



# PROGENY PERFORMANCE REPORT

## COHORT 12



### **Acknowledgments:**

Angus Australia thanks the following organisations for their support of the Angus Sire Benchmarking Program (ASBP):

#### **Co-Funding Partner**

Meat and Livestock Australia

#### **Industry Partners**

Rangers Valley  
Stockyard Beef - Kerwee Lot Feeders  
John Dee Abattoir  
University of New England (UNE)  
Vetoquinol  
Zoetis Animal Genetics  
Neogen Australasia

#### **Co-operator Cow Herds**

Brad and Marg Gilmour, Boorcan, VIC.  
Rob and Sally Bulle, Ardrossan, Holbrook, NSW.  
Hugh Munro, Glenroy, Gravesend, NSW.  
Roger and GERALYN Flower, Myola, Black Mountain, NSW.  
John O'Brien & Trevor Nash, Stradbroke Pastoral, Yarralee, Coolah, NSW.  
Rob Dugdale and Jeff Richie, Springmount, Black Mountain, NSW.  
Richard and Ruth Puddicombe, Burindi, Barraba, NSW.  
Shaun Uebergang, Pearsby Hall, Delungra, NSW.  
Stephen and Amity Chase, Waitara, Trangie, NSW.  
NSW DPI, Trangie Agricultural Research Centre, Trangie, NSW.  
NSW DPI, Glen Innes Research Station, Glen Innes, NSW.  
University of Sydney, Nowley, Spring Ridge, NSW.  
David and Pia Butcher, Woorak, Bundarra, NSW.  
James Stephens, Charles Sturt University, Wagga Wagga, NSW.  
Douglas Lithgow, Swanpool, VIC.  
Bruce and Anna Allworth, Taloooby, Holbrook, NSW.

#### **Bull Owners and Nominators**

Angus Australia thanks the numerous bull owner and nominators that have entered the ASBP. For sire ownership details please refer to the Angus Australia website ([www.angusaustralia.com.au](http://www.angusaustralia.com.au)).

#### **Data Analysis Support**

Animal Genetics and Breeding Unit (AGBU), University of New England, Armidale, NSW. Agricultural Business Research Institute (ABRI-BREEDPLAN), Armidale, NSW.



## Angus Sire Benchmarking Program

The Angus Sire Benchmarking Program (ASBP) is a major initiative of Angus Australia with support from Meat & Livestock Australia (MLA) and industry partners such as Vetoquinol, Rangers Valley Feedlot and John Dee Abattoir.

The major objective of the ASBP is to:

*“Grow the phenotype and genotype reference population with contemporary Australian Angus animals, particularly on hard - to - measure traits, for enhanced genetic evaluation, collaborative research and innovative development.”*

To meet the project objectives Angus Australia aims to join an average of 25-35 sires a year to approximately 1,800 Angus cows to achieve a minimum of 25 progeny (50:50 steers and heifers) per sire using a fixed time AI program. The Angus cows are located across several commercial co-operator herds located in New South Wales and Victoria.

The Angus sires that enter the ASBP are nominated by Angus Australia members. Before entering the program the sires are assessed for a range of factors such as genetic diversity, genetic condition status, EBVs and selection index values. Once the progeny are born they are comprehensively performance recorded for calving ease, growth, temperament, heifer reproduction, structure, feed efficiency, abattoir carcase and beef quality attributes.

### ASBP Progeny Performance Report

The ASBP Progeny Performance report includes two sections to assist with assessment of the genetic merit of the ASBP sires, being:

1. **Trans-Tasman Angus Cattle Evaluation (TACE) Sire Listing** – The first section includes the Angus EBVs and Selection Indexes from the noted monthly analysis.  
*For selection purposes it is strongly advised that the EBVs and selection indexes be used primarily. They are the highest accuracy information to use in selection as they take into account all available industry data including the data generated from the ASBP. They also account for information from all known relatives and genetic correlations between traits as well as being able to be compared across cohorts and the Angus population.*
2. **ASBP Progeny Performance Listing** – The second section includes progeny average values and rankings for a range of traits recorded within the ASBP. This listing provides an indication on how the sire's are performing within the ASBP. *The values listed can only be validly used to compare sires within each cohort of the ASBP.*

Each section includes introductory notes to assist with the interpretation of the information listed.

**Contact** – For further questions on the ASBP contact Christian Duff, General Manager - Genetic Improvement, Angus Australia on phone: (02) 6773 4620, mobile: 0457 457 141 or email: [christian@angusaustralia.com.au](mailto:christian@angusaustralia.com.au)

Further information on the ASBP is listed on the Angus Australia website [www.angusaustralia.com.au](http://www.angusaustralia.com.au)

# READING THE ASBP SIRE LISTING - TACE EBVs and SELECTION INDEXES

Ident	Name	Statistics			Estimated Breeding Values																							
					Calv-Ease		Birth		Growth				Fert		Carcase				Feed Temp		Structural		Selection Index					
					Dir	Dtrs	GL	BW	200	400	600	MCW	Milk	SS	DC	CW	EMA	Rib	P8	RBY	IMF	NFI-F	Doc	Claw	Angle	Leg	\$A	\$A-L
<b>USA17960722</b>	<b>BALDRIDGE BEAST MODE B074</b>				+6.6	+8.2	-3.6	+3.6	+77	+123	+149	+131	+9	+2.8	-4.4	+82	+3.2	-2.5	-4.5	-0.3	+2.6	-0.23	+34	+0.54	+0.54	+0.78	\$277	\$452
USA16295688	HBR	234	5069	1679	95%	82%	99%	99%	99%	99%	99%	97%	96%	98%	65%	94%	92%	92%	92%	88%	91%	77%	98%	98%	98%	97%		
USA17149410					17	5	66	36	1	1	4	9	92	21	44	13	87	89	96	75	32	16	7	4	1	2	2	1

## Animal Details

Ident: Animal ident  
 Name: Animal name  
 Sire: Ident of animal's sire  
 Dam: Ident of animal's dam  
 Reg.: Registration status  
 Num Herd: Number of herds in which the animal has progeny recorded with Angus Australia  
 Prog: Number of progeny recorded with Angus Australia  
 Prog 2Yr: Number of progeny recorded with Angus Australia that are born in the past 2 years

## EBVs & Selection Indexes

Dir	Calving Ease Direct	P8	Rump Fat
Dtrs	Calving Ease Daughters	RBY	Retail Beef Yield
GL	Gestation Length	IMF	Intramuscular Fat
BW	Birth Weight	NFI-F	Net Feed Intake (Feedlot)
200	200 Day Growth	DOC	Docility
400	400 Day Weight	Claw	Claw Set
600	600 Day Weight	Angle	Foot Angle
MCW	Mature Cow Weight	Leg	Leg Angle
Milk	Milk	\$A	Angus Breeding Index
SS	Scrotal Size	\$A-L	Angus Breeding Low Feed Cost Index
DC	Days to Calving		
CW	Carcase Weight		
EMA	Eye Muscle Area		
RIB	Rib Fat		

For each EBV, the EBV is published on the top row, followed by the accuracy of the EBV on the second row, followed by the percentile band in which the EBV ranks on the bottom row. For each selection index, the selection index is published on the top row, with the percentile band in which the selection index ranks on the bottom row. Accuracy values are not published for selection indexes.





# Angus Australia - Sire Benchmarking Program - Cohort 12

## January 2024 TransTasman Angus Cattle Evaluation

Sire Dam	Name	Statistics				Estimated Breeding Values																						
		Reg.	Num Herd	Prog	Prog 2Yr.	Calv-Ease		Birth		Growth				Fert		Carcase				Feed	Temp	Structural			Selection Index			
						Dir	Dtrs	GL	BW	200	400	600	MCW	Milk	SS	DC	CW	EMA	Rib	P8	RBY	IMF	NFI-F	Doc	Claw	Angle	Leg	\$A
<b>DGJQ30</b> WWEL3 DGJK117	<b>ALLOURA QUINELLA Q30</b> <sup>SV</sup> HBR	7	46	46	+2.3	+2.4	+0.4	+3.1	+53	+98	+119	+123	+16	+3.2	-7.9	+73	+14.0	+0.6	+0.6	+1.2	+4.2	+0.50	+15	+1.02	+1.14	+1.16	\$270	\$451
<b>NAQQ67</b> NMMN334 NAQL96	<b>ARDROSSAN NECTAR Q67</b> <sup>PV</sup> HBR	6	120	101	+3.2	+3.0	-10.2	+4.0	+58	+103	+133	+123	+14	+2.9	-6.3	+57	+7.1	+0.0	-0.6	+0.2	+3.0	-0.07	+43	+0.36	+0.82	+1.10	\$235	\$411
<b>VONN462</b> VONJ507 VONK224	<b>BANQUET NUTTELLA N462</b> <sup>PV</sup> HBR	12	306	212	-2.6	+3.2	-4.7	+6.4	+55	+101	+129	+99	+24	+3.2	-4.3	+67	+3.1	+0.1	-1.4	+0.1	+1.0	-0.35	+53	+0.58	+0.88	+0.92	\$181	\$314
<b>NGXQ227</b> VLYM518 NGXN221	<b>BONGONGO BE QUICK Q227</b> <sup>PV</sup> HBR	12	135	77	+2.5	+1.3	-4.2	+3.4	+51	+94	+114	+65	+24	+3.8	-5.5	+54	+11.4	+0.7	+3.4	+0.1	+5.4	+0.39	+17	+0.60	+0.98	+1.08	\$275	\$408
<b>NGMQ5</b> NORL519 NGMK720	<b>BOOROOMOOKA QUALITY Q5</b> <sup>SV</sup> HBR	6	26	25	+3.4	+7.1	-6.5	+3.7	+55	+103	+144	+140	+20	+2.4	-4.7	+79	-3.5	+1.0	+2.0	-1.8	+5.8	+0.53	+36	+0.76	+0.92	+1.02	\$197	\$382
<b>GTNQ322</b> USA18636106 GTNL198	<b>CHILTERN PARK QUADRANT Q322</b> <sup>PV</sup> HBR	14	209	182	+6.6	+4.7	-2.5	+3.1	+61	+114	+143	+101	+19	+4.3	-5.2	+87	+12.7	-1.1	-1.8	+0.4	+4.3	+0.84	+4	+1.22	+1.08	+1.04	\$283	\$457
<b>USA19611994</b> USA18467508 USA18974126	<b>DB ICONIC G95</b> <sup>PV</sup> HBR	20	122	121	+2.9	+7.5	-2.9	+3.1	+67	+127	+157	+146	+16	+2.9	-3.3	+93	+9.1	+1.2	+0.4	-0.5	+4.5	+0.25	+38	+1.18	+1.00	+0.94	\$251	\$450
<b>USA18217198</b> USA17354178 USA16934264	<b>G A R ASHLAND</b> <sup>PV</sup> HBR	126	2899	271	+1.4	-0.1	-6.1	+3.2	+67	+115	+144	+116	+14	+1.5	-3.1	+81	+12.9	-3.3	-2.7	+1.1	+3.2	+0.08	+10	+1.26	+1.08	+0.86	\$263	\$421
<b>DKKQ110</b> NORK522 DKKM33	<b>HARDHAT K522 KODAK M33 Q110</b> <sup>SV</sup> HBR	5	36	32	+3.9	+9.7	-6.8	+2.3	+47	+85	+116	+109	+15	+2.9	-7.1	+52	+8.1	-1.0	-3.2	+0.9	+3.5	+0.38	+9	+0.64	+0.68	+0.80	\$222	\$391
<b>NHZQ1229</b> NHZF1023 NHZJ823	<b>HAZELDEAN Q1229</b> <sup>PV</sup> APR	8	167	149	+0.4	+4.6	-3.5	+3.8	+55	+101	+125	+80	+21	+4.6	-6.7	+78	+9.0	-1.1	-2.0	+0.4	+4.3	+0.59	+23	+0.78	+1.00	+0.94	\$263	\$408
<b>NHZQ319</b> NHZM586 NHZL1175	<b>HAZELDEAN Q319</b> <sup>PV</sup> APR	5	149	146	+4.3	+9.7	-9.0	+2.8	+55	+106	+139	+135	+17	+3.2	-11.4	+80	+5.4	+1.7	+0.4	-0.6	+4.4	+0.09	+22	+0.90	+1.14	+1.06	\$273	\$488
<b>NZE13300018</b> WWEL3 NZE13300116373	<b>KAKAHU PIVOTAL 18004</b> <sup>PV</sup> HBR	6	177	113	+2.8	+1.6	-7.4	+4.0	+54	+101	+119	+64	+28	+3.7	-7.7	+80	+9.5	+0.4	+0.2	+0.7	+4.1	+0.59	-1	+0.76	+0.98	+1.14	\$295	\$435
<b>VLYR1549</b> USA18217198 VLYP251	<b>LAWSONS ASHLAND R1549</b> <sup>SV</sup> HBR	5	37	37	-3.1	-5.6	-6.5	+3.7	+60	+104	+133	+113	+12	+0.3	-0.1	+82	+16.0	-1.8	-1.6	+1.1	+4.1	+0.56	+24	+1.10	+0.94	+0.80	\$217	\$343
<b>VLYQ44</b> VLYM518 VLYK914	<b>LAWSONS MIRACULOUS Q44</b> <sup>PV</sup> HBR	12	168	71	+4.5	-2.8	-7.2	+3.8	+49	+90	+112	+104	+10	+3.2	-3.6	+49	+21.1	+0.4	+0.3	+2.0	+2.6	+1.00	+35	+0.98	+0.94	+0.96	\$237	\$385
<b>VLYP316</b> USA16295688 VLYM527	<b>LAWSONS PROPHET P316</b> <sup>PV</sup> HBR	6	128	89	+6.1	+5.8	-2.3	+3.2	+56	+87	+102	+58	+16	+0.3	-4.1	+67	+11.2	-3.8	-4.1	+1.7	+3.8	+0.14	+29	+0.64	+0.72	+0.88	\$274	\$397
<b>Breed Average EBVs</b>					<b>+1.9</b>	<b>+2.8</b>	<b>-4.4</b>	<b>+3.9</b>	<b>+51</b>	<b>+92</b>	<b>+119</b>	<b>+101</b>	<b>+17</b>	<b>+2.2</b>	<b>-4.6</b>	<b>+67</b>	<b>+6.6</b>	<b>+0.0</b>	<b>-0.3</b>	<b>+0.5</b>	<b>+2.4</b>	<b>+0.23</b>	<b>+21</b>	<b>+0.85</b>	<b>+0.97</b>	<b>+1.03</b>	<b>+202</b>	<b>+347</b>



# Angus Australia - Sire Benchmarking Program - Cohort 12

## January 2024 TransTasman Angus Cattle Evaluation

Sire Dam	Name	Statistics			Estimated Breeding Values																							
		Reg.	Num Herd	Prog	Prog 2Yr.	Calv-Ease		Birth		Growth				Fert		Carcase				Feed	Temp	Structural			Selection Index			
						Dir	Dtrs	GL	BW	200	400	600	MCW	Milk	SS	DC	CW	EMA	Rib	P8	RBY	IMF	NFI-F	Doc	Claw	Angle	Leg	\$A
<b>BWFQ33</b> USA18181757 BWFN9	<b>MOOGENILLA QUINELLA Q33</b> <sup>PV</sup> HBR	45	1623	1618	+1.0	+10.1	-6.1	+3.9	+58	+117	+147	+81	+26	+2.9	-2.5	+100	+11.2	-1.2	-0.3	+0.1	+4.6	+0.68	+31	+0.86	+0.94	+0.90	\$270	\$415
					80%	64%	99%	99%	98%	98%	94%	88%	79%	97%	53%	82%	86%	84%	84%	79%	85%	70%	95%	88%	89%	84%		
					63	1	24	48	18	3	6	81	3	24	90	2	9	76	49	72	7	90	13	53	41	13	3	8
<b>EGRQ53</b> USA18463791 EGRG2	<b>MOSQUITO CREEK QUALITY Q53</b> <sup>SV</sup> HBR	6	44	28	+8.5	+9.7	-6.7	+0.3	+58	+105	+137	+113	+28	+1.8	-5.4	+82	+1.7	-0.4	-2.1	-0.1	+1.6	-0.01	+30	+1.04	+1.14	+1.04	\$217	\$396
					73%	58%	91%	92%	90%	88%	87%	83%	75%	83%	46%	77%	75%	76%	76%	70%	77%	62%	84%	69%	69%	63%		
					5	2	18	3	17	15	15	30	2	62	31	13	94	58	80	81	67	25	16	84	84	53	35	16
<b>SMPQ1357</b> NORL519 SMPM18	<b>PATHFINDER QUEST Q1357</b> <sup>PV</sup> HBR	10	88	88	-2.6	-0.4	-6.4	+5.4	+63	+116	+162	+176	+18	+1.9	-5.2	+81	+4.8	-1.3	-2.6	+0.6	+3.8	+0.43	+31	+0.88	+0.76	+0.98	\$213	\$408
					76%	65%	94%	95%	93%	91%	89%	85%	78%	85%	55%	80%	76%	77%	78%	71%	79%	67%	88%	70%	70%	69%		
					85	81	21	80	6	4	2	1	41	58	36	15	70	78	86	41	16	73	14	57	9	33	40	11
<b>WQCQ47</b> VLYM518 VLYM1690	<b>QUANDEN SPRINGS QUICKSILVER</b> HBR	6	52	50	+10.2	+7.7	-9.5	-0.8	+51	+98	+131	+118	+29	+5.0	-5.2	+49	+12.2	+1.4	+1.1	+0.3	+3.3	+0.22	+25	+1.08	+1.08	+1.06	\$230	\$415
					76%	64%	91%	92%	90%	89%	88%	84%	77%	85%	52%	79%	77%	78%	78%	71%	79%	68%	87%	70%	74%	70%		
					2	8	3	1	50	30	24	23	2	2	36	92	6	19	25	60	25	50	30	89	74	59	22	8
<b>NORQ1081</b> NORH708 NORL841	<b>RENNYLEA Q1081</b> <sup>PV</sup> APR	5	53	44	-1.4	+5.0	-3.8	+3.6	+50	+88	+112	+100	+11	+3.4	-5.8	+47	+10.5	+0.3	-0.8	+0.8	+6.3	+0.77	+13	+0.88	+0.94	+0.86	\$250	\$398
					76%	65%	92%	93%	91%	89%	88%	85%	79%	87%	56%	80%	79%	79%	80%	74%	81%	71%	88%	77%	79%	74%		
					79	30	60	41	52	62	65	51	91	13	23	94	12	41	58	29	1	93	80	57	41	8	9	15
<b>NZE21159019</b> USA18217198 NZE21159117053	<b>SEVEN HILLS 312/19</b> <sup>PV</sup> HBR	4	34	33	+2.0	+3.8	-7.6	+3.3	+51	+93	+116	+86	+20	-0.9	-2.3	+68	+8.4	-3.8	-4.7	+1.0	+4.2	+0.82	+6	+1.06	+0.92	+0.92	\$217	\$343
					75%	64%	92%	91%	89%	85%	85%	83%	77%	81%	45%	76%	72%	73%	73%	65%	76%	64%	86%	74%	74%	70%		
					55	43	10	34	47	45	57	73	24	99	92	49	28	99	98	19	11	95	95	87	36	17	35	57
<b>APBR5</b> TFAK132 HBUP80	<b>SHACORRAHDALU ROYALE R5</b> <sup>PV</sup> HBR	10	71	71	+7.6	+7.9	-6.5	+2.2	+48	+93	+116	+70	+23	+2.5	-6.3	+71	+9.6	+3.2	+3.8	+0.4	+3.2	+0.80	+12	+0.82	+1.06	+0.80	\$274	\$427
					75%	63%	93%	93%	91%	86%	86%	83%	77%	81%	49%	77%	71%	72%	73%	65%	75%	64%	87%	77%	73%	69%		
					9	7	20	15	63	47	56	90	10	36	16	40	18	4	4	53	27	94	84	44	70	3	2	5
<b>VTMN1387</b> VTMK138 VTML452	<b>TE MANIA NEON N1387</b> <sup>SV</sup> HBR	13	463	244	+0.4	+2.7	-6.0	+3.7	+49	+87	+109	+89	+20	+1.5	-8.0	+48	+0.9	-0.2	-1.4	-1.8	+9.1	+0.05	+26	+0.78	+0.82	+1.02	\$234	\$379
					80%	67%	98%	98%	97%	97%	95%	88%	79%	95%	57%	86%	88%	85%	87%	80%	87%	71%	97%	95%	95%	94%		
					68	55	26	43	60	64	73	70	29	73	3	93	96	53	69	99	1	31	27	35	16	46	18	27
<b>VTMQ854</b> USA18229488 VTML1244	<b>TE MANIA QUEBEC Q854</b> <sup>SV</sup> HBR	11	444	372	+8.7	+2.6	-2.5	+1.4	+52	+92	+124	+84	+25	+1.1	-3.4	+62	+4.7	+0.8	+2.2	-0.4	+4.0	+0.60	+29	+0.70	+0.86	+0.78	\$226	\$366
					84%	66%	98%	98%	96%	97%	93%	87%	78%	95%	50%	81%	84%	82%	83%	76%	83%	66%	96%	94%	94%	92%		
					5	56	79	8	41	49	39	76	6	85	78	66	72	30	13	90	14	86	18	21	23	2	26	37
<b>Breed Average EBVs</b>					<b>+1.9</b>	<b>+2.8</b>	<b>-4.4</b>	<b>+3.9</b>	<b>+51</b>	<b>+92</b>	<b>+119</b>	<b>+101</b>	<b>+17</b>	<b>+2.2</b>	<b>-4.6</b>	<b>+67</b>	<b>+6.6</b>	<b>+0.0</b>	<b>-0.3</b>	<b>+0.5</b>	<b>+2.4</b>	<b>+0.23</b>	<b>+21</b>	<b>+0.85</b>	<b>+0.97</b>	<b>+1.03</b>	<b>+202</b>	<b>+347</b>



## UNDERSTANDING THE ASBP SIRE LISTING - PROGENY PERFORMANCE

This listing provides an indication on how the sires are performing within the ASBP. *The values listed can only be validly used to compare sires within each cohort of the ASBP.*

**For selection purposes it is strongly advised that the EBVs and selection indexes listed in section 1 of the report be used primarily.** They are the highest accuracy information to use in selection as they take into account all available industry data including the data generated from the ASBP. They also account for information from all known relatives and genetic correlations between traits as well as being able to be compared across cohorts and the Angus population.

### Interpreting the ASBP Progeny Performance Listing

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
ABBOTT PERFORMER E32	ESTE32	17	467.8	1
ABERDEEN ESTATE EXCITE E21	AHWE21	7	444.1	19
ANVIL ENFORCER E183	HBUE183	14	452.8	7
ARDROSSAN EXACT E162	NAQE162	12	449.5	11
ARDROSSAN FAIRFAX F21	NAQF21	9	437.8	28
AYRVALE BARTEL E7	HIOE7	17	455.0	5
BALMORAH HIGHLINE FC126	DFC126	3	439.7	13

**Number of progeny** = Number of progeny the sire has recorded for the specified trait. This excludes any progeny in single animal contemporary groups.

**Progeny Average** = The average performance of this sire's progeny for the specified trait in the ASBP. The average is calculated using adjusted data (i.e. the standard adjustments for the age of the progeny and age of the dams). It is calculated using a least squares means (LSM) model which takes into account herd and contemporary group.

**Rank** = The ranking position of the sire within the specified cohort. The ranking order will depend on the trait. E.g. 200 Day weight ranked in descending order, while birth weight is ranked in ascending order.

The lists are sorted on sire name for the specified cohort.

The date the progeny performance values were produced is listed in the bottom left hand margin of the report. The reports will be regularly updated as further ASBP data is recorded and analysed.

### Progeny Performance Traits and Interpretation

Separate sections for the following traits are included in the ASBP Progeny Performance listing:

**Birth Weight:** Weight of birth in kilograms recorded on both steer and heifer progeny. Sires are ranked in ascending order with lower values indicating lighter birth weight.

**Gestation Length:** Length of gestation in days recorded on both steer and heifer progeny. Sires are ranked in ascending order with lower values indicating shorter gestation length.



**200 Day Weight:** Weight at 200 days (i.e. weaning weight) in kilograms recorded on both steer and heifer progeny. Sires are ranked in descending order with higher values indicating more weight.

**400 Day Weight:** Weight at 400 days (i.e. yearling weight) in kilograms recorded on both steer and heifer progeny. Sires are ranked in descending order with higher values indicating more weight.

**600 Day Weight:** Weight at 600 days (i.e. 18 month weight) in kilograms recorded on both steer and heifer progeny. Sires are ranked in descending order with higher values indicating more weight.

**Days to Calving:** Length of days from bull introduction (i.e. bull in date) to calving. This is recorded on the heifer progeny for their first joining as yearlings. Sires are ranked in ascending order with lower values indicating shorter days to calving and improved female reproduction.

**Scan Eye Muscle Area (EMA):** Eye muscle area in cm<sup>2</sup> from ultrasound scanning both steer and heifer progeny at a standard 500 days of age. Sires are ranked in descending order with higher values indicating larger eye muscle area.

**Scan Rib Fat:** Rib fat in mm from ultrasound scanning both steer and heifer progeny at a standard 500 days of age. Sires are ranked in descending order with higher values indicating more fat over the ribs.

**Scan Rump Fat:** Rump (i.e. P8) fat in mm from ultrasound scanning both steer and heifer progeny at a standard 500 days of age. Sires are ranked in descending order with higher values indicating more fat over the rump.

**Scan Intramuscular Fat (IMF):** Percentage of Intramuscular fat from ultrasound scanning both steer and heifer progeny at a standard 500 days of age. Sires are ranked in descending order with higher values indicating more intramuscular fat.

**Carcase Weight:** Weight of the hot standard carcass in kilograms at a standard 750 days of age recorded on steer progeny. Sires are ranked in descending order with higher values indicating more carcass weight.

**Carcase Eye Muscle Area (EMA):** Eye muscle area in cm<sup>2</sup> in a standard 400 kg carcass measured on steer progeny. Sires are ranked in descending order with higher values indicating larger eye muscle area.

**Carcase Rump Fat:** Subcutaneous fat measurement in mm at the P8 rump site in a standard 400 kg carcass measured on steer progeny. Sires are ranked in descending order with higher values indicating more rump fat.

**Carcase Rib Fat:** Subcutaneous fat measurement in mm at the 12<sup>th</sup> and 13<sup>th</sup> Rib site in a standard 400 kg carcass measured on steer progeny. Sires are ranked in descending order with higher values indicating more rib fat.

**Carcase Intramuscular Fat (IMF):** Percentage of Intramuscular fat (by near infrared spectrophotometry or NIR at the UNE meat science laboratory) in a standard 400 kg carcass measured on steer progeny. Sires are ranked in descending order with higher values indicating more intramuscular fat.

**Net Feed Intake (NFI):** Feed intake at a standard weight and rate of weight gain recorded on steer progeny at Tullimba Research Feedlot. NFI is expressed as kilograms of feed intake per day. Sires are ranked in ascending order with lower values indicating better feed efficiency through less feed intake for a standard weight and rate of gain.

**Meat Standards Australia (MSA) Marbling Score:** Marbling score recorded by the Meat Standards Australia (MSA) grader in the chiller on steer progeny based on a standard 400 kg carcass. Sires are ranked in descending order with higher values indicating more marbling in the carcass.

**Meat Standards Australia (MSA) Ossification:** Ossification score recorded by the Meat Standards Australia (MSA) grader in the chiller on steer progeny. Sires are ranked in ascending order with lower values indicating younger physiological maturity.

**Meat Standards Australia (MSA) Index:** The MSA Index is an indication of the overall eating quality of beef from the carcass as influenced by a range of factors such as marbling score and ossification. It is generated for steer progeny from the ASBP based on MSA grading data in the chiller. Sires are ranked in ascending order with higher values indicating higher eating quality.

**Shear Force:** Shear Force is a measurement in the kilograms of the force required to pull a mechanical blade through a piece of cooked beef from the striploin sample of the ASBP steer progeny. It is measured through the UNE meat science laboratory. Sires are ranked in ascending order with lower values indicating less shear force and more tender beef.





## Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 12 - Birth Weight (kg)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
ALLOURA QUINELLA Q30	DGJQ30	28	34.8	10
ARDROSSAN NECTAR Q67	NAQQ67	25	34.9	11
BANQUET NUTTELLA N462	VONN462	16	37.4	24
BONGONGO BE QUICK Q227	NGXQ227	31	35.5	19
BOOROOMOOKA QUALITY Q5	NGMQ5	26	35.3	17
CHILTERN PARK QUADRANT Q322	GTNQ322	30	35.1	15
DB ICONIC G95	USA19611994	37	34.2	6
G A R ASHLAND	USA18217198	24	35.0	13
HARDHAT K522 KODAK M33 Q110	DKKQ110	29	34.0	5
HAZELDEAN Q1229	NHZQ1229	33	34.5	7
HAZELDEAN Q319	NHZQ319	27	34.5	7
KAKAHU PIVOTAL 18004	NZE13300018004	34	35.0	13
LAWSONS ASHLAND R1549	VLYR1549	27	36.0	22
LAWSONS MIRACULOUS Q44	VLYQ44	24	33.8	3
LAWSONS PROPHET P316	VLYP316	17	35.6	20
MOOGENILLA QUINELLA Q33	BWFQ33	13	34.6	9
MOSQUITO CREEK QUALITY Q53	EGRQ53	26	33.3	2
PATHFINDER QUEST Q1357	SMPQ1357	34	34.9	11
QUANDEN SPRINGS QUICKSILVER Q47	WQCQ47	24	32.9	1
RENNYLEA Q1081	NORQ1081	21	35.3	17
SEVEN HILLS 312/19	NZE21159019312	25	35.9	21
SHACORRAHDALU ROYALE R5	APBR5	28	35.1	15
TE MANIA NEON N1387	VTMN1387	31	36.4	23
TE MANIA QUEBEC Q854	VTMQ854	36	33.9	4



## Angus Sire Benchmarking Program - Progeny Performance Report

### Cohort: 12 - Gestation Length (days)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
ALLOURA QUINELLA Q30	DGJQ30	21	282.4	24
ARDROSSAN NECTAR Q67	NAQQ67	18	276.2	1
BANQUET NUTTELLA N462	VONN462	10	279.3	9
BONGONGO BE QUICK Q227	NGXQ227	23	281.2	20
BOOROOMOOKA QUALITY Q5	NGMQ5	20	278.9	7
CHILTERN PARK QUADRANT Q322	GTNQ322	18	281.5	21
DB ICONIC G95	USA19611994	26	280.4	18
G A R ASHLAND	USA18217198	21	278.7	4
HARDHAT K522 KODAK M33 Q110	DKKQ110	19	279.1	8
HAZELDEAN Q1229	NHZQ1229	22	280.6	19
HAZELDEAN Q319	NHZQ319	22	277.6	2
KAKAHU PIVOTAL 18004	NZE13300018004	22	279.4	10
LAWSONS ASHLAND R1549	VLYR1549	18	279.4	10
LAWSONS MIRACULOUS Q44	VLYQ44	20	279.8	14
LAWSONS PROPHET P316	VLYP316	11	282.1	23
MOOGENILLA QUINELLA Q33	BWFQ33	14	279.8	14
MOSQUITO CREEK QUALITY Q53	EGRQ53	17	278.8	6
PATHFINDER QUEST Q1357	SMPQ1357	24	279.8	14
QUANDEN SPRINGS QUICKSILVER Q47	WQCQ47	17	278.3	3
RENNYLEA Q1081	NORQ1081	19	279.4	10
SEVEN HILLS 312/19	NZE21159019312	17	278.7	4
SHACORRAHDALU ROYALE R5	APBR5	16	279.4	10
TE MANIA NEON N1387	VTMN1387	22	279.9	17
TE MANIA QUEBEC Q854	VTMQ854	22	281.9	22



## Angus Sire Benchmarking Program - Progeny Performance Report

### Cohort: 12 - 200 Day Weight (kg)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
ALLOURA QUINELLA Q30	DGJQ30	24	241.7	4
ARDROSSAN NECTAR Q67	NAQQ67	26	235.4	15
BANQUET NUTTELLA N462	VONN462	14	246.0	2
BONGONGO BE QUICK Q227	NGXQ227	26	232.7	20
BOOROOMOOKA QUALITY Q5	NGMQ5	23	234.8	18
CHILTERN PARK QUADRANT Q322	GTNQ322	26	236.2	11
DB ICONIC G95	USA19611994	36	240.1	5
G A R ASHLAND	USA18217198	23	238.6	8
HARDHAT K522 KODAK M33 Q110	DKKQ110	27	232.6	21
HAZELDEAN Q1229	NHZQ1229	26	242.7	3
HAZELDEAN Q319	NHZQ319	28	236.3	10
KAKAHU PIVOTAL 18004	NZE13300018004	32	235.5	14
LAWSONS ASHLAND R1549	VLYR1549	26	246.7	1
LAWSONS MIRACULOUS Q44	VLYQ44	21	228.5	23
LAWSONS PROPHET P316	VLYP316	15	237.7	9
MOOGENILLA QUINELLA Q33	BWFQ33	7	235.3	16
MOSQUITO CREEK QUALITY Q53	EGRQ53	23	239.5	7
PATHFINDER QUEST Q1357	SMPQ1357	33	235.1	17
QUANDEN SPRINGS QUICKSILVER Q47	WQCQ47	22	239.6	6
RENNYLEA Q1081	NORQ1081	22	235.9	13
SEVEN HILLS 312/19	NZE21159019312	23	233.4	19
SHACORRAHDALU ROYALE R5	APBR5	25	231.0	22
TE MANIA NEON N1387	VTMN1387	27	225.6	24
TE MANIA QUEBEC Q854	VTMQ854	36	236.1	12



## UNDERSTANDING THE ASBP SIRE LISTING - PROGENY PERFORMANCE II CATEGORICAL TRAITS

This listing provides an indication on how the sires are performing for several categorical (i.e. scored) traits within the ASBP, through their progeny.

*For selection purposes it is strongly advised that the TACE EBVs and selection indexes listed in section 1 of the report be used primarily. They are the highest accuracy information to use in selection as they take into account all available industry data including the data generated from the ASBP. They also account for information from all known relatives and genetic correlations between traits as well as being able to be compared across cohorts and the Angus population.*

### Interpreting the ASBP Progeny Performance Listing



### Angus Sire Benchmarking Program - Progeny Performance Report Cohort: 8 - Claw Set (Score)

Sire Name	Sire ID	Number of Progeny	Progeny % Score 5-6	Rank
AJC L172	NXOL172	33	36.4	30
ALLOURA LOCK STOCK & BARREL L94	DGJL94	10	40.0	28
BEN NEVIS JUDO J158	NBNJ158	5	60.0	12
BOOROOMOOKA LEROY L173	NGML173	25	44.0	25
BRIDGEWATER STIMULUS K65	BONK065	24	79.2	2
BROOKLANA INFINITY L39	AMQL39	25	52.0	18
CHILTERN PARK MARRIES M3	GTNM3	23	69.6	8

**Number of progeny** = Number of progeny the sire has recorded within the ASBP for the specified trait.

**Progeny %** = The percentage of ASBP progeny displaying the desirable score for the specified trait. The scores deemed ideal are listed in traits section below.

**Rank** = The ranking position (descending order) of the sire within the specified cohort.

The lists are sorted on sire name for the specified cohort. The date the progeny performance values were produced is listed in the bottom left hand margin of the report. The reports will be regularly updated as further ASBP data is recorded and analysed.

### Progeny Performance Categorical Traits and Interpretation

Separate sections for the following traits are included in the ASBP Progeny Performance listing:

**Dockility:** Percentage of progeny displaying a crush dockility score, taken at weaning, of 1 or 1.5 (out of 5). Higher Progeny % values indicate a higher percentage of progeny with desirable temperament.

**Claw Set:** Percentage of progeny displaying a front feet claw set score, taken around 12 to 18 months of age, of 5 or 6 (out of the 1 to 9 scoring range). Higher Progeny % values indicate a higher percentage of progeny with structure of optimal score for front foot claw set.

**Foot Angle:** Percentage of progeny displaying a front feet angle score, taken around 12 to 18 months or age, of 5 or 6 (out of the 1 to 9 scoring range). Higher Progeny % values indicate a higher percentage of progeny with structure of optimal score for front feet angle.

**Coat Type:** Percentage of progeny displaying a coat type score, taken around 12 to 18 months or age, of 1, 1.5 or 2 (out of 7). Higher Progeny % values indicate a higher percentage of slick coated progeny.

Further information on the scoring systems are available from the Angus Education Centre - <https://www.angusaustralia.com.au/education/>





## UNDERSTANDING THE ASBP SIRE LISTING - PROGENY PERFORMANCE SUMMARY TABLE

This listing provides an indication of how the sires are performing within the ASBP. *The values listed can only be validly used to compare sires within each cohort of the ASBP.*

**For selection purposes it is strongly advised that the EBVs and selection indexes listed in section 1 of the report be used primarily.** They are the highest accuracy information to use in selection as they take into account all available industry data including the data generated from the ASBP. They also account for information from all known relatives and genetic correlations between traits as well as being able to be compared across cohorts and the Angus population.

### Interpreting the ASBP Progeny Performance Summary Table

Angus Sire Benchmarking Program - Cohort 3												
Summary of Progeny Averages (rank)												
Sire ID Name	BW	GL	WW	YW	FW	DTC	SCAN EMA	SCAN RIB	SCAN RUMP	SCAN IMF	CARC WT	Age
DGJF27 ALLOURA FOURTH DIMENSION F27	34.1 (1)	282.8 (23)	192.1 (35)	359.3 (40)	512.9 (36)	300.7 (16)	66.0 (15)	8.5 (1)	10.8 (1)	6.4 (1)	426.6 (36)	8
DGJG19 ALLOURA GET UP-AND-GO G19	37.0 (15)	283.0 (24)	202.7 (17)	396.7 (13)	537.3 (21)	290.1 (1)	64.9 (26)	7.8 (8)	10.0 (14)	5.4 (24)	432.3 (31)	8
CGKE9 ALPINE EXTRA SPECIAL E9	37.1 (18)	279.1 (4)	190.7 (39)	370.2 (37)	515.0 (34)	316.6 (40)	62.4 (39)	5.8 (40)	7.7 (39)	4.9 (40)	434.6 (30)	8
WJMF96 ARDCAIRNIE F96	36.2 (7)	281.7 (17)	198.9 (21)	390.3 (18)	551.2 (10)	310.5 (37)	69.0 (2)	7.7 (10)	10.1 (11)	5.6 (12)	465.0 (11)	8
NBBG117 BALD BLAIR NEW DESIGN G117	36.3 (9)	282.1 (20)	197.0 (29)	397.5 (11)	544.0 (12)	302.1 (22)	67.0 (11)	7.4 (18)	9.3 (28)	5.0 (39)	453.4 (19)	8
WMYF3 BLACKROCK F3	36.5 (10)	279.0 (3)	204.3 (11)	388.2 (22)	555.2 (8)	301.5 (19)	67.2 (9)	7.6 (14)	10.3 (8)	5.7 (10)	479.1 (2)	8
NGMF510 BOOROOMOOKA FRANKEL F510	40.3 (39)	281.3 (14)	200.3 (20)	405.9 (3)	555.5 (7)	304.1 (26)	65.8 (16)	7.3 (20)	10.1 (11)	5.4 (24)	444.3 (26)	8

**Progeny Average** = The average performance of this sires progeny for the specified trait in the ASBP. The average is calculated using adjusted data (i.e. the standard adjustments for the age of the progeny and age of the dams). It is calculated using a least squares means (LSM) model which takes into herd and contemporary group.

**Rank** = The ranking position of the sire within the specified cohort (in brackets). The ranking order will depend on the trait. E.g. 200 Day weight ranked in descending order, while birth weight is ranked in ascending order.

For easy interpretation colour coding has been applied to the ranking being:

- Rank 1 to 5 (dark green with white text). E.g. 

34.1 (1)
-------------
- Rank 6 to 10 (light green with black text). E.g. 

36.5 (10)
--------------

The definition of the traits are detailed in the previous section of this report titled "*Understanding the ASBP Progeny Performance Listing*"

The table is sorted on sire name for the specified cohort.

The date the progeny performance values were produced is listed in the bottom left hand margin of the report. The reports will be regularly updated as further ASBP data is recorded and analysed.



## Angus Sire Benchmarking Program - Cohort 12

### Summary of Progeny Averages (rank)

Sire ID Name	BW	GL	WW	YW	FW	DTC	SCAN EMA	SCAN RIB	SCAN RUMP	SCAN IMF	CARC WT	CARC EMA	CARC IMF	NFI-f	MSA MBL	MSA OSS	MSA IND	DOC	CLAW	ANGLE	CT
DGJQ30 ALLOURA QUINELLA Q30	34.8 (10)	282.4 (24)	241.7 (4)																		
NAQQ67 ARDROSSAN NECTAR Q67	34.9 (11)	276.2 (1)	235.4 (15)																		
VONN462 BANQUET NUTTELLA N462	37.4 (24)	279.3 (9)	246.0 (2)																		
NGXQ227 BONGONGO BE QUICK Q227	35.5 (19)	281.2 (20)	232.7 (20)																		
NGMQ5 BOOROOMOOKA QUALITY Q5	35.3 (17)	278.9 (7)	234.8 (18)																		
GTNQ322 CHILTERN PARK QUADRANT Q322	35.1 (15)	281.5 (21)	236.2 (11)																		
USA19611994 DB ICONIC G95	34.2 (6)	280.4 (18)	240.1 (5)																		
USA18217198 G A R ASHLAND	35.0 (13)	278.7 (4)	238.6 (8)																		
DKKQ110 HARDHAT K522 KODAK M33 Q110	34.0 (5)	279.1 (8)	232.6 (21)																		
NHZQ1229 HAZELDEAN Q1229	34.5 (7)	280.6 (19)	242.7 (3)																		
NHZQ319 HAZELDEAN Q319	34.5 (7)	277.6 (2)	236.3 (10)																		
NZE13300018004 KAKAHU PIVOTAL 18004	35.0 (13)	279.4 (10)	235.5 (14)																		
VLJR1549 LAWSONS ASHLAND R1549	36.0 (22)	279.4 (10)	246.7 (1)																		
VLYQ44 LAWSONS MIRACULOUS Q44	33.8 (3)	279.8 (14)	228.5 (23)																		
VLYP316 LAWSONS PROPHET P316	35.6 (20)	282.1 (23)	237.7 (9)																		
BWFQ33 MOOGENILLA QUINELLA Q33	34.6 (9)	279.8 (14)	235.3 (16)																		
EGRQ53 MOSQUITO CREEK QUALITY Q53	33.3 (2)	278.8 (6)	239.5 (7)																		
SMPQ1357 PATHFINDER QUEST Q1357	34.9 (11)	279.8 (14)	235.1 (17)																		
WQCQ47 QUANDEN SPRINGS QUICKSILVER Q47	32.9 (1)	278.3 (3)	239.6 (6)																		
NORQ1081 RENNYLEA Q1081	35.3 (17)	279.4 (10)	235.9 (13)																		
NZE21159019312 SEVEN HILLS 312/19	35.9 (21)	278.7 (4)	233.4 (19)																		
APBR5 SHACORRAHDALU ROYALE R5	35.1 (15)	279.4 (10)	231.0 (22)																		



## Angus Sire Benchmarking Program - Cohort 12

### Summary of Progeny Averages (rank)

Sire ID Name	BW	GL	WW	YW	FW	DTC	SCAN EMA	SCAN RIB	SCAN RUMP	SCAN IMF	CARC WT	CARC EMA	CARC IMF	NFI-f	MSA MBL	MSA OSS	MSA IND	DOC	CLAW	ANGLE	CT	
VTMN1387 TE MANIA NEON N1387	36.4 (23)	279.9 (17)	225.6 (24)																			
VTMQ854 TE MANIA QUEBEC Q854	33.9 (4)	281.9 (22)	236.1 (12)																			