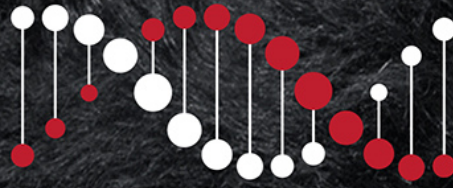


# TACE



TransTasman Angus Cattle Evaluation

## BREEDING BETTER BREEDERS

### RESEARCH BREEDING VALUES

MATURE COW BODY CONDITION

MATURE COW HEIGHT

DECEMBER 2022

---

## 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 28, 2022

Page: 1

Ident	Name	Statistics		Calv-Ease		Birth		Growth				Maternal			Fert		Carcase						Feed	Temp	Structural			Selection Index	
		Sire Dam	Reg.	Prog MBC	Prog MCH	Dir	Dtrs	GL	BW	200	400	600	MCW	MBC	MCH	Milk	SS	DC	CW	EMA	Rib	P8	RBV	IMF	NFI-F	Doc	Claw	Angle	Leg
<b>USA17448751</b> USA15719841 USA16582439	<b>44 ENVISION <sup>PV</sup></b> HBR	6	17	+8.3	+6.1	-6.8	-0.3	+51	+84	+107	+50	+0.22	+1.8	+26	+0.7	-3.9	+62	+7.5	+1.3	+1.8	-0.2	+2.3	-0.21	+51	+1.40	+1.12	+0.82	\$236	\$355
<b>DGJG10</b> VTMB1 DGJZ15	<b>ALLOURA GET CRACKING G10 <sup>SV</sup></b> HBR	3	11	+9.6	+8.7	-3.5	+2.5	+43	+75	+87	+75	+0.35	+8.1	+13	-0.2	-8.0	+48	+16.7	+1.5	-0.3	+1.0	+5.5	+0.44	+1	+0.46	+1.02	+0.92	\$282	\$436
<b>WJMF96</b> WJMB59 WJMD25	<b>ARDCAIRNIE F96 <sup>SV</sup></b> HBR	22	22	+6.3	+4.2	-4.9	+3.0	+50	+91	+123	+94	+0.42	+6.0	+17	+1.9	-4.8	+69	+8.0	-1.5	-1.0	+1.1	+0.5	-0.42	+10	+0.52	+0.84	+0.88	\$214	\$363
<b>WJMJ27</b> USA15354674 WJMG96	<b>ARDCAIRNIE J27 <sup>SV</sup></b> HBR	12	12	+7.8	+9.8	-8.7	+2.7	+57	+101	+142	+131	+0.36	+9.4	+11	+0.4	-4.7	+99	+2.2	+2.2	+1.1	-0.1	+0.9	+0.18	+1	+0.86	+1.06	+1.18	\$208	\$395
<b>NAQA241</b> USA2928 NAQW38	<b>ARDROSSAN EQUATOR A241 <sup>PV</sup></b> HBR	151	30	-1.1	+2.3	-4.9	+4.1	+50	+91	+121	+108	+0.23	+8.7	+20	+3.1	-7.1	+85	+8.8	-1.7	-0.6	+1.2	+1.2	+0.39	+26	+0.46	+0.86	+1.00	\$215	\$366
<b>NAQH255</b> NORE11 NAQD17	<b>ARDROSSAN HONOUR H255 <sup>PV</sup></b> HBR	64	48	-0.5	-1.1	-3.1	+4.6	+44	+74	+99	+89	+0.35	+7.0	+13	+2.1	-6.7	+60	+5.8	+1.0	-0.8	+0.4	+2.3	+0.82	+5	+0.46	+1.02	+1.24	\$182	\$307
<b>NAQJ93</b> NORE11 NAQF6	<b>ARDROSSAN JUSTICE J93 <sup>SV</sup></b> HBR	22	24	+6.2	-0.6	-2.5	+2.9	+38	+68	+88	+88	+0.33	+7.6	+15	+0.8	-3.4	+49	+5.6	+3.0	+1.3	-0.1	+3.2	+0.41	+24	+0.78	+1.16	+1.08	\$155	\$280
<b>NAQA60</b> USA2700 NDIW171	<b>ARDROSSAN MATERNAL</b> HBR	4	4	+3.7	+3.9	-2.3	+1.1	+26	+50	+58	+42	+0.34	+8.6	+17	-0.5	-5.8	+28	+3.2	+0.6	+1.4	+0.6	+1.0	-0.37	+35	+0.82	+0.66	+0.88	\$145	\$237
<b>HIOE7</b> VTMB219 BVVB32	<b>AYRVALE BARTEL E7 <sup>PV</sup></b> HBR	161	84	+10.3	+10.9	-5.1	+1.7	+49	+86	+112	+73	+0.27	+8.0	+26	+2.4	-8.1	+67	+8.4	-0.3	+1.1	+1.0	+3.6	+0.32	+3	+1.00	+0.98	+1.10	\$290	\$449
<b>HIOG18</b> VTMB1 HIOE3	<b>AYRVALE GENERAL G18 <sup>PV</sup></b> HBR	17	17	+10.0	+6.4	-8.3	+2.1	+52	+94	+126	+107	+0.53	+8.7	+17	+1.7	-9.0	+78	+12.8	+1.7	+0.3	+1.2	+1.9	+0.27	+2	+1.10	+1.00	+0.88	\$279	\$462
<b>HIOH9</b> HIOE7 VLYF338	<b>AYRVALE HERCULES H9 <sup>PV</sup></b> HBR	48	45	+5.4	+9.2	-8.4	+2.0	+48	+86	+115	+77	+0.30	+5.8	+27	+1.1	-5.6	+77	+12.4	+0.6	+0.5	+0.7	+3.3	+0.46	+29	+1.06	+0.98	+1.02	\$256	\$399
<b>NBBM38</b> HIOE7 NBBK77	<b>BALD BLAIR MARCO M38 <sup>PV</sup></b> APR	6	6	+10.8	+9.7	-7.8	-0.4	+47	+90	+129	+82	+0.17	+8.8	+28	+2.2	-6.2	+77	+6.4	+1.7	+4.8	+0.1	+2.5	-0.05	+16	+0.74	+0.88	+1.02	\$257	\$417
<b>NBBN112</b> HIOG18 NBBBC94	<b>BALD BLAIR NATHAN N112 <sup>SV</sup></b> HBR	5	5	+6.8	+8.1	-5.8	+3.2	+48	+93	+116	+84	+0.38	+8.0	+20	+1.0	-7.1	+77	+7.4	+1.3	+2.4	+0.0	+2.7	-0.05	+15	+1.00	+1.04	+0.96	\$254	\$413
<b>Breed Average EBVs</b>				<b>+1.9</b>	<b>+2.3</b>	<b>-4.6</b>	<b>+4.2</b>	<b>+49</b>	<b>+89</b>	<b>+116</b>	<b>+100</b>	<b>+0.29</b>	<b>+7.6</b>	<b>+17</b>	<b>+2.1</b>	<b>-4.6</b>	<b>+65</b>	<b>+6.2</b>	<b>-0.1</b>	<b>-0.4</b>	<b>+0.4</b>	<b>+2.0</b>	<b>+0.05</b>	<b>+20</b>	<b>+0.85</b>	<b>+0.98</b>	<b>+1.03</b>	<b>+191</b>	<b>+331</b>



# Angus Australia - Research Breeding Values

Date: November 28, 2022

Page: 3

Ident	Name	Statistics		Statistics																											
		Sire Dam	Reg.	Prog MBC	Prog MCH	Calv-Ease		Birth		Growth				Maternal			Fert		Carcase					Feed	Temp	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	Claw	Angle	Leg	\$A	\$A-L
<b>NGME124</b>	<b>BOOROOMOOKA INSPIRED E124</b>					-5.4	+0.4	-6.6	+3.7	+46	+82	+108	+99	+0.46	+7.5	+14	+0.9	-7.4	+77	+3.5	-0.3	+3.3	-0.5	+2.3	+0.59	+24	+0.82	+0.84	+0.78	\$183	\$313
NAQA241 NGMB325	HBR	84	26	96%	90%	99%	99%	98%	98%	98%	98%	89%	93%	98%	98%	82%	96%	95%	96%	96%	94%	95%	88%	98%	97%	97%	96%	96%	62	67	
<b>NGMN418</b>	<b>BOOROOMOOKA JACKPOT N418</b>					+2.5	+4.5	-8.7	+5.8	+62	+112	+141	+127	+0.45	+9.6	+14	+3.1	-7.3	+88	+11.3	+0.4	+0.9	+0.9	+1.7	+0.02	+28	+1.36	+1.06	+0.98	\$274	\$460
WWEL3 NGML471	HBR	4	4	73%	60%	94%	95%	94%	94%	93%	87%	58%	75%	74%	89%	52%	84%	83%	83%	76%	85%	75%	94%	90%	89%	84%	84%	1	1		
<b>NGMJ130</b>	<b>BOOROOMOOKA JUST A DASH</b>					+3.2	-5.2	-5.0	+3.9	+50	+91	+120	+93	+0.23	+5.0	+19	+1.1	-4.3	+77	+8.1	-3.6	-4.5	+1.2	+4.3	-0.40	-5	+0.84	+0.70	+0.94	\$224	\$354
BNAD145 NGMB99	HBR	10	10	76%	69%	94%	93%	91%	92%	92%	89%	70%	84%	84%	90%	62%	81%	79%	80%	80%	76%	79%	68%	91%	87%	87%	81%	19	36		
<b>NGMK9</b>	<b>BOOROOMOOKA KINGY K9<sup>PV</sup></b>					-5.6	-6.9	-2.2	+6.6	+49	+85	+122	+115	+0.51	+11.5	+19	+2.8	-7.5	+67	+8.6	+1.0	-0.3	+0.3	+4.4	+0.41	+13	+0.70	+0.90	+0.86	\$206	\$341
BNAD145 NGMA281	HBR	74	74	87%	78%	97%	98%	97%	97%	97%	96%	85%	95%	94%	95%	68	92%	90%	90%	88%	90%	82%	97%	95%	95%	90%	37	46			
<b>NGML195</b>	<b>BOOROOMOOKA LAS VEGAS</b>					+5.7	+6.9	-6.0	+2.2	+58	+103	+124	+79	+0.36	+5.9	+22	+1.6	-7.7	+81	+5.5	+1.5	+4.0	-0.3	+1.5	+0.21	+17	+0.80	+0.86	+0.86	\$279	\$438
USA16198796 NGMJ73	HBR	4	4	73%	62%	94%	94%	91%	92%	90%	85%	59%	74%	78%	88%	56%	78%	75%	76%	76%	72%	75%	63%	85%	78%	78%	71%	1	2		
<b>NGML173</b>	<b>BOOROOMOOKA LEROY L173<sup>SV</sup></b>					+0.9	+6.5	-5.6	+5.2	+58	+103	+130	+125	+0.53	+10.1	+7	+2.0	-4.5	+61	+0.0	-1.4	-1.9	-0.1	+2.5	+0.23	+18	+0.90	+0.90	+1.08	\$196	\$360
VTME343 NGME389	HBR	26	26	77%	68%	96%	95%	94%	94%	94%	92%	72%	89%	84%	91%	63%	89%	88%	84%	88%	83%	89%	81%	94%	93%	92%	87%	49	31		
<b>NGMM570</b>	<b>BOOROOMOOKA MARSCAY</b>					+8.3	+8.9	-10.2	-0.2	+60	+114	+148	+120	+0.39	+7.4	+23	+2.8	-5.8	+86	+2.2	-0.5	-1.8	-0.3	+3.0	-0.11	+24	+1.10	+0.82	+0.94	\$245	\$435
VTME343 NGMJ341	HBR	31	31	83%	71%	97%	96%	95%	95%	94%	93%	73%	90%	85%	89%	59%	83%	79%	81%	80%	76%	79%	67%	94%	92%	92%	81%	6	2		
<b>NGMN139</b>	<b>BOOROOMOOKA NICCONI N139</b>					+9.4	+10.2	-3.9	+1.1	+48	+93	+116	+99	+0.32	+9.0	+22	+3.5	-7.0	+61	+7.6	+1.5	+2.4	+0.4	+2.9	+0.35	+9	+1.02	+1.24	+1.16	\$251	\$428
HIOE7 NGML222	HBR	3	3	71%	62%	86%	91%	86%	87%	84%	82%	59%	72%	72%	79%	57%	75%	73%	75%	75%	70%	75%	64%	79%	83%	84%	76%	4	3		
<b>NGMW245</b>	<b>BOOROOMOOKA WARWICK</b>					-1.6	+2.1	-6.2	+5.1	+38	+69	+88	+93	+0.40	+7.8	+9	+0.8	-4.7	+43	+7.9	+0.5	-0.7	+1.2	-0.2	-0.51	+46	+0.74	+1.16	+1.02	\$134	\$252
NZE469 NGMU14	HBR	32	14	95%	88%	99%	99%	98%	98%	98%	97%	75%	83%	98%	98%	81%	95%	94%	95%	94%	93%	93%	83%	94%	89%	90%	85%	93	92		
<b>SRKJ310</b>	<b>BOWMONT JACKPOT J310<sup>PV</sup></b>					+2.9	-0.1	-3.0	+2.2	+44	+83	+108	+90	+0.29	+9.8	+22	+4.8	-6.7	+67	+5.4	+0.2	+0.3	+0.4	+1.5	-0.02	+12	+0.60	+1.24	+1.14	\$188	\$330
NAQA241 NAQZ31	HBR	19	26	88%	76%	97%	98%	97%	97%	97%	94%	68%	88%	95%	96%	75%	90%	88%	90%	89%	86%	88%	75%	95%	94%	94%	91%	57	55		
<b>NZE12170007</b>	<b>BRAVEHEART OF STERN<sup>SV</sup></b>					-0.7	-2.8	-5.8	+4.9	+37	+72	+101	+72	+0.19	+4.1	+16	+2.8	-3.4	+53	+10.9	+0.7	+1.8	+1.2	+0.1	+0.32	+26	+0.68	+0.86	+1.12	\$157	\$259
NZE12170004408 NZE121701033886	HBR	25	10	97%	92%	99%	99%	99%	99%	99%	98%	74%	78%	98%	98%	87%	97%	96%	96%	96%	95%	96%	89%	95%	91%	91%	85%	84	91		
<b>USA13898124</b>	<b>BR MIDLAND #</b>					+3.2	+3.6	-9.9	+3.7	+39	+66	+83	+73	+0.27	+10.6	+9	+1.0	-7.0	+47	+6.4	+1.8	+3.9	+0.1	+1.9	+0.16	+9	+0.96	+0.90	+1.26	\$195	\$323
USA12346200 USA13253905	HBR	23	4	95%	90%	98%	98%	98%	98%	98%	98%	82%	81%	98%	98%	88%	96%	95%	96%	96%	95%	95%	88%	95%	95%	95%	91%	49	61		
<b>USA14237157</b>	<b>BT EQUATOR 395M #</b>					-12.3	+4.5	-5.3	+5.0	+51	+94	+129	+125	+0.31	+10.6	+18	+1.5	-5.2	+80	+2.0	+0.1	-0.1	+0.2	+0.3	-0.70	+23	+0.70	+0.98	+1.16	\$130	\$254
USA2928 USA11279411	HBR	38	5	97%	92%	99%	99%	99%	99%	99%	98%	80%	75%	98%	98%	87%	97%	96%	97%	96%	96%	96%	90%	93%	90%	90%	84%	94	92		
<b>Breed Average EBVs</b>				<b>+1.9</b>	<b>+2.3</b>	<b>-4.6</b>	<b>+4.2</b>	<b>+49</b>	<b>+89</b>	<b>+116</b>	<b>+100</b>	<b>+0.29</b>	<b>+7.6</b>	<b>+17</b>	<b>+2.1</b>	<b>-4.6</b>	<b>+65</b>	<b>+6.2</b>	<b>-0.1</b>	<b>-0.4</b>	<b>+0.4</b>	<b>+2.0</b>	<b>+0.05</b>	<b>+20</b>	<b>+0.85</b>	<b>+0.98</b>	<b>+1.03</b>	<b>+191</b>	<b>+331</b>		



# Angus Australia - Research Breeding Values

Date: November 28, 2022

Page: 5

Ident	Name	Statistics		Calv-Ease		Birth		Growth			Maternal		Fert		Carcase					Feed		Temp		Structural			Selection Index		
		Sire Dam	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	Claw	Angle	Leg
<b>BHRE614</b> VTMB219 BHRB681	<b>DUNOON EVIDENT E614</b> <sup>PV</sup> HBR	14	2	-11.8 97% 99	-17.7 90% 99	+0.0 99% 97	+5.9 99% 84	+52 99% 38	+90 99% 46	+111 99% 60	+109 98% 34	+0.52 73% 2	+5.9 80% 83	+14 98% 77	+3.6 98% 7	-6.0 83% 15	+58 97% 73	+11.2 96% 7	-2.7 97% 94	-1.4 95% 3	+1.6 96% 58	+1.6 90% 80	+0.28 98% 2	+44 96% 61	+0.90 96% 77	+1.10 96% 7	+0.88 94% 9	\$171 74	\$274 87
<b>USA17082311</b> USA16198796 USA16543240	<b>EF COMMANDO 1366</b> <sup>PV</sup> HBR	10	4	+10.1 89% 2	+8.7 77% 3	-8.7 98% 5	+2.2 98% 13	+51 97% 42	+88 97% 54	+105 97% 73	+68 94% 92	+0.34 65% 28	+4.1 75% 98	+24 94% 7	-0.1 95% 99	-5.8 68% 19	+56 91% 78	+8.7 90% 21	+1.5 90% 16	+1.1 89% 23	+0.6 87% 36	+1.7 90% 55	+0.41 75% 89	+9 93% 93	+0.86 97% 52	+0.94 97% 40	+1.20 85% 91	\$254 4	\$396 10
<b>USA16198796</b> USA14686137 USA15452880	<b>EF COMPLEMENT 8088</b> <sup>PV</sup> HBR	197	150	+5.7 98% 23	+9.4 92% 2	-5.2 99% 38	+2.9 99% 23	+53 99% 34	+97 99% 26	+129 99% 23	+96 99% 57	+0.25 92% 68	+4.8 97% 94	+21 99% 17	+1.3 99% 77	-6.7 89% 7	+76 98% 22	+7.5 97% 32	+1.2 97% 21	+1.8 97% 14	+0.3 97% 56	+1.7 97% 55	+0.43 92% 90	+22 99% 37	+0.96 99% 72	+1.30 99% 97	+1.14 98% 81	\$255 3	\$420 4
<b>WWEL3</b> HIOG18 WWEJ8	<b>ESSLEMONT LOTTO L3</b> <sup>PV</sup> HBR	97	85	-5.3 95% 92	-3.0 86% 91	-5.7 99% 31	+4.4 99% 55	+59 98% 11	+108 99% 8	+139 99% 11	+135 98% 7	+0.87 85% 1	+7.2 95% 58	+20 97% 23	+3.4 98% 76	-9.5 76% 1	+90 96% 4	+14.5 95% 1	+0.4 95% 37	+1.0 95% 25	+1.2 93% 9	+3.7 95% 10	+0.16 90% 66	+16 98% 70	+1.14 98% 93	+1.04 98% 65	+1.14 97% 81	\$281 1	\$458 1
<b>USA16541214</b> USA14963730 USA15932534	<b>EXAR UPSHOT 0562B</b> <sup>#</sup> HBR	1	1	+0.0 95% 69	-4.8 87% 95	-4.5 99% 50	+4.7 99% 62	+50 98% 47	+89 98% 51	+107 98% 68	+69 97% 91	+0.11 56% 97	+5.6 75% 88	+20 98% 23	+1.1 98% 83	-2.4 78% 93	+66 95% 49	+8.4 94% 23	+0.2 95% 41	-1.7 95% 73	+0.6 93% 36	+0.6 94% 86	+0.06 82% 52	+16 97% 68	+1.44 98% 99	+0.92 98% 35	+1.12 93% 76	\$174 71	\$273 87
<b>USA18301470</b> USA17354145 USA17670660	<b>G A R DRIVE</b> <sup>PV</sup> HBR	11	8	+1.5 86% 58	-1.0 70% 81	-2.7 98% 79	+2.5 98% 16	+52 97% 37	+93 98% 38	+116 97% 50	+91 95% 66	+0.25 59% 68	+6.5 72% 73	+7 92% 99	+1.1 96% 83	-0.8 58% 99	+64 89% 55	+16.0 89% 1	-0.2 88% 51	+0.2 87% 38	+0.9 83% 19	+3.0 88% 20	+0.30 67% 81	+31 93% 11	+1.16 93% 94	+0.90 92% 31	+0.90 86% 12	\$213 29	\$338 49
<b>USA18181757</b> USA16205036 USA16734713	<b>G A R FAIL SAFE</b> <sup>PV</sup> HBR	38	38	+3.9 90% 38	+7.0 74% 11	-6.1 99% 25	+2.7 98% 19	+51 98% 43	+93 98% 37	+126 98% 29	+84 95% 77	+0.04 74% 99	+8.7 91% 26	+26 93% 4	+3.3 97% 11	-3.4 89% 80	+71 89% 32	+7.1 88% 37	-1.9 88% 86	-3.5 87% 93	+0.3 88% 56	+3.9 88% 8	-0.15 72% 24	+26 96% 22	+1.32 93% 99	+1.14 94% 84	+0.82 88% 4	\$217 25	\$353 37
<b>USA18636043</b> USA17354145 USA17965352	<b>G A R INERTIA</b> <sup>PV</sup> HBR	32	32	-1.4 87% 77	-0.7 72% 79	-5.7 99% 31	+3.5 98% 34	+61 98% 8	+101 98% 18	+129 98% 23	+103 95% 43	+0.17 72% 91	+9.8 89% 11	+16 90% 57	+1.2 97% 80	-3.7 56% 73	+71 88% 32	+7.2 88% 35	+0.2 87% 41	+0.2 85% 38	-0.8 80% 97	+3.4 88% 14	+0.39 67% 88	+12 97% 85	+1.32 98% 99	+1.32 98% 98	+1.22 90% 93	\$210 32	\$346 42
<b>USA17623660</b> USA16295688 USA17056736	<b>G A R PROPHECY</b> <sup>SV</sup> HBR	8	13	+2.8 88% 47	+1.7 77% 60	-2.9 98% 76	+3.5 98% 34	+60 97% 11	+100 97% 20	+128 97% 25	+99 96% 52	+0.26 59% 64	+9.1 83% 20	+20 95% 24	+1.9 95% 54	-5.2 66% 32	+65 91% 51	+4.8 90% 66	-1.3 91% 76	-2.4 90% 83	-0.5 87% 93	+4.1 90% 6	+0.13 73% 62	+33 93% 8	+0.96 90% 72	+0.96 90% 45	+1.06 84% 58	\$231 14	\$379 19
<b>USA16295688</b> USA13009379 USA15129456	<b>G A R PROPHET</b> <sup>SV</sup> HBR	86	50	+3.4 98% 42	+4.8 92% 28	-1.0 99% 94	+3.6 99% 37	+66 99% 3	+106 99% 10	+132 99% 19	+85 98% 74	+0.16 89% 93	+5.7 95% 86	+25 98% 5	+0.7 99% 92	-6.7 88% 9	+70 98% 36	+3.7 97% 79	-0.7 97% 64	-1.3 97% 67	-0.8 96% 97	+4.6 97% 3	+0.51 93% 94	+27 99% 18	+1.00 99% 79	+0.82 99% 16	+0.90 98% 12	\$279 1	\$429 2
<b>USA17328461</b> USA16205036 USA16431932	<b>G A R SURE FIRE</b> <sup>SV</sup> HBR	15	12	+7.4 94% 12	+2.6 81% 52	-3.1 99% 73	+2.5 99% 16	+51 98% 43	+91 98% 44	+110 98% 63	+80 97% 82	+0.21 60% 82	+6.7 80% 70	+18 98% 42	+4.1 98% 3	-6.8 75% 6	+63 96% 59	+7.6 95% 31	-0.5 95% 59	-0.3 95% 48	+0.7 94% 30	+3.1 95% 19	-0.34 87% 9	+27 95% 18	+1.16 99% 94	+0.92 99% 35	+0.64 91% 1	\$254 4	\$406 7
<b>USA16350631</b> USA0T26 USA15129465	<b>G A R TWINHEARTS 8418</b> <sup>SV</sup> HBR	21	2	+7.0 89% 14	+9.6 80% 2	-6.5 97% 20	+2.8 97% 21	+64 96% 4	+119 96% 2	+158 96% 2	+141 95% 5	+0.43 74% 7	+6.7 83% 69	+33 94% 1	+1.5 95% 70	-4.1 73% 63	+84 92% 9	+7.8 91% 29	-3.4 91% 98	-5.3 91% 99	+0.7 89% 30	+3.6 91% 11	-0.28 78% 13	+11 95% 87	+0.96 95% 72	+1.12 96% 81	+1.00 94% 38	\$252 4	\$447 1
<b>USA71</b> USA1148 USA717922	<b>G D A R TRAVELER 71</b> <sup>#</sup> HBR	2	19	+10.5 94% 2	+2.5 88% 53	-2.7 98% 79	+1.4 98% 6	+33 98% 98	+53 98% 99	+84 98% 96	+49 97% 99	+0.25 57% 68	+6.9 71% 66	+24 98% 6	+2.1 97% 46	-3.6 91% 76	+46 96% 93	-3.8 95% 99	+3.1 95% 4	+3.9 95% 3	-1.0 94% 99	+1.4 94% 64	-0.05 84% 36	+19 79% 54	+1.54 77% 99	+1.44 79% 99	+0.94 60% 21	\$120 96	\$215 98
<b>Breed Average EBVs</b>				<b>+1.9</b>	<b>+2.3</b>	<b>-4.6</b>	<b>+4.2</b>	<b>+49</b>	<b>+89</b>	<b>+116</b>	<b>+100</b>	<b>+0.29</b>	<b>+7.6</b>	<b>+17</b>	<b>+2.1</b>	<b>-4.6</b>	<b>+65</b>	<b>+6.2</b>	<b>-0.1</b>	<b>-0.4</b>	<b>+0.4</b>	<b>+2.0</b>	<b>+0.05</b>	<b>+20</b>	<b>+0.85</b>	<b>+0.98</b>	<b>+1.03</b>	<b>+191</b>	<b>+331</b>



# Angus Australia - Research Breeding Values

Date: November 28, 2022

Page: 6

Ident	Name	Statistics		Statistics																											
		Sire Dam	Reg.	Prog MBC	Prog MCH	Calv-Ease		Birth		Growth				Maternal			Fert		Carcase					Feed	Temp	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	Claw	Angle	Leg	\$A	\$A-L
<b>NHZJ140</b> NAQA241 NHZC33	<b>HAZELDEAN JAIPUR J140</b> <sup>SV</sup> HBR	26	36	+8.7	+8.2	-4.9	+1.9	+39	+74	+105	+82	+0.13	+8.4	+27	+3.2	-5.6	+70	+5.0	-1.1	-1.5	+0.9	+2.5	+1.00	+55	+0.28	+0.82	+1.02	\$195	\$339		
<b>NHZK416</b> NORE11 NHZH342	<b>HAZELDEAN KATZEN K416</b> <sup>SV</sup> APR	5	5	+9.9	+3.5	-11.5	+2.2	+56	+95	+124	+112	+0.41	+7.8	+20	+3.7	-9.6	+74	+0.9	+4.3	+2.7	-0.8	+0.8	+0.17	+53	+1.06	+1.04	+1.06	\$223	\$407		
<b>NZE12170004</b> VTMU3271 NZE2664	<b>HIGHLANDER OF STERN AB</b> # HBR	41	1	-1.8	-6.5	-3.7	+6.5	+42	+74	+98	+102	+0.29	+6.8	+15	+2.0	-5.4	+57	+3.5	-1.3	-0.4	+0.4	+1.2	+0.09	+45	+0.68	+0.86	+0.94	\$135	\$254		
<b>NZE469</b> NZE36917 NZE217493	<b>HINGAIA 469</b> # HBR	26	4	+8.4	+2.7	-4.5	+3.6	+28	+60	+81	+81	+0.30	+6.6	+14	+1.3	-6.5	+29	+3.1	+3.3	+2.9	-0.1	-0.5	-0.92	+31	+0.74	+1.16	+1.10	\$118	\$250		
<b>USA13119152</b> USASC242 USA12431774	<b>HOFF LIMITED EDITION S C 594</b> HBR	8	11	-13.3	-6.7	-2.6	+7.8	+46	+81	+103	+105	+0.28	+7.7	+7	+0.0	+2.7	+64	+6.7	-2.7	-2.2	+1.5	+0.0	-0.11	+12	+0.70	+0.84	+1.22	\$62	\$127		
<b>USA17366506</b> USA16497066 USA16078549	<b>H P C A INTENSITY</b> # HBR	105	34	-9.7	-1.5	-3.6	+7.0	+63	+112	+145	+121	+0.44	+4.7	+24	+0.6	-5.1	+84	+10.5	-0.5	-2.1	+0.2	+3.3	+0.14	+13	+0.70	+0.90	+1.04	\$221	\$356		
<b>USA16956101</b> USA16290873 USA16503489	<b>H P C A PROCEED</b> <sup>PV</sup> HBR	34	19	-5.3	+7.0	-6.1	+4.4	+51	+90	+114	+102	+0.33	+8.5	+20	+1.7	-3.8	+66	+8.0	-1.8	-2.7	-0.2	+5.0	+0.52	+17	+1.02	+0.88	+0.98	\$186	\$313		
<b>USA13058662</b> USA2700 USA265	<b>HYLINE RIGHT TIME 338</b> # HBR	64	17	-8.5	-0.4	-4.9	+5.8	+52	+88	+125	+94	+0.28	+9.2	+20	+3.5	-4.5	+55	+5.3	-0.6	+0.3	-0.2	+1.5	-1.01	+8	+0.78	+0.66	+0.82	\$159	\$267		
<b>USA14037894</b> USA13058662 USA86	<b>HYLINE RIGHT WAY 781</b> # HBR	12	1	-10.3	+5.5	-1.2	+7.1	+52	+86	+112	+100	+0.32	+8.3	+14	+2.6	-3.2	+56	+3.9	-2.2	-2.3	+1.0	+0.7	-0.58	+22	+0.84	+0.78	+0.94	\$139	\$242		
<b>USA16748826</b> USA14528330 USA14806260	<b>JINDRA DOUBLE VISION</b> <sup>SV</sup> HBR	21	22	-0.6	+2.4	-2.9	+5.2	+54	+100	+132	+132	+0.16	+8.0	+20	+0.1	-2.7	+85	+5.6	-1.7	-1.8	+0.9	+0.5	-0.34	+33	+1.00	+1.00	+0.84	\$167	\$318		
<b>USA17262374</b> USA16559105 USA16776281	<b>JMB TRACTION 292</b> <sup>PV</sup> HBR	16	18	+0.1	-1.6	+0.6	+4.6	+59	+106	+140	+109	+0.27	+6.9	+32	+2.3	-3.9	+73	+13.4	-2.5	-3.7	+1.2	+0.8	+0.17	+18	+1.06	+1.08	+0.86	\$215	\$357		
<b>NENG220</b> BNAD145 NENB15	<b>KAROO D145 GENERATOR G220</b> HBR	4	4	-2.4	-10.0	-6.5	+3.7	+39	+74	+102	+86	+0.41	+7.2	+21	+0.0	-6.4	+63	+4.8	+5.7	+6.5	-1.1	+3.1	+0.19	+4	+0.92	+0.86	+0.82	\$170	\$283		
<b>NENK176</b> NZE14647008839 NENH213	<b>KAROO KNOCKOUT K176</b> <sup>SV</sup> HBR	16	15	+1.4	+9.9	-7.7	+5.2	+49	+93	+116	+135	+0.58	+5.4	+5	+3.4	-4.4	+45	+6.3	+2.2	+2.6	+0.7	+2.0	+0.24	+40	+0.72	+0.76	+0.94	\$191	\$367		
<b>Breed Average EBVs</b>				<b>+1.9</b>	<b>+2.3</b>	<b>-4.6</b>	<b>+4.2</b>	<b>+49</b>	<b>+89</b>	<b>+116</b>	<b>+100</b>	<b>+0.29</b>	<b>+7.6</b>	<b>+17</b>	<b>+2.1</b>	<b>-4.6</b>	<b>+65</b>	<b>+6.2</b>	<b>-0.1</b>	<b>-0.4</b>	<b>+0.4</b>	<b>+2.0</b>	<b>+0.05</b>	<b>+20</b>	<b>+0.85</b>	<b>+0.98</b>	<b>+1.03</b>	<b>+191</b>	<b>+331</b>		







# Angus Australia - Research Breeding Values

Date: November 28, 2022

Page: 10

Ident	Name	Statistics		Statistics																							Selection Index		
				Calv-Ease		Birth		Growth				Maternal			Fert		Carcase					Feed	Temp	Structural					
		Sire Dam	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	Claw	Angle	Leg
<b>SMPG357</b> VTMB1 SMPD245	<b>PATHFINDER GENESIS G357</b> <sup>PV</sup> HBR	5	6	+2.3	+5.4	-7.8	+6.7	+61	+109	+147	+138	+0.29	+8.2	+26	+4.3	-5.0	+96	+13.8	+0.9	-1.5	+1.2	+0.0	+0.52	+30	+0.88	+1.04	+0.76	\$221	\$402
<b>SMPB099</b> USA13880818 SMPZ10	<b>PATHFINDER IN FOCUS B099</b> <sup>SV</sup> HBR	21	11	+10.0	+0.1	-5.0	+2.6	+55	+89	+116	+124	+0.18	+8.5	+16	+1.1	-2.5	+65	+1.9	-4.0	-5.0	+1.2	-0.4	-0.62	+34	+1.14	+1.02	+0.92	\$142	\$292
<b>SMPK22</b> SMPG357 SMPH756	<b>PATHFINDER COMPLETE K22</b> <sup>SV</sup> HBR	31	31	+11.1	+10.5	-9.7	+0.7	+39	+73	+90	+38	+0.15	+3.4	+27	+2.9	-5.0	+48	+6.9	+4.1	+4.8	+0.1	+1.9	+0.32	+28	+0.46	+0.86	+0.66	\$225	\$345
<b>ASHJ12</b> USA14739204 ASHG13	<b>PREMIER GUARDIAN J12</b> <sup>PV</sup> HBR	8	4	+7.4	+0.9	-4.8	+3.3	+46	+86	+123	+107	+0.23	+8.6	+32	+2.2	-3.5	+66	+0.5	-0.3	-1.2	-0.6	+1.7	-0.07	+16	+0.78	+1.02	+0.98	\$143	\$288
<b>CXBJ15</b> BNAD145 CXBF20	<b>PRIME JUGGERNAUT J15</b> <sup>SV</sup> HBR	10	17	-2.1	-3.0	-5.5	+6.2	+50	+87	+109	+86	+0.38	+5.5	+18	+0.1	-5.9	+71	+9.2	-1.6	-1.5	+1.1	+2.0	-0.10	+6	+0.68	+0.78	+0.90	\$216	\$336
<b>QRFU27</b> USA2164 QRFM51+92	<b>RAFF ULTIMATE U27</b> <sup>SV</sup> HBR	8	6	-13.5	+3.3	-1.2	+8.0	+51	+93	+135	+161	+0.26	+10.2	+16	+2.4	+4.0	+75	+1.2	-5.7	-5.6	+1.2	-1.3	-0.50	+27	+0.84	+0.86	+1.00	\$-2	\$104
<b>NORE11</b> NGMY145 VLYY5	<b>RENNYLEA EDMUND E11</b> <sup>PV</sup> HBR	224	142	+10.0	+1.3	-7.3	+1.2	+35	+65	+85	+55	+0.42	+5.1	+16	+1.9	-8.1	+52	+5.1	+3.3	+1.5	-0.3	+4.3	+0.67	+25	+0.58	+1.02	+1.12	\$214	\$340
<b>NORG255</b> BNAD145 NORC490	<b>RENNYLEA G255</b> <sup>PV</sup> APR	84	23	-10.9	-7.5	-3.6	+4.7	+51	+96	+131	+127	+0.51	+9.0	+21	+0.8	-4.0	+91	+8.2	-0.4	-3.3	+0.6	+4.7	-0.23	+14	+1.24	+0.94	+0.84	\$170	\$290
<b>NORG420</b> VTMB1 NORE528	<b>RENNYLEA G420</b> <sup>SV</sup> APR	117	44	+11.4	+8.8	-6.8	+2.3	+46	+90	+115	+87	+0.41	+6.9	+21	+2.0	-6.2	+65	+8.4	+3.6	+3.0	+0.0	+3.1	-0.11	+20	+0.82	+1.06	+1.02	\$244	\$406
<b>NORH708</b> NORC511 NORE176	<b>RENNYLEA H708</b> <sup>PV</sup> APR	60	22	-4.3	+0.0	+1.1	+4.8	+51	+103	+132	+129	+0.38	+8.5	+11	+2.7	-3.8	+72	+13.1	-3.5	-6.5	+1.8	+6.9	+0.58	+26	+0.74	+0.72	+1.02	\$235	\$387
<b>NORJ178</b> VTME343 NORE372	<b>RENNYLEA J178</b> <sup>PV</sup> APR	14	3	+4.8	+2.5	-6.1	+2.0	+44	+93	+122	+126	+0.37	+8.2	+8	+3.9	-6.9	+55	+6.5	-1.9	-3.7	+0.9	+2.5	+0.18	+25	+0.66	+0.86	+0.88	\$193	\$371
<b>NORK835</b> NORG420 NORH514	<b>RENNYLEA K835</b> <sup>PV</sup> APR	8	7	-3.1	-4.9	-2.0	+6.6	+51	+91	+118	+99	+0.34	+6.1	+14	+3.2	-5.3	+56	+8.7	+0.6	-1.1	+0.1	+4.0	-0.25	+14	+0.66	+1.14	+1.08	\$203	\$331
<b>NORK907</b> USA16198796 NORE534	<b>RENNYLEA K907</b> <sup>PV</sup> APR	37	6	+4.9	+10.2	-6.4	+3.4	+62	+121	+160	+116	+0.25	+7.2	+29	-0.2	-7.2	+111	+11.6	+0.1	+0.4	+0.2	+3.3	+0.50	+26	+0.76	+1.02	+1.00	\$310	\$501
<b>Breed Average EBVs</b>				<b>+1.9</b>	<b>+2.3</b>	<b>-4.6</b>	<b>+4.2</b>	<b>+49</b>	<b>+89</b>	<b>+116</b>	<b>+100</b>	<b>+0.29</b>	<b>+7.6</b>	<b>+17</b>	<b>+2.1</b>	<b>-4.6</b>	<b>+65</b>	<b>+6.2</b>	<b>-0.1</b>	<b>-0.4</b>	<b>+0.4</b>	<b>+2.0</b>	<b>+0.05</b>	<b>+20</b>	<b>+0.85</b>	<b>+0.98</b>	<b>+1.03</b>	<b>+191</b>	<b>+331</b>





# Angus Australia - Research Breeding Values

Date: November 28, 2022

Page: 13

Sire Dam	Name	Statistics		Calv-Ease		Birth		Growth				Maternal			Fert		Carcase					Feed	Temp	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	Claw	Angle	Leg	\$A	\$A-L
NZE19507015 HIOE7 NZE19507111G233	STORTH OAKS L57 # HBR		3	4	+7.9	+9.5	-4.4	+2.9	+42	+74	+94	+52	+0.30	+9.6	+23	+2.6	-5.5	+49	+9.7	-1.5	-0.8	+0.6	+5.3	+0.31	+0	+0.72	+0.76	+0.86	\$252	\$380
NZE19507017 WWEL3 NZE19507114K286	STORTH OAKS N118 PV HBR		3	3	-1.6	+0.9	-3.2	+5.4	+62	+108	+144	+134	+0.58	+7.6	+14	+3.2	-7.6	+90	+13.3	+2.2	+2.6	+0.7	+3.6	+0.34	+11	+1.20	+1.10	+1.16	\$282	\$463
USA3B18 USA7134 USA229Y	SUMMITCREST HI FLYER 3B18 # HBR		6	6	+3.4	-5.6	-3.6	+1.9	+44	+75	+96	+91	+0.30	+11.3	+14	+2.3	-1.8	+67	+2.6	-1.1	-0.2	+0.4	+0.6	-0.67	+11	+1.10	+0.80	+1.06	\$122	\$235
USA0B45 USA14 USAOT09	SUMMITCREST SCOTCH CAP HBR		31	10	+1.8	+5.2	-3.2	+4.3	+30	+56	+68	+34	+0.07	+9.7	+14	+2.5	-4.2	+39	+3.8	-0.3	+2.8	-0.2	+3.4	+0.02	+10	+0.62	+1.02	+1.12	\$165	\$250
USA956 USASC491+ USA111	S V F HI ROAD # HBR		7	7	-5.1	-2.6	-2.4	+6.2	+49	+84	+116	+113	+0.21	+9.9	+13	+0.4	-5.5	+69	+3.6	-3.1	-3.8	+1.0	+0.7	-0.09	+13	+0.92	+1.26	+1.10	\$150	\$275
USA17236055 USA15354674 USA16214508	SYDGEN BLACK PEARL 2006 PV HBR		132	96	+4.2	+7.7	-7.6	+3.2	+51	+85	+122	+82	+0.06	+8.5	+23	+1.7	-4.9	+80	+9.2	+0.0	-0.5	+0.6	+2.0	-0.07	+14	+1.06	+1.18	+1.14	\$228	\$366
USA18170041 USA17501893 USA17405676	SYDGEN ENHANCE SV HBR		40	35	+5.4	+0.6	-3.5	+3.2	+60	+108	+141	+107	-0.07	+9.1	+21	+2.8	-3.1	+77	+8.3	-2.3	-1.7	+0.1	+2.9	-0.82	+48	+0.80	+1.12	+0.94	\$229	\$384
USA15354674 USA14851313 USA14682938	SYDGEN TRUST 6228 # HBR		72	18	+1.9	+7.9	-7.0	+2.9	+53	+82	+117	+101	+0.26	+7.7	+12	+0.1	-3.5	+71	+6.1	-0.1	-0.9	+0.6	+1.3	-0.50	+6	+0.98	+1.12	+1.18	\$190	\$327
USA15840414 USA13009379 USA14844785	TC ABERDEEN 759 SV HBR		45	4	+3.8	+6.5	-5.6	+2.5	+48	+88	+114	+90	+0.34	+9.2	+21	+1.0	-2.6	+48	+10.9	+0.8	-0.3	+1.0	+1.5	+0.21	+14	+0.98	+1.02	+0.84	\$203	\$338
USA2164 USA706674 USA10636593	TC STOCKMAN 2164 # HBR		31	22	-19.5	-5.4	+0.2	+7.7	+49	+80	+103	+110	+0.34	+8.6	+13	+2.2	-1.4	+64	+3.6	-0.6	+1.1	+0.6	-0.4	+0.03	+21	+1.06	+1.20	+1.10	\$58	\$125
USA365 USA706674 USA0014	TC STOCKMAN 365 # HBR		12	21	-1.9	+7.2	-1.5	+6.2	+39	+66	+89	+78	+0.10	+9.5	+16	+2.2	-2.5	+61	+3.8	-5.1	-6.8	+1.7	+0.5	-0.09	+22	+0.92	+1.12	+1.22	\$112	\$208
USA14844711 USA208 USA14270867	TC TOTAL 410 # HBR		20	3	-13.2	+0.6	-4.2	+5.1	+61	+102	+130	+163	+0.34	+10.5	+12	+2.2	-2.5	+67	+7.3	-3.1	-4.6	+0.4	+1.8	-0.71	+47	+0.96	+0.94	+1.10	\$111	\$250
USA641 USA5204 USAR235	TEHAMA 5204 TRAV 641 # HBR		18	23	-7.1	-0.9	+1.9	+4.4	+29	+54	+68	+64	+0.27	+7.9	+17	+1.6	-2.3	+43	+3.1	-0.9	-0.8	+1.3	+0.8	+0.12	+25	+0.72	+1.08	+1.20	\$82	\$148
<b>Breed Average EBVs</b>				<b>+1.9</b>	<b>+2.3</b>	<b>-4.6</b>	<b>+4.2</b>	<b>+49</b>	<b>+89</b>	<b>+116</b>	<b>+100</b>	<b>+0.29</b>	<b>+7.6</b>	<b>+17</b>	<b>+2.1</b>	<b>-4.6</b>	<b>+65</b>	<b>+6.2</b>	<b>-0.1</b>	<b>-0.4</b>	<b>+0.4</b>	<b>+2.0</b>	<b>+0.05</b>	<b>+20</b>	<b>+0.85</b>	<b>+0.98</b>	<b>+1.03</b>	<b>+191</b>	<b>+331</b>	





# Angus Australia - Research Breeding Values

Date: November 28, 2022

Page: 15

Ident	Name	Statistics		Selection Index																											
		Sire Dam	Reg.	Prog MBC	Prog MCH	Calv-Ease		Birth		Growth				Maternal		Fert		Carcase						Feed	Temp	Structural			\$A	\$A-L	
						Dir	Dtrs	GL	BW	200	400	600	MCW	MBC	MCH	Milk	SS	DC	CW	EMA	Rib	P8	RBY	IMF	NFI-F	Doc	Claw	Angle	Leg		
<b>VTML635</b> VTMG67 VTMH180	<b>TE MANIA LEARMONTH L635</b> <sup>SV</sup> HBR	5	11	+1.1	-0.9	-3.2	+3.7	+48	+93	+125	+110	+0.50	+7.2	+32	+0.6	-5.1	+51	+3.0	+1.2	+2.4	-1.3	+4.8	-0.13	+41	+1.10	+1.30	+1.30	\$193	\$339		
<b>VTML646</b> NORG317 VTMH851	<b>TE MANIA LEGEND L646</b> <sup>PV</sup> HBR	11	18	-0.8	+6.0	-4.4	+6.4	+49	+96	+134	+117	+0.40	+9.3	+24	+6.0	-7.1	+64	+8.2	-1.1	-2.9	+0.4	+2.3	+0.65	+37	+0.88	+1.04	+0.96	\$196	\$359		
<b>VTML676</b> VTMG67 VTMH55	<b>TE MANIA LENNOX L676</b> <sup>PV</sup> HBR	15	15	+1.3	-3.6	-5.3	+2.7	+49	+88	+113	+77	+0.43	+5.7	+27	+2.1	-5.0	+44	+10.1	-1.3	-0.1	+0.3	+3.5	-0.03	+38	+0.98	+1.10	+1.16	\$223	\$344		
<b>VTMM13</b> HIOH9 VTMK200	<b>TE MANIA MAGNATE M13</b> <sup>PV</sup> HBR	8	14	-1.6	+8.3	-12.1	+4.4	+52	+92	+114	+85	+0.32	+8.5	+32	+2.3	-7.7	+60	+5.3	-2.0	-1.5	+0.5	+1.6	+0.14	+28	+1.02	+1.28	+1.20	\$223	\$360		
<b>VTMM79</b> VTMJ10 VTMK256	<b>TE MANIA MAGNETIC M79</b> <sup>PV</sup> HBR	11	11	+6.9	+10.3	-8.6	+3.1	+44	+83	+95	+71	+0.35	+5.7	+25	+0.7	-8.3	+40	+6.0	+0.8	+0.4	+0.1	+4.1	-0.04	+37	+0.76	+0.84	+0.78	\$255	\$406		
<b>VTMM271</b> HIOH9 VTMJ274	<b>TE MANIA MAGUIRE M271</b> <sup>SV</sup> HBR	3	11	+8.4	+10.2	-13.7	+0.3	+45	+92	+117	+98	+0.38	+5.9	+20	+0.0	-4.5	+77	+6.3	+0.4	+0.8	+0.3	+2.3	+0.31	+42	+0.84	+0.98	+0.78	\$214	\$377		
<b>VTMM530</b> VTMG67 VTMH377	<b>TE MANIA MALFOY M530</b> <sup>PV</sup> HBR	4	7	+7.8	+7.1	-8.3	+2.2	+45	+82	+116	+102	+0.44	+3.9	+22	+2.5	-7.9	+52	+4.7	+0.9	+0.4	-0.3	+3.8	+0.45	+49	+0.76	+0.96	+1.08	\$222	\$392		
<b>VTMM1086</b> HIOH9 VTMH830	<b>TE MANIA MINCHINBURY M1086</b> HBR	9	9	+10.7	+11.0	-11.6	+0.1	+52	+93	+137	+99	+0.33	+4.5	+28	+2.6	-3.6	+84	+7.5	-2.9	-3.5	+0.7	+3.4	+0.28	+35	+1.06	+0.98	+1.06	\$229	\$390		
<b>VTMM886</b> HIOH9 VTMF121	<b>TE MANIA MOJO M886</b> <sup>PV</sup> HBR	5	42	+8.9	+10.2	-4.7	+1.8	+50	+88	+115	+94	+0.32	+9.7	+13	+1.8	-6.7	+84	+10.9	+2.5	+2.0	-0.1	+3.8	+0.78	+12	+1.00	+1.02	+0.96	\$257	\$427		
<b>VTMM1254</b> USA16295688 VTMG508	<b>TE MANIA MONARCH M1254</b> <sup>PV</sup> HBR	2	44	+9.0	+5.0	-4.3	+1.4	+51	+83	+109	+54	+0.25	+5.5	+31	+2.9	-6.1	+55	+7.2	-1.9	-1.6	-0.7	+7.0	+0.77	+11	+1.02	+0.98	+0.88	\$263	\$393		
<b>VTMN1423</b> VTMJ1337 VTMH65	<b>TE MANIA NOLAN N1423</b> <sup>PV</sup> HBR	1	21	+8.1	+10.9	-7.1	+1.4	+57	+110	+139	+142	+0.39	+7.6	+8	+4.4	-8.0	+73	-1.9	+0.7	+1.0	-0.8	+2.2	-0.23	+58	+1.06	+1.12	+0.84	\$222	\$439		
<b>VTMS155</b> NZE116191 VTMN69+93	<b>TE MANIA SHEEN S155</b> <sup>#</sup> HBR	28	41	+3.5	+0.1	-6.0	+2.6	+35	+71	+85	+105	+0.41	+11.2	+10	+2.7	-6.5	+45	-1.5	+1.5	+1.2	+0.0	+1.4	+0.17	+22	+0.72	+1.04	+1.14	\$128	\$272		
<b>VTMU3271</b> USA036 VTMR426+96	<b>TE MANIA UNLIMITED U3271</b> <sup>#</sup> HBR	130	4	+1.3	-5.1	-0.3	+3.1	+28	+61	+80	+58	+0.21	+8.8	+18	+2.7	-3.8	+29	+2.2	+0.2	+0.8	+0.0	+3.8	+0.88	+20	+0.40	+0.66	+0.86	\$135	\$226		
<b>Breed Average EBVs</b>				<b>+1.9</b>	<b>+2.3</b>	<b>-4.6</b>	<b>+4.2</b>	<b>+49</b>	<b>+89</b>	<b>+116</b>	<b>+100</b>	<b>+0.29</b>	<b>+7.6</b>	<b>+17</b>	<b>+2.1</b>	<b>-4.6</b>	<b>+65</b>	<b>+6.2</b>	<b>-0.1</b>	<b>-0.4</b>	<b>+0.4</b>	<b>+2.0</b>	<b>+0.05</b>	<b>+20</b>	<b>+0.85</b>	<b>+0.98</b>	<b>+1.03</b>	<b>+191</b>	<b>+331</b>		



# Angus Australia - Research Breeding Values

Date: November 28, 2022

Page: 17

Ident	Name	Statistics		EBVs																											
		Prog MBC	Prog MCH	Calv-Ease		Birth		Growth				Maternal			Fert		Carcase					Feed	Temp	Structural			Selection Index				
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	Claw	Angle	Leg	\$A	\$A-L		
<b>CCVB107</b>	<b>VERMONT DREAMLINE B107</b> <sup>PV</sup>			-1.7	+3.1	-4.5	+4.2	+47	+87	+118	+122	+0.28	+8.1	+13	+2.5	-5.1	+66	+0.3	-3.4	-3.0	+0.3	+0.8	-0.20	+21	+0.74	+0.70	+0.94	\$133	\$279		
USA7078 CCVY301	HBR	4	1	85%	76%	95%	96%	93%	94%	94%	92%	55%	64%	94%	93%	68%	88%	86%	87%	87%	84%	86%	73%	84%	77%	77%	72%				
				79	46	50	51	61	58	46	17	55	37	85	31	35	48	86%	97	98	89	56	81	19	40	27	4	21	94	85	
<b>BSCF73</b>	<b>WAITARA PIO FEDERAL F73</b> <sup>SV</sup>			+5.1	+5.6	-4.4	+1.6	+55	+103	+134	+87	+0.17	+6.8	+26	+2.5	-3.5	+90	+5.0	-0.6	-0.6	+0.2	+1.2	+0.21	+16	+1.40	+1.22	+0.90	\$219	\$363		
USA15688392 BSCZ66	HBR	35	16	88%	72%	98%	98%	97%	97%	97%	96%	71%	83%	96%	96%	68%	94%	93%	93%	94%	88%	93%	86%	96%	95%	95%	92%				
				28	21	52	7	23	15	16	71	91	67	3	31	78	4	64	61	54	63	71	72	68	99	92	12	24	29		
<b>NWPG188</b>	<b>WATTLETOP FRANKLIN G188</b> <sup>SV</sup>			+4.7	+7.9	-4.7	+2.2	+65	+109	+143	+120	+0.27	+10.4	+23	+3.7	-3.0	+86	+1.5	-1.3	-1.5	-0.4	+0.8	-1.23	+32	+1.02	+0.96	+0.94	\$195	\$363		
USA15462648 NWPE295	HBR	31	15	94%	82%	99%	99%	98%	98%	98%	97%	68%	80%	97%	98%	70%	95%	93%	94%	94%	90%	93%	86%	96%	94%	95%	92%				
				31	6	47	13	4	7	8	19	59	6	10	6	86	7	94	76	70	90	81	1	9	81	45	21	49	30		
<b>NWPL78</b>	<b>WATTLETOP REGENT L78</b> <sup>PV</sup>			-1.0	-9.3	-7.0	+5.7	+49	+90	+126	+121	+0.45	+8.0	+19	+4.3	-4.6	+70	+4.5	-1.7	-2.7	+0.3	+3.7	+0.70	+7	+0.96	+0.94	+0.94	\$166	\$304		
BNAD145 NWPF40	HBR	1	1	74%	66%	92%	94%	89%	88%	89%	85%	56%	60%	79%	85%	61%	79%	77%	78%	78%	74%	78%	67%	65%	68%	69%					
				75	99	15	82	51	47	28	18	5	40	36	3	49	37	70	83	87	56	10	99	95	72	40	21	78	73		
<b>USA5029</b>	<b>WHITESTONE WIDESPREAD MB</b>			-0.3	+9.5	-6.6	+6.2	+50	+80	+109	+105	+0.34	+5.9	+7	+1.1	-7.0	+61	+2.1	-0.8	+1.4	+0.5	-1.0	-0.37	+11	+0.98	+0.98	+1.00	\$174	\$321		
USAU23 USA2173	HBR	2	1	96%	89%	98%	99%	98%	98%	98%	97%	53%	57%	98%	97%	89%	96%	94%	95%	95%	93%	94%	83%	84%	80%	82%	68%				
				71	2	19	88	48	75	65	41	28	83	99	83	5	65	91	66	19	42	99	8	87	75	50	38	71	62		
<b>USA16924332</b>	<b>WR JOURNEY-1X74</b> <sup>PV</sup>			+8.9	+6.7	-9.6	+2.0	+44	+73	+95	+68	+0.17	+7.9	+16	+0.2	-4.1	+60	+9.3	-1.7	-3.9	+1.3	+1.3	-0.34	+3	+1.04	+0.98	+1.04	\$195	\$319		
USA14675477 USA15724629	HBR	11	2	83%	70%	97%	97%	96%	96%	95%	93%	61%	59%	93%	94%	60%	89%	89%	88%	87%	84%	89%	69%	88%	97%	97%	86%				
				5	12	3	11	74	89	88	92	91	41	55	97	63	67	16	83	95	7	67	9	98	84	50	52	49	63		
<b>Breed Average EBVs</b>				<b>+1.9</b>	<b>+2.3</b>	<b>-4.6</b>	<b>+4.2</b>	<b>+49</b>	<b>+89</b>	<b>+116</b>	<b>+100</b>	<b>+0.29</b>	<b>+7.6</b>	<b>+17</b>	<b>+2.1</b>	<b>-4.6</b>	<b>+65</b>	<b>+6.2</b>	<b>-0.1</b>	<b>-0.4</b>	<b>+0.4</b>	<b>+2.0</b>	<b>+0.05</b>	<b>+20</b>	<b>+0.85</b>	<b>+0.98</b>	<b>+1.03</b>	<b>+191</b>	<b>+331</b>		



For further information, please contact staff at:

Angus Australia  
Phone: 02 6773 4600  
Email: [office@angusaustralia.com.au](mailto:office@angusaustralia.com.au)  
Website: [www.angusaustralia.com.au](http://www.angusaustralia.com.au)

