AngusSire™
Benchmarking Program

PROGENY PERFORMANCE REPORT

COHORT 10

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 — Sire / Dam	Name — 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	ABI	DOM	GRN	GRS
					Calv-Ease		Birth		Growth					Fert		Carcase						Feed	Temp	Structural		Selection Index			
NXOL172	AJC L172 ᔆⱽ				+7.2	+7.2	-7.9	+3.0	+59	+105	+140	+122	+22	+1.5	-5.0	+72	+6.1	+0.0	-0.5	+1.0	+1.8	-0.70	+10	+1.28	+1.34	$152	$139	$168	$148
NXOF43	APR	7	95	51	54%	37%	93%	94%	90%	90%	90%	81%	68%	74%	54%	88%	85%	84%	85%	83%	85%	82%	81%	85%	85%				
NXOJ432					17	13	8	21	7	7	6	13	11	71	45	23	44	45	51	27	55	1	36	95	99	8	9	10	7

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		Angle	Foot Angle
600	600 Day Weight		Claw	Claw Set
MCW	Mature Cow Weight		ABI	Angus Breeding Index
Milk	Milk			
SS	Scrotal Size		DOM	Domestic Index
DC	Days to Calving		GRN	Heavy Grain Index
CW	Carcase Weight			
EMA	Eye Muscle Area		GRS	Heavy Grass Index
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 10
Mid May 2021 TransTasman Angus Cattle Evaluation

AngusSire Benchmarking Program

Ident (Sire / Dam)	Name / 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	ABI	DOM	GRN	GRS
NAQN329 (NAQH318 / NAQK30)	ARDROSSAN HOLBROOK N329 PV — HBR	7	96	96	+2.7	-0.3	-4.2	+3.1	+44	+84	+110	+79	+21	+2.3	-10.1	+66	+5.4	+3.1	+3.7	-2.8	+4.6	+1.03	-4	+0.98	+0.74	$147	$116	$173	$130
	Acc				53%	41%	95%	93%	86%	80%	80%	77%	68%	66%	46%	74%	66%	72%	68%	69%	67%	59%	78%	68%	59%				
	Rank				49	77	55	23	77	60	60	84	16	32	1	45	57	2	1	99	1	99	82	50	26	9	37	6	19
NAQM101 (NAQH255 / NAQH230)	ARDROSSAN MAGISTRATE M101 PV — HBR	8	198	189	+0.0	-0.6	-8.3	+5.0	+56	+105	+137	+105	+19	+2.1	-4.3	+72	+8.6	-0.5	-0.7	+2.0	+2.4	+0.55	-13	+0.92	+0.64	$153	$136	$171	$145
	Acc				60%	44%	97%	96%	94%	92%	92%	83%	73%	92%	54%	80%	78%	80%	79%	77%	75%	67%	80%	82%	81%				
	Rank				68	79	6	69	16	7	9	38	30	41	58	24	14	62	57	5	32	89	95	35	12	5	3	7	3
NBBN47 (HIOG18 / NBBL83)	BALD BLAIR NELSON N47 PV — HBR	10	81	81	+5.9	-1.2	-5.4	+4.2	+57	+101	+145	+127	+21	+1.0	-3.0	+74	+5.4	-2.2	-1.7	+0.8	+2.6	-0.19	+18	+1.12	+0.96	$143	$121	$162	$136
	Acc				55%	41%	95%	93%	89%	89%	87%	81%	71%	80%	49%	77%	74%	78%	76%	74%	74%	62%	84%	71%	71%				
	Rank				25	82	35	49	13	12	4	10	17	87	79	18	57	95	81	36	26	12	14	80	72	12	23	12	10
ECMN187 (NZE14647008839 / ECMF113)	BANNABY REALITY N187 SV — HBR	6	48	48	+9.0	+6.6	-7.9	+4.4	+53	+93	+115	+107	+14	+4.6	-8.5	+71	+5.1	+2.3	+0.9	-0.5	+3.1	+0.46	-9	+1.04	+0.88	$143	$127	$163	$131
	Acc				57%	47%	93%	91%	87%	81%	81%	78%	72%	74%	57%	76%	70%	74%	71%	72%	70%	65%	81%	74%	74%				
	Rank				8	17	8	54	24	32	49	35	72	1	4	28	62	4	17	86	14	83	91	65	56	12	11	12	17
HCAN20 (VTMK338 / HCAL54)	BOONAROO KASBAH N20 SV — HBR	6	49	49	+7.1	+4.6	-6.7	+4.8	+47	+89	+117	+106	+19	+2.7	-3.8	+58	+5.8	-0.8	-0.4	+0.8	+1.8	+0.15	+7	+1.04	+1.04	$123	$116	$130	$120
	Acc				50%	35%	93%	91%	85%	81%	79%	75%	64%	73%	41%	72%	66%	73%	69%	68%	67%	54%	81%	73%	74%				
	Rank				17	33	17	64	56	45	43	37	31	18	67	77	50	71	48	36	55	47	48	65	84	46	37	47	42
NGMN418 (WWEL3 / NGML471)	BOOROOMOOKA JACKPOT N418 PV — HBR	8	59	59	+4.5	+5.1	-8.3	+4.8	+62	+113	+143	+120	+16	+3.3	-10.2	+89	+7.7	-0.5	+0.5	+0.7	+3.6	+0.37	+11	+1.02	+1.16	$188	$155	$222	$167
	Acc				55%	42%	93%	91%	87%	82%	81%	77%	68%	72%	45%	75%	68%	74%	70%	70%	68%	61%	86%	69%	69%				
	Rank				35	29	18	64	4	2	5	16	58	7	1	2	22	62	25	41	7	75	35	60	94	1	1	1	1
NGMN213 (NGML201 / NGML45)	BOOROOMOOKA NORMANDY N213 — HBR	5	33	33	+12.8	+10.1	-8.7	+1.2	+44	+82	+108	+85	+21	+2.6	-6.8	+62	+5.3	-1.0	-0.6	+1.1	+2.2	+0.51	+13	+0.74	+0.82	$136	$123	$148	$129
	Acc				50%	37%	93%	89%	84%	78%	79%	76%	65%	71%	41%	71%	62%	68%	65%	65%	62%	55%	80%	71%	71%				
	Rank				1	2	5	4	77	67	64	75	18	21	17	63	59	76	54	24	39	86	28	7	43	22	18	25	21
AMQN9 (SMPG357 / AMQL11)	BROOKLANA GENESIS N9 PV — HBR	6	34	34	+1.0	+4.0	-5.0	+7.2	+63	+110	+144	+132	+25	+5.5	-4.2	+87	+14.1	-1.6	-2.5	+3.9	+1.1	+0.79	-6	+1.02	+0.98	$154	$141	$165	$148
	Acc				54%	41%	93%	90%	85%	81%	81%	78%	71%	71%	52%	76%	70%	75%	71%	72%	70%	64%	81%	64%	64%				
	Rank				61	39	41	97	3	4	5	7	4	1	59	2	1	89	92	1	82	97	86	60	75	4	1	10	2
GTNP9 (HKFJ5 / GTNK26)	CHILTERN PARK PICASSO P9 PV — HBR	10	103	103	+12.2	+8.6	-3.2	+1.1	+58	+107	+141	+101	+27	+2.9	-8.6	+93	+7.3	-0.7	-0.8	-0.2	+2.9	+0.34	+22	+0.74	+0.78	$165	$138	$186	$153
	Acc				56%	43%	96%	94%	84%	79%	80%	77%	69%	69%	49%	74%	67%	72%	69%	69%	67%	61%	74%	65%	65%				
	Rank				1	6	72	3	10	6	6	46	2	13	4	1	26	68	60	79	18	71	8	7	34	1	2	2	1
QMUM13 (USA16295688 / QMUG1)	CLUNES CROSSING DUSTY M13 PV — HBR	54	850	752	+4.1	+7.9	-8.3	+5.4	+65	+100	+119	+80	+15	+1.1	-9.5	+74	+15.4	+0.1	-2.0	+2.7	+2.7	+0.83	-12	+0.88	+0.82	$173	$156	$193	$159
	Acc				71%	51%	99%	98%	97%	97%	97%	84%	74%	97%	58%	81%	85%	85%	84%	80%	84%	70%	95%	81%	81%				
	Rank				38	9	6	77	2	14	38	82	66	84	2	18	1	42	86	2	23	98	95	27	43	1	1	1	1
NGCN208 (WWEL3 / NGCG037)	DULVERTON NEW APPROACH N208 — HBR	7	148	148	+1.2	+2.4	-5.9	+3.5	+52	+88	+120	+111	+16	+1.9	-5.9	+67	+7.3	-1.2	-1.9	+1.5	+2.4	+0.30	+22	+1.06	+1.00	$136	$120	$152	$127
	Acc				54%	42%	94%	90%	88%	88%	82%	77%	70%	69%	45%	75%	66%	70%	67%	68%	66%	60%	79%	69%	69%				
	Rank				60	55	27	32	30	47	36	28	61	51	29	43	26	81	85	13	32	67	8	69	78	22	26	21	25
QBGK112 (NAQA241 / QBGG72)	GLENOCH KALLANGUR K112 PV — HBR	5	121	79	-6.1	-3.5	-3.8	+7.2	+55	+99	+124	+106	+16	+2.1	-9.0	+84	+9.1	+0.4	+1.4	+0.9	+2.2	+0.43	+4	+0.64	+0.76	$142	$124	$156	$132
	Acc				58%	48%	93%	94%	91%	89%	90%	82%	76%	86%	59%	78%	75%	79%	76%	75%	74%	65%	80%	78%	77%				
	Rank				93	92	62	97	16	16	26	35	59	41	3	4	10	33	10	32	39	80	59	2	30	14	16	17	15
EETN1 (USA17031465 / VSNL24)	GVA NEWSWORTHY N1 PV — HBR	7	34	34	+11.9	+7.2	-10.5	+1.8	+53	+95	+120	+97	+19	+2.4	-7.1	+74	+6.7	-0.3	-1.1	+0.8	+2.0	+0.41	-1	+0.88	+1.02	$140	$129	$150	$134
	Acc				51%	39%	91%	88%	83%	78%	78%	76%	68%	68%	44%	72%	65%	70%	67%	67%	65%	57%	80%	71%	71%				
	Rank				2	13	1	7	23	25	37	54	32	28	14	18	35	55	68	36	46	79	72	27	81	16	8	23	12
DKKN43 (NORK522 / NKLF143)	HARDHAT K522 NEBRASKA F143 — HBR	6	55	55	+10.8	+9.8	-10.1	+2.4	+64	+111	+151	+143	+17	+4.5	-6.6	+87	+3.4	+0.7	-0.3	+0.4	+2.0	+0.10	-4	+0.86	+0.74	$157	$134	$172	$149
	Acc				52%	38%	91%	91%	83%	78%	78%	76%	66%	70%	46%	72%	66%	70%	67%	68%	65%	60%	79%	71%	71%				
	Rank				3	3	2	12	2	3	2	3	46	1	19	2	87	24	45	55	46	41	82	23	26	3	4	7	2
Breed Average EBVs					+2.0	+2.5	-4.5	+4.2	+48	+87	+114	+99	+17	+2.0	-4.7	+65	+6.0	-0.1	-0.4	+0.5	+2.0	+0.17	+6	+0.98	+0.85	+119	+111	+126	+116

AngusSire Benchmarking Program

Estimated Breeding Values

Ident / Sire / Dam	Name / 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	ABI	DOM	GRN	GRS
NHZM586 HAZELDEAN M586 SV / NHZJ140 / NHZH356 — APR		6	212	207	+9.7	+11.3	-8.4	+3.0	+52	+90	+126	+113	+17	+4.4	-10.2	+82	+4.3	+0.9	+0.0	-0.6	+3.6	+1.17	+28	+0.84	+0.48	$161	$128	$191	$144
					58%	41%	97%	97%	94%	92%	92%	83%	72%	93%	55%	79%	77%	78%	78%	75%	73%	66%	83%	84%	84%				
					6	1	6	21	32	41	23	25	48	1	1	6	76	20	37	89	7	99	3	19	2	2	10	2	3
DYFN6 INGLEBRAE FARMS NOBLEMAN N6 / NZE14647008839 / DYFL18 — HBR		9	113	113	+10.4	+9.9	-8.0	+2.8	+61	+97	+131	+115	+12	+3.6	-3.3	+75	+9.5	+2.0	-0.2	-0.1	+2.5	+0.10	-4	+1.00	+0.80	$138	$124	$146	$135
					58%	45%	94%	94%	88%	84%	85%	80%	71%	80%	54%	76%	72%	75%	74%	73%	71%	63%	79%	68%	67%				
					4	3	8	18	4	20	16	22	86	4	75	16	8	6	42	75	29	41	81	55	38	19	16	27	11
WKHN33 KOOJAN HILLS PATRIOT N33 SV / USA17577916 / WKHL10 — HBR		6	59	59	+7.8	+7.3	-4.2	+3.3	+56	+99	+134	+133	+16	+1.9	-4.9	+73	+5.4	-1.2	-2.4	+1.2	+2.3	-0.33	-9	+1.02	+0.80	$143	$127	$162	$135
					50%	35%	93%	92%	87%	81%	80%	76%	66%	70%	40%	73%	65%	69%	66%	66%	64%	55%	87%	71%	71%				
					13	12	55	27	14	15	12	6	57	51	46	20	57	81	91	21	35	5	91	60	38	12	11	12	11
VLYN131 LAWSONS CHARLIE N131 SV / USA16295688 / VLYL710 — HBR		6	84	84	-4.5	+0.9	-4.0	+5.6	+74	+127	+163	+134	+26	+2.7	-6.9	+88	+8.3	-1.4	-0.9	+1.4	+2.7	+0.34	+4	+0.78	+0.88	$169	$144	$191	$157
					58%	47%	94%	93%	85%	79%	80%	77%	69%	73%	53%	74%	67%	71%	69%	69%	67%	62%	81%	72%	72%				
					89	68	58	80	1	1	1	6	3	18	16	2	16	85	62	15	23	71	59	11	56	1	1	2	1
VRTP6 MERRIBROOK PROGRESSION OF / USA18219911 / VRTJ2 — HBR		5	19	19	+11.6	+9.6	-13.2	+1.4	+55	+97	+121	+105	+18	-0.1	-1.4	+72	+10.9	+0.3	-1.0	+1.6	+1.8	+0.03	+22	+0.96	+0.88	$131	$130	$133	$132
					50%	36%	90%	86%	82%	78%	78%	76%	67%	69%	40%	72%	65%	70%	66%	66%	65%	55%	73%	69%	69%				
					2	3	1	5	16	21	33	38	44	99	93	25	4	36	65	11	55	32	9	45	56	30	7	44	15
NMMM308 MILLAH MURRAH MILESTONE M308 / NZE14647008839 / NMMH331 — HBR		11	184	184	+4.3	+4.8	-8.5	+4.9	+45	+83	+103	+95	+17	+2.5	-8.3	+52	+4.9	+3.0	+3.5	-1.3	+2.2	+0.15	+3	+0.94	+0.86	$122	$111	$127	$117
					58%	47%	97%	96%	92%	87%	84%	80%	72%	80%	56%	78%	72%	76%	74%	73%	72%	65%	89%	67%	67%				
					36	32	4	66	71	67	75	58	50	25	5	91	66	2	1	97	39	47	62	40	52	48	54	51	50
CSWP036 MURDEDUKE BLACK PEARL P036 PV / USA17236055 / CSWL123 — HBR		6	41	41	+6.1	+3.1	-10.0	+4.4	+47	+86	+119	+107	+19	+2.4	-6.3	+75	+2.5	+0.6	+0.5	-1.3	+4.4	+0.46	+9	+1.22	+0.84	$142	$116	$173	$126
					56%	44%	93%	91%	84%	79%	80%	77%	70%	71%	53%	74%	68%	72%	70%	70%	68%	62%	81%	71%	71%				
					23	48	2	54	60	54	39	35	35	28	23	17	94	27	25	97	2	83	41	92	47	14	37	6	27
NURN70 MURRAY KODAK N70 PV / NORK522 / NURJ53 — HBR		12	54	54	+5.1	+5.5	-7.9	+4.0	+57	+96	+131	+136	+14	+5.9	-9.3	+79	+7.7	+0.3	-0.4	+1.4	+2.9	+0.39	+13	+0.94	+1.04	$165	$136	$193	$149
					55%	41%	93%	91%	87%	83%	82%	78%	70%	74%	50%	76%	72%	77%	74%	73%	72%	66%	86%	79%	80%				
					30	25	8	44	12	23	16	5	79	1	2	10	22	36	48	15	18	77	28	40	84	1	3	1	2
NURP54 MURRAY TWINHEARTS P54 PV / USA16350631 / NURM13 — HBR		6	27	27	+2.9	+5.2	-6.7	+6.9	+73	+131	+178	+159	+27	+2.5	-5.7	+103	+8.4	-1.3	-2.6	+0.9	+3.1	+0.10	+1	+1.26	+1.04	$182	$148	$215	$167
					50%	39%	91%	87%	83%	78%	78%	75%	68%	71%	48%	72%	66%	70%	67%	68%	66%	58%	81%	76%	76%				
					47	28	17	95	1	1	1	1	2	25	32	1	15	83	93	32	14	41	68	95	84	1	1	1	1
SMPN56 PATHFINDER NUCLEUS N56 SV / HIOG18 / SMPL179 — HBR		9	119	110	+3.3	+0.4	-4.1	+6.1	+64	+118	+156	+147	+15	+4.7	-6.9	+84	+9.3	-0.6	+0.0	+0.7	+3.6	+0.44	+10	+0.82	+0.66	$181	$147	$216	$163
					55%	41%	95%	95%	90%	84%	83%	79%	70%	74%	48%	76%	68%	73%	70%	70%	69%	61%	80%	67%	68%				
					44	72	57	88	3	1	2	2	65	1	16	4	9	65	37	41	7	81	38	16	14	1	1	1	1
NORL508 RENNYLEA L508 PV / USA17366506 / NORH414 — HBR		22	764	345	+1.9	+8.6	-6.4	+2.6	+45	+86	+116	+90	+28	+1.7	-5.8	+69	+5.7	+0.7	+1.0	-1.4	+4.2	+0.86	+5	+0.80	+0.70	$138	$115	$162	$126
					80%	61%	99%	98%	98%	98%	98%	95%	90%	98%	59%	86%	87%	87%	86%	82%	85%	72%	98%	93%	93%				
					55	6	21	15	68	54	45	67	1	61	31	36	51	24	15	98	2	99	56	13	19	19	41	12	27
NORM1078 RENNYLEA M1078 SV / NORH708 / NORF563 — APR		7	130	108	-1.0	-4.0	-2.4	+3.3	+41	+82	+107	+95	+19	+1.6	-4.5	+65	+8.7	-1.7	-1.9	-0.2	+5.5	+0.66	-4	+0.98	+0.96	$138	$116	$180	$118
					55%	43%	97%	95%	93%	91%	91%	82%	71%	89%	53%	79%	78%	81%	79%	77%	77%	66%	93%	73%	73%				
					74	93	82	27	87	67	67	57	35	65	54	51	13	90	85	79	1	94	81	50	72	19	37	4	47
JCAN4 STELLAR NEUTRON N4 PV / USA16295688 / AHWG93 — HBR		6	42	42	+4.5	+5.1	-7.9	+3.4	+61	+105	+132	+83	+28	+0.7	-7.9	+76	+5.4	+0.2	-0.2	+0.2	+2.5	+0.38	-5	+0.72	+1.02	$152	$136	$164	$144
					59%	47%	90%	90%	85%	82%	81%	78%	70%	76%	55%	76%	71%	75%	73%	73%	71%	65%	82%	79%	79%				
					35	29	8	29	5	7	14	78	1	93	7	14	57	39	42	64	29	76	83	5	81	5	3	11	3
SYAN340 STONEY POINT NOLTE N340 SV / SYAL178 / SGMK250 — HBR		6	55	55	+2.4	-1.7	-6.2	+6.1	+69	+120	+155	+140	+16	+4.0	-4.1	+92	+6.6	-1.1	-1.8	+1.2	+2.8	+0.07	-2	+0.84	+0.88	$157	$139	$180	$147
					49%	35%	91%	91%	87%	79%	80%	75%	65%	72%	42%	72%	62%	67%	64%	64%	62%	55%	79%	67%	67%				
					51	85	23	88	1	1	2	4	58	2	61	1	36	79	83	21	21	37	75	19	56	3	2	4	2
Breed Average EBVs					+2.0	+2.5	-4.5	+4.2	+48	+87	+114	+99	+17	+2.0	-4.7	+65	+6.0	-0.1	-0.4	+0.5	+2.0	+0.17	+6	+0.98	+0.85	+119	+111	+126	+116

Column groups: Calv-Ease (Dir, Dtrs) · Birth (GL, BW) · Growth (200, 400, 600, MCW, Milk) · Fert (SS, DC) · Carcase (CW, EMA, Rib, P8, RBY, IMF) · Feed (NFI-F) · Temp (Doc) · Structural (Angle, Claw) · Selection Index (ABI, DOM, GRN, GRS)

Estimated Breeding Values

Ident / Sire / Dam	Name / 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	ABI	DOM	GRN	GRS
VTMN424	**TE MANIA NEBO N424** PV				+11.0	+2.7	-7.4	+4.0	+54	+100	+130	+102	+32	+3.6	-3.9	+73	+9.0	-0.9	-2.1	+0.9	+3.4	+0.26	+33	+0.80	+0.76	$144	$129	$167	$134
VTMJ89	HBR	16	479	479	64%	44%	98%	98%	95%	93%	86%	80%	72%	88%	49%	78%	79%	82%	80%	76%	79%	67%	95%	87%	87%				
VTMJ214					3	52	11	44	21	14	17	43	1	4	65	21	11	74	88	32	9	62	1	13	30	11	8	9	12
VTMN181	**TE MANIA NERO N181** PV				-11.2	-5.2	-3.0	+4.8	+58	+97	+123	+95	+31	+4.3	-8.6	+74	+10.5	-1.1	-2.1	+1.1	+4.7	+0.78	+14	+0.88	+0.70	$145	$121	$180	$125
VTML135	HBR	14	243	243	63%	43%	98%	96%	94%	83%	82%	79%	68%	73%	44%	75%	65%	70%	67%	67%	65%	57%	92%	75%	74%				
VTML1251					99	96	75	64	10	20	29	56	1	1	4	18	5	79	88	24	1	97	25	27	19	10	23	4	29
DXTM100	**TEXAS MT KAPUTAR M100** PV				+8.4	+8.2	-11.7	+4.6	+61	+110	+153	+143	+16	+3.6	-2.6	+79	+6.9	-1.8	-1.8	+2.0	+1.4	+0.11	+11	+1.12	+0.96	$152	$134	$164	$148
USA15848590	HBR	9	147	93	60%	47%	96%	95%	91%	89%	89%	82%	75%	85%	55%	79%	78%	80%	78%	76%	77%	65%	89%	73%	73%				
DXTZ183					10	8	1	59	5	4	2	3	62	4	84	9	32	91	83	5	71	42	33	80	72	5	4	11	2
USA18066037	**V A R LEGEND 5019** SV				-3.7	+2.7	-6.5	+5.8	+71	+125	+157	+156	+14	+2.9	-3.3	+88	+7.9	-2.7	-4.7	+2.9	+2.5	-0.24	+4	+0.68	+1.02	$155	$143	$181	$144
USA17262835	HBR	25	117	99	58%	42%	95%	94%	90%	88%	86%	82%	79%	81%	47%	82%	76%	79%	74%	75%	76%	61%	83%	94%	95%				
USA16924432					86	52	20	84	1	1	1	1	76	13	75	2	20	98	99	1	29	9	60	3	81	4	1	3	3
QKBP29	**WARRAWEE PATROL P29** PV				+13.1	+12.5	-12.7	+2.3	+56	+102	+138	+130	+22	+2.6	-7.1	+96	+9.2	+2.8	+1.0	-0.1	+2.5	+0.87	+10	+1.14	+0.88	$159	$133	$175	$149
SMPG357	HBR	5	16	16	55%	43%	90%	87%	83%	80%	80%	78%	73%	73%	54%	76%	71%	76%	73%	73%	72%	65%	77%	63%	63%				
QKBM01					1	1	1	11	15	10	8	8	14	21	14	1	10	2	15	75	29	99	39	83	56	2	4	5	2
Breed Average EBVs					+2.0	+2.5	-4.5	+4.2	+48	+87	+114	+99	+17	+2.0	-4.7	+65	+6.0	-0.1	-0.4	+0.5	+2.0	+0.17	+6	+0.98	+0.85	+119	+111	+126	+116

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
BA...	...C1...	3	...9...	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 12th and 13th 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	34.0	19
ARDROSSAN MAGISTRATE M101	NAQM101	26	35.3	29
BALD BLAIR NELSON N47	NBBN47	27	33.8	16
BANNABY REALITY N187	ECMN187	27	31.8	1
BOONAROO KASBAH N20	HCAN20	27	34.0	19
BOOROOMOOKA JACKPOT N418	NGMN418	17	35.0	25
BOOROOMOOKA NORMANDY N213	NGMN213	20	31.9	5
BROOKLANA GENESIS N9	AMQN9	31	36.1	33
CHILTERN PARK PICASSO P9	GTNP9	17	32.9	10
CLUNES CROSSING DUSTY M13	QMUM13	34	34.7	23
DULVERTON NEW APPROACH N208	NGCN208	22	33.3	13
GLENOCH KALLANGUR K112	QBGK112	29	35.6	32
GVA NEWSWORTHY N1	EETN1	24	32.1	7
HARDHAT K522 NEBRASKA F143 N43	DKKN43	27	32.0	6
HAZELDEAN M586	NHZM586	39	33.3	13
INGLEBRAE FARMS NOBLEMAN N6	DYFN6	18	33.0	11
KOOJAN HILLS PATRIOT N33	WKHN33	31	32.2	8
LAWSONS CHARLIE N131	VLYN131	34	34.2	21
MERRIBROOK PROGRESSION OF KYAH	VRTP6	20	31.8	1
MILLAH MURRAH MILESTONE M308	NMMM308	21	33.9	18
MURDEDUKE BLACK PEARL P036	CSWP036	32	33.5	15
MURRAY KODAK N70	NURN70	26	34.2	21
MURRAY TWINHEARTS P54	NURP54	23	35.3	29
PATHFINDER NUCLEUS N56	SMPN56	32	34.8	24
RENNYLEA L508	NORL508	29	31.8	1
RENNYLEA M1078	NORM1078	37	32.7	9
STELLAR NEUTRON N4	JCAN4	23	33.2	12
STONEY POINT NOLTE N340	SYAN340	24	35.2	28
TE MANIA NEBO N424	VTMN424	24	35.0	25
TE MANIA NERO N181	VTMN181	18	33.8	16
TEXAS MT KAPUTAR M100	DXTM100	21	35.5	31
V A R LEGEND 5019	USA18066037	23	35.0	25
WARRAWEE PATROL P29	QKBP29	16	31.8	1

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
ARDROSSAN HOLBROOK N329	NAQN329	23	280.9	26
ARDROSSAN MAGISTRATE M101	NAQM101	22	281.1	27
BALD BLAIR NELSON N47	NBBN47	23	281.8	31
BANNABY REALITY N187	ECMN187	25	278.9	9
BOONAROO KASBAH N20	HCAN20	27	279.9	17
BOOROOMOOKA JACKPOT N418	NGMN418	16	279.4	13
BOOROOMOOKA NORMANDY N213	NGMN213	21	279.2	12
BROOKLANA GENESIS N9	AMQN9	27	281.6	28
CHILTERN PARK PICASSO P9	GTNP9	18	282.8	33
CLUNES CROSSING DUSTY M13	QMUM13	34	279.4	13
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	13
INGLEBRAE FARMS NOBLEMAN N6	DYFN6	17	279.1	11
KOOJAN HILLS PATRIOT N33	WKHN33	28	280.4	19
LAWSONS CHARLIE N131	VLYN131	32	280.6	21
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	21
PATHFINDER NUCLEUS N56	SMPN56	27	280.6	21
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	21
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	280.6	21
WARRAWEE PATROL P29	QKBP29	16	276.4	2

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
ARDROSSAN HOLBROOK N329	NAQN329	21	229.1	26
ARDROSSAN MAGISTRATE M101	NAQM101	22	240.7	10
BALD BLAIR NELSON N47	NBBN47	25	237.9	15
BANNABY REALITY N187	ECMN187	27	223.8	32
BOONAROO KASBAH N20	HCAN20	26	228.9	27
BOOROOMOOKA JACKPOT N418	NGMN418	16	242.8	9
BOOROOMOOKA NORMANDY N213	NGMN213	18	224.1	31
BROOKLANA GENESIS N9	AMQN9	29	239.6	12
CHILTERN PARK PICASSO P9	GTNP9	16	244.6	8
CLUNES CROSSING DUSTY M13	QMUM13	35	238.0	14
DULVERTON NEW APPROACH N208	NGCN208	21	232.1	21
GLENOCH KALLANGUR K112	QBGK112	25	238.9	13
GVA NEWSWORTHY N1	EETN1	23	232.5	20
HARDHAT K522 NEBRASKA F143 N43	DKKN43	24	240.2	11
HAZELDEAN M586	NHZM586	34	236.3	17
INGLEBRAE FARMS NOBLEMAN N6	DYFN6	18	245.8	6
KOOJAN HILLS PATRIOT N33	WKHN33	32	234.3	18
LAWSONS CHARLIE N131	VLYN131	29	248.6	4
MERRIBROOK PROGRESSION OF KYAH	VRTP6	16	233.9	19
MILLAH MURRAH MILESTONE M308	NMMM308	20	230.1	25
MURDEDUKE BLACK PEARL P036	CSWP036	27	226.9	30
MURRAY KODAK N70	NURN70	24	237.5	16
MURRAY TWINHEARTS P54	NURP54	23	255.3	1
PATHFINDER NUCLEUS N56	SMPN56	27	248.6	4
RENNYLEA L508	NORL508	26	228.4	29
RENNYLEA M1078	NORM1078	32	222.7	33
STELLAR NEUTRON N4	JCAN4	22	231.8	22
STONEY POINT NOLTE N340	SYAN340	24	245.8	6
TE MANIA NEBO N424	VTMN424	24	231.6	23
TE MANIA NERO N181	VTMN181	18	228.5	28
TEXAS MT KAPUTAR M100	DXTM100	20	250.2	2
V A R LEGEND 5019	USA18066037	20	249.9	3
WARRAWEE PATROL P29	QKBP29	15	230.7	24

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/

Sire Name	Sire ID	Number of Progeny	Progeny % Score 1-1.5	Rank
ARDROSSAN HOLBROOK N329	NAQN329	21	52.4	29
ARDROSSAN MAGISTRATE M101	NAQM101	23	47.8	31
BALD BLAIR NELSON N47	NBBN47	26	73.1	14
BANNABY REALITY N187	ECMN187	27	48.1	30
BOONAROO KASBAH N20	HCAN20	26	65.4	22
BOOROOMOOKA JACKPOT N418	NGMN418	15	86.7	4
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	25	68.0	20
GVA NEWSWORTHY N1	EETN1	23	65.2	23
HARDHAT K522 NEBRASKA F143 N43	DKKN43	24	75.0	10
HAZELDEAN M586	NHZM586	34	91.2	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	19
MERRIBROOK PROGRESSION OF KYAH	VRTP6	16	75.0	10
MILLAH MURRAH MILESTONE M308	NMMM308	20	65.0	24
MURDEDUKE BLACK PEARL P036	CSWP036	28	71.4	16
MURRAY KODAK N70	NURN70	24	75.0	10
MURRAY TWINHEARTS P54	NURP54	24	70.8	17
PATHFINDER NUCLEUS N56	SMPN56	27	77.8	7
RENNYLEA L508	NORL508	26	46.2	32
RENNYLEA M1078	NORM1078	32	71.9	15
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	5
TE MANIA NERO N181	VTMN181	18	66.7	21
TEXAS MT KAPUTAR M100	DXTM100	20	45.0	33
V A R LEGEND 5019	USA18066037	20	75.0	10
WARRAWEE PATROL P29	QKBP29	15	80.0	6

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
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)
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)
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	34.0 (19)	280.9 (26)	229.1 (26)															52.4 (29)			
NAQM101 ARDROSSAN MAGISTRATE M101	35.3 (29)	281.1 (27)	240.7 (10)															47.8 (31)			
NBBN47 BALD BLAIR NELSON N47	33.8 (16)	281.8 (31)	237.9 (15)															73.1 (14)			
ECMN187 BANNABY REALITY N187	31.8 (1)	278.9 (9)	223.8 (32)															48.1 (30)			
HCAN20 BOONAROO KASBAH N20	34.0 (19)	279.9 (17)	228.9 (27)															65.4 (22)			
NGMN418 BOOROOMOOKA JACKPOT N418	35.0 (25)	279.4 (13)	242.8 (9)															86.7 (4)			
NGMN213 BOOROOMOOKA NORMANDY N213	31.9 (5)	279.2 (12)	224.1 (31)															77.8 (7)			
AMQN9 BROOKLANA GENESIS N9	36.1 (33)	281.6 (28)	239.6 (12)															56.7 (28)			
GTNP9 CHILTERN PARK PICASSO P9	32.9 (10)	282.8 (33)	244.6 (8)															93.8 (1)			
QMUM13 CLUNES CROSSING DUSTY M13	34.7 (23)	279.4 (13)	238.0 (14)															60.0 (27)			
NGCN208 DULVERTON NEW APPROACH N208	33.3 (13)	280.3 (18)	232.1 (21)															90.5 (3)			
QBGK112 GLENOCH KALLANGUR K112	35.6 (32)	281.6 (28)	238.9 (13)															68.0 (20)			
EETN1 GVA NEWSWORTHY N1	32.1 (7)	278.0 (3)	232.5 (20)															65.2 (23)			
DKKN43 HARDHAT K522 NEBRASKA F143 N43	32.0 (6)	278.7 (8)	240.2 (11)															75.0 (10)			
NHZM586 HAZELDEAN M586	33.3 (13)	279.4 (13)	236.3 (17)															91.2 (2)			
DYFN6 INGLEBRAE FARMS NOBLEMAN N6	33.0 (11)	279.1 (11)	245.8 (6)															61.1 (26)			
WKHN33 KOOJAN HILLS PATRIOT N33	32.2 (8)	280.4 (19)	234.3 (18)															75.8 (9)			
VLYN131 LAWSONS CHARLIE N131	34.2 (21)	280.6 (21)	248.6 (4)															69.0 (19)			
VRTP6 MERRIBROOK PROGRESSION OF KYAH PARK	31.8 (1)	276.3 (1)	233.9 (19)															75.0 (10)			
NMMM308 MILLAH MURRAH MILESTONE M308	33.9 (18)	278.3 (5)	230.1 (25)															65.0 (24)			
CSWP036 MURDEDUKE BLACK PEARL P036	33.5 (15)	278.3 (5)	226.9 (30)															71.4 (16)			
NURN70 MURRAY KODAK N70	34.2 (21)	278.5 (7)	237.5 (16)															75.0 (10)			

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	35.3 (29)	280.6 (21)	255.3 (1)															70.8 (17)			
SMPN56 PATHFINDER NUCLEUS N56	34.8 (24)	280.6 (21)	248.6 (4)															77.8 (7)			
NORL508 RENNYLEA L508	31.8 (1)	278.9 (9)	228.4 (29)															46.2 (32)			
NORM1078 RENNYLEA M1078	32.7 (9)	281.7 (30)	222.7 (33)															71.9 (15)			
JCAN4 STELLAR NEUTRON N4	33.2 (12)	279.8 (16)	231.8 (22)															63.6 (25)			
SYAN340 STONEY POINT NOLTE N340	35.2 (28)	280.5 (20)	245.8 (6)															70.8 (17)			
VTMN424 TE MANIA NEBO N424	35.0 (25)	280.6 (21)	231.6 (23)															83.3 (5)			
VTMN181 TE MANIA NERO N181	33.8 (16)	282.7 (32)	228.5 (28)															66.7 (21)			
DXTM100 TEXAS MT KAPUTAR M100	35.5 (31)	278.0 (3)	250.2 (2)															45.0 (33)			
USA18066037 V A R LEGEND 5019	35.0 (25)	280.6 (21)	249.9 (3)															75.0 (10)			
QKBP29 WARRAWEE PATROL P29	31.8 (1)	276.4 (2)	230.7 (24)															80.0 (6)			