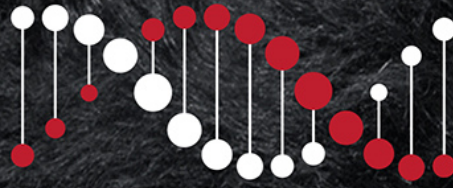


TACE



TransTasman Angus Cattle Evaluation

BREEDING BETTER BREEDERS

RESEARCH BREEDING VALUES

MATURE COW BODY CONDITION

MATURE COW HEIGHT

DECEMBER 2020

BACKGROUND

Angus Australia has partnered with the School of Environmental and Rural Science at the University of New England (UNE) to undertake research into the genetics of traits related to the productivity and profitability of the female breeding herd.

The research project, titled “Breeding Better Breeders” is part of Angus Australia’s commitment to providing Angus breeders with tools that enable them to maximise the rate of genetic improvement within their breeding program.

Initial research has focussed on better describing the genetics of Angus animals for traits associated with the maintenance requirements of the female breeding herd, with the development of Research Breeding Values (RBVs) for mature height and body condition.

Research has demonstrated that approximately 60 to 75% of the total feed used in a cow-calf operation is related to maintaining the cow herd. Further, research has shown that there are differences in the maintenance requirements of individual animals, and that some of those differences can be attributed to genetics, making it possible to select bulls that will breed daughters with lower maintenance requirements when they enter the female breeding herd.

The development of Research Breeding Values for mature height and body condition complements the existing Mature Cow Weight and Milk EBV that are published routinely for Angus animals in the TransTasman Angus Cattle Evaluation, providing a more complete genetic description of Angus animals for the traits that are associated with differences in cow maintenance requirements.

Subsequent research priorities will focus on other areas related to the profitability of the female breeding herd, including better understanding the genetics of traits associated with female longevity, structural soundness and fertility.

UNDERSTANDING THE RESEARCH BREEDING VALUES

Mature Cow Body Condition

Mature Cow Body Condition (MBC) RBVs provide estimates of genetic differences between animals in the body condition of mature females, and are expressed in score units.

Higher Mature Body Condition RBVs indicate an animal is expected to produce daughters with more body condition as mature females. For example, a sire with a MBC RBV of +0.70 would be expected to produce daughters that have, on average, 0.25 of a score more body condition than a sire with a MBC RBV of +0.20, all other things being equal.

Mature Cow Height

Mature Cow Height (MCH) RBVs provide estimates of genetic differences between animals in the height of mature females, as assessed at the hip, and are expressed in cm units.

Higher Mature Cow Height RBVs indicate an animal is expected to produce daughters that are taller as mature females. For example, a sire with a MCH RBV of +15.0 would be expected to produce daughters that are, on average, 5 cm taller than a sire with a MCH RBV of +5.0, all other things being equal.

READING THIS REPORT

Research Breeding Values are provided in this publication for sires with (i) greater than 50% accuracy for both their Mature Body Condition and Mature Cow Height RBV, (ii) at least one daughter with a performance record for mature cow height, (iii) at least one daughter with a performance record for mature body condition, and (iv) progeny born within the last 2 years.

For each trait, the RBV is displayed on the top row, followed by the accuracy of the RBV on the second row, followed by the percentile band in which the RBV ranks on the bottom row. The number of progeny for which mature cow body condition score and hip height measurements have been analysed is also displayed for each sire in the statistics section.

Note: The breed average and percentile bands represent the distribution of RBVs across the animals for which a performance measurement has been recorded for that respective trait.

USING THE RESEARCH BREEDING VALUES IN SELECTION

The Research Breeding Values in this publication enable Angus breeders to select animals with desirable genetics for mature cow body condition and mature cow height, 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 University of New England (UNE), and in particular, Dr Sam Clark and Dr Tom Granleese, in the calculation of the Research Breeding Values that are included in this publication.

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 - Research Breeding Values

Date: November 27, 2020

Page: 1

Ident	Name	Statistics		Breeding Values																														
		Sire Dam	Reg.	Prog MBC	Prog MCH	Calv-Ease		Birth		Growth				Maternal			Fert		Carcase					Feed		Tmp		Structural			Selection Index			
						Dir	Dtrs	GL	BW	200	400	600	MCW	MBC	MCH	Milk	SS	DC	CW	EMA	Rib	P8	RBY	IMF	NFI-F	Doc	FA	FC	RA	ABI	DOM	GRN	GRS	
USA15719841	A A R TEN X 7008 S A ^{SV}					+7.0	+6.4	-4.9	+2.6	+58	+103	+135	+105	+0.29	+7.3	+21	+2.3	-3.3	+80	+6.7	-1.9	-4.8	+1.8	+2.3	+0.48	-8	-9	-45	+1	\$141	\$131	\$158	\$135	
USA13880818 USA15151449	HBR	11	12	89%	77%	99%	98%	98%	98%	98%	98%	97%	63%	82%	97%	97%	83%	95%	94%	95%	94%	93%	94%	87%	97%	90%	89%	84%						
				17	19	40	14	7	6	8	35		48	55	15	29	75	6	30	93	99	7	32	86	88	83	99	45	11	3	12	7		
WJMF96	ARDCAIRNIE F96 ^{SV}					+7.7	+5.9	-4.6	+2.8	+51	+90	+122	+102	+0.42	+6.1	+17	+2.0	-4.6	+68	+7.6	-1.5	-0.9	+2.1	+1.2	-0.09	-7	+6	-3	+5	\$136	\$126	\$140	\$134	
WJMB59 WJMD25	HBR	22	22	75%	60%	98%	98%	96%	97%	97%	94%		65%	87%	93%	95%	61%	90%	88%	90%	88%	85%	87%	78%	86%	71%	77%	70%						
				14	22	45	17	30	34	26	41		6	79	48	43	51	33	18	88	63	4	77	19	87	37	64	22	16	8	28	8		
WJMJ27	ARDCAIRNIE J27 ^{SV}					+10.2	+11.5	-8.7	+2.8	+58	+102	+142	+136	+0.40	+9.4	+12	+0.7	-5.6	+97	+3.3	+2.1	+0.3	-1.1	+1.8	+0.37	-14	-21	-27	-3	\$139	\$119	\$147	\$135	
USA15354674 WJMG96	HBR	12	12	65%	52%	96%	96%	93%	94%	95%	90%		60%	80%	84%	87%	64%	91%	89%	91%	89%	89%	88%	85%	83%	79%	79%	72%						
				4	1	4	17	6	7	4	4		9	14	88	93	32	1	86	4	29	96	51	77	96	95	97	69	13	22	21	7		
WJMK122	ARDCAIRNIE K122 ^{SV}					-1.5	-0.7	-2.2	+4.7	+57	+104	+137	+95	+0.29	+8.6	+19	+2.4	-3.3	+81	+4.3	-0.9	-0.1	+0.6	+1.0	+0.35	-	-	-	-	\$122	\$116	\$119	\$125	
BSCF73 WJMC121	HBR	7	7	68%	53%	86%	93%	88%	89%	89%	84%		51%	73%	74%	79%	49%	76%	71%	76%	73%	71%	71%	60%	-	-	-	-						
				74	77	83	60	9	5	6	55		48	25	31	26	75	5	73	74	40	45	83	75	-	-	-	-	41	31	57	22		
NAQA2	ARDROSSAN ADMIRAL A2 ^{PV}					-9.4	-27.2	-5.5	+8.0	+56	+96	+131	+123	+0.25	+7.5	+17	+0.8	-5.0	+85	+7.6	-2.5	-6.0	+1.9	+2.2	+0.13	+40	+26	+26	+11	\$102	\$92	\$120	\$94	
NAQW109 NDIW171	HBR	63	10	97%	93%	99%	99%	99%	99%	99%	99%		83%	82%	99%	99%	94%	98%	98%	98%	98%	97%	97%	95%	97%	75%	84%	65%						
				97	99	30	99	11	17	11	11		68	50	44	91	43	3	18	98	99	6	36	46	1	1	1	5	78	92	55	90		
NAQC18	ARDROSSAN CASINO C18 ^{PV}					-8.0	-3.4	-1.6	+6.4	+53	+89	+123	+125	+0.25	+8.0	+9	+1.5	-0.9	+75	+5.0	-2.7	-2.6	+0.8	+2.0	-0.38	+23	-	+11	-	\$95	\$92	\$102	\$94	
NAQW37 NAQW211	HBR	4	3	83%	68%	98%	98%	97%	97%	97%	95%		53%	65%	97%	96%	71%	91%	90%	92%	91%	88%	89%	78%	95%	-	39%	-						
				95	90	89	91	21	37	24	9		68	37	97	67	96	12	60	99	94	35	43	4	7	-	26	-	86	92	77	90		
NAQA241	ARDROSSAN EQUATOR A241 ^{PV}					-0.4	+3.0	-4.9	+4.1	+51	+92	+123	+109	+0.21	+8.8	+21	+3.2	-7.8	+89	+5.6	-2.0	-2.2	+1.7	+1.8	+0.25	+12	+5	+24	+16	\$136	\$121	\$151	\$127	
USA2928 NAQW38	HBR	139	27	98%	94%	99%	99%	99%	99%	99%	99%		92%	94%	99%	99%	95%	98%	98%	98%	98%	98%	96%	99%	97%	97%	94%							
				68	48	40	45	31	26	24	28		83	22	12	7	6	1	49	94	98	8	51	62	29	44	2	1	16	17	17	18		
NAQH255	ARDROSSAN HONOUR H255 ^{PV}					-1.6	-5.2	-3.2	+4.4	+44	+76	+102	+89	+0.40	+6.6	+12	+2.0	-6.3	+61	+5.1	+1.2	-0.6	+0.7	+2.7	+0.91	-10	+7	+27	-15	\$118	\$106	\$132	\$109	
NORE11 NAQD17	HBR	36	23	89%	73%	99%	99%	98%	98%	98%	97%		76%	88%	97%	98%	75%	95%	94%	95%	94%	93%	93%	91%	97%	92%	91%	88%						
				75	95	69	53	69	81	74	66		9	70	87	43	21	64	58	13	55	40	21	99	93	33	1	93	49	64	38	64		
NAQJ93	ARDROSSAN JUSTICE J93 ^{SV}					+6.3	-2.1	-2.4	+2.9	+40	+73	+93	+99	+0.35	+7.7	+16	+0.9	-6.1	+61	+6.2	+2.6	+0.8	-1.5	+3.4	+0.56	+11	+4	+20	-16	\$109	\$99	\$123	\$100	
NORE11 NAQF6	HBR	19	20	75%	60%	98%	98%	97%	97%	96%	92%		66%	86%	91%	96%	62%	86%	86%	87%	85%	82%	84%	72%	96%	83%	85%	76%						
				22	85	81	19	89	88	89	46		21	46	53	89	24	62	38	2	18	98	8	91	32	47	4	95	67	82	51	82		
NAQA60	ARDROSSAN MATERNAL					+3.5	+5.8	-1.6	+1.1	+29	+53	+60	+38	+0.34	+9.0	+16	-0.5	-5.6	+34	+4.0	+0.2	+0.0	+0.1	+0.7	-0.39	+18	-	-	-	\$71	\$87	\$53	\$78	
USA2700 NDIW171	HBR	3	3	72%	60%	97%	96%	94%	94%	91%			51%	65%	92%	93%	68%	86%	86%	87%	86%	83%	84%	72%	74%	-	-	-						
				41	23	89	3	99	99	99	99		25	19	55	99	32	99	77	37	37	68	91	4	15	-	-	-	98	95	99	98		
HIOE7	AYRVALE BARTEL E7 ^{PV}					+12.0	+12.3	-5.2	+1.8	+50	+89	+115	+70	+0.24	+5.8	+26	+2.4	-10.0	+73	+8.1	-0.6	+0.5	+3.0	+0.58	-12	+14	-7	-7	\$162	\$138	\$181	\$149		
VTMB219 BVVB32	HBR	62	24	97%	90%	99%	99%	99%	99%	99%			80%	88%	99%	99%	90%	98%	97%	98%	98%	97%	97%	95%	99%	96%	97%	95%						
				2	1	35	6	34	39	44	92		72	83	2	26	1	18	13	65	24	50	14	92	95	10	73	80	1	1	2	1		
USA41-93	B C C BUSHWACKER 41-93 [#]					-5.3	+0.4	-2.9	+5.2	+54	+81	+98	+92	+0.25	+7.0	+15	+1.3	-6.3	+64	+5.4	-1.7	-3.1	+2.4	+0.3	+0.04	+2	+21	+9	+2	\$90	\$101	\$81	\$93	
USA2172 USA918903	HBR	8	6	96%	90%	99%	99%	98%	98%	98%	98%		65%	74%	98%	98%	92%	96%	95%	96%	95%	95%	95%	89%	90%	61%	64%	38%						
				90	70	74	72	16	66	81	60		68	61	67	76	21	51	53	91	97	2	97	34	62	2	32	39	90	78	92	90		
NGMG120	BOOROOMOOKA GENIUS G120					+5.8	+4.6	-5.3	+3.4	+53	+88	+118	+109	+0.22	+8.8	+18	+2.1	-8.6	+71	+6.6	+1.7	+2.9	-0.1	+1.8	+0.16	+18	+2	+23	+19	\$139	\$120	\$144	\$134	
NAQA241 NGMC499	HBR	16	16	75%	60%	97%	97%	96%	96%	96%	94%		67%	84%	92%	95%	64%	86%	87%	88%	86%	83%	85%	73%	96%	64%	73%	73%						
				25	33	33	29	20	41	35	28		80	22	37	38	3	24	32	7	2	76	51	50	14	55	2	1	13	20	24	8		
Breed Average EBVs						+1.8	+2.4	-4.4	+4.3	+47	+85	+112	+98	+0.29	+7.5	+17	+1.9	-4.6	+64	+5.7	-0.1	-0.4	+0.5	+2.0	+0.16	+6	+1	+1	-1	+117	+110	+123	+114	

Angus Australia - Research Breeding Values

Date: November 27, 2020

Page: 2

Ident	Name	Statistics		Breeding Values																														
		Sire Dam	Reg.	Prog MBC	Prog MCH	Calv-Ease		Birth		Growth				Maternal			Fert		Carcase					Feed		Tmp		Structural			Selection Index			
						Dir	Dtrs	GL	BW	200	400	600	MCW	MBC	MCH	Milk	SS	DC	CW	EMA	Rib	P8	RBV	IMF	NFI-F	Doc	FA	FC	RA	ABI	DOM	GRN	GRS	
NGME124	BOOROOMOOKA INSPIRED E124					-5.5	+1.9	-6.6	+3.7	+47	+83	+108	+97	+0.41	+6.6	+15	+1.1	-9.9	+74	+1.6	-1.7	+2.6	-0.8	+2.3	+0.64	+9	-16	-3	+15	\$121	\$105	\$130	\$113	
NAQA241 NGMB325	HBR	61	23	92%	80%	99%	99%	98%	98%	98%	98%	98%	84%	89%	98%	98%	81%	96%	95%	96%	95%	94%	94%	89%	98%	93%	93%	86%						
				90	58	16	35	53	61	60	52		8	71	64	83	1	16	97	91	3	93	32	95	39	91	66	1	43	67	41	54		
NGMK9	BOOROOMOOKA KINGY K9^{PV}					-5.4	-7.8	-2.1	+6.4	+49	+88	+119	+125	+0.41	+11.0	+18	+2.6	-11.1	+71	+8.0	+0.6	-0.5	+0.3	+4.1	+0.42	-4	-3	+12	+10	\$149	\$116	\$187	\$126	
BNAD145 NGMA281	HBR	31	30	70%	61%	96%	97%	95%	96%	96%	91%		73%	89%	89%	93%	66%	89%	88%	89%	87%	87%	86%	81%	96%	82%	85%	79%						
				90	98	84	91	41	42	33	9		8	3	34	19	1	24	14	26	52	59	2	81	79	72	22	6	5	31	1	20		
NGMT30	BOOROOMOOKA THEO T030^{SV}					+4.9	-1.6	-2.7	+2.6	+30	+59	+78	+44	+0.22	+3.4	+20	+2.8	-6.1	+40	+4.8	+3.2	+1.3	-1.0	+2.3	+0.39	+29	+1	+2	+4	\$95	\$92	\$95	\$94	
USA036 NGMQ34+95	HBR	60	31	97%	92%	99%	99%	99%	99%	99%	99%		84%	90%	99%	99%	97%	98%	98%	98%	97%	97%	94%	96%	84%	82%	72%							
				31	82	77	14	99	99	98	99		80	99	20	14	24	99	64	1	11	95	32	79	3	59	52	28	86	92	83	90		
NGMW245	BOOROOMOOKA WARWICK					+0.4	+1.9	-6.2	+5.2	+39	+70	+89	+89	+0.34	+7.1	+8	+0.9	-4.8	+49	+7.2	-0.3	-1.1	+1.4	+0.3	-0.48	+36	-24	+20	+12	\$90	\$97	\$80	\$94	
NZE469 NGMU14	HBR	32	14	91%	78%	99%	98%	98%	98%	98%	97%		73%	83%	98%	97%	83%	95%	94%	95%	94%	93%	93%	85%	94%	67%	72%	55%						
				63	58	21	72	91	93	93	67		25	59	99	89	47	94	23	54	69	14	97	2	1	96	5	3	90	85	92	90		
SRKJ310	BOWMONT JACKPOT J310^{PV}					+2.7	+0.2	-2.9	+2.5	+46	+85	+113	+94	+0.32	+9.7	+23	+5.1	-9.6	+73	+4.6	+0.2	-0.2	+0.8	+1.3	+0.10	-1	+0	+16	-2	\$128	\$115	\$134	\$122	
NAQA241 NAQZ31	HBR	11	18	75%	60%	96%	97%	96%	96%	96%	92%		63%	85%	91%	95%	67%	87%	87%	88%	87%	84%	86%	74%	94%	74%	80%	63%						
				47	71	74	13	61	52	47	57		33	10	8	1	1	16	68	37	43	35	73	42	72	62	13	62	29	34	36	29		
USA14188956	B/R AMBUSH 28[#]					-1.3	+11.1	-8.3	+4.7	+49	+88	+104	+114	+0.33	+12.6	+10	-0.4	-5.8	+66	+6.0	-2.1	-2.3	+0.7	+2.9	-0.24	-6	-1	-11	+1	\$120	\$117	\$140	\$110	
USA1531 USA13355447	HBR	4	3	93%	84%	99%	99%	98%	98%	98%	98%		53%	71%	98%	98%	87%	96%	95%	96%	96%	95%	95%	88%	94%	78%	79%	65%						
				73	1	5	60	44	41	69	20		29	1	95	99	29	43	42	95	91	40	16	9	86	64	79	49	45	28	28	62		
NZE12170007	BRAVEHEART OF STERN^{SV}					+0.3	+0.4	-5.9	+4.8	+38	+74	+101	+78	+0.23	+5.5	+17	+3.0	-1.8	+46	+8.5	+0.0	+0.8	+1.4	+0.6	+0.48	+18	+13	+12	-7	\$98	\$99	\$88	\$104	
NZE12170004408 NZE121701033886	HBR	18	10	93%	83%	99%	99%	98%	98%	98%	98%		59%	75%	98%	98%	83%	96%	96%	96%	95%	95%	89%	95%	69%	69%	75%	61%						
				64	70	24	63	93	86	76	85		76	87	46	10	92	96	11	44	18	14	93	86	14	11	23	81	83	82	88	75		
USA095	B/R NEW FRONTIER 095[#]					+6.1	+6.2	-2.0	+5.0	+40	+67	+87	+70	+0.16	+9.1	+12	+2.8	-6.4	+47	+2.7	-2.8	-5.3	+1.5	+2.6	+0.05	+15	+3	+6	+7	\$110	\$108	\$129	\$100	
USA036 USAH1	HBR	62	30	97%	93%	99%	99%	99%	99%	99%	99%		84%	89%	99%	99%	96%	98%	98%	98%	97%	97%	94%	97%	76%	77%	71%							
				23	20	85	68	88	96	94	92		93	17	86	14	20	96	92	99	99	12	23	35	19	50	41	16	65	58	43	82		
USA1299	B S S LIMITED DESIGN[#]					+0.6	-15.0	-3.0	+5.8	+38	+74	+96	+86	+0.32	+8.5	+10	+0.8	-5.2	+54	+3.4	-0.3	+0.3	+0.5	+2.5	+0.13	+14	-12	+9	-7	\$105	\$98	\$117	\$98	
USA216 USA12327822	HBR	5	4	93%	87%	99%	99%	98%	98%	98%	98%		56%	59%	98%	98%	93%	96%	96%	96%	96%	95%	95%	89%	90%	64%	60%	52%						
				62	99	73	83	92	86	85	73		33	27	95	91	40	85	85	54	29	50	26	46	23	87	31	80	74	84	59	85		
USA24J	BT RIGHT TIME 24J[#]					-4.5	-4.4	-2.8	+4.6	+45	+85	+112	+86	+0.22	+6.9	+19	+1.3	-6.3	+56	+5.1	+1.2	+2.0	-0.1	+0.3	-0.42	+3	+14	-35	+8	\$99	\$95	\$86	\$104	
USA2700 USA1905	HBR	69	28	87%	92%	99%	99%	99%	99%	99%	99%		84%	88%	99%	99%	93%	98%	97%	98%	98%	97%	97%	94%	97%	79%	85%	78%						
				97	93	75	58	65	52	49	73		80	65	32	76	21	78	58	13	5	76	97	3	59	9	99	12	82	88	89	75		
USA297E	B T ULTRAVOX 297E[#]					-16.6	-14.3	-3.1	+7.4	+55	+92	+123	+131	+0.25	+8.1	+14	+2.1	-3.0	+59	+4.7	+0.5	+0.4	+0.6	+1.8	+0.01	+5	-28	-33	-5	\$83	\$80	\$84	\$83	
USA11870571 USA788	HBR	39	42	97%	94%	99%	99%	99%	99%	99%	99%		81%	92%	99%	99%	97%	98%	98%	98%	98%	98%	98%	95%	97%	86%	86%	75%						
				99	99	71	97	11	28	23	6		68	37	69	38	80	68	66	28	27	45	51	30	51	98	99	75	94	98	90	96		
USA5321	C A FUTURE DIRECTION 5321[#]					+3.6	+7.6	-2.8	+2.5	+31	+51	+71	+40	+0.35	+7.7	+18	-0.2	-2.9	+55	+10.6	-1.0	-1.0	+0.9	+2.0	+0.61	-13	+13	-3	+7	\$93	\$95	\$89	\$95	
USA1680 USA12054694	HBR	142	54	99%	97%	99%	99%	99%	99%	99%	99%		93%	94%	99%	99%	98%	99%	99%	99%	99%	98%	98%	98%	98%	96%	96%	90%						
				40	11	75	13	99	99	99	99		21	45	35	99	81	82	3	76	66	31	43	94	96	11	66	13	88	88	87	89		
QHED62	CARABAR DOCKLANDS D62^{PV}					+9.2	-1.3	-9.1	+4.2	+48	+88	+127	+97	+0.39	+7.7	+24	+3.3	-9.0	+75	+6.7	+0.8	+1.6	+0.3	+1.2	+0.24	-19	-7	-4	-23	\$140	\$116	\$145	\$136	
NENZ181 QHEB12	HBR	109	83	96%	87%	99%	99%	99%	99%	99%	98%		86%	95%	98%	99%	88%	97%	97%	97%	97%	96%	96%	92%	99%	96%	97%	93%						
				7	81	3	48	45	39	17	51		11	45	4	6	2	13	30	21	8	59	77	61	99	80	67	99	12	31	23	6		
Breed Average EBVs				+1.8	+2.4	-4.4	+4.3	+47	+85	+112	+98	+0.29	+7.5	+17	+1.9	-4.6	+64	+5.7	-0.1	-0.4	+0.5	+2.0	+0.16	+6	+1	+1	-1	+117	+110	+123	+114			

Angus Australia - Research Breeding Values

Date: November 27, 2020

Page: 3

Ident	Name	Statistics		Breeding Values																														
		Sire Dam	Reg.	Prog MBC	Prog MCH	Calv-Ease		Birth		Growth				Maternal			Fert		Carcase					Feed		Tmp		Structural			Selection Index			
						Dir	Dtrs	GL	BW	200	400	600	MCW	MBC	MCH	Milk	SS	DC	CW	EMA	Rib	P8	RBY	IMF	NFI-F	Doc	FA	FC	RA	ABI	DOM	GRN	GRS	
QHEG168	CARABAR GRANDSTAND G168					-0.3	-8.5	-8.7	+5.6	+47	+84	+107	+108	+0.24	+8.2	+17	+0.5	-6.9	+67	+6.9	+0.6	-0.4	-0.1	+3.4	-0.03	+14	-	-	-	\$122	\$108	\$144	\$110	
NAQA2 QHEB12	HBR	1	1	58%	49%	76%	94%	84%	84%	91%	82%	53%	56%	72%	90%	62%	78%	79%	81%	80%	78%	77%	68%	61%	-	-	-	-	-	-	-	-	-	
WLHD19	CHERYLTON STEWIE D19 PV					+2.5	+3.1	-5.0	+3.4	+47	+92	+115	+96	+0.30	+9.8	+20	+2.1	-4.3	+61	+3.6	-1.5	+1.2	-0.3	+3.0	+0.09	+2	+7	-17	+4	\$128	\$119	\$142	\$121	
USA13058662 USA14311946	HBR	9	10	85%	73%	98%	98%	98%	98%	98%	96%	59%	78%	96%	97%	71%	94%	93%	94%	93%	90%	92%	87%	95%	81%	85%	77%	-	-	-	-	-		
THCL61	CLUDEN NEWRY ELEVATOR L61					+1.7	+1.3	-4.6	+5.6	+60	+116	+155	+156	+0.32	+9.7	+18	+2.2	-0.9	+89	+8.4	-2.3	-1.3	+2.3	+0.6	+0.34	+28	+2	+13	-6	\$137	\$128	\$141	\$138	
WDCE11 THCF92	HBR	6	6	59%	45%	93%	94%	91%	92%	92%	83%	51%	72%	76%	81%	55%	88%	85%	84%	85%	82%	85%	81%	90%	84%	83%	78%	-	-	-	-	-		
USA17031465	CONNELLY COMRADE 1385 #					+14.9	+7.9	-7.6	-1.6	+42	+78	+86	+47	+0.35	+5.1	+15	+0.5	-4.0	+49	+9.7	-0.6	-1.4	+1.5	+2.1	+0.68	+24	+2	-40	+4	\$117	\$124	\$117	\$116	
USA16447771 USA16454356	HBR	11	7	81%	66%	98%	98%	97%	97%	97%	96%	60%	73%	94%	95%	61%	91%	90%	91%	89%	87%	88%	74%	94%	68%	73%	60%	-	-	-	-	-		
USA16447771	CONNELLY CONSENSUS 7229 SV					+4.3	+3.9	-4.0	+4.2	+48	+75	+86	+56	+0.33	+5.2	+13	+1.0	-5.1	+45	+7.2	-0.4	-1.9	+1.8	+2.0	+0.04	+26	-4	-18	+0	\$112	\$119	\$114	\$110	
USA15513367 USA15804270	HBR	7	1	81%	66%	98%	98%	97%	97%	97%	95%	58%	62%	95%	96%	70%	92%	92%	92%	91%	89%	90%	80%	94%	73%	71%	62%	-	-	-	-	-		
USA16969555	CONNELLY EARNAN 076E PV					-25.3	+1.6	-3.9	+6.5	+59	+103	+127	+120	+0.34	+3.6	+7	+0.6	-2.5	+74	+4.8	-0.2	-1.8	-0.6	+1.6	+0.34	+2	+19	+15	+12	\$61	\$68	\$56	\$65	
USA15513367 USA16246696	HBR	27	8	87%	72%	99%	99%	98%	98%	98%	97%	73%	77%	97%	98%	73%	94%	93%	94%	93%	91%	92%	82%	97%	90%	91%	79%	-	-	-	-	-		
USA13447282	CONNELLY LEAD ON #					-5.7	-14.5	-3.7	+4.6	+44	+85	+112	+85	+0.24	+7.4	+19	+2.0	-10.7	+62	+8.0	-2.4	-3.1	+3.5	+0.7	+0.00	+6	-46	-15	+5	\$130	\$116	\$139	\$121	
USA12893612 USA12015495	HBR	11	14	94%	87%	99%	98%	98%	98%	98%	98%	65%	84%	98%	98%	94%	97%	96%	97%	96%	95%	96%	90%	93%	75%	77%	61%	-	-	-	-	-		
WDCE11	COONAMBLE ELEVATOR E11 PV					-5.9	-7.2	-1.6	+7.1	+62	+116	+159	+187	+0.41	+10.0	+16	+1.1	+3.8	+79	+6.9	-3.4	-1.5	+2.1	+0.3	-0.54	+42	+20	+17	+18	\$101	\$101	\$97	\$109	
WDCZ3 WHHB31	HBR	17	2	90%	72%	99%	99%	98%	98%	98%	97%	60%	65%	98%	98%	76%	95%	94%	95%	95%	93%	93%	86%	96%	80%	84%	70%	-	-	-	-	-		
USA17307074	DEER VALLEY ALL IN SV					-3.3	+8.4	-5.0	+2.6	+59	+112	+138	+109	+0.31	+8.0	+23	+1.5	-2.5	+73	+6.3	-1.7	-3.7	+1.9	+2.5	+0.53	-4	-3	-20	-18	\$138	\$132	\$154	\$131	
USA15719841 USA16659290	HBR	39	16	91%	73%	99%	99%	98%	98%	98%	97%	74%	83%	97%	98%	74%	95%	94%	94%	94%	92%	93%	82%	97%	89%	90%	83%	-	-	-	-	-		
BHRG548	DUNOON GABBA G548 PV					-5.4	-12.0	-3.6	+5.5	+48	+84	+117	+105	+0.48	+6.8	+19	+3.0	-6.2	+79	+5.4	+1.5	+2.6	-1.4	+4.2	+0.11	+16	+15	+15	+7	\$124	\$99	\$148	\$112	
BNAD145 BHRZ120	HBR	6	3	84%	70%	98%	98%	97%	98%	97%	95%	56%	69%	97%	97%	71%	92%	91%	92%	91%	89%	90%	80%	96%	44%	40%	31%	-	-	-	-	-		
BHRR093+96	DUNOON REAGAN R093+96 SV					+4.3	+7.0	-2.4	+0.9	+36	+67	+78	+48	+0.41	+8.8	+9	+0.8	-2.3	+47	+2.6	+0.3	+2.0	-0.4	+0.5	-0.10	-4	-4	+20	-10	\$77	\$95	\$54	\$89	
VTMK207+90 VTML145+91	HBR	10	1	94%	86%	99%	99%	98%	98%	98%	98%	59%	63%	98%	98%	93%	97%	96%	97%	96%	96%	96%	91%	93%	42%	52%	34%	-	-	-	-	-		
USA16198796	EF COMPLEMENT 8088 PV					+7.3	+12.0	-5.4	+2.9	+53	+98	+130	+104	+0.32	+5.7	+23	+1.1	-5.2	+76	+8.4	+0.9	+1.7	-0.2	+2.0	+0.62	+8	-12	-7	-27	\$144	\$127	\$149	\$141	
USA14686137 USA15452880	HBR	107	68	95%	82%	99%	99%	99%	99%	99%	98%	86%	94%	98%	99%	80%	96%	96%	96%	96%	95%	95%	90%	99%	96%	96%	93%	-	-	-	-	-		
WWEL3	ESSLEMONT LOTTO L3 PV					-6.6	-9.0	-5.8	+4.4	+59	+106	+138	+117	+0.38	+7.8	+23	+3.6	-9.2	+86	+11.0	+0.2	+0.1	+1.3	+4.2	+0.41	+6	-6	-28	+0	\$170	\$137	\$207	\$149	
HIOG18 WWEJ8	HBR	9	9	83%	68%	99%	99%	98%	98%	98%	94%	54%	75%	91%	98%	63%	93%	93%	92%	91%	90%	91%	87%	97%	94%	95%	92%	-	-	-	-	-		
Breed Average EBVs				+1.8	+2.4	-4.4	+4.3	+47	+85	+112	+98	+0.29	+7.5	+17	+1.9	-4.6	+64	+5.7	-0.1	-0.4	+0.5	+2.0	+0.16	+6	+1	+1	-1	+117	+110	+123	+114			

Angus Australia - Research Breeding Values

Date: November 27, 2020

Page: 4

Sire Dam	Name	Statistics		Calv-Ease		Birth		Growth				Maternal			Fert		Carcase					Feed		Tmp		Structural				Selection Index			
		Reg.	Prog MBC	Prog MCH	Dir	Dtrs	GL	BW	200	400	600	MCW	MBC	MCH	Milk	SS	DC	CW	EMA	Rib	P8	RBY	IMF	NFI-F	Doc	FA	FC	RA	ABI	DOM	GRN	GRS	
																																	Dir
USA16295688	G A R PROPHET SV				+3.4	+5.5	-1.0	+3.7	+67	+109	+134	+88	+0.23	+5.5	+26	+0.8	-9.4	+69	+6.2	+0.4	+0.1	-0.8	+4.3	+0.92	+9	+22	-7	+12	\$168	\$143	\$196	\$152	
USA13009379	HBR	61	32	94%	82%	99%	99%	99%	99%	99%	98%	81%	90%	98%	98%	83%	97%	96%	96%	96%	95%	96%	91%	99%	96%	96%	93%						
USA15129456				42	25	93	35	1	3	9	69	76	87	2	91	1	29	38	31	34	93	2	99	37	1	73	3	1	1	1	1		
USA15464043	G A R ULTIMATE #				+0.6	-10.2	+0.1	+4.3	+51	+81	+102	+111	+0.40	+5.8	+5	+0.9	-6.0	+58	+6.1	-0.9	-2.0	+0.5	+2.8	+0.06	-12	-30	-6	-22	\$110	\$105	\$125	\$102	
USA0T26	HBR	14	2	90%	81%	99%	99%	98%	98%	98%	98%	60%	60%	98%	98%	76%	95%	94%	95%	94%	93%	93%	84%	95%	90%	88%	80%						
USA14800878				62	99	97	50	29	66	75	25	9	83	99	89	26	73	40	74	87	50	18	36	95	99	70	99	65	67	48	79		
USA71	G D A R TRAVELER 71 #				+12.5	+3.9	-2.7	+1.3	+33	+54	+84	+50	+0.23	+6.3	+23	+2.0	-3.3	+44	-4.0	+2.9	+3.1	-2.1	+1.3	+0.23	+10	-	-	-	\$68	\$71	\$51	\$78	
USA1148	HBR	2	19	95%	89%	98%	98%	98%	98%	98%	97%	55%	70%	98%	97%	94%	96%	95%	95%	95%	94%	94%	86%	75%	-	-	-						
USA717922				1	39	77	4	98	99	96	99	76	76	7	43	75	97	99	2	2	99	73	60	36	-	-	-	98	99	99	98		
QBGM16+92	GLENOCH MEGAFORCE+92 SV				-18.0	-14.8	-1.5	+5.8	+39	+70	+91	+84	+0.17	+7.2	+12	+1.0	-4.2	+52	+3.2	-0.2	+0.4	+0.3	+1.4	-0.08	+11	+3	+25	+4	\$57	\$63	\$50	\$60	
USA88	HBR	31	3	95%	91%	99%	99%	98%	98%	98%	98%	74%	83%	98%	98%	97%	97%	97%	97%	97%	97%	96%	93%	94%	72%	74%	64%						
QBGH10+88				99	99	90	83	90	93	92	76	91	58	84	86	59	89	87	51	27	59	69	20	31	53	1	33	99	99	99	99		
NHZJ140	HAZELDEAN JAIPUR J140 SV				+10.2	+11.5	-4.7	+2.8	+41	+78	+112	+91	+0.14	+8.5	+27	+2.7	-6.2	+77	+4.0	-0.9	-2.0	+1.2	+1.8	+1.02	+38	+5	+30	+6	\$128	\$113	\$139	\$122	
NAQA241	HBR	25	35	79%	61%	98%	98%	97%	97%	97%	92%	69%	89%	92%	97%	69%	92%	91%	92%	90%	89%	90%	85%	97%	87%	88%	83%						
NHZC33				4	1	43	17	85	77	51	63	95	28	1	16	23	10	77	74	87	20	51	99	1	41	1	18	29	40	29	29		
NHZK416	HAZELDEAN KATZEN K416 SV				+12.4	+1.3	-12.5	+2.4	+55	+97	+130	+128	+0.44	+7.1	+18	+3.2	-13.0	+78	+1.8	+4.1	+3.0	-1.5	+1.7	+0.51	+41	+8	-16	+4	\$144	\$118	\$153	\$135	
NORE11	APR	1	1	72%	58%	98%	98%	96%	96%	94%	87%	54%	62%	86%	94%	60%	91%	87%	85%	87%	84%	87%	84%	95%	86%	87%	81%						
NHZH342				1	63	1	12	11	16	12	8	4	59	36	7	1	8	97	1	2	98	56	88	1	28	87	32	8	25	15	7		
SEWA45	HIDDEN VALLEY TIMEOUT A45				-2.8	+2.4	-3.3	+6.1	+61	+113	+163	+136	+0.31	+8.3	+24	+2.4	-2.7	+82	+1.7	-1.2	-0.9	+0.5	+0.8	-0.94	+30	-1	-9	-7	\$129	\$111	\$132	\$131	
USA13058662	HBR	12	1	79%	66%	98%	98%	96%	96%	96%	94%	58%	63%	95%	93%	69%	90%	89%	90%	89%	87%	87%	79%	82%	68%	66%	58%						
USA13173314				81	53	68	87	3	1	1	4	38	32	5	26	84	4	97	81	63	50	89	1	3	66	76	80	27	47	38	12		
NZE12170004	HIGHLANDER OF STERN AB #				-2.0	-4.5	-3.9	+6.4	+42	+75	+99	+105	+0.34	+7.8	+16	+2.1	-6.1	+48	+3.2	-1.3	+1.4	+0.4	+1.4	+0.38	+40	+15	+20	+4	\$97	\$94	\$98	\$96	
VTMU3271	HBR	35	1	93%	84%	99%	99%	98%	98%	98%	98%	77%	58%	98%	98%	86%	96%	96%	96%	96%	95%	95%	90%	95%	67%	74%	46%						
NZE2664				77	93	58	91	81	85	80	35	25	43	53	38	24	94	87	84	9	54	69	78	1	9	4	29	84	90	81	87		
NZE469	HINGAIA 469 #				+9.6	+3.4	-4.4	+3.5	+30	+62	+83	+82	+0.27	+5.9	+13	+1.4	-7.0	+33	+2.3	+1.0	+1.4	-0.1	-1.2	-0.78	+32	-4	+17	-1	\$73	\$82	\$47	\$84	
NZE36917	HBR	26	4	95%	90%	98%	99%	98%	98%	98%	98%	79%	69%	98%	98%	95%	97%	97%	97%	97%	97%	97%	94%	94%	75%	72%	51%						
NZE217493				6	44	49	31	99	98	97	79	58	82	80	72	13	99	94	17	9	76	99	1	2	73	11	56	98	98	99	96		
USA13119152	HOFF LIMITED EDITION S C 594				-15.6	-7.2	-2.8	+7.8	+47	+82	+103	+97	+0.30	+7.8	+7	+0.0	+5.7	+66	+6.5	-2.0	-2.4	+1.8	+0.9	-0.05	-12	-	-	-	\$45	\$70	\$29	\$59	
USASC242	HBR	8	11	92%	83%	99%	99%	98%	98%	98%	98%	54%	67%	98%	98%	90%	97%	96%	96%	95%	95%	88%	85%	-	-	-							
USA12431774				99	98	75	99	57	64	72	50	43	42	99	99	99	40	33	94	92	7	86	23	95	-	-	-	99	99	99	99		
USA17366506	H P C A INTENSITY #				-14.9	-1.4	-3.6	+7.1	+65	+114	+149	+129	+0.40	+4.9	+26	+0.6	-5.9	+87	+10.4	-0.2	-0.9	+0.9	+3.4	+0.37	-3	+2	+10	-11	\$142	\$118	\$167	\$129	
USA16497066	HBR	62	34	91%	76%	99%	99%	98%	98%	98%	98%	81%	89%	97%	98%	78%	96%	95%	95%	94%	94%	87%	97%	89%	90%	82%							
USA16078549				99	81	63	96	1	1	2	7	9	93	2	94	27	2	3	51	63	31	8	77	77	56	30	88	10	25	7	15		
USA13058662	HYLINE RIGHT TIME 338 #				-9.6	-0.2	-4.9	+5.8	+53	+89	+127	+95	+0.28	+8.2	+21	+3.6	-3.5	+60	+4.8	-0.2	+0.7	+0.6	+1.4	-0.75	-10	+22	-4	+16	\$106	\$95	\$103	\$108	
USA2700	HBR	62	17	97%	94%	99%	99%	99%	99%	99%	99%	88%	89%	99%	99%	95%	98%	98%	98%	98%	97%	97%	96%	97%	88%	90%	81%						
USA265				97	74	40	83	19	37	17	55	53	33	17	3	72	68	64	51	20	45	69	1	92	1	67	1	72	88	76	67		
USA14037894	HYLINE RIGHT WAY 781 #				-11.4	+6.7	-1.3	+7.1	+53	+88	+114	+98	+0.31	+7.8	+14	+2.6	-1.7	+59	+4.6	-1.1	-1.1	+1.7	+1.0	-0.47	+7	+3	+6	+2	\$88	\$94	\$82	\$92	
USA13058662	HBR	12	1	87%	73%	99%	98%	98%	98%	98%	97%	59%	53%	98%	97%	78%	94%	93%	93%	92%	91%	91%	81%	88%	43%	45%	26%						
USA86				99	16	91	96	20	42	46	48	38	43	76	19	92	68	68	79	69	8	83	2	45	52	41	42	92	90	91	91		
Breed Average EBVs				+1.8	+2.4	-4.4	+4.3	+47	+85	+112	+98	+0.29	+7.5	+17	+1.9	-4.6	+64	+5.7	-0.1	-0.4	+0.5	+2.0	+0.16	+6	+1	+1	-1	+117	+110	+123	+114		

Angus Australia - Research Breeding Values

Date: November 27, 2020

Page: 5

Ident	Name	Statistics		Statistics																														
		Sire Dam	Reg.	Prog MBC	Prog MCH	Calv-Ease		Birth		Growth				Maternal			Fert		Carcase					Feed		Tmp		Structural			Selection Index			
						Dir	Dtrs	GL	BW	200	400	600	MCW	MBC	MCH	Milk	SS	DC	CW	EMA	Rib	P8	RBY	IMF	NFI-F	Doc	FA	FC	RA	ABI	DOM	GRN	GRS	
USA16748826	JINDRA DOUBLE VISION ^{SV}					+0.6	+2.1	-3.0	+5.3	+55	+100	+130	+126	+0.21	+8.1	+18	+0.1	-0.5	+80	+6.7	-1.1	-1.9	+1.1	+0.9	-0.23	+15	-12	-20	+3	\$106	\$109	\$103	\$111	
USA14528330	HBR	21	22	81%	62%	98%	98%	97%	98%	98%	95%		60%	84%	95%	97%	61%	91%	90%	91%	89%	87%	89%	74%	95%	84%	86%	71%						
USA14806260				62	56	73	74	13	9	13	9		83	36	33	98	97	6	30	79	86	23	86	9	20	87	92	35	72	54	76	59		
NENG220	KAROO D145 GENERATOR G220					-1.0	-7.7	-6.5	+3.7	+41	+75	+104	+84	+0.38	+7.0	+19	+0.1	-8.2	+63	+5.3	+3.6	+4.3	-1.9	+2.6	+0.24	-17	-	-	-	\$115	\$96	\$120	\$110	
BNAD145	HBR	4	4	81%	69%	98%	98%	97%	97%	97%	94%		60%	72%	94%	95%	66%	88%	88%	90%	88%	86%	87%	75%	86%	-	-	-						
NENB15				72	98	17	35	85	84	70	76		13	62	25	98	4	55	55	1	1	99	23	61	98	-	-	-	55	87	55	62		
USA14885809	K C F BENNETT PERFORMER #					-6.9	-0.7	-5.3	+5.6	+51	+85	+112	+94	+0.47	+7.4	+20	+3.2	-3.8	+69	+7.5	+2.1	+2.6	+0.9	+0.1	-0.14	-15	+9	-18	-1	\$93	\$95	\$74	\$102	
USA13058662	HBR	30	2	95%	88%	99%	99%	99%	99%	99%	98%		72%	70%	99%	98%	89%	97%	97%	97%	96%	96%	92%	96%	57%	60%	44%							
USA13852823				93	77	33	80	31	52	50	57		2	53	24	7	67	29	19	4	3	31	99	15	97	22	90	55	88	88	95	79		
USA13687063	K C F BENNETT TOTAL #					+7.1	+4.4	-4.7	+2.6	+40	+73	+93	+62	+0.45	+3.4	+16	+1.7	-5.8	+56	+3.9	+2.6	+2.2	-0.8	+0.8	+0.02	+4	+7	-8	+4	\$98	\$99	\$84	\$103	
USA6595	HBR	19	7	95%	86%	99%	98%	98%	98%	98%	97%		66%	79%	98%	97%	85%	95%	94%	95%	94%	93%	93%	83%	89%	57%	31%	58%	27%					
USA12797613				17	35	43	14	88	88	98	96		4	99	53	58	29	79	79	2	4	93	89	31	89	35	75	28	83	82	90	77		
USA15848590	KC HAAS GPS #					+11.5	+14.7	-8.5	+3.6	+51	+98	+126	+132	+0.28	+10.5	+8	+3.9	-4.7	+70	+2.3	+1.6	+3.3	-1.8	+3.6	+0.58	-25	-47	-55	-25	\$143	\$125	\$165	\$133	
USA14740749	HBR	28	24	89%	73%	99%	99%	98%	98%	98%	97%		67%	86%	97%	98%	76%	95%	94%	95%	94%	93%	94%	85%	97%	87%	89%	84%						
USA15137176				2	1	5	33	30	13	18	6		53	5	99	2	49	27	94	8	1	99	6	92	99	99	99	99	9	10	8	9		
USA16764044	KM BROKEN BOW 002 ^{PV}					+6.1	+9.8	-5.9	+1.0	+56	+90	+117	+97	+0.18	+5.2	+18	+1.2	-2.4	+65	+7.9	-0.5	-0.9	+0.8	+1.9	-0.07	-11	-9	-8	+15	\$122	\$119	\$122	\$123	
USA14850409	HBR	21	13	90%	74%	99%	99%	98%	98%	98%	97%		65%	81%	98%	98%	74%	95%	94%	94%	94%	92%	93%	82%	96%	81%	88%	69%						
USA14786779				23	3	24	3	11	34	38	50		90	90	33	80	87	47	15	61	63	35	47	21	93	83	74	1	41	22	52	27		
WKHK46	KOOJAN HILLS REALITY K46 ^{SV}					-1.2	+7.3	-6.9	+6.2	+54	+99	+136	+149	+0.43	+10.4	+19	+2.8	-6.7	+74	+6.7	+0.6	-0.8	+0.6	+1.4	+0.35	-1	+4	+4	+16	\$131	\$113	\$142	\$125	
NZE14647008839	HBR	15	16	64%	49%	95%	96%	93%	94%	94%	89%		61%	83%	82%	91%	57%	81%	80%	82%	81%	78%	79%	67%	85%	64%	73%	60%						
WKHE266				73	13	13	89	18	12	7	2		5	6	26	14	16	14	30	26	61	45	69	75	71	49	48	1	23	40	26	22		
TFAK132	LANDFALL KEYSTONE K132 ^{PV}					+7.0	+7.5	-7.8	+2.1	+56	+105	+147	+143	+0.44	+8.5	+18	+0.9	-7.2	+97	+7.4	+2.1	-1.6	+0.0	+2.2	+0.49	+17	-15	-13	+0	\$156	\$128	\$176	\$146	
NORE11	HBR	10	2	82%	61%	99%	98%	98%	98%	97%	90%		61%	62%	86%	97%	59%	84%	86%	86%	85%	81%	84%	71%	96%	78%	75%	66%						
TFAH807				17	12	7	9	9	4	2	2		4	27	37	89	11	1	20	4	81	72	36	87	16	89	82	51	2	6	4	1		
VLYC402	LAWSONS INVINCIBLE C402 ^{PV}					+6.9	-2.8	-6.6	+2.1	+42	+73	+96	+72	+0.40	+5.2	+12	+0.7	-5.0	+56	+7.0	-0.4	+0.3	-0.1	+3.8	+1.19	+37	+9	+2	-7	\$127	\$113	\$146	\$117	
USA1422615	HBR	58	13	95%	88%	99%	99%	98%	99%	98%	98%		83%	87%	98%	98%	87%	97%	96%	96%	96%	95%	95%	90%	98%	95%	95%	91%						
VLYA598				18	88	16	9	81	88	86	91		9	90	88	93	43	78	26	58	29	76	4	99	1	25	52	81	31	40	22	43		
VLYE313	LAWSONS NOVAK E313 ^{SV}					-10.5	+1.1	-2.2	+3.8	+52	+88	+115	+100	+0.29	+8.8	+21	+1.4	-5.3	+61	+5.9	-1.6	-2.6	+0.3	+3.3	-0.23	+7	+24	+14	+13	\$110	\$100	\$128	\$101	
USA14844711	HBR	20	13	92%	76%	99%	99%	98%	98%	98%	98%		69%	83%	98%	98%	77%	96%	95%	95%	93%	94%	88%	97%	86%	89%	77%							
VLYB770				98	64	83	38	27	42	43	44		48	23	16	72	38	62	44	89	94	59	9	45	1	17	3	65	80	44	81			
USA13361440	LEACHMAN BOOM TIME #					-11.2	+0.9	-2.3	+4.4	+57	+85	+116	+97	+0.45	+6.5	+21	+1.2	-4.5	+69	+2.5	+0.0	-1.0	-0.8	+1.2	-0.50	-9	+8	+3	+10	\$76	\$77	\$64	\$81	
USA2700	HBR	64	5	94%	88%	99%	99%	98%	99%	99%	98%		85%	80%	99%	98%	93%	97%	96%	97%	96%	96%	91%	96%	93%	93%	86%							
USA12335791				98	66	82	53	8	53	41	50		4	71	16	80	53	28	93	44	66	93	77	2	91	31	49	5	97	99	97	97		
USA2700	LEACHMAN RIGHT TIME ^{SV}					-6.2	-0.1	-3.1	+4.0	+41	+73	+96	+75	+0.37	+7.9	+14	+0.7	-6.5	+51	+2.0	+1.3	+2.7	-0.7	+0.1	-0.68	-13	-	-	-	\$80	\$83	\$60	\$88	
USAU23	HBR	2	4	93%	87%	98%	98%	98%	98%	98%	97%		71%	79%	98%	98%	94%	96%	96%	96%	96%	95%	95%	90%	88%	-	-	-						
USA11382472				92	73	71	43	83	88	86	88		15	40	76	93	19	91	96	12	2	91	99	1	95	-	-	-	96	97	98	94		
USA9074	L T 598 BANDO 9074 #					+2.4	+7.7	-3.4	+2.6	+46	+82	+109	+82	+0.30	+5.7	+19	+2.5	-9.3	+56	+0.9	+0.0	+0.1	+0.2	+1.3	-0.04	+19	-12	-21	+3	\$123	\$112	\$126	\$119	
USA5175	HBR	70	11	96%	90%	99%	99%	99%	99%	99%	99%		85%	88%	99%	99%	95%	98%	97%	98%	97%	97%	97%	94%	98%	95%	95%	89%						
USAK323				49	11	66	14	61	62	59	79		43	85	26	22	1	79	99	44	34	64	73	25	13	87	93	37	38	44	47	37		
Breed Average EBVs				+1.8	+2.4	-4.4	+4.3	+47	+85	+112	+98	+0.29	+7.5	+17	+1.9	-4.6	+64	+5.7	-0.1	-0.4	+0.5	+2.0	+0.16	+6	+1	+1	-1	+117	+110	+123	+114			

Angus Australia - Research Breeding Values

Date: November 27, 2020

Page: 6

Ident	Name	Statistics																																			
		Prog		Calv-Ease				Birth				Growth				Maternal			Fert		Carcase					Feed		Tmp		Structural				Selection Index			
		Sire Dam	Reg.	MBC	MCH	Dir	Dtrs	GL	BW	200	400	600	MCW	MBC	MCH	Milk	SS	DC	CW	EMA	Rib	P8	RBY	IMF	NFI-F	Doc	FA	FC	RA	ABI	DOM	GRN	GRS				
NZE14647008 USA14543651 NZE14647106663	MATAURI REALITY 839 # HBR			122	97	+14.7	+13.4	-10.2	+1.1	+42	+77	+94	+91	+0.52	+4.4	+12	+3.9	-8.2	+49	+4.7	+6.1	+3.2	-2.0	+2.6	+0.59	+7	+8	+5	-19	\$119	\$110	\$124	\$114				
NMMD78 USA14237157 NMMY119	MILLAH MURRAH EQUATOR D78 HBR			27	4	+1.3	+8.2	-9.4	+5.2	+61	+111	+158	+181	+0.21	+10.3	+20	+2.2	-5.3	+90	+2.9	-1.1	-1.3	+1.2	+0.3	-0.93	+12	+18	-1	+11	\$134	\$116	\$140	\$133				
NJWG279 BNAD145 NJWD112	MILWILLAH GATSBY G279 PV HBR			20	22	-9.8	-20.6	-2.8	+5.3	+50	+85	+115	+88	+0.40	+7.8	+21	+2.3	-9.0	+76	+9.1	+1.8	+1.7	-0.6	+4.6	+0.80	-17	-2	+14	-4	\$133	\$104	\$162	\$116				
USA15585939 USA13987017 USA13620692	MOHNEN DYNAMITE 1356 # HBR			54	3	-0.5	+0.6	-6.7	+4.4	+48	+90	+118	+114	+0.34	+7.2	+9	+1.8	-3.0	+69	+3.6	+0.6	+0.1	+0.4	+1.3	+0.19	-4	-10	-16	+17	\$108	\$106	\$109	\$109				
USA17614813 USA16969555 USA15796298	MUSGRAVE BIG SKY PV HBR			24	25	-10.0	+8.0	-4.9	+3.9	+55	+97	+121	+107	+0.27	+7.3	+13	+1.5	-4.8	+63	+5.9	-0.1	+1.2	-0.1	+1.0	+0.92	+3	+17	+10	+13	\$101	\$101	\$93	\$105				
DDSY54 USA5175 NDIU44	N BAR BANDO 5175 Y54 # HBR			7	1	-0.2	+7.6	-4.6	+5.8	+47	+80	+106	+109	+0.31	+9.6	+18	+1.9	-4.2	+66	+3.2	-2.1	-2.7	+0.9	+1.6	+0.02	+9	+8	+11	+1	\$99	\$99	\$104	\$97				
USA16981588 USA16381311 USA16408070	PA FULL POWER 1208 PV HBR			44	41	-5.8	-3.4	-5.5	+3.6	+54	+98	+118	+85	+0.22	+5.0	+14	+2.0	-3.6	+67	+13.2	-0.7	+0.9	+1.4	+3.6	+0.74	+12	-16	-33	-12	\$145	\$132	\$164	\$135				
USA16381311 USA13395344 USA15213474	PA POWER TOOL 9108 SV HBR			2	1	-0.4	-2.5	-0.9	+4.2	+49	+87	+117	+61	+0.26	+6.4	+24	+2.9	-1.0	+58	+7.0	-0.6	-0.8	+0.7	+3.4	+0.64	+6	+15	-13	-5	\$125	\$115	\$138	\$120				
USA2172 USA428 USA1720	PARAMONT AMBUSH 2172 # HBR			2	17	-1.0	+8.2	-2.3	+3.3	+34	+55	+67	+71	+0.48	+7.6	+12	-0.3	-5.7	+40	+3.3	-1.3	-2.9	+0.7	+1.7	+0.21	-2	-11	-11	-	\$75	\$86	\$75	\$74				
SMPK7 HIOG18 SMPH63	PATHFINDER GENERAL K7 SV HBR			30	21	+10.9	+8.1	-7.8	+1.8	+56	+90	+122	+103	+0.34	+10.5	+15	+1.9	-7.2	+76	+9.1	-1.1	-1.6	+1.4	+2.2	+0.57	-13	-9	+23	-9	\$149	\$130	\$162	\$141				
SMPG357 VTMB1 SMPD245	PATHFINDER GENESIS G357 PV HBR			2	1	+5.1	+6.9	-7.9	+6.6	+62	+109	+147	+159	+0.36	+8.8	+25	+4.2	-4.2	+95	+10.9	+1.7	-0.5	+1.6	+1.7	+0.68	+20	-17	-5	-12	\$149	\$130	\$162	\$143				
USA16692552 USA14963730 USA16274856	PLATTEMERE WEIGH UP K360 # HBR			14	13	-5.5	+1.9	-6.3	+3.9	+65	+117	+144	+111	+0.32	+9.5	+17	+1.1	+0.5	+83	+8.1	-3.9	-6.8	+3.8	+1.3	-0.46	-10	+5	-3	+13	\$126	\$131	\$133	\$126				
CXBJ15 BNAD145 CXBF20	PRIME JUGGERNAUT J15 SV HBR			2	9	-3.8	-2.3	-5.7	+6.1	+52	+89	+112	+88	+0.36	+7.3	+15	+0.1	-6.3	+66	+9.5	-0.4	-1.7	+1.7	+2.5	+0.09	-3	+17	+18	-8	\$131	\$121	\$146	\$122				
Breed Average EBVs						+1.8	+2.4	-4.4	+4.3	+47	+85	+112	+98	+0.29	+7.5	+17	+1.9	-4.6	+64	+5.7	-0.1	-0.4	+0.5	+2.0	+0.16	+6	+1	+1	-1	+117	+110	+123	+114				

Angus Australia - Research Breeding Values

Date: November 27, 2020

Page: 7

Ident	Name	Statistics		Statistics																															
		Sire Dam	Reg.	Prog MBC	Prog MCH	Calv-Ease		Birth		Growth				Maternal		Fert		Carcase					Feed		Tmp		Structural			Selection Index					
						Dir	Dtrs	GL	BW	200	400	600	MCW	MBC	MCH	Milk	SS	DC	CW	EMA	Rib	P8	RBY	IMF	NFI-F	Doc	FA	FC	RA	ABI	DOM	GRN	GRS		
QRFU27 USA2164 QRFM51+92	RAFF ULTIMATE U27 ^{SV} HBR	8	6	-16.7	+2.4	-1.6	+8.1	+51	+92	+137	+162	+0.25	+10.2	+15	+2.5	+6.3	+73	+2.5	-4.9	-3.0	+2.1	+0.0	-0.39	+12	+16	+15	+11	\$50	\$62	\$38	\$64				
NORF857 NORD372 NORW449	RENNYLEA AMBASSADOR F857 APR	15	15	-7.9	-0.4	-3.5	+6.0	+47	+92	+119	+119	+0.46	+6.7	+15	+1.6	-8.7	+87	+2.4	+1.4	+0.1	-1.3	+5.0	+0.79	-1	-6	-27	+0	\$139	\$111	\$180	\$117				
NORC574 USA13058662 NORW449	RENNYLEA C574 ^{PV} APR	107	4	+5.8	+10.9	-5.8	+2.2	+46	+89	+118	+88	+0.24	+6.7	+24	+2.1	-10.7	+76	+5.2	+1.9	+1.6	-1.5	+3.8	+0.30	-12	+1	-12	+10	\$158	\$128	\$185	\$142				
NORE11 NGMY145 VLYY5	RENNYLEA EDMUND E11 ^{PV} HBR	159	133	+11.3	-0.1	-7.2	+1.1	+36	+68	+88	+61	+0.49	+5.2	+17	+2.0	-11.3	+55	+6.0	+3.1	+0.8	-0.6	+3.7	+0.92	+11	+8	+24	-13	\$138	\$116	\$161	\$122				
NORG255 BNAD145 NORC490	RENNYLEA G255 ^{PV} APR	82	23	-10.1	-4.4	-3.6	+4.5	+50	+96	+134	+125	+0.47	+8.7	+22	+1.0	-3.8	+92	+6.2	+0.2	-3.0	-0.8	+5.4	+0.18	-1	-5	-40	-2	\$132	\$104	\$175	\$113				
NORG317 VTMA217 VLYY5	RENNYLEA G317 ^{PV} HBR	46	11	+3.1	+3.6	-5.1	+4.4	+39	+71	+95	+48	+0.23	+6.0	+37	+5.4	-6.9	+39	+10.3	-1.1	+0.3	+2.0	+3.0	+0.31	+5	+8	+1	+4	\$138	\$122	\$154	\$127				
NORG420 VTMB1 NORE528	RENNYLEA G420 ^{SV} APR	54	23	+14.7	+10.6	-6.8	+2.2	+48	+89	+120	+94	+0.43	+7.5	+20	+1.8	-6.7	+72	+6.9	+2.6	+1.1	-1.5	+3.7	+0.27	+2	+2	-2	-12	\$146	\$121	\$167	\$135				
NORH434 NAQA241 NORD354	RENNYLEA H434 ^{SV} HBR	23	8	-2.6	-1.4	-0.7	+6.0	+55	+98	+135	+99	+0.18	+8.6	+27	+4.1	-5.0	+82	+6.9	-2.2	-2.9	+1.3	+3.2	+0.59	+17	-6	-2	-9	\$142	\$121	\$167	\$130				
NORH556 NORC574 NORF909	RENNYLEA H556 ^{PV} APR	82	44	-0.8	+10.6	-3.1	+3.3	+43	+79	+100	+72	+0.21	+8.2	+23	+2.4	-7.2	+59	+9.5	-0.6	+0.0	+1.0	+3.3	-0.10	+3	+13	+4	+22	\$138	\$123	\$158	\$126				
NORH708 NORC511 NORE176	RENNYLEA H708 ^{PV} APR	19	9	-5.1	-1.3	+1.5	+4.8	+48	+99	+128	+112	+0.28	+6.8	+14	+2.3	-3.9	+74	+10.5	-3.1	-4.5	+1.7	+5.8	+0.79	+6	+10	+10	+16	\$165	\$136	\$221	\$139				
NORJ178 VTME343 NORE372	RENNYLEA J178 ^{PV} APR	9	3	+7.7	+6.8	-6.7	+1.9	+47	+93	+124	+124	+0.34	+7.4	+11	+4.2	-7.6	+59	+7.5	-1.1	-2.4	+1.2	+2.6	+0.47	+13	+9	-16	+7	\$153	\$131	\$179	\$139				
NORJ937 NORG255 NORE372	RENNYLEA J937 ^{PV} APR	22	7	-8.2	+0.7	-4.3	+4.7	+51	+104	+143	+126	+0.41	+6.4	+21	+1.3	-5.0	+85	+4.5	+0.0	-1.9	-1.9	+5.8	+0.57	+3	-19	-21	+8	\$148	\$113	\$196	\$125				
NORK1004 VLYG554 NORF586	RENNYLEA K1004 ^{PV} APR	11	9	+5.8	+5.9	-4.8	+4.0	+48	+91	+113	+122	+0.43	+9.1	+9	+2.4	-8.1	+68	+5.3	+0.0	+0.0	-0.7	+4.6	+0.61	-4	+8	+12	+0	\$153	\$130	\$191	\$133				
Breed Average EBVs				+1.8	+2.4	-4.4	+4.3	+47	+85	+112	+98	+0.29	+7.5	+17	+1.9	-4.6	+64	+5.7	-0.1	-0.4	+0.5	+2.0	+0.16	+6	+1	+1	-1	+117	+110	+123	+114				

Angus Australia - Research Breeding Values

Date: November 27, 2020

Page: 8

Ident	Name	Statistics																															
		Sire Dam	Reg.	Prog MBC	Prog MCH	Calv-Ease		Birth		Growth				Maternal			Fert		Carcase				Feed		Tmp		Structural			Selection Index			
						Dir	Dtrs	GL	BW	200	400	600	MCW	MBC	MCH	Milk	SS	DC	CW	EMA	Rib	P8	RBY	IMF	NFI-F	Doc	FA	FC	RA	ABI	DOM	GRN	GRS
NORK163 NORH106 NORE176	RENNYLEA K163^{PV} APR	2	2	+6.9	-7.0	-4.2	+1.6	+42	+77	+100	+56	+0.30	+4.5	+12	+0.5	-3.5	+63	+17.1	-1.4	-1.2	+2.6	+2.6	+0.24	+11	+24	+4	+14	\$140	\$128	\$151	\$134		
				72%	57%	98%	98%	97%	97%	97%	90%	62%	67%	91%	94%	69%	92%	92%	93%	91%	90%	91%	86%	88%	81%	83%	77%						
				18	97	52	5	80	79	78	98	43	96	85	95	72	53	1	86	71	2	23	61	30	1	46	2	12	6	17	8		
NORK178 NORH106 NORE535	RENNYLEA K178^{PV} APR	29	17	+2.6	-4.5	-10.2	+4.2	+46	+83	+114	+91	+0.34	+8.4	+24	+0.8	-5.3	+68	+15.8	+0.5	+0.3	+2.6	+0.7	-0.67	-9	+26	+17	+11	\$131	\$119	\$128	\$131		
				73%	56%	98%	97%	96%	96%	97%	92%	73%	83%	89%	95%	67%	92%	92%	93%	91%	91%	90%	87%	96%	84%	85%	80%						
				48	93	1	48	60	59	46	64	25	29	5	91	38	33	1	28	29	2	91	1	91	1	10	4	23	22	44	12		
NORK521 USA16198796 NORE325	RENNYLEA K521^{SV} HBR	11	7	+3.1	+3.7	-4.0	+2.5	+43	+83	+113	+85	+0.30	+6.7	+25	+1.4	-2.8	+61	+9.8	+1.2	+1.5	+0.6	+1.1	+0.34	-7	-8	-	-	\$115	\$109	\$108	\$120		
				61%	50%	86%	93%	89%	88%	88%	85%	64%	76%	78%	88%	56%	78%	78%	80%	79%	76%	75%	66%	88%	27%	-	-						
				44	41	56	13	76	61	48	74	43	67	2	72	82	62	5	13	8	45	80	73	87	81	-	-	55	54	71	34		
NORK835 NORG420 NORH514	RENNYLEA K835^{PV} APR	7	7	-0.8	-1.9	-2.3	+6.1	+50	+90	+119	+97	+0.37	+6.2	+16	+3.1	-5.3	+62	+7.3	+0.9	-0.9	-0.2	+4.1	-0.12	-2	+4	+3	-36	\$138	\$117	\$166	\$124		
				66%	49%	98%	95%	94%	94%	94%	86%	59%	75%	78%	86%	60%	87%	86%	89%	86%	86%	86%	79%	90%	83%	82%	75%						
				71	84	82	87	35	34	34	52	15	77	53	8	38	57	22	19	63	79	2	17	75	47	50	99	14	28	7	25		
NORK907 USA16198796 NORE534	RENNYLEA K907^{PV} APR	17	6	+7.2	+12.4	-6.4	+2.9	+59	+116	+152	+116	+0.26	+7.2	+26	+0.0	-5.7	+95	+9.4	+0.5	-0.1	-0.4	+3.3	+0.71	+4	-5	-8	+0	\$173	\$144	\$198	\$162		
				68%	53%	97%	96%	93%	94%	94%	90%	68%	72%	85%	92%	59%	82%	84%	85%	84%	81%	83%	72%	91%	68%	66%	52%						
				16	1	18	19	4	1	1	18	63	56	2	99	30	1	6	28	40	85	9	97	56	77	75	52	1	1	1	1		
NORL319 NORH106 NORE372	RENNYLEA L319^{PV} APR	4	4	+2.3	+0.4	-1.7	+2.6	+47	+91	+126	+112	+0.38	+7.8	+20	+2.0	-4.3	+74	+6.8	-0.6	+0.0	-1.3	+5.0	+0.17	-11	+10	-5	+7	\$147	\$118	\$182	\$130		
				60%	48%	97%	94%	94%	92%	93%	84%	59%	69%	77%	86%	57%	79%	80%	83%	80%	78%	79%	66%	88%	57%	58%	50%						
				50	70	88	14	53	32	18	24	13	43	18	43	57	16	29	65	37	97	1	51	94	20	69	15	6	25	2	13		
NORL519 USA17366506 NORH414	RENNYLEA L519^{PV} HBR	4	4	+5.0	+5.2	-7.8	+4.6	+55	+102	+136	+133	+0.40	+7.7	+24	+0.7	-7.0	+74	+7.5	+1.5	+2.2	-1.4	+4.5	+0.89	+30	+15	+27	-2	\$164	\$131	\$197	\$146		
				72%	55%	99%	98%	97%	97%	97%	87%	59%	71%	79%	96%	58%	83%	86%	86%	85%	81%	84%	71%	97%	88%	89%	84%						
				30	28	7	58	12	7	8	5	9	46	5	93	13	15	19	9	4	98	1	99	3	8	1	64	1	3	1	1		
NORL621 USA17366506 NORH186	RENNYLEA L621^{PV} APR	2	1	-1.7	+3.1	-3.4	+5.8	+51	+98	+128	+131	+0.43	+6.1	+15	+0.7	-8.2	+74	+5.8	+0.4	+0.3	-1.2	+4.1	+0.13	-2	-23	+10	-25	\$148	\$120	\$182	\$130		
				57%	46%	78%	91%	88%	88%	88%	82%	56%	60%	74%	86%	55%	78%	77%	80%	78%	76%	76%	65%	86%	54%	47%	42%						
				75	47	66	83	28	13	15	6	5	79	61	93	4	14	45	31	29	97	2	46	76	96	30	99	5	20	2	13		
NORL683 NORE11 NORJ631	RENNYLEA L683^{PV} APR	5	2	+3.2	+1.4	-5.5	+5.2	+55	+94	+124	+115	+0.38	+4.5	+15	+2.5	-9.5	+83	+6.1	+0.7	-0.9	+0.3	+2.4	+0.80	+5	+4	+13	-4	\$144	\$124	\$163	\$133		
				64%	51%	97%	97%	94%	95%	95%	86%	61%	65%	77%	93%	61%	88%	87%	86%	87%	85%	86%	83%	93%	80%	79%	70%						
				43	62	30	72	11	21	21	20	13	96	67	22	1	3	40	23	63	59	29	98	52	47	20	72	8	12	9	9		
NORL824 USA17031465 NORE176	RENNYLEA L824^{PV} APR	9	1	+12.1	+1.8	-1.6	-0.1	+45	+91	+102	+57	+0.30	+4.8	+17	+3.5	-6.2	+57	+16.2	-0.5	-2.3	+2.1	+3.5	+1.44	+15	-6	-12	-7	\$157	\$146	\$179	\$143		
				60%	46%	92%	93%	89%	88%	89%	86%	59%	61%	79%	87%	54%	79%	78%	81%	79%	77%	77%	65%	86%	51%	48%	42%						
				2	58	89	1	65	31	74	98	43	94	43	4	23	78	1	61	91	4	7	99	20	78	80	80	2	1	3	2		
USA15142281 USA13395344 USA12716656	RITO REVENUE 5M2 OF 2536 HBR	2	2	-4.3	+9.0	-5.3	+4.0	+48	+82	+101	+65	+0.34	+6.7	+23	+0.5	-4.0	+65	+9.9	+1.8	+2.5	-1.4	+4.3	+0.30	-10	-9	-8	-	\$121	\$110	\$135	\$114		
				74%	63%	97%	96%	94%	94%	94%	91%	58%	60%	91%	93%	70%	89%	88%	89%	87%	86%	87%	78%	74%	32%	28%	-						
				87	5	33	43	49	64	77	95	25	68	6	95	63	44	4	6	3	98	2	69	92	83	75	-	43	51	34	51		
AWWL2 VTME343 AHWJ164	ROGIALYNPLATINUM HBR	1	6	+5.5	+6.1	-6.2	+4.7	+42	+80	+108	+91	+0.37	+7.9	+16	+2.4	-6.9	+55	+5.0	+1.6	+0.4	+0.0	+2.6	+0.43	-7	+11	+25	+10	\$133	\$116	\$148	\$124		
				69%	51%	86%	88%	84%	84%	83%	79%	54%	66%	71%	76%	58%	76%	75%	79%	76%	76%	75%	66%	75%	56%	65%	55%						
				27	21	21	60	79	72	60	63	15	41	53	26	14	83	60	8	27	72	23	82	87	17	1	8	20	31	20	25		
USA5175 USA598 USA1002	S A F 598 BANDO 5175[#] HBR	14	2	-9.1	+1.0	-3.0	+6.0	+57	+90	+124	+99	+0.21	+9.6	+19	+2.6	-5.3	+69	+2.5	-0.3	-0.4	+0.9	+1.1	+0.03	-11	+10	+7	-3	\$104	\$97	\$101	\$105		
				93%	87%	98%	98%	98%	98%	98%	98%	74%	77%	98%	98%	91%	96%	96%	96%	96%	95%	95%	91%	93%	55%	52%	42%						
				97	65	73	86	8	32	23	47	83	11	30	19	38	28	93	54	49	31	80	33	93	22	38	69	75	85	78	73		
Breed Average EBVs				+1.8	+2.4	-4.4	+4.3	+47	+85	+112	+98	+0.29	+7.5	+17	+1.9	-4.6	+64	+5.7	-0.1	-0.4	+0.5	+2.0	+0.16	+6	+1	+1	-1	+117	+110	+123	+114		

Angus Australia - Research Breeding Values

Date: November 27, 2020

Page: 9

Ident	Name	Statistics		Calv-Ease		Birth		Growth				Maternal			Fert		Carcase					Feed Tmp		Structural			Selection Index				
		Prog MBC	Prog MCH																												
Sire Dam	Reg.			Dir	Dtrs	GL	BW	200	400	600	MCW	MBC	MCH	Milk	SS	DC	CW	EMA	Rib	P8	RBY	IMF	NFI-F	Doc	FA	FC	RA	ABI	DOM	GRN	GRS
USA3107	S A F FAME #			+1.8	+9.4	-4.3	+3.3	+43	+72	+85	+102	+0.20	+9.7	+2	+2.2	-7.8	+49	+2.3	-1.1	-2.5	+2.0	+1.0	-0.33	-14	-4	+12	+1	\$104	\$110	\$107	\$99
USA691 USA1027	HBR	1	1	93%	86%	98%	98%	97%	97%	98%	96%	55%	52%	98%	96%	91%	95%	93%	94%	93%	92%	92%	83%	69%	50%	60%	38%				
				54	4	50	27	78	90	96	41	85	10	99	33	6	93	94	79	93	5	83	5	96	73	23	48	75	51	72	84
USA6163	S A F FOCUS OF ER #			+7.3	+9.4	-2.1	+2.5	+45	+80	+105	+93	+0.18	+9.3	+15	+0.7	-10.1	+53	+1.2	-0.9	-3.3	+1.9	+1.5	-0.04	-11	-21	-17	-9	\$134	\$123	\$148	\$124
USA3107 USA11781043	HBR	35	1	95%	89%	99%	99%	98%	98%	98%	98%	82%	75%	98%	98%	95%	97%	97%	97%	97%	96%	96%	92%	93%	92%	92%	84%				
				16	4	84	13	65	71	69	58	90	14	62	93	1	87	98	74	98	6	64	25	93	94	89	84	19	13	20	25
USA13512009	S A V 8180 TRAVELER 004 #			+4.9	-6.0	-3.8	+5.5	+51	+88	+113	+101	+0.34	+7.7	+15	+1.8	-5.6	+60	+3.7	+1.0	+0.1	+0.8	+0.1	+0.02	-7	+8	+2	-	\$102	\$104	\$90	\$107
USA8180 USA8003	HBR	5	1	94%	88%	98%	98%	97%	97%	98%	97%	59%	66%	97%	96%	82%	95%	94%	95%	94%	93%	93%	86%	88%	34%	33%	-				
				31	96	59	78	32	41	47	43	25	46	63	53	32	67	82	17	34	35	99	31	87	28	53	-	78	70	87	69
USA0035	S A V FINAL ANSWER 0035 #			+11.8	+8.0	-8.1	+0.9	+45	+74	+100	+81	+0.23	+4.8	+10	+1.9	-4.8	+50	+4.0	+1.3	-1.4	+0.8	+1.9	+0.44	-3	-	-	-	\$116	\$111	\$120	\$113
USA8180 USA8145	HBR	20	8	91%	80%	98%	98%	98%	98%	98%	97%	65%	75%	98%	97%	83%	95%	94%	95%	94%	93%	94%	88%	93%	-	-	-				
				2	9	6	2	65	86	79	81	76	94	95	48	47	91	77	12	76	35	47	83	79	-	-	-	53	47	55	54
USA14739204	S A V NET WORTH 4200 #			+3.4	-4.0	-2.1	+5.9	+51	+87	+117	+112	+0.28	+8.4	+21	+1.8	-3.8	+64	+6.6	-0.8	-1.9	+1.8	+0.6	+0.12	-21	-8	-12	+0	\$106	\$105	\$102	\$108
USA13512009 USA14140883	HBR	21	16	93%	86%	99%	99%	98%	98%	98%	98%	70%	84%	98%	98%	84%	97%	96%	96%	96%	95%	95%	90%	96%	62%	54%	49%				
				42	92	84	85	32	46	38	24	53	30	14	53	67	49	32	71	86	7	93	44	99	81	80	53	72	67	77	67
USA16396499	S A V THUNDERBIRD 9061 SV			+7.9	+0.0	-6.8	+2.6	+59	+100	+127	+103	+0.37	+3.3	+12	+1.2	-2.7	+67	+2.8	-0.1	-2.0	+1.1	+0.5	-0.24	+4	-18	-53	+3	\$111	\$116	\$102	\$117
USA0035 USA15688293	HBR	28	18	94%	83%	99%	99%	98%	98%	98%	98%	70%	87%	98%	98%	77%	95%	94%	95%	94%	93%	93%	84%	98%	91%	92%	85%				
				13	72	14	14	5	10	17	38	15	99	84	80	84	37	91	47	87	23	94	9	57	92	99	36	63	31	77	43
USA14	SCOTCH CAP #			-13.3	-2.9	-1.3	+6.5	+36	+69	+83	+96	+0.17	+9.6	+4	+0.3	-2.5	+48	+5.9	-0.6	-1.1	+1.7	+1.9	-0.54	-9	+10	+16	+9	\$75	\$84	\$79	\$73
USA8974207 USA9538351	HBR	1	40	98%	96%	99%	99%	99%	99%	99%	99%	80%	94%	99%	99%	98%	98%	98%	98%	98%	98%	97%	90%	65%	69%	42%					
				99	88	91	92	96	94	97	52	91	11	99	97	86	94	44	65	69	8	47	2	90	19	13	10	97	97	93	99
USA16262077	SILVEIRAS CONVERSION 8064 #			-23.1	-23.7	-2.1	+8.6	+65	+108	+132	+121	+0.45	+7.2	+19	+3.4	-3.7	+82	+12.0	-1.8	+0.4	+2.0	+1.7	-0.48	-26	-24	-46	-19	\$90	\$89	\$89	\$90
USA758N USA15368244	HBR	25	1	89%	80%	99%	98%	98%	98%	98%	97%	65%	51%	97%	98%	76%	95%	94%	95%	94%	93%	93%	85%	96%	80%	79%	67%				
				99	99	84	99	1	3	11	12	4	57	28	5	68	4	1	92	27	5	56	2	99	96	99	97	90	94	87	93
USA14963730	SITZ UPWARD 307R SV			-2.3	-0.2	-4.1	+4.0	+60	+107	+130	+100	+0.33	+8.0	+26	+2.0	-2.3	+80	+8.3	-0.8	-3.2	+2.9	+0.5	-0.03	-18	+12	+12	+8	\$116	\$123	\$111	\$120
USA14216491 USA14087650	HBR	15	4	92%	83%	99%	99%	98%	98%	98%	98%	68%	84%	98%	98%	83%	96%	96%	96%	96%	95%	95%	90%	97%	82%	88%	77%				
				78	74	54	43	4	3	13	45	29	37	2	43	88	6	12	71	97	1	94	26	99	15	22	11	53	13	67	34
SPLJ231	STERITA PARK BLACK JACK J231			+0.7	+1.0	-0.8	+4.8	+56	+103	+133	+80	+0.20	+6.0	+29	+0.7	-4.9	+68	+9.9	-0.6	-1.5	+2.1	+1.1	-0.27	-1	-1	-1	+3	\$140	\$130	\$142	\$139
USA15491633 USA14682938	HBR	9	7	72%	56%	97%	97%	96%	95%	96%	93%	55%	71%	89%	94%	55%	85%	86%	87%	85%	82%	84%	68%	94%	74%	79%	58%				
				61	65	94	63	9	7	10	82	85	81	1	93	45	35	4	65	79	4	80	8	73	64	61	39	12	4	26	4
USA0B45	SUMMITCREST SCOTCH CAP			+3.8	+5.8	-3.2	+4.3	+32	+58	+69	+32	+0.06	+9.5	+12	+2.5	-4.1	+38	+4.1	+0.3	+3.3	+0.2	+3.2	+0.39	-13	+6	+12	-7	\$110	\$109	\$116	\$105
USA14 USAOT09	HBR	31	10	96%	92%	99%	99%	99%	99%	99%	98%	83%	87%	99%	98%	97%	98%	97%	98%	97%	97%	94%	89%	89%	72%						
				39	23	69	50	99	99	99	99	99	12	86	22	61	99	76	34	1	64	11	79	96	36	23	80	65	54	61	73
USA17236055	SYDGEN BLACK PEARL 2006 PV			+5.3	+10.8	-7.6	+3.2	+51	+87	+122	+87	+0.23	+8.3	+23	+1.6	-3.6	+80	+8.6	+1.0	-0.8	+0.7	+1.9	+0.62	+0	-21	-15	-9	\$131	\$118	\$135	\$130
USA15354674 USA16214508	HBR	33	42	93%	77%	99%	99%	99%	99%	99%	98%	71%	91%	98%	98%	82%	96%	95%	95%	95%	94%	94%	86%	98%	96%	96%	94%				
				28	2	8	25	28	44	26	70	76	31	7	63	70	6	10	17	61	40	47	94	68	95	85	84	23	25	34	13
USA15354674	SYDGEN TRUST 6228 #			+2.3	+11.4	-7.0	+3.0	+54	+83	+118	+100	+0.33	+7.7	+14	+0.1	-2.6	+72	+7.8	-0.1	-1.5	+0.6	+1.1	-0.33	-11	-10	-30	-14	\$109	\$105	\$103	\$114
USA14851313 USA14682938	HBR	41	18	95%	84%	99%	99%	99%	99%	99%	98%	79%	87%	98%	98%	86%	97%	96%	97%	96%	96%	96%	92%	97%	93%	93%	87%				
				50	1	12	21	18	60	35	45	29	45	74	98	85	21	16	47	79	45	80	5	93	85	99	93	67	67	76	51
Breed Average EBVs				+1.8	+2.4	-4.4	+4.3	+47	+85	+112	+98	+0.29	+7.5	+17	+1.9	-4.6	+64	+5.7	-0.1	-0.4	+0.5	+2.0	+0.16	+6	+1	+1	-1	+117	+110	+123	+114

Angus Australia - Research Breeding Values

Date: November 27, 2020

Page: 10

Ident	Name	Statistics																															
		Sire Dam	Reg.	Prog MBC	Prog MCH	Calv-Ease		Birth		Growth				Maternal			Fert		Carcase					Feed	Tmp	Structural			Selection Index				
						Dir	Dtrs	GL	BW	200	400	600	MCW	MBC	MCH	Milk	SS	DC	CW	EMA	Rib	P8	RBV	IMF	NFI-F	Doc	FA	FC	RA	ABI	DOM	GRN	GRS
USA15462648	TC FRANKLIN 619 #					+5.1	+10.0	-3.5	+1.7	+49	+86	+109	+102	+0.42	+8.3	+11	+1.0	-3.0	+52	+2.0	-2.5	-1.7	-0.7	+2.0	-0.48	+6	-7	+13	-17	\$103	\$105	\$105	\$103
USA14844711	HBR	28	2	92%	80%	99%	99%	98%	98%	98%	98%	98%	74%	70%	98%	98%	79%	96%	95%	95%	95%	94%	94%	88%	93%	65%	65%	50%					
USA13963170				30	3	65	6	41	47	59	40		6	31	91	86	80	89	96	98	83	91	43	2	49	79	19	96	77	67	74	77	
USA2164	TC STOCKMAN 2164 #					-21.7	-6.1	+0.1	+7.7	+49	+82	+104	+108	+0.34	+8.7	+12	+2.2	-1.3	+61	+5.1	+0.0	+2.6	+0.4	+0.0	+0.25	+9	-8	-17	-15	\$43	\$59	\$17	\$56
USA706674	HBR	31	22	97%	94%	99%	99%	99%	99%	99%	99%	99%	75%	87%	99%	98%	97%	98%	98%	98%	98%	97%	97%	95%	94%	65%	64%	52%					
USA10636593				99	96	97	98	39	65	70	30		25	24	88	33	95	63	58	44	3	54	99	62	39	82	87	94	99	99	99	99	
USA365	TC STOCKMAN 365 #					-2.0	+8.8	-1.4	+6.3	+40	+67	+89	+77	+0.13	+9.7	+15	+2.2	-2.5	+59	+4.1	-3.8	-4.9	+2.2	+0.6	-0.30	+17	-7	+2	+3	\$77	\$89	\$71	\$81
USA706674	HBR	11	21	98%	96%	99%	99%	99%	99%	99%	99%	99%	73%	88%	99%	99%	97%	98%	98%	98%	98%	98%	98%	95%	90%	57%	57%	40%					
USA0014				77	6	90	90	88	96	93	86		96	10	64	33	86	70	76	99	99	3	93	6	15	80	53	35	97	94	96	97	
USA14844711	TC TOTAL 410 #					-14.6	+1.9	-4.2	+5.2	+62	+102	+131	+162	+0.33	+10.1	+13	+2.1	-2.7	+67	+7.2	-2.1	-3.1	+1.1	+2.4	-0.54	+38	+26	+13	-1	\$98	\$95	\$111	\$93
USA208	HBR	20	3	93%	83%	99%	99%	98%	98%	98%	98%		75%	78%	98%	98%	85%	96%	95%	96%	96%	95%	89%	95%	86%	86%	77%						
USA14270867				99	58	52	72	2	8	12	1		29	7	78	38	84	37	23	95	97	23	29	2	1	1	19	60	83	88	67	90	
NZE16932011	TE MANIA 11 465 ^{SV}					-1.8	-8.2	-4.6	+4.5	+43	+77	+104	+100	+0.35	+7.3	+16	+1.5	-7.0	+70	+6.3	+2.1	+1.6	-1.4	+4.2	+0.85	+5	-16	-6	-7	\$122	\$101	\$147	\$109
BNAD145	HBR	5	3	80%	68%	98%	98%	96%	97%	97%	95%		55%	61%	93%	96%	65%	88%	89%	89%	88%	85%	87%	74%	87%	73%	75%	61%					
NZE16932103116				76	99	45	55	77	80	70	45		21	54	53	67	13	27	37	4	8	98	2	99	53	91	71	81	41	78	21	64	
VTMA217	TE MANIA AFRICA A217 ^{PV}					+4.9	+4.6	-4.8	+3.8	+41	+80	+106	+81	+0.28	+8.0	+26	+3.5	-6.4	+27	+7.6	-1.8	+0.1	+0.5	+4.0	-0.18	+31	-1	+8	-7	\$146	\$124	\$174	\$130
VTMU41	HBR	148	3	97%	93%	99%	99%	99%	99%	99%	99%		92%	87%	99%	99%	95%	98%	98%	98%	98%	98%	98%	95%	99%	97%	97%	95%					
VTMY32				31	33	42	38	85	70	65	80		53	38	2	4	20	99	18	92	34	50	3	12	2	65	33	80	6	12	4	13	
VTMB1	TE MANIA BERKLEY B1 ^{PV}					+12.5	+11.2	-9.9	+3.3	+50	+92	+120	+137	+0.52	+10.5	+9	+2.0	-10.7	+76	+4.2	+1.6	-0.2	-1.2	+3.4	+0.40	-9	-16	-31	-13	\$151	\$125	\$181	\$133
VTMY437	HBR	337	38	98%	94%	99%	99%	99%	99%	99%	99%		95%	94%	99%	99%	96%	98%	98%	98%	98%	98%	98%	96%	99%	98%	98%	97%					
VTMZ53				1	1	2	27	33	28	30	4		1	5	98	43	1	10	74	8	48	93	97	8	79	91	91	99	4	10	2	9	
VTME343	TE MANIA EMPEROR E343 ^{PV}					+4.8	+6.0	-6.8	+5.2	+52	+96	+127	+125	+0.38	+7.8	+12	+2.0	-7.0	+65	+4.0	+1.5	-0.1	-0.2	+2.4	+0.19	+4	+5	-2	-2	\$140	\$122	\$158	\$131
VTMB1	HBR	190	58	97%	91%	99%	99%	99%	99%	99%	99%		92%	93%	99%	99%	92%	98%	98%	98%	98%	97%	97%	95%	99%	98%	98%	97%					
VTMZ74				32	22	14	72	26	18	17	10		13	42	87	43	13	43	77	9	40	79	29	54	56	42	62	64	12	15	12	12	
VTMG67	TE MANIA GARTH G67 ^{PV}					+5.1	+6.2	-8.4	+3.1	+49	+86	+112	+84	+0.43	+6.0	+34	+3.6	-12.0	+38	+8.1	+2.2	+1.9	-0.4	+3.4	+0.43	+46	-40	-13	-47	\$156	\$128	\$178	\$141
VTMA217	HBR	25	16	94%	84%	99%	99%	98%	99%	99%	98%		71%	78%	98%	98%	87%	97%	95%	96%	97%	95%	96%	91%	99%	98%	98%	97%					
VTME28				30	20	5	23	42	49	49	76		5	81	1	3	1	99	13	4	5	85	8	82	1	99	82	99	2	6	3	3	
VTMG555	TE MANIA GASKIN G555 ^{SV}					+1.1	-21.5	-3.8	+3.2	+47	+79	+118	+102	+0.47	+9.3	+20	-1.5	-1.1	+82	+4.5	-1.2	-1.3	-0.8	+4.1	-0.37	+15	+16	+13	+17	\$103	\$86	\$123	\$96
BNAD145	HBR	24	5	88%	79%	99%	99%	98%	98%	98%	97%		74%	73%	97%	98%	79%	97%	93%	94%	96%	91%	93%	85%	98%	96%	96%	90%					
VTMD66				58	99	59	25	57	74	35	41		2	15	21	99	95	4	69	81	74	93	2	4	20	6	21	1	77	96	51	87	
NZE04379	TE MANIA INFINITY 04 379 AB #					+0.0	-7.1	-4.3	+2.4	+36	+74	+90	+79	+0.54	+6.7	+10	+2.9	-4.7	+46	+2.0	-1.9	+0.0	-1.2	+3.0	+0.99	+12	+13	+16	+12	\$94	\$94	\$104	\$89
VTMU3271	HBR	102	11	98%	96%	99%	99%	99%	99%	99%	99%		89%	88%	99%	99%	96%	98%	98%	98%	98%	98%	98%	97%	99%	90%	92%	84%					
NZE95102				66	98	50	12	96	87	92	83		1	69	93	12	49	96	96	93	37	97	14	99	30	12	13	3	87	90	75	94	
VTMJ618	TE MANIA JASHAWN J618 ^{PV}					+8.8	-1.8	-5.3	+5.3	+54	+93	+121	+109	+0.48	+9.6	+11	+1.3	-5.5	+71	+8.6	+2.5	+2.0	-2.0	+4.3	+0.57	-2	+22	+11	+6	\$141	\$118	\$165	\$129
VTMB1	HBR	18	4	68%	57%	97%	95%	93%	93%	94%	91%		71%	68%	88%	92%	62%	82%	83%	84%	83%	80%	81%	70%	91%	73%	75%	65%					
VTME493				9	83	33	74	17	26	29	28		2	11	90	76	34	24	10	3	5	99	2	92	74	1	26	19	11	25	8	15	
VTMJ131	TE MANIA JEROME J131 ^{PV}					+14.1	+5.7	-6.9	+0.7	+42	+71	+99	+71	+0.31	+7.0	+21	+1.5	-11.3	+69	+5.9	+1.3	-2.5	-0.3	+3.8	+0.20	-12	-27	-2	-18	\$141	\$115	\$169	\$124
VTMB1	HBR	23	23	82%	70%	98%	97%	96%	97%	96%	95%		69%	84%	94%	94%	75%	94%	90%	91%	93%	88%	91%	79%	96%	92%	92%	87%					
VTMG694				1	24	13	2	80	92	80	91		38	61	15	67	1	30	44	12	93	82	4	56	94	98	64	96	11	34	6	25	
Breed Average EBVs					+1.8	+2.4	-4.4	+4.3	+47	+85	+112	+98	+0.29	+7.5	+17	+1.9	-4.6	+64	+5.7	-0.1	-0.4	+0.5	+2.0	+0.16	+6	+1	+1	-1	+117	+110	+123	+114	

Angus Australia - Research Breeding Values

Date: November 27, 2020

Page: 11

Ident	Name	Statistics		Detailed Statistics																															
		Sire Dam	Reg.	Prog MBC	Prog MCH	Calv-Ease		Birth		Growth				Maternal			Fert		Carcase						Feed		Tmp		Structural			Selection Index			
						Dir	Dtrs	GL	BW	200	400	600	MCW	MBC	MCH	Milk	SS	DC	CW	EMA	Rib	P8	RBY	IMF	NFI-F	Doc	FA	FC	RA	ABI	DOM	GRN	GRS		
VTMK202 VTMG67 VTMF691	TE MANIA KANTI KI K202 ^{SV} HBR	8	8	+6.6	+2.5	-9.9	+3.7	+51	+99	+124	+122	+0.52	+7.1	+24	+4.2	-8.6	+66	+6.5	-0.3	-0.2	+0.4	+3.5	+0.29	+29	-8	-3	-13	\$155	\$133	\$185	\$139				
VTMK354 VTME343 VTMD120	TE MANIA KATOOMBA K354 ^{PV} HBR	3	3	+11.0	+5.2	-6.2	+2.6	+50	+102	+129	+90	+0.27	+6.9	+31	+4.0	-6.0	+58	+10.5	+0.0	-0.7	+1.9	+1.6	+0.50	-5	-32	-23	-15	\$151	\$138	\$160	\$146				
VTMK138 USA16295688 VTMH17	TE MANIA KIRBY K138 ^{PV} HBR	7	7	+3.8	+8.5	-1.9	+4.2	+53	+94	+119	+97	+0.38	+6.1	+24	+1.9	-9.5	+68	+5.5	+0.9	+2.8	-2.4	+6.5	+1.08	-6	+25	+13	+10	\$173	\$136	\$221	\$147				
VTMK441 VTMF327 VTMZ412	TE MANIA KOKODA K441 ^{PV} HBR	8	8	-0.6	-4.4	-8.2	+4.7	+47	+88	+112	+101	+0.16	+7.2	+21	+1.4	-7.3	+58	+8.4	-0.4	-1.9	+1.3	+2.2	-0.14	+28	+20	-1	+2	\$127	\$116	\$142	\$118				
VTMS155 NZE116191 VTMN69+93	TE MANIA SHEEN S155 # HBR	28	41	+4.3	+0.0	-6.2	+2.6	+36	+72	+85	+109	+0.41	+11.3	+8	+2.7	-6.2	+54	-1.5	+0.6	+0.8	-0.8	+1.7	+0.10	+8	-7	+8	-2	\$87	\$93	\$88	\$85				
VTMU3271 USA036 VTMR426+96	TE MANIA UNLIMITED U3271 # HBR	130	4	+1.0	-5.5	-0.4	+3.1	+29	+62	+81	+57	+0.24	+9.5	+17	+2.7	-4.4	+26	+2.6	+0.2	+0.7	-0.6	+3.4	+1.10	+9	+25	+27	+11	\$99	\$93	\$112	\$92				
BNAD145 VTMA134 VLYY5	TUWHARETOA REGENT D145 ^{PV} HBR	206	36	-5.0	-16.8	-2.5	+6.1	+50	+84	+119	+113	+0.46	+7.6	+16	+1.4	-7.9	+89	+8.9	-0.3	-1.2	+0.9	+4.2	+0.24	-6	+15	+7	+13	\$140	\$110	\$175	\$121				
USA17171587 USA16447771 USA16143141	V A R GENERATION 2100 ^{PV} HBR	35	35	+1.7	+3.9	-4.2	+4.7	+57	+100	+120	+100	+0.42	+6.2	+11	+2.5	-1.8	+71	+11.6	-0.7	-2.1	+3.1	+1.6	+0.07	+36	-32	-42	-16	\$135	\$136	\$141	\$133				
USA16916944 USA14675445 USA16143141	V A R RESERVE 1111 ^{PV} HBR	30	38	+10.6	+3.4	-4.1	+2.7	+45	+83	+109	+96	+0.36	+6.5	+16	+1.2	-0.8	+56	+8.6	-1.3	-1.9	+1.8	+1.7	+0.44	+25	+0	+7	-6	\$114	\$114	\$117	\$114				
USA7078 USA12015519 USA5044	VERMILION DATELINE 7078 # HBR	18	5	-14.6	-1.1	-4.7	+7.5	+52	+93	+123	+134	+0.37	+8.4	+10	+2.0	-5.7	+71	+7.2	-3.4	-2.8	+3.9	+0.1	-0.52	+14	+19	+10	+17	\$106	\$103	\$109	\$104				
CCVD057 USA24J CCVX55	VERMONT DRAMBUIE D057 ^{PV} HBR	27	2	+2.5	+1.6	-5.2	+4.9	+49	+85	+108	+85	+0.27	+4.4	+13	+2.9	-4.5	+64	+10.5	+1.0	+1.7	+1.2	+1.4	-0.58	-5	-19	+5	+6	\$125	\$119	\$123	\$125				
NWPL78 BNAD145 NWPF40	WATTLETOP REGENT L78 ^{PV} HBR	1	1	-1.7	-10.1	-7.3	+5.8	+48	+87	+118	+117	+0.42	+8.0	+18	+3.5	-6.5	+74	+5.2	-2.0	-1.6	+1.3	+3.2	+0.55	-5	-	-	-	\$131	\$112	\$158	\$117				
Breed Average EBVs				+1.8	+2.4	-4.4	+4.3	+47	+85	+112	+98	+0.29	+7.5	+17	+1.9	-4.6	+64	+5.7	-0.1	-0.4	+0.5	+2.0	+0.16	+6	+1	+1	-1	+117	+110	+123	+114				

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