA16924432		63	94	34	25	74	3	3	7	2	98	30	70	9	19	99	99	6	61	10	63	87	2	8	47	24	
NZE18954020	WAITANGI R257 ^{PV}	-0.14	+0.6	+0.9	-6.5	+3.8	+53	+92	+124	+99	+26	+3.2	-8.2	+68	+9.1	-0.1	-0.6	+0.0	+5.4	+1.42	+20	+0.80	+0.68	+0.88	\$257	\$410	
NZE21159016327	HBR	39%	69%	60%	96%	96%	94%	94%	93%	89%	81%	90%	50%	81%	81%	81%	81%	75%	81%	66%	89%	83%	84%	78%			
NZE18954118P105		17	68	74	21	47	44	55	43	55	4	17	3	52	21	52	56	70	4	99	53	41	4	13	7	12	
Breed Average EBVs		-0.04	+2.2	+3.0	-4.5	+3.9	+52	+93	+120	+102	+17	+2.2	-4.8	+69	+6.5	+0.0	-0.2	+0.4	+2.5	+0.23	+21	+0.84	+0.96	+1.02	+205	+351	

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Ident	Name																									
Sire Dam	Reg.	Shear Force	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
LEJ21S102	WALLAWONG SAFE & SOUND	+0.10	+6.6	+3.3	-6.3	+4.8	+49	+85	+112	+99	+19	+2.1	-2.3	+64	+6.8	-1.2	-1.2	+0.5	+4.2	+0.34	+13	+0.50	+0.70	+1.10	\$194	\$332
NJWN498	HBR	37%	73%	61%	92%	91%	89%	88%	86%	83%	77%	81%	47%	77%	75%	76%	76%	69%	77%	64%	84%	70%	70%	67%		
ASHL24		89	16	52	23	70	64	75	68	56	38	51	93	64	45	76	66	41	13	62	80	3	5	73	66	69
QKBP29	WARRAWEE PATROL P29 ^{PV}	+0.03	+7.0	+10.6	-11.8	+3.0	+55	+104	+139	+129	+17	+2.4	-10.3	+100	+9.4	+3.6	+2.1	+0.2	+2.0	+0.63	+31	+0.80	+1.18	+1.00	\$271	\$479
SMPG357	HBR	46%	80%	71%	96%	94%	93%	92%	91%	88%	82%	88%	65%	86%	85%	85%	86%	79%	87%	78%	88%	78%	78%	74%		
QKBM01		73	14	1	1	29	35	21	16	15	48	40	1	2	19	3	15	59	59	86	16	41	90	43	3	1
NWPE111	WATTLETOP SITZ 458N E111 ^{SV}	+0.22	+4.5	+6.7	-3.7	+2.8	+51	+91	+125	+96	+25	+2.0	-1.4	+83	+5.5	-4.1	-3.5	+0.9	+2.7	-0.53	+26	+0.98	+0.94	+1.12	\$187	\$321
USA14474596	HBR	79%	90%	80%	97%	98%	97%	97%	97%	95%	96%	95%	74%	94%	92%	92%	93%	89%	93%	85%	95%	87%	88%	83%		
NWPC36		99	34	17	63	26	53	57	40	61	7	55	98	14	62	99	92	20	42	3	30	77	44	78	72	76
CWDM5	WEATHERLY MOXY M5 ^{SV}	-0.34	+3.1	+6.9	-4.3	+4.0	+56	+101	+135	+113	+27	+2.6	-6.7	+92	+7.2	+2.9	-0.2	+0.3	+2.6	+0.29	+21	+0.94	+1.06	+0.98	\$240	\$409
SMPG357	HBR	43%	72%	66%	93%	96%	95%	95%	95%	93%	91%	89%	64%	86%	85%	85%	85%	80%	85%	73%	92%	92%	92%	84%		
CWDJ15		1	47	15	53	52	30	29	21	33	3	33	13	5	41	6	49	53	44	57	48	70	72	37	17	12
Breed Average EBVs		-0.04	+2.2	+3.0	-4.5	+3.9	+52	+93	+120	+102	+17	+2.2	-4.8	+69	+6.5	+0.0	-0.2	+0.4	+2.5	+0.23	+21	+0.84	+0.96	+1.02	+205	+351

For further information, please contact staff at Angus Australia:
P: 02 6773 4600 | E office@angusaustralia.com.au

www.angusaustralia.com.au

