AngusSire™
Benchmarking Program

PROGENY PERFORMANCE REPORT

COHORT 10

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
Kerwee Lot Feeders
John Dee Abattoir
University of New England (UNE)
Vetoquinol
Zoetis Animals 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, 3673
Bruce and Anna Allworth, Talooby, Holbrook, NSW, 2644

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).

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 objectives of the ASBP include:

1. Generate progeny test data on modern Angus bulls, particularly for hard to measure traits such as feed efficiency, abattoir carcase measurement, meat quality attributes & female reproduction.
2. Generate data for the validation & refinement of Trans-Tasman Angus Cattle Evaluation.
3. Build a comprehensive phenotype and genotype database on Australian Angus for genomic technology validation, research and development.

To meet the project objectives Angus Australia aims to join an average of 40 sires a year to approximately 2,000 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, Strategic Projects Manager, Angus Australia on phone: (02) 6773 4620, mobile: 0457 457 141 or email: christian@angusaustralia.com.au

Further information on the ASBP is listed on the Angus Australia website www.angusaustralia.com.au

UNDERSTANDING 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	
Sire Dam	Reg.	Num Herd	Prog	Prog 2Yr.	Dir	Dtrs	GL	BW	200	400	600	MCW	Milk	SS	DC	CW	EMA	Rib	P8	RBY	IMF	NFI-F	Doc	Angle	Claw	$A	$A-L
USA17960722	**BALDRIDGE BEAST MODE B074**				+7.0	+6.0	-3.6	+3.5	+74	+121	+150	+121	+13	+2.7	-5.8	+77	+5.2	-1.2	-2.3	+1.0	+2.6	+0.15	+21	+0.52	+0.56	$303	$494
USA16295688 USA17149410	HBR	185	3903	2115	91% 15	74% 19	99% 65	99% 34	98% 1	99% 1	98% 3	94% 14	91% 79	98% 19	59% 28	89% 12	90% 60	90% 82	87% 91	85% 28	88% 25	74% 47	98% 9	97% 1	97% 6	1	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
Dtrs	Calving Ease Daughters
GL	Gestation Length
BW	Birth Weight
200	200 Day Growth
400	400 Day Weight
600	600 Day Weight
MCW	Mature Cow Weight
Milk	Milk
SS	Scrotal Size
DC	Days to Calving
CW	Carcase Weight
EMA	Eye Muscle Area
RIB	Rib Fat
P8	Rump Fat
RBY	Retail Beef Yield
IMF	Intramuscular Fat
NFI-F	Net Feed Intake (Feedlot)
DOC	Docility
Angle	Foot Angle
Claw	Claw Set
$A	Angus Breeding Index
$A-L	Angus Breeding Low Feed Cost Index

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 10
July 2022 TransTasman Angus Cattle Evaluation

Ident	Name	Statistics			Estimated Breeding Values																							
					Calv-Ease		Birth		Growth					Fert		Carcase						Feed	Temp	Structural		Selection Index	
Sire Dam	Reg.	Num Herd	Prog	Prog 2Yr.	Dir	Dtrs	GL	BW	200	400	600	MCW	Milk	SS	DC	CW	EMA	Rib	P8	RBY	IMF	NFI-F	Doc	Angle	Claw	$A	$A-L
NAQN329	**ARDROSSAN HOLBROOK N329** PV				+0.8	-1.4	-4.3	+2.8	+47	+90	+118	+83	+24	+2.6	-9.6	+73	+6.5	+2.0	+2.8	-2.3	+4.6	+1.33	-1	+1.00	+0.78	$240	$381
NAQH318	HBR	8	174	167	70%	58%	95%	93%	91%	91%	86%	80%	71%	74%	49%	77%	77%	82%	78%	76%	78%	80%	79%	83%	80%		
NAQK30					66	85	56	21	63	46	47	79	7	26	2	27	42	8	3	99	1	99	78	55	35	12	21
NAQM101	**ARDROSSAN MAGISTRATE M101** PV				+1.7	+2.4	-8.3	+4.9	+55	+104	+135	+101	+19	+2.1	-5.2	+72	+8.8	-0.4	-0.7	+2.2	+2.2	+1.02	-12	+0.80	+0.60	$254	$407
NAQH255	HBR	8	199	24	81%	67%	97%	97%	95%	94%	93%	87%	79%	93%	57%	82%	80%	83%	81%	79%	80%	79%	81%	89%	88%		
NAQH230					59	56	7	68	22	13	15	48	35	45	39	31	15	61	58	5	43	99	95	13	8	6	9
NBBN47	**BALD BLAIR NELSON N47** PV				+5.2	+1.7	-5.7	+4.6	+58	+107	+158	+155	+20	+1.3	-2.4	+79	+4.7	-2.7	-2.2	+0.9	+2.6	-0.27	+18	+1.14	+1.08	$197	$389
HIOG18	HBR	10	82	26	72%	60%	95%	94%	90%	91%	90%	84%	75%	87%	52%	79%	79%	82%	79%	77%	79%	79%	84%	85%	85%		
NBBL83					29	63	33	61	12	9	2	2	27	78	84	12	72	98	88	33	29	8	18	83	88	50	16
ECMN187	**BANNABY REALITY N187** SV				+9.1	+7.1	-7.3	+3.5	+48	+77	+91	+82	+11	+4.2	-8.2	+57	+7.1	+2.8	+1.5	-0.2	+2.9	+0.43	-8	+1.12	+0.80	$217	$366
NZE14647008839	HBR	6	59	54	72%	64%	94%	92%	88%	89%	89%	82%	73%	83%	60%	78%	79%	82%	80%	78%	79%	79%	81%	86%	86%		
ECMF113					5	11	14	35	60	85	93	81	92	3	6	82	33	3	11	76	20	78	90	80	39	29	31
HCAN20	**BOONAROO KASBAH N20** SV				+6.5	+4.4	-6.6	+4.8	+46	+86	+113	+99	+19	+3.1	-5.1	+56	+7.6	-0.1	+0.4	+1.0	+1.6	+0.67	-5	+1.00	+0.94	$185	$336
VTMK338	HBR	6	74	61	67%	53%	93%	93%	89%	89%	84%	78%	70%	79%	44%	75%	75%	80%	77%	74%	76%	81%	86%	88%	88%		
HCAL54					19	35	21	66	68	61	58	52	38	14	41	84	26	51	29	29	67	93	86	55	69	63	53
NGMN418	**BOOROOMOOKA JACKPOT N418** PV				+2.6	+3.9	-8.7	+5.6	+65	+114	+147	+134	+14	+3.2	-9.9	+89	+8.5	-0.2	+0.6	+0.8	+3.2	+0.15	+10	+1.10	+1.32	$279	$480
WWEL3	HBR	9	139	121	71%	60%	94%	95%	92%	91%	89%	84%	73%	87%	50%	78%	76%	81%	78%	76%	77%	75%	93%	88%	87%		
NGML471					52	40	5	81	3	3	5	8	81	12	1	3	17	54	25	36	13	46	43	77	99	1	1
NGMN213	**BOOROOMOOKA NORMANDY N213**				+12.0	+9.4	-8.8	+0.5	+39	+72	+96	+77	+22	+2.7	-6.1	+57	+6.8	-1.6	-1.2	+1.7	+2.4	+1.09	+24	+0.66	+0.76	$209	$345
NGML201	HBR	5	128	127	67%	53%	93%	95%	92%	92%	89%	81%	69%	88%	45%	77%	75%	81%	77%	74%	76%	75%	92%	89%	88%		
NGML45					1	2	5	3	93	93	88	86	14	23	24	81	37	88	70	11	35	99	9	2	31	38	46
AMQN9	**BROOKLANA GENESIS N9** PV				+0.7	+4.4	-5.2	+6.8	+62	+113	+147	+130	+27	+5.5	-3.1	+91	+13.6	-1.5	-2.6	+3.5	+1.6	+0.80	-5	+1.04	+1.02	$222	$397
SMPG357	HBR	7	44	37	71%	60%	93%	90%	86%	86%	85%	80%	72%	72%	54%	78%	78%	83%	79%	78%	79%	82%	81%	85%	85%		
AMQL11					66	35	41	94	6	4	5	10	2	1	75	2	1	87	92	1	67	97	86	65	81	24	13
GTNP9	**CHILTERN PARK PICASSO P9** PV				+10.7	+6.7	-3.8	+1.2	+57	+104	+135	+95	+26	+3.2	-8.3	+88	+5.0	-1.0	-0.7	-0.4	+3.1	+0.61	+23	+0.72	+0.84	$275	$447
HKFJ5	HBR	18	158	122	73%	62%	97%	95%	89%	90%	89%	82%	72%	86%	54%	78%	78%	81%	79%	77%	77%	72%	74%	79%	78%		
GTNK26					2	14	64	5	15	12	16	59	4	12	5	3	67	77	58	82	16	91	10	5	48	2	2
QMUM13	**CLUNES CROSSING DUSTY M13** PV				+2.9	+3.9	-8.1	+5.3	+66	+102	+120	+76	+22	+1.1	-9.7	+75	+15.9	+0.1	-2.1	+2.9	+2.6	+0.40	-5	+0.96	+0.98	$338	$482
USA16295688	HBR	76	1387	640	89%	78%	99%	99%	98%	98%	98%	95%	90%	97%	60%	86%	87%	87%	85%	82%	85%	83%	97%	96%	96%		
QMUG1					49	40	8	76	2	16	41	87	15	84	2	21	1	45	87	1	29	76	85	45	75	1	1
NGCN208	**DULVERTON NEW APPROACH N208**				+1.2	+3.8	-6.5	+3.9	+54	+90	+120	+119	+13	+1.6	-5.5	+69	+8.7	-2.0	-2.6	+1.9	+2.4	-0.13	+22	+1.10	+1.02	$212	$370
WWEL3	HBR	9	203	122	70%	61%	95%	91%	93%	93%	93%	83%	77%	88%	52%	79%	80%	82%	80%	77%	79%	78%	79%	85%	85%		
NGCG037					63	42	22	44	29	49	41	20	84	67	34	41	15	93	92	8	35	16	11	77	81	34	28
QBGK112	**GLENOCH KALLANGUR K112** PV				-7.4	-3.9	-3.6	+7.0	+56	+97	+125	+110	+15	+2.0	-8.2	+82	+8.9	+0.4	+1.8	+0.5	+2.6	+0.52	+6	+0.76	+0.72	$221	$358
NAQA241	HBR	5	137	75	74%	65%	93%	95%	92%	92%	92%	83%	81%	89%	60%	79%	80%	83%	81%	78%	80%	82%	80%	91%	90%		
QBGG72					96	94	67	95	20	26	31	33	71	49	6	8	14	37	8	49	29	85	57	8	23	26	36
EETN1	**GVA NEWSWORTHY N1** PV				+9.9	+6.1	-10.1	+2.0	+54	+93	+113	+93	+21	+2.3	-7.6	+74	+6.7	-0.5	-1.6	+1.0	+2.4	+0.36	+9	+0.88	+1.04	$249	$408
USA17031465	HBR	7	40	26	68%	57%	91%	88%	84%	83%	83%	78%	69%	68%	47%	74%	74%	79%	75%	74%	75%	76%	81%	85%	84%		
VSNL24					3	19	2	11	27	38	57	63	23	37	9	25	39	63	79	29	35	72	45	26	84	8	9
DKKN43	**HARDHAT K522 NEBRASKA F143**				+10.2	+9.7	-10.2	+2.1	+62	+108	+149	+142	+17	+5.1	-6.8	+86	+3.8	+1.9	+1.2	+0.1	+1.8	+0.45	-5	+0.90	+0.80	$238	$450
NORK522	HBR	7	94	83	70%	58%	93%	94%	90%	88%	85%	79%	70%	81%	49%	77%	76%	80%	77%	75%	76%	79%	87%	88%	88%		
NKLF143					3	2	2	12	5	7	4	4	49	1	16	4	84	9	14	66	59	80	85	30	39	13	2
	Breed Average EBVs				**+2.2**	**+2.6**	**-4.7**	**+4.1**	**+49**	**+89**	**+116**	**+100**	**+17**	**+2.1**	**-4.6**	**+66**	**+6.2**	**+0.0**	**-0.4**	**+0.5**	**+2.1**	**+0.19**	**+7**	**+0.98**	**+0.85**	**+194**	**+335**

Angus Australia - Sire Benchmarking Program - Cohort 10
July 2022 TransTasman Angus Cattle Evaluation

Ident	Name	Statistics			Estimated Breeding Values																							
					Calv-Ease		Birth		Growth					Fert		Carcase						Feed	Temp	Structural		Selection Index	
Sire Dam	Reg.	Num Herd	Prog	Prog 2Yr.	Dir	Dtrs	GL	BW	200	400	600	MCW	Milk	SS	DC	CW	EMA	Rib	P8	RBY	IMF	NFI-F	Doc	Angle	Claw	$A	$A-L
NHZM586	**HAZELDEAN M586** SV				+8.7	+9.8	-8.9	+2.5	+51	+88	+117	+105	+19	+4.3	-11.0	+78	+3.8	+1.5	+0.7	-0.8	+3.3	+1.19	+39	+0.96	+0.50	$235	$415
NHZJ140	APR	7	246	78	80%	64%	97%	97%	95%	94%	94%	87%	78%	94%	58%	82%	81%	84%	82%	79%	80%	82%	89%	91%	91%		
NHZH356					7	2	5	17	43	54	49	40	35	2	1	14	84	13	23	90	12	99	1	45	3	15	7
DYFN6	**INGLEBRAE FARMS NOBLEMAN N6**				+8.9	+9.6	-8.0	+2.6	+58	+90	+116	+98	+13	+3.5	-3.4	+67	+9.3	+2.7	+0.5	+0.0	+2.3	+0.13	+11	+1.08	+0.84	$232	$391
NZE14647008839	HBR	10	134	102	72%	62%	95%	95%	92%	93%	93%	83%	74%	90%	57%	79%	80%	83%	80%	78%	80%	78%	89%	87%	87%		
DYFL18					6	2	9	18	13	47	52	54	86	7	71	48	11	4	27	69	39	44	39	73	48	17	15
WKHN33	**KOOJAN HILLS PATRIOT N33** SV				+7.4	+6.4	-4.0	+2.9	+54	+96	+124	+116	+17	+2.1	-5.1	+70	+4.5	-0.6	-1.7	+0.9	+2.4	-0.10	-9	+1.02	+0.80	$218	$391
USA17577916	HBR	6	64	32	67%	54%	93%	92%	88%	88%	87%	79%	69%	74%	45%	75%	75%	80%	76%	74%	76%	74%	87%	86%	85%		
WKHL10					14	16	61	23	27	31	33	23	51	45	41	37	75	66	81	33	35	18	92	60	39	28	16
VLYN131	**LAWSONS CHARLIE N131** SV				-4.6	-0.9	-4.2	+5.9	+75	+134	+169	+136	+27	+3.5	-7.7	+91	+8.2	-0.7	-0.3	+1.4	+2.8	+0.48	+14	+0.78	+0.86	$302	$488
USA16295688	HBR	6	117	110	72%	63%	95%	95%	92%	89%	87%	80%	71%	83%	56%	78%	77%	81%	78%	76%	77%	77%	90%	88%	89%		
VLYL710					91	82	58	86	1	1	1	7	2	7	8	2	20	69	47	17	23	83	30	10	52	1	1
VRTP6	**MERRIBROOK PROGRESSION OF**				+10.8	+8.2	-12.1	+0.9	+56	+100	+123	+105	+20	+0.2	-1.5	+76	+8.6	+0.9	-1.0	+1.1	+1.6	+0.02	+19	+0.90	+0.90	$231	$393
USA18219911	HBR	6	21	11	67%	54%	90%	87%	83%	82%	83%	78%	70%	70%	45%	74%	73%	79%	75%	73%	74%	72%	75%	81%	81%		
VRTJ2					2	6	1	4	18	20	35	41	29	98	92	19	16	24	65	25	67	30	16	30	61	17	15
NMMM308	**MILLAH MURRAH MILESTONE M308**				+6.3	+4.5	-8.1	+4.6	+42	+76	+93	+80	+17	+2.1	-5.5	+47	+6.7	+2.8	+2.6	-0.8	+2.4	+0.05	+8	+1.00	+0.86	$179	$312
NZE14647008839	HBR	13	276	144	75%	65%	97%	97%	94%	94%	92%	84%	75%	91%	59%	81%	82%	84%	82%	79%	81%	76%	92%	84%	83%		
NMMH331					21	34	8	61	84	87	91	83	55	45	34	96	39	3	4	90	35	33	49	55	52	68	70
CSWP036	**MURDEDUKE BLACK PEARL P036** PV				+2.6	+0.3	-9.2	+5.3	+47	+88	+125	+113	+20	+2.8	-6.7	+77	+3.0	+0.8	+0.9	-1.4	+4.6	+0.55	+8	+1.18	+0.84	$199	$357
USA17236055	HBR	6	119	106	73%	63%	95%	95%	90%	89%	86%	81%	72%	85%	57%	78%	79%	82%	79%	77%	78%	80%	90%	90%	89%		
CSWL123					52	74	4	76	65	53	30	28	28	20	17	17	91	26	19	97	1	87	49	88	48	48	37
NURN70	**MURRAY KODAK N70** PV				+4.2	+5.4	-7.3	+4.4	+59	+100	+134	+142	+14	+5.9	-7.7	+83	+7.6	-0.3	-0.2	+1.1	+3.4	-0.50	+14	+0.92	+0.96	$232	$431
NORK522	HBR	14	107	75	73%	60%	95%	95%	89%	89%	87%	81%	73%	80%	54%	80%	79%	83%	80%	78%	80%	81%	86%	89%	89%		
NURJ53					38	25	14	57	11	19	16	4	78	1	8	7	26	57	44	25	10	2	30	35	72	16	3
NURP54	**MURRAY TWINHEARTS P54** PV				+2.5	+4.6	-6.9	+6.6	+70	+124	+162	+143	+26	+2.3	-6.4	+96	+8.2	-0.5	-1.7	+0.6	+3.3	+0.37	+2	+1.24	+0.90	$267	$467
USA16350631	HBR	6	33	28	67%	57%	91%	88%	84%	84%	83%	78%	70%	74%	51%	75%	74%	80%	76%	74%	75%	75%	81%	87%	87%		
NURM13					53	33	18	93	1	1	1	4	3	37	20	1	20	63	81	45	12	73	68	94	61	3	1
SMPN56	**PATHFINDER NUCLEUS N56** SV				+3.8	+3.3	-4.0	+5.5	+63	+108	+141	+133	+14	+4.2	-7.3	+76	+10.3	+0.8	+1.0	+0.5	+3.5	+0.46	+8	+0.72	+0.68	$256	$450
HIOG18	HBR	12	198	121	72%	61%	95%	96%	93%	93%	92%	83%	75%	89%	54%	80%	80%	83%	81%	78%	80%	83%	83%	85%	85%		
SMPL179					41	47	61	79	5	7	9	8	75	3	11	19	6	26	17	49	9	81	49	5	17	5	2
NORL508	**RENNYLEA L508** PV				+1.4	+9.7	-6.6	+2.7	+47	+89	+120	+97	+28	+1.7	-6.3	+72	+5.9	+1.3	+1.3	-1.5	+4.4	+0.77	+5	+0.90	+0.70	$221	$372
USA17366506	HBR	34	1271	234	92%	78%	99%	99%	98%	98%	98%	97%	96%	98%	66%	91%	91%	91%	90%	88%	89%	85%	98%	97%	97%		
NORH414					61	2	21	20	63	51	43	56	1	63	22	30	52	16	13	97	2	96	59	30	20	26	27
NORM1078	**RENNYLEA M1078** SV				-1.6	-2.3	-2.5	+3.0	+41	+83	+105	+94	+19	+1.8	-4.5	+64	+9.1	-1.4	-1.8	-0.3	+5.5	+0.92	-2	+0.98	+0.92	$191	$317
NORH708	APR	7	130	52	72%	61%	97%	95%	93%	93%	93%	88%	78%	91%	55%	80%	82%	84%	82%	79%	81%	82%	93%	87%	87%		
NORF563					80	89	83	25	89	70	74	62	39	58	52	60	12	85	82	79	1	99	79	50	65	56	67
JCAN4	**STELLAR NEUTRON N4** PV				+5.3	+4.6	-8.2	+3.3	+62	+107	+133	+80	+28	+1.0	-8.1	+76	+3.5	+0.4	-0.5	+0.1	+2.5	+0.74	-3	+0.74	+1.10	$303	$453
USA16295688	HBR	6	42	30	72%	63%	90%	90%	86%	87%	84%	79%	73%	80%	57%	77%	78%	82%	79%	77%	78%	77%	82%	89%	89%		
AHWG93					29	33	8	31	5	9	17	84	2	87	6	19	87	37	52	66	32	96	82	7	90	1	1
SYAN340	**STONEY POINT NOLTE N340** SV				-0.2	-2.4	-5.6	+7.0	+71	+129	+165	+157	+19	+3.7	-3.3	+100	+5.9	-2.2	-2.3	+1.2	+2.8	-0.13	-1	+0.80	+0.86	$232	$428
SYAL178	HBR	6	112	105	67%	54%	93%	94%	91%	90%	90%	80%	68%	78%	46%	75%	75%	80%	77%	74%	76%	72%	79%	82%	82%		
SGMK250					72	89	34	95	1	1	1	2	39	5	72	1	52	95	89	22	23	16	76	13	52	17	4
	Breed Average EBVs				**+2.2**	**+2.6**	**-4.7**	**+4.1**	**+49**	**+89**	**+116**	**+100**	**+17**	**+2.1**	**-4.6**	**+66**	**+6.2**	**+0.0**	**-0.4**	**+0.5**	**+2.1**	**+0.19**	**+7**	**+0.98**	**+0.85**	**+194**	**+335**

Angus Australia - Sire Benchmarking Program - Cohort 10
July 2022 TransTasman Angus Cattle Evaluation

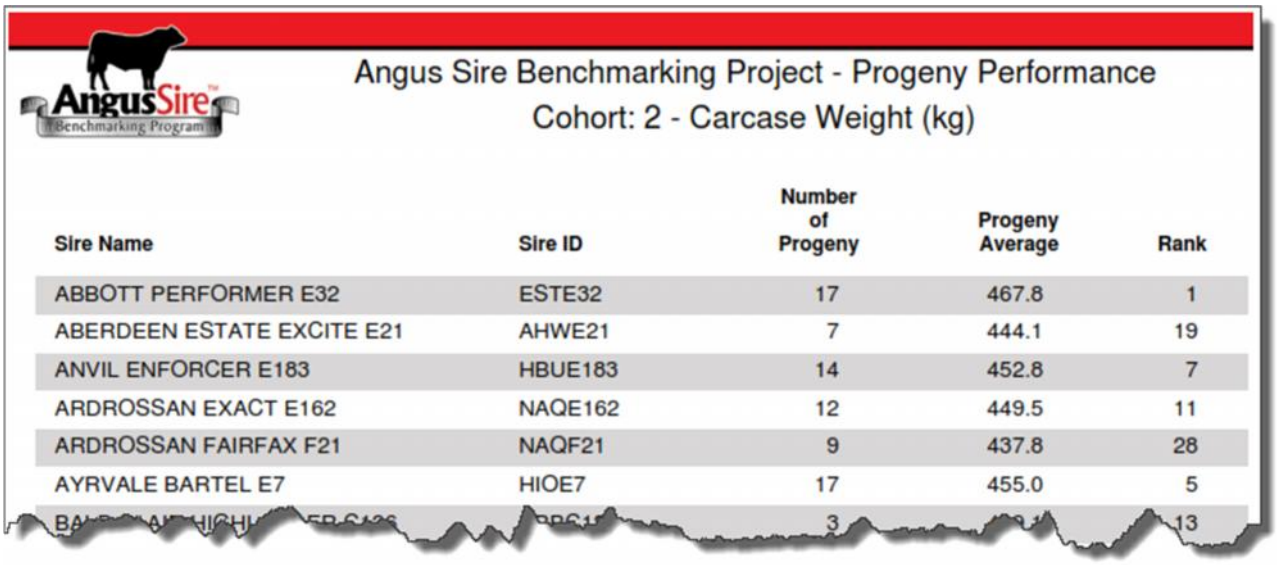
Ident	Name	Statistics			Estimated Breeding Values																							
					Calv-Ease		Birth		Growth					Fert		Carcase						Feed	Temp	Structural		Selection Index	
Sire Dam	Reg.	Num Herd	Prog	Prog 2Yr.	Dir	Dtrs	GL	BW	200	400	600	MCW	Milk	SS	DC	CW	EMA	Rib	P8	RBY	IMF	NFI-F	Doc	Angle	Claw	$A	$A-L
VTMN424	**TE MANIA NEBO N424** PV				+10.5	+1.4	-7.4	+4.1	+53	+103	+128	+107	+37	+4.0	-4.7	+71	+8.3	-1.2	-1.8	+0.9	+3.6	+0.06	+38	+0.72	+0.72	$224	$388
VTMJ89	HBR	19	686	505	82%	68%	98%	98%	97%	97%	97%	93%	84%	94%	53%	81%	85%	86%	84%	80%	84%	80%	97%	91%	91%		
VTMJ214					2	65	13	49	31	14	26	38	1	3	48	33	19	81	82	33	7	35	1	5	23	23	17
VTMN181	**TE MANIA NERO N181** PV				-11.5	-6.0	-2.8	+5.2	+59	+105	+139	+116	+30	+5.0	-8.4	+76	+7.1	-2.3	-2.8	+1.1	+4.6	+0.33	+16	+0.92	+0.80	$234	$368
VTML135	HBR	18	456	418	78%	60%	98%	96%	96%	96%	95%	84%	72%	91%	52%	79%	83%	85%	82%	79%	82%	76%	92%	84%	84%		
VTML1251					99	98	79	74	11	12	11	24	1	1	5	19	33	96	94	25	1	68	23	35	39	15	29
DXTM100	**TEXAS MT KAPUTAR M100** PV				+8.6	+8.3	-11.4	+4.1	+62	+109	+153	+142	+20	+3.7	-3.3	+79	+6.2	-1.8	-2.0	+2.1	+1.1	+0.05	+15	+1.14	+1.00	$220	$419
USA15848590	HBR	9	166	55	75%	64%	97%	95%	92%	93%	92%	84%	81%	89%	57%	81%	82%	84%	82%	79%	81%	78%	89%	85%	85%		
DXTZ183					7	5	1	49	6	7	3	4	30	5	72	13	47	91	85	5	84	33	26	83	79	26	6
USA18066037	**V A R LEGEND 5019** SV				-1.5	+4.0	-7.2	+5.4	+70	+122	+146	+155	+13	+2.7	-3.3	+85	+8.9	-2.2	-4.4	+3.1	+2.7	-0.30	+6	+0.68	+1.06	$242	$435
USA17262835	HBR	30	147	70	74%	61%	96%	95%	92%	91%	91%	86%	82%	84%	52%	84%	82%	85%	80%	80%	82%	77%	85%	96%	96%		
USA16924432					79	39	15	78	1	1	6	2	85	23	72	5	14	95	99	1	26	7	56	3	86	11	3
QKBP29	**WARRAWEE PATROL P29** PV				+10.7	+11.3	-13.1	+2.7	+57	+109	+147	+138	+23	+2.8	-6.7	+102	+8.0	+2.9	+1.2	-0.7	+2.6	+0.56	+10	+1.24	+0.84	$227	$438
SMPG357	HBR	11	32	25	71%	62%	92%	89%	85%	84%	83%	80%	74%	73%	56%	78%	77%	81%	78%	78%	77%	73%	77%	77%	77%		
QKBM01					2	1	1	20	16	7	5	6	10	20	17	1	22	3	14	89	29	88	41	94	48	20	3
	Breed Average EBVs				**+2.2**	**+2.6**	**-4.7**	**+4.1**	**+49**	**+89**	**+116**	**+100**	**+17**	**+2.1**	**-4.6**	**+66**	**+6.2**	**+0.0**	**-0.4**	**+0.5**	**+2.1**	**+0.19**	**+7**	**+0.98**	**+0.85**	**+194**	**+335**

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



Angus Sire Benchmarking Project - Progeny Performance
Cohort: 2 - Carcase Weight (kg)

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
[illegible]	[illegible]	3	[illegible]	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^2 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 carcase in kilograms at a standard 750 days of age recorded on steer progeny. Sires are ranked in descending order with higher values indicating more carcase weight.

Carcase Eye Muscle Area (EMA): Eye muscle area in cm^2 in a standard 400 kg carcase 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 carcase 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^{th} and 13^{th} Rib site in a standard 400 kg carcase 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 carcase 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. Sires are ranked in descending order with higher values indicating more marbling in the carcase.

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 carcase 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: 10 - Birth Weight (kg)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
ARDROSSAN HOLBROOK N329	NAQN329	24	34.2	20
ARDROSSAN MAGISTRATE M101	NAQM101	28	35.2	27
BALD BLAIR NELSON N47	NBBN47	27	34.0	16
BANNABY REALITY N187	ECMN187	27	32.0	3
BOONAROO KASBAH N20	HCAN20	29	34.0	16
BOOROOMOOKA JACKPOT N418	NGMN418	18	34.9	23
BOOROOMOOKA NORMANDY N213	NGMN213	20	32.1	5
BROOKLANA GENESIS N9	AMQN9	31	36.2	33
CHILTERN PARK PICASSO P9	GTNP9	17	33.1	10
CLUNES CROSSING DUSTY M13	QMUM13	34	34.9	23
DULVERTON NEW APPROACH N208	NGCN208	22	33.5	14
GLENOCH KALLANGUR K112	QBGK112	30	35.7	31
GVA NEWSWORTHY N1	EETN1	24	32.2	6
HARDHAT K522 NEBRASKA F143 N43	DKKN43	27	32.2	6
HAZELDEAN M586	NHZM586	39	33.4	13
INGLEBRAE FARMS NOBLEMAN N6	DYFN6	18	33.2	11
KOOJAN HILLS PATRIOT N33	WKHN33	31	32.4	8
LAWSONS CHARLIE N131	VLYN131	34	34.3	21
MERRIBROOK PROGRESSION OF KYAH	VRTP6	20	31.9	1
MILLAH MURRAH MILESTONE M308	NMMM308	21	34.1	18
MURDEDUKE BLACK PEARL P036	CSWP036	32	33.6	15
MURRAY KODAK N70	NURN70	27	34.1	18
MURRAY TWINHEARTS P54	NURP54	23	35.5	30
PATHFINDER NUCLEUS N56	SMPN56	32	35.0	25
RENNYLEA L508	NORL508	29	32.0	3
RENNYLEA M1078	NORM1078	37	32.9	9
STELLAR NEUTRON N4	JCAN4	23	33.3	12
STONEY POINT NOLTE N340	SYAN340	24	35.4	29
TE MANIA NEBO N424	VTMN424	24	35.1	26
TE MANIA NERO N181	VTMN181	19	34.3	21
TEXAS MT KAPUTAR M100	DXTM100	21	35.7	31
V A R LEGEND 5019	USA18066037	23	35.2	27
WARRAWEE PATROL P29	QKBP29	16	31.9	1

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 10 - Gestation Length (days)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
ARDROSSAN HOLBROOK N329	NAQN329	23	280.9	27
ARDROSSAN MAGISTRATE M101	NAQM101	23	280.7	25
BALD BLAIR NELSON N47	NBBN47	23	281.8	31
BANNABY REALITY N187	ECMN187	25	278.9	9
BOONAROO KASBAH N20	HCAN20	29	279.9	17
BOOROOMOOKA JACKPOT N418	NGMN418	17	279.1	11
BOOROOMOOKA NORMANDY N213	NGMN213	21	279.2	13
BROOKLANA GENESIS N9	AMQN9	27	281.6	28
CHILTERN PARK PICASSO P9	GTNP9	18	282.8	33
CLUNES CROSSING DUSTY M13	QMUM13	34	279.5	15
DULVERTON NEW APPROACH N208	NGCN208	19	280.3	18
GLENOCH KALLANGUR K112	QBGK112	25	281.6	28
GVA NEWSWORTHY N1	EETN1	24	278.0	3
HARDHAT K522 NEBRASKA F143 N43	DKKN43	25	278.7	8
HAZELDEAN M586	NHZM586	31	279.4	14
INGLEBRAE FARMS NOBLEMAN N6	DYFN6	17	279.1	11
KOOJAN HILLS PATRIOT N33	WKHN33	28	280.4	19
LAWSONS CHARLIE N131	VLYN131	32	280.7	25
MERRIBROOK PROGRESSION OF KYAH	VRTP6	17	276.3	1
MILLAH MURRAH MILESTONE M308	NMMM308	19	278.3	5
MURDEDUKE BLACK PEARL P036	CSWP036	28	278.3	5
MURRAY KODAK N70	NURN70	24	278.5	7
MURRAY TWINHEARTS P54	NURP54	20	280.6	22
PATHFINDER NUCLEUS N56	SMPN56	27	280.6	22
RENNYLEA L508	NORL508	27	278.9	9
RENNYLEA M1078	NORM1078	33	281.7	30
STELLAR NEUTRON N4	JCAN4	19	279.8	16
STONEY POINT NOLTE N340	SYAN340	24	280.5	20
TE MANIA NEBO N424	VTMN424	25	280.6	22
TE MANIA NERO N181	VTMN181	15	282.7	32
TEXAS MT KAPUTAR M100	DXTM100	22	278.0	3
V A R LEGEND 5019	USA18066037	22	280.5	20
WARRAWEE PATROL P29	QKBP29	16	276.4	2

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 10 - 200 Day Weight (kg)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
ARDROSSAN HOLBROOK N329	NAQN329	21	229.0	26
ARDROSSAN MAGISTRATE M101	NAQM101	24	239.8	12
BALD BLAIR NELSON N47	NBBN47	26	242.4	9
BANNABY REALITY N187	ECMN187	27	223.5	32
BOONAROO KASBAH N20	HCAN20	27	229.0	26
BOOROOMOOKA JACKPOT N418	NGMN418	17	241.2	10
BOOROOMOOKA NORMANDY N213	NGMN213	18	223.9	31
BROOKLANA GENESIS N9	AMQN9	29	239.3	13
CHILTERN PARK PICASSO P9	GTNP9	16	244.8	8
CLUNES CROSSING DUSTY M13	QMUM13	35	237.9	15
DULVERTON NEW APPROACH N208	NGCN208	21	232.0	21
GLENOCH KALLANGUR K112	QBGK112	25	238.7	14
GVA NEWSWORTHY N1	EETN1	23	232.7	20
HARDHAT K522 NEBRASKA F143 N43	DKKN43	24	240.5	11
HAZELDEAN M586	NHZM586	34	236.4	16
INGLEBRAE FARMS NOBLEMAN N6	DYFN6	18	246.2	6
KOOJAN HILLS PATRIOT N33	WKHN33	32	234.0	19
LAWSONS CHARLIE N131	VLYN131	29	248.3	5
MERRIBROOK PROGRESSION OF KYAH	VRTP6	16	234.3	18
MILLAH MURRAH MILESTONE M308	NMMM308	20	230.6	24
MURDEDUKE BLACK PEARL P036	CSWP036	27	227.1	30
MURRAY KODAK N70	NURN70	25	235.2	17
MURRAY TWINHEARTS P54	NURP54	23	255.0	1
PATHFINDER NUCLEUS N56	SMPN56	27	248.4	4
RENNYLEA L508	NORL508	26	228.2	29
RENNYLEA M1078	NORM1078	32	223.1	33
STELLAR NEUTRON N4	JCAN4	22	231.3	23
STONEY POINT NOLTE N340	SYAN340	24	245.8	7
TE MANIA NEBO N424	VTMN424	24	231.8	22
TE MANIA NERO N181	VTMN181	19	228.3	28
TEXAS MT KAPUTAR M100	DXTM100	20	249.9	3
V A R LEGEND 5019	USA18066037	20	250.1	2
WARRAWEE PATROL P29	QKBP29	15	230.5	25

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 10 - 400 Day Weight (kg)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
ARDROSSAN HOLBROOK N329	NAQN329	21	380.2	19
ARDROSSAN MAGISTRATE M101	NAQM101	17	396.2	6
BALD BLAIR NELSON N47	NBBN47	19	405.6	4
BANNABY REALITY N187	ECMN187	18	361.1	33
BOONAROO KASBAH N20	HCAN20	26	374.4	27
BOOROOMOOKA JACKPOT N418	NGMN418	13	388.7	12
BOOROOMOOKA NORMANDY N213	NGMN213	15	368.8	31
BROOKLANA GENESIS N9	AMQN9	23	394.3	8
CHILTERN PARK PICASSO P9	GTNP9	10	373.8	28
CLUNES CROSSING DUSTY M13	QMUM13	24	375.3	25
DULVERTON NEW APPROACH N208	NGCN208	16	385.6	14
GLENOCH KALLANGUR K112	QBGK112	24	379.5	21
GVA NEWSWORTHY N1	EETN1	15	372.2	30
HARDHAT K522 NEBRASKA F143 N43	DKKN43	18	391.1	11
HAZELDEAN M586	NHZM586	22	384.2	16
INGLEBRAE FARMS NOBLEMAN N6	DYFN6	11	384.2	16
KOOJAN HILLS PATRIOT N33	WKHN33	23	380.2	19
LAWSONS CHARLIE N131	VLYN131	19	408.4	2
MERRIBROOK PROGRESSION OF KYAH	VRTP6	10	391.4	10
MILLAH MURRAH MILESTONE M308	NMMM308	9	373.0	29
MURDEDUKE BLACK PEARL P036	CSWP036	24	377.7	24
MURRAY KODAK N70	NURN70	19	385.3	15
MURRAY TWINHEARTS P54	NURP54	17	406.1	3
PATHFINDER NUCLEUS N56	SMPN56	25	392.0	9
RENNYLEA L508	NORL508	21	374.9	26
RENNYLEA M1078	NORM1078	25	367.1	32
STELLAR NEUTRON N4	JCAN4	18	380.8	18
STONEY POINT NOLTE N340	SYAN340	16	410.2	1
TE MANIA NEBO N424	VTMN424	15	378.0	23
TE MANIA NERO N181	VTMN181	13	378.7	22
TEXAS MT KAPUTAR M100	DXTM100	16	395.3	7
V A R LEGEND 5019	USA18066037	13	402.8	5
WARRAWEE PATROL P29	QKBP29	9	387.6	13

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 10 - Scan EMA (sq cm)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
ARDROSSAN HOLBROOK N329	NAQN329	21	65.3	19
ARDROSSAN MAGISTRATE M101	NAQM101	24	66.8	4
BALD BLAIR NELSON N47	NBBN47	24	66.2	11
BANNABY REALITY N187	ECMN187	25	63.8	29
BOONAROO KASBAH N20	HCAN20	29	65.0	21
BOOROOMOOKA JACKPOT N418	NGMN418	15	66.7	6
BOOROOMOOKA NORMANDY N213	NGMN213	15	63.8	29
BROOKLANA GENESIS N9	AMQN9	30	67.7	1
CHILTERN PARK PICASSO P9	GTNP9	15	66.8	4
CLUNES CROSSING DUSTY M13	QMUM13	32	66.0	13
DULVERTON NEW APPROACH N208	NGCN208	20	65.7	15
GLENOCH KALLANGUR K112	QBGK112	25	65.5	16
GVA NEWSWORTHY N1	EETN1	21	64.3	26
HARDHAT K522 NEBRASKA F143 N43	DKKN43	23	63.8	29
HAZELDEAN M586	NHZM586	34	64.9	22
INGLEBRAE FARMS NOBLEMAN N6	DYFN6	17	65.4	17
KOOJAN HILLS PATRIOT N33	WKHN33	27	64.2	27
LAWSONS CHARLIE N131	VLYN131	28	67.6	2
MERRIBROOK PROGRESSION OF KYAH	VRTP6	16	64.5	25
MILLAH MURRAH MILESTONE M308	NMMM308	19	66.5	8
MURDEDUKE BLACK PEARL P036	CSWP036	28	63.9	28
MURRAY KODAK N70	NURN70	25	66.5	8
MURRAY TWINHEARTS P54	NURP54	21	66.6	7
PATHFINDER NUCLEUS N56	SMPN56	29	67.0	3
RENNYLEA L508	NORL508	25	65.1	20
RENNYLEA M1078	NORM1078	30	65.8	14
STELLAR NEUTRON N4	JCAN4	22	62.5	33
STONEY POINT NOLTE N340	SYAN340	21	66.1	12
TE MANIA NEBO N424	VTMN424	22	64.8	23
TE MANIA NERO N181	VTMN181	17	65.4	17
TEXAS MT KAPUTAR M100	DXTM100	18	63.7	32
V A R LEGEND 5019	USA18066037	21	66.5	8
WARRAWEE PATROL P29	QKBP29	14	64.7	24

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 10 - Scan Rib Fat (mm)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
ARDROSSAN HOLBROOK N329	NAQN329	21	5.9	10
ARDROSSAN MAGISTRATE M101	NAQM101	24	5.8	14
BALD BLAIR NELSON N47	NBBN47	24	5.2	31
BANNABY REALITY N187	ECMN187	24	5.9	10
BOONAROO KASBAH N20	HCAN20	29	5.6	19
BOOROOMOOKA JACKPOT N418	NGMN418	15	6.0	8
BOOROOMOOKA NORMANDY N213	NGMN213	16	4.7	33
BROOKLANA GENESIS N9	AMQN9	30	5.4	24
CHILTERN PARK PICASSO P9	GTNP9	15	5.8	14
CLUNES CROSSING DUSTY M13	QMUM13	32	5.9	10
DULVERTON NEW APPROACH N208	NGCN208	20	5.3	26
GLENOCH KALLANGUR K112	QBGK112	25	5.9	10
GVA NEWSWORTHY N1	EETN1	21	5.8	14
HARDHAT K522 NEBRASKA F143 N43	DKKN43	22	6.4	2
HAZELDEAN M586	NHZM586	34	6.2	6
INGLEBRAE FARMS NOBLEMAN N6	DYFN6	16	6.3	5
KOOJAN HILLS PATRIOT N33	WKHN33	27	5.3	26
LAWSONS CHARLIE N131	VLYN131	28	5.8	14
MERRIBROOK PROGRESSION OF KYAH	VRTP6	16	6.4	2
MILLAH MURRAH MILESTONE M308	NMMM308	18	5.8	14
MURDEDUKE BLACK PEARL P036	CSWP036	29	5.6	19
MURRAY KODAK N70	NURN70	25	6.0	8
MURRAY TWINHEARTS P54	NURP54	22	5.6	19
PATHFINDER NUCLEUS N56	SMPN56	29	6.2	6
RENNYLEA L508	NORL508	25	6.4	2
RENNYLEA M1078	NORM1078	31	5.6	19
STELLAR NEUTRON N4	JCAN4	22	5.5	23
STONEY POINT NOLTE N340	SYAN340	21	5.4	24
TE MANIA NEBO N424	VTMN424	23	5.3	26
TE MANIA NERO N181	VTMN181	17	5.3	26
TEXAS MT KAPUTAR M100	DXTM100	18	5.1	32
V A R LEGEND 5019	USA18066037	20	5.3	26
WARRAWEE PATROL P29	QKBP29	14	6.8	1

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 10 - Scan Rump Fat (mm)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
ARDROSSAN HOLBROOK N329	NAQN329	21	7.7	6
ARDROSSAN MAGISTRATE M101	NAQM101	24	7.6	8
BALD BLAIR NELSON N47	NBBN47	24	6.2	30
BANNABY REALITY N187	ECMN187	24	7.4	14
BOONAROO KASBAH N20	HCAN20	29	6.7	23
BOOROOMOOKA JACKPOT N418	NGMN418	15	8.0	3
BOOROOMOOKA NORMANDY N213	NGMN213	16	5.9	33
BROOKLANA GENESIS N9	AMQN9	30	6.2	30
CHILTERN PARK PICASSO P9	GTNP9	14	7.4	14
CLUNES CROSSING DUSTY M13	QMUM13	32	7.0	22
DULVERTON NEW APPROACH N208	NGCN208	20	6.7	23
GLENOCH KALLANGUR K112	QBGK112	24	7.6	8
GVA NEWSWORTHY N1	EETN1	21	7.1	21
HARDHAT K522 NEBRASKA F143 N43	DKKN43	21	7.4	14
HAZELDEAN M586	NHZM586	34	7.3	17
INGLEBRAE FARMS NOBLEMAN N6	DYFN6	14	7.8	5
KOOJAN HILLS PATRIOT N33	WKHN33	27	6.7	23
LAWSONS CHARLIE N131	VLYN131	28	7.5	12
MERRIBROOK PROGRESSION OF KYAH	VRTP6	16	7.5	12
MILLAH MURRAH MILESTONE M308	NMMM308	18	8.2	2
MURDEDUKE BLACK PEARL P036	CSWP036	28	7.6	8
MURRAY KODAK N70	NURN70	25	7.7	6
MURRAY TWINHEARTS P54	NURP54	22	7.3	17
PATHFINDER NUCLEUS N56	SMPN56	29	8.0	3
RENNYLEA L508	NORL508	25	7.6	8
RENNYLEA M1078	NORM1078	31	7.2	19
STELLAR NEUTRON N4	JCAN4	22	7.2	19
STONEY POINT NOLTE N340	SYAN340	20	6.4	28
TE MANIA NEBO N424	VTMN424	23	6.4	28
TE MANIA NERO N181	VTMN181	17	6.6	27
TEXAS MT KAPUTAR M100	DXTM100	18	6.7	23
V A R LEGEND 5019	USA18066037	18	6.1	32
WARRAWEE PATROL P29	QKBP29	14	8.6	1

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 10 - Scan IMF (%)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
ARDROSSAN HOLBROOK N329	NAQN329	21	7.0	1
ARDROSSAN MAGISTRATE M101	NAQM101	24	6.6	8
BALD BLAIR NELSON N47	NBBN47	24	6.2	27
BANNABY REALITY N187	ECMN187	25	6.5	14
BOONAROO KASBAH N20	HCAN20	29	5.9	31
BOOROOMOOKA JACKPOT N418	NGMN418	15	6.1	29
BOOROOMOOKA NORMANDY N213	NGMN213	16	5.7	33
BROOKLANA GENESIS N9	AMQN9	30	6.5	14
CHILTERN PARK PICASSO P9	GTNP9	15	6.4	18
CLUNES CROSSING DUSTY M13	QMUM13	32	6.3	24
DULVERTON NEW APPROACH N208	NGCN208	20	6.7	5
GLENOCH KALLANGUR K112	QBGK112	25	6.6	8
GVA NEWSWORTHY N1	EETN1	22	6.6	8
HARDHAT K522 NEBRASKA F143 N43	DKKN43	23	6.3	24
HAZELDEAN M586	NHZM586	34	6.4	18
INGLEBRAE FARMS NOBLEMAN N6	DYFN6	17	6.7	5
KOOJAN HILLS PATRIOT N33	WKHN33	26	6.2	27
LAWSONS CHARLIE N131	VLYN131	28	6.4	18
MERRIBROOK PROGRESSION OF KYAH	VRTP6	16	6.4	18
MILLAH MURRAH MILESTONE M308	NMMM308	19	6.5	14
MURDEDUKE BLACK PEARL P036	CSWP036	29	6.6	8
MURRAY KODAK N70	NURN70	25	6.8	3
MURRAY TWINHEARTS P54	NURP54	22	6.6	8
PATHFINDER NUCLEUS N56	SMPN56	29	7.0	1
RENNYLEA L508	NORL508	25	6.8	3
RENNYLEA M1078	NORM1078	31	6.6	8
STELLAR NEUTRON N4	JCAN4	22	6.3	24
STONEY POINT NOLTE N340	SYAN340	21	6.4	18
TE MANIA NEBO N424	VTMN424	23	6.4	18
TE MANIA NERO N181	VTMN181	17	6.5	14
TEXAS MT KAPUTAR M100	DXTM100	18	5.8	32
V A R LEGEND 5019	USA18066037	21	6.0	30
WARRAWEE PATROL P29	QKBP29	14	6.7	5

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 10 - Net Feed Intake (kg/day)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
ARDROSSAN HOLBROOK N329	NAQN329	13	-1.3	29
ARDROSSAN MAGISTRATE M101	NAQM101	9	-1.2	31
BALD BLAIR NELSON N47	NBBN47	11	-2.3	4
BANNABY REALITY N187	ECMN187	10	-1.8	16
BOONAROO KASBAH N20	HCAN20	18	-1.6	24
BOOROOMOOKA JACKPOT N418	NGMN418	7	-2.2	7
BOOROOMOOKA NORMANDY N213	NGMN213	8	-1.2	31
BROOKLANA GENESIS N9	AMQN9	14	-1.5	26
CHILTERN PARK PICASSO P9	GTNP9	4	-1.3	29
CLUNES CROSSING DUSTY M13	QMUM13	13	-2.2	7
DULVERTON NEW APPROACH N208	NGCN208	10	-2.1	9
GLENOCH KALLANGUR K112	QBGK112	16	-1.7	20
GVA NEWSWORTHY N1	EETN1	10	-1.8	16
HARDHAT K522 NEBRASKA F143 N43	DKKN43	12	-1.7	20
HAZELDEAN M586	NHZM586	16	-1.5	26
INGLEBRAE FARMS NOBLEMAN N6	DYFN6	8	-1.8	16
KOOJAN HILLS PATRIOT N33	WKHN33	9	-1.8	16
LAWSONS CHARLIE N131	VLYN131	8	-1.9	13
MERRIBROOK PROGRESSION OF KYAH	VRTP6	6	-2.4	3
MILLAH MURRAH MILESTONE M308	NMMM308	5	-2.0	12
MURDEDUKE BLACK PEARL P036	CSWP036	13	-1.9	13
MURRAY KODAK N70	NURN70	13	-2.9	1
MURRAY TWINHEARTS P54	NURP54	8	-1.6	24
PATHFINDER NUCLEUS N56	SMPN56	19	-1.7	20
RENNYLEA L508	NORL508	14	-1.7	20
RENNYLEA M1078	NORM1078	17	-1.5	26
STELLAR NEUTRON N4	JCAN4	8	-1.0	33
STONEY POINT NOLTE N340	SYAN340	6	-2.1	9
TE MANIA NEBO N424	VTMN424	9	-2.3	4
TE MANIA NERO N181	VTMN181	7	-2.1	9
TEXAS MT KAPUTAR M100	DXTM100	10	-1.9	13
V A R LEGEND 5019	USA18066037	9	-2.3	4
WARRAWEE PATROL P29	QKBP29	4	-2.7	2

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 MARBLES 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:

Docility: Percentage of progeny displaying a crush docility 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 desirable structure 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 desirable structure 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/

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 10 - Docility (Score)

Sire Name	Sire ID	Number of Progeny	Progeny % Score 1-1.5	Rank
ARDROSSAN HOLBROOK N329	NAQN329	22	54.5	29
ARDROSSAN MAGISTRATE M101	NAQM101	25	52.0	30
BALD BLAIR NELSON N47	NBBN47	26	73.1	12
BANNABY REALITY N187	ECMN187	27	48.1	31
BOONAROO KASBAH N20	HCAN20	29	69.0	20
BOOROOMOOKA JACKPOT N418	NGMN418	16	81.3	5
BOOROOMOOKA NORMANDY N213	NGMN213	18	77.8	7
BROOKLANA GENESIS N9	AMQN9	30	56.7	28
CHILTERN PARK PICASSO P9	GTNP9	16	93.8	1
CLUNES CROSSING DUSTY M13	QMUM13	35	60.0	27
DULVERTON NEW APPROACH N208	NGCN208	21	90.5	3
GLENOCH KALLANGUR K112	QBGK112	26	69.2	19
GVA NEWSWORTHY N1	EETN1	23	65.2	23
HARDHAT K522 NEBRASKA F143 N43	DKKN43	24	75.0	10
HAZELDEAN M586	NHZM586	35	91.4	2
INGLEBRAE FARMS NOBLEMAN N6	DYFN6	18	61.1	26
KOOJAN HILLS PATRIOT N33	WKHN33	33	75.8	9
LAWSONS CHARLIE N131	VLYN131	29	69.0	20
MERRIBROOK PROGRESSION OF KYAH	VRTP6	16	75.0	10
MILLAH MURRAH MILESTONE M308	NMMM308	20	65.0	24
MURDEDUKE BLACK PEARL P036	CSWP036	29	72.4	14
MURRAY KODAK N70	NURN70	26	73.1	12
MURRAY TWINHEARTS P54	NURP54	24	70.8	17
PATHFINDER NUCLEUS N56	SMPN56	29	72.4	14
RENNYLEA L508	NORL508	26	46.2	32
RENNYLEA M1078	NORM1078	32	71.9	16
STELLAR NEUTRON N4	JCAN4	22	63.6	25
STONEY POINT NOLTE N340	SYAN340	24	70.8	17
TE MANIA NEBO N424	VTMN424	24	83.3	4
TE MANIA NERO N181	VTMN181	19	68.4	22
TEXAS MT KAPUTAR M100	DXTM100	20	45.0	33
V A R LEGEND 5019	USA18066037	21	76.2	8
WARRAWEE PATROL P29	QKBP29	15	80.0	6

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 10 - Claw Set (Score)

Sire Name	Sire ID	Number of Progeny	Progeny % Score 5-6	Rank
ARDROSSAN HOLBROOK N329	NAQN329	20	70.0	12
ARDROSSAN MAGISTRATE M101	NAQM101	24	83.3	5
BALD BLAIR NELSON N47	NBBN47	24	66.7	17
BANNABY REALITY N187	ECMN187	25	84.0	3
BOONAROO KASBAH N20	HCAN20	28	64.3	22
BOOROOMOOKA JACKPOT N418	NGMN418	15	26.7	33
BOOROOMOOKA NORMANDY N213	NGMN213	15	66.7	17
BROOKLANA GENESIS N9	AMQN9	28	57.1	28
CHILTERN PARK PICASSO P9	GTNP9	15	80.0	7
CLUNES CROSSING DUSTY M13	QMUM13	32	62.5	25
DULVERTON NEW APPROACH N208	NGCN208	20	55.0	29
GLENOCH KALLANGUR K112	QBGK112	25	84.0	3
GVA NEWSWORTHY N1	EETN1	22	45.5	31
HARDHAT K522 NEBRASKA F143 N43	DKKN43	22	63.6	24
HAZELDEAN M586	NHZM586	34	91.2	1
INGLEBRAE FARMS NOBLEMAN N6	DYFN6	17	76.5	8
KOOJAN HILLS PATRIOT N33	WKHN33	27	66.7	17
LAWSONS CHARLIE N131	VLYN131	28	64.3	22
MERRIBROOK PROGRESSION OF KYAH	VRTP6	15	86.7	2
MILLAH MURRAH MILESTONE M308	NMMM308	18	66.7	17
MURDEDUKE BLACK PEARL P036	CSWP036	29	58.6	27
MURRAY KODAK N70	NURN70	26	73.1	10
MURRAY TWINHEARTS P54	NURP54	22	68.2	15
PATHFINDER NUCLEUS N56	SMPN56	29	69.0	14
RENNYLEA L508	NORL508	25	68.0	16
RENNYLEA M1078	NORM1078	30	70.0	12
STELLAR NEUTRON N4	JCAN4	22	54.5	30
STONEY POINT NOLTE N340	SYAN340	19	73.7	9
TE MANIA NEBO N424	VTMN424	23	82.6	6
TE MANIA NERO N181	VTMN181	17	58.8	26
TEXAS MT KAPUTAR M100	DXTM100	18	66.7	17
V A R LEGEND 5019	USA18066037	21	42.9	32
WARRAWEE PATROL P29	QKBP29	14	71.4	11

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 10 - Foot Angle (Score)

Sire Name	Sire ID	Number of Progeny	Progeny % Score 5-6	Rank
ARDROSSAN HOLBROOK N329	NAQN329	20	80.0	29
ARDROSSAN MAGISTRATE M101	NAQM101	24	95.8	7
BALD BLAIR NELSON N47	NBBN47	24	100.0	1
BANNABY REALITY N187	ECMN187	25	84.0	25
BOONAROO KASBAH N20	HCAN20	28	92.9	13
BOOROOMOOKA JACKPOT N418	NGMN418	15	86.7	21
BOOROOMOOKA NORMANDY N213	NGMN213	15	93.3	12
BROOKLANA GENESIS N9	AMQN9	28	92.9	13
CHILTERN PARK PICASSO P9	GTNP9	15	100.0	1
CLUNES CROSSING DUSTY M13	QMUM13	32	87.5	20
DULVERTON NEW APPROACH N208	NGCN208	20	90.0	17
GLENOCH KALLANGUR K112	QBGK112	25	84.0	25
GVA NEWSWORTHY N1	EETN1	22	90.9	15
HARDHAT K522 NEBRASKA F143 N43	DKKN43	22	95.5	9
HAZELDEAN M586	NHZM586	34	94.1	10
INGLEBRAE FARMS NOBLEMAN N6	DYFN6	17	94.1	10
KOOJAN HILLS PATRIOT N33	WKHN33	27	77.8	32
LAWSONS CHARLIE N131	VLYN131	28	85.7	23
MERRIBROOK PROGRESSION OF KYAH	VRTP6	15	100.0	1
MILLAH MURRAH MILESTONE M308	NMMM308	18	100.0	1
MURDEDUKE BLACK PEARL P036	CSWP036	29	79.3	30
MURRAY KODAK N70	NURN70	26	96.2	6
MURRAY TWINHEARTS P54	NURP54	22	86.4	22
PATHFINDER NUCLEUS N56	SMPN56	29	100.0	1
RENNYLEA L508	NORL508	25	88.0	19
RENNYLEA M1078	NORM1078	30	83.3	27
STELLAR NEUTRON N4	JCAN4	22	90.9	15
STONEY POINT NOLTE N340	SYAN340	19	89.5	18
TE MANIA NEBO N424	VTMN424	23	95.7	8
TE MANIA NERO N181	VTMN181	17	82.4	28
TEXAS MT KAPUTAR M100	DXTM100	18	66.7	33
V A R LEGEND 5019	USA18066037	21	85.7	23
WARRAWEE PATROL P29	QKBP29	14	78.6	31

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 10 - Coat Type (Score)

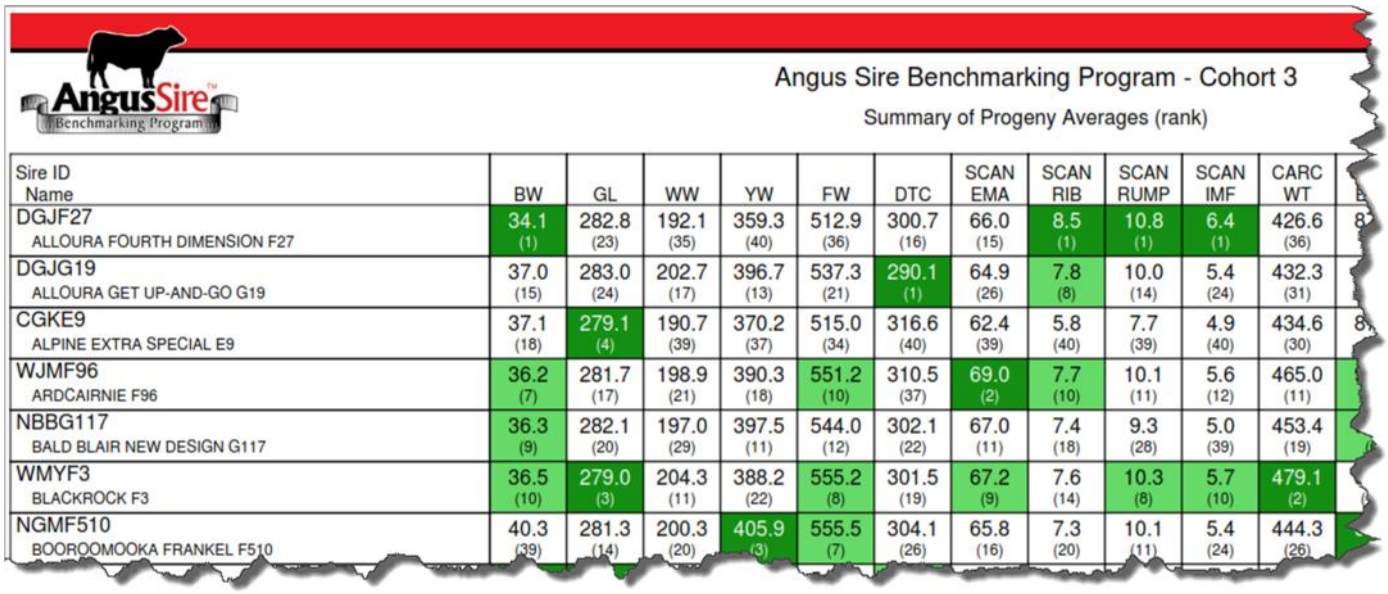
Sire Name	Sire ID	Number of Progeny	Progeny % Score 1-2	Rank
ARDROSSAN HOLBROOK N329	NAQN329	13	84.6	4
ARDROSSAN MAGISTRATE M101	NAQM101	15	73.3	11
BALD BLAIR NELSON N47	NBBN47	18	83.3	5
BANNABY REALITY N187	ECMN187	15	66.7	16
BOONAROO KASBAH N20	HCAN20	24	50.0	31
BOOROOMOOKA JACKPOT N418	NGMN418	13	46.2	33
BOOROOMOOKA NORMANDY N213	NGMN213	9	88.9	1
BROOKLANA GENESIS N9	AMQN9	19	68.4	15
CHILTERN PARK PICASSO P9	GTNP9	10	70.0	13
CLUNES CROSSING DUSTY M13	QMUM13	18	61.1	25
DULVERTON NEW APPROACH N208	NGCN208	15	80.0	7
GLENOCH KALLANGUR K112	QBGK112	18	66.7	16
GVA NEWSWORTHY N1	EETN1	14	57.1	28
HARDHAT K522 NEBRASKA F143 N43	DKKN43	18	61.1	25
HAZELDEAN M586	NHZM586	26	61.5	23
INGLEBRAE FARMS NOBLEMAN N6	DYFN6	13	76.9	9
KOOJAN HILLS PATRIOT N33	WKHN33	18	66.7	16
LAWSONS CHARLIE N131	VLYN131	15	80.0	7
MERRIBROOK PROGRESSION OF KYAH	VRTP6	10	60.0	27
MILLAH MURRAH MILESTONE M308	NMMM308	13	61.5	23
MURDEDUKE BLACK PEARL P036	CSWP036	20	85.0	3
MURRAY KODAK N70	NURN70	19	63.2	22
MURRAY TWINHEARTS P54	NURP54	14	57.1	28
PATHFINDER NUCLEUS N56	SMPN56	23	73.9	10
RENNYLEA L508	NORL508	16	68.8	14
RENNYLEA M1078	NORM1078	23	82.6	6
STELLAR NEUTRON N4	JCAN4	14	50.0	31
STONEY POINT NOLTE N340	SYAN340	11	63.6	21
TE MANIA NEBO N424	VTMN424	14	71.4	12
TE MANIA NERO N181	VTMN181	15	86.7	2
TEXAS MT KAPUTAR M100	DXTM100	12	66.7	16
V A R LEGEND 5019	USA18066037	15	66.7	16
WARRAWEE PATROL P29	QKBP29	9	55.6	30

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	E
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)	
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)	
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)	
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)	
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)	

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 10

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
NAQN329 ARDROSSAN HOLBROOK N329	34.2 (20)	280.9 (27)	229.0 (26)	380.2 (19)			65.3 (19)	5.9 (10)	7.7 (6)	7.0 (1)				-1.3 (29)				54.5 (29)	70.0 (12)	80.0 (29)	84.6 (4)
NAQM101 ARDROSSAN MAGISTRATE M101	35.2 (27)	280.7 (25)	239.8 (12)	396.2 (6)			66.8 (4)	5.8 (14)	7.6 (8)	6.6 (8)				-1.2 (31)				52.0 (30)	83.3 (5)	95.8 (7)	73.3 (11)
NBBN47 BALD BLAIR NELSON N47	34.0 (16)	281.8 (31)	242.4 (9)	405.6 (4)			66.2 (11)	5.2 (31)	6.2 (30)	6.2 (27)				-2.3 (4)				73.1 (12)	66.7 (17)	100.0 (1)	83.3 (5)
ECMN187 BANNABY REALITY N187	32.0 (3)	278.9 (9)	223.5 (32)	361.1 (33)			63.8 (29)	5.9 (10)	7.4 (14)	6.5 (14)				-1.8 (16)				48.1 (31)	84.0 (3)	84.0 (25)	66.7 (16)
HCAN20 BOONAROO KASBAH N20	34.0 (16)	279.9 (17)	229.0 (26)	374.4 (27)			65.0 (21)	5.6 (19)	6.7 (23)	5.9 (31)				-1.6 (24)				69.0 (20)	64.3 (22)	92.9 (13)	50.0 (31)
NGMN418 BOOROOMOOKA JACKPOT N418	34.9 (23)	279.1 (11)	241.2 (10)	388.7 (12)			66.7 (6)	6.0 (8)	8.0 (3)	6.1 (29)				-2.2 (7)				81.3 (5)	26.7 (33)	86.7 (21)	46.2 (33)
NGMN213 BOOROOMOOKA NORMANDY N213	32.1 (5)	279.2 (13)	223.9 (31)	368.8 (31)			63.8 (29)	4.7 (33)	5.9 (33)	5.7 (33)				-1.2 (31)				77.8 (7)	66.7 (17)	93.3 (12)	88.9 (1)
AMQN9 BROOKLANA GENESIS N9	36.2 (33)	281.6 (28)	239.3 (13)	394.3 (8)			67.7 (1)	5.4 (24)	6.2 (30)	6.5 (14)				-1.5 (26)				56.7 (28)	57.1 (28)	92.9 (13)	68.4 (15)
GTNP9 CHILTERN PARK PICASSO P9	33.1 (10)	282.8 (33)	244.8 (8)	373.8 (28)			66.8 (4)	5.8 (14)	7.4 (14)	6.4 (18)				-1.3 (29)				93.8 (1)	80.0 (7)	100.0 (1)	70.0 (13)
QMUM13 CLUNES CROSSING DUSTY M13	34.9 (23)	279.5 (15)	237.9 (15)	375.3 (25)			66.0 (13)	5.9 (10)	7.0 (22)	6.3 (24)				-2.2 (7)				60.0 (27)	62.5 (25)	87.5 (20)	61.1 (25)
NGCN208 DULVERTON NEW APPROACH N208	33.5 (14)	280.3 (18)	232.0 (21)	385.6 (14)			65.7 (15)	5.3 (26)	6.7 (23)	6.7 (5)				-2.1 (9)				90.5 (3)	55.0 (29)	90.0 (17)	80.0 (7)
QBGK112 GLENOCH KALLANGUR K112	35.7 (31)	281.6 (28)	238.7 (14)	379.5 (21)			65.5 (16)	5.9 (10)	7.6 (8)	6.6 (8)				-1.7 (20)				69.2 (19)	84.0 (3)	84.0 (25)	66.7 (16)
EETN1 GVA NEWSWORTHY N1	32.2 (6)	278.0 (3)	232.7 (20)	372.2 (30)			64.3 (26)	5.8 (14)	7.1 (21)	6.6 (8)				-1.8 (16)				65.2 (23)	45.5 (31)	90.9 (15)	57.1 (28)
DKKN43 HARDHAT K522 NEBRASKA F143 N43	32.2 (6)	278.7 (8)	240.5 (11)	391.1 (11)			63.8 (29)	6.4 (2)	7.4 (14)	6.3 (24)				-1.7 (20)				75.0 (10)	63.6 (24)	95.5 (9)	61.1 (25)
NHZM586 HAZELDEAN M586	33.4 (13)	279.4 (14)	236.4 (16)	384.2 (16)			64.9 (22)	6.2 (6)	7.3 (17)	6.4 (18)				-1.5 (26)				91.4 (2)	91.2 (1)	94.1 (10)	61.5 (23)
DYFN6 INGLEBRAE FARMS NOBLEMAN N6	33.2 (11)	279.1 (11)	246.2 (6)	384.2 (16)			65.4 (17)	6.3 (5)	7.8 (5)	6.7 (5)				-1.8 (16)				61.1 (26)	76.5 (8)	94.1 (10)	76.9 (9)
WKHN33 KOOJAN HILLS PATRIOT N33	32.4 (8)	280.4 (19)	234.0 (19)	380.2 (19)			64.2 (27)	5.3 (26)	6.7 (23)	6.2 (27)				-1.8 (16)				75.8 (9)	66.7 (17)	77.8 (32)	66.7 (16)
VLYN131 LAWSONS CHARLIE N131	34.3 (21)	280.7 (25)	248.3 (5)	408.4 (2)			67.6 (2)	5.8 (14)	7.5 (12)	6.4 (18)				-1.9 (13)				69.0 (20)	64.3 (22)	85.7 (23)	80.0 (7)
VRTP6 MERRIBROOK PROGRESSION OF KYAH PARK	31.9 (1)	276.3 (1)	234.3 (18)	391.4 (10)			64.5 (25)	6.4 (2)	7.5 (12)	6.4 (18)				-2.4 (3)				75.0 (10)	86.7 (2)	100.0 (1)	60.0 (27)
NMMM308 MILLAH MURRAH MILESTONE M308	34.1 (18)	278.3 (5)	230.6 (24)	373.0 (29)			66.5 (8)	5.8 (14)	8.2 (2)	6.5 (14)				-2.0 (12)				65.0 (24)	66.7 (17)	100.0 (1)	61.5 (23)
CSWP036 MURDEDUKE BLACK PEARL P036	33.6 (15)	278.3 (5)	227.1 (30)	377.7 (24)			63.9 (28)	5.6 (19)	7.6 (8)	6.6 (8)				-1.9 (13)				72.4 (14)	58.6 (27)	79.3 (30)	85.0 (3)
NURN70 MURRAY KODAK N70	34.1 (18)	278.5 (7)	235.2 (17)	385.3 (15)			66.5 (8)	6.0 (8)	7.7 (6)	6.8 (3)				-2.9 (1)				73.1 (12)	73.1 (10)	96.2 (6)	63.2 (22)

Angus Sire Benchmarking Program - Cohort 10

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
NURP54 MURRAY TWINHEARTS P54	35.5 (30)	280.6 (22)	255.0 (1)	406.1 (3)			66.6 (7)	5.6 (19)	7.3 (17)	6.6 (8)				-1.6 (24)				70.8 (17)	68.2 (15)	86.4 (22)	57.1 (28)
SMPN56 PATHFINDER NUCLEUS N56	35.0 (25)	280.6 (22)	248.4 (4)	392.0 (9)			67.0 (3)	6.2 (6)	8.0 (3)	7.0 (1)				-1.7 (20)				72.4 (14)	69.0 (14)	100.0 (1)	73.9 (10)
NORL508 RENNYLEA L508	32.0 (3)	278.9 (9)	228.2 (29)	374.9 (26)			65.1 (20)	6.4 (2)	7.6 (8)	6.8 (3)				-1.7 (20)				46.2 (32)	68.0 (16)	88.0 (19)	68.8 (14)
NORM1078 RENNYLEA M1078	32.9 (9)	281.7 (30)	223.1 (33)	367.1 (32)			65.8 (14)	5.6 (19)	7.2 (19)	6.6 (8)				-1.5 (26)				71.9 (16)	70.0 (12)	83.3 (27)	82.6 (6)
JCAN4 STELLAR NEUTRON N4	33.3 (12)	279.8 (16)	231.3 (23)	380.8 (18)			62.5 (33)	5.5 (23)	7.2 (19)	6.3 (24)				-1.0 (33)				63.6 (25)	54.5 (30)	90.9 (15)	50.0 (31)
SYAN340 STONEY POINT NOLTE N340	35.4 (29)	280.5 (20)	245.8 (7)	410.2 (1)			66.1 (12)	5.4 (24)	6.4 (28)	6.4 (18)				-2.1 (9)				70.8 (17)	73.7 (9)	89.5 (18)	63.6 (21)
VTMN424 TE MANIA NEBO N424	35.1 (26)	280.6 (22)	231.8 (22)	378.0 (23)			64.8 (23)	5.3 (26)	6.4 (28)	6.4 (18)				-2.3 (4)				83.3 (4)	82.6 (6)	95.7 (8)	71.4 (12)
VTMN181 TE MANIA NERO N181	34.3 (21)	282.7 (32)	228.3 (28)	378.7 (22)			65.4 (17)	5.3 (26)	6.6 (27)	6.5 (14)				-2.1 (9)				68.4 (22)	58.8 (26)	82.4 (28)	86.7 (2)
DXTM100 TEXAS MT KAPUTAR M100	35.7 (31)	278.0 (3)	249.9 (3)	395.3 (7)			63.7 (32)	5.1 (32)	6.7 (23)	5.8 (32)				-1.9 (13)				45.0 (33)	66.7 (17)	66.7 (33)	66.7 (16)
USA18066037 V A R LEGEND 5019	35.2 (27)	280.5 (20)	250.1 (2)	402.8 (5)			66.5 (8)	5.3 (26)	6.1 (32)	6.0 (30)				-2.3 (4)				76.2 (8)	42.9 (32)	85.7 (23)	66.7 (16)
QKBP29 WARRAWEE PATROL P29	31.9 (1)	276.4 (2)	230.5 (25)	387.6 (13)			64.7 (24)	6.8 (1)	8.6 (1)	6.7 (5)				-2.7 (2)				80.0 (6)	71.4 (11)	78.6 (31)	55.6 (30)