Final report

Angus Australia Progeny Test and Information Nucleus

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Abstract

With the emergence of genomic technology as a potential additional source of information to enhance the rate of genetic improvement, Angus Australia commenced a reference population project, known as the Angus Sire Benchmarking Program (ASBP), in 2010.

Across eight (8) Cohorts, between 21 and 47 Angus bulls were joined through fixed time AI to 1,000 to 2,500 cows per year. Their progeny were measured for numerous commercially relevant traits, from birth to slaughter in the steers and birth to first parity in the heifers.

The ASBP successfully progeny tested 299 highly relevant Angus bulls through 8,844 progeny, with the relevant data included in the Trans-Tasman Angus cattle Evaluations (TACE) to inform Estimated Breeding Value (EBVs). DNA samples were collected on all ASBP bulls and subsequent genomic profiles generated of sufficient density for inclusion in the single-step TACE analysis.

This project has provided confidence in genomic testing Angus cattle for inclusion in genetic evaluation programs. This is demonstrated through the exponential increase in genomic testing by Angus Australia members in recent calving years. Outcomes from this project have also contributed to increasing the rate of genetic gain in the Australian Angus population, resulting is an estimated $6.4 million after 10 years to 2020, or $174 million after 25 years to 2035 through additional genetic gain.

Executive summary

Background

With the emergence of genomic technology as a potential additional source of information to enhance the rate of future genetic improvement, Angus Australia commenced a reference population project, known as the Angus Sire Benchmarking Program (ASBP), in 2010.

The results from this project will be used to inform the Trans-Tasman Angus Cattle Evaluation (TACE) and provide higher accuracy Estimated Breeding Values (EBVs) for breeding candidates (bulls and heifer) selection in seedstock and commercial herds. Subsequently this will deliver higher rates of genetic gain in the Australian Angus populations and production gains for the Australian beef supply chain.

Objectives

The project will deliver:

1. 120 highly relevant Angus bull's progeny tested to a high accuracy.
2. Those bulls will be evaluated, though their progeny, for a range of commercially relevant traits, particularly hard-to-measure traits (carcase, fertility, feed intake).
3. DNA samples on all bulls to allow genotyping with a range of DNA products.

Methodology

Across eight (8) Cohorts, between 21 and 47 Angus bulls were joined through fixed time AI to 1,000 to 2,500 cows per year. The resulting progeny were measured for numerous commercially relevant traits, from birth to slaughter in the steers and birth to first parity in the heifers. All relevant ASBP data was added to the Angus Australia database and included in the Trans-Tasman Angus Cattle Evaluation (TACE) to contribute to the calculation of Estimated Breeding Values (EBVs) of the sires and their relatives.

Results/key findings

The ASBP has successfully progeny tested 299 highly relevant Angus bulls through 8,844 progeny, with numerous commercially relevant phenotypes collected and included in the Trans-Tasman Angus cattle Evaluations (TACE) to inform Estimated Breeding Value (EBVs). The phenotypes have resulted in moderate to high TACE EBV accuracies for the ASBP bulls. Additionally, DNA samples have been collected on all ASBP bulls and subsequent genomic profiles generated of sufficient density for inclusion in the single-step TACE analysis.

Benefits to industry

This project has provided confidence in genomic testing Angus cattle for inclusion in genetic evaluation programs. This is demonstrated through the exponential increase in genomic testing by Angus Australia members in recent calving years. Outcomes from this project have also contributed to increasing the rate of genetic gain in the Australian Angus population, resulting is an estimated $6.4 million after 10 years to 2020, or $174 million after 25 years to 2035 through additional genetic gain.

Additionally, associated studies confirmed that EBVs provide a reliable prediction of how the progeny from sires in the ASBP performed. The results of these studies have been widely communicated within the industry, illustrating that EBVs should be used with confidence when selecting animals for use within a beef breeding program.

Future research and recommendations

Further work is recommended to maintain and grow this Australian Angus reference population, particularly for hard-to-measure and novel traits, as well as ensuring that it remains contemporary. This is being addressed in the short-term through 3 additional ASBP cohorts (MDC project P.PSH.1172). A challenge that is currently being considered by Angus Australia is how this reference population program, that benefits a large segment of the Australian beef supply chain, is conducted and funded into the future.

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1. Background

Angus Australia members have been early adopters of breeding technologies and in-turn achieving world-leading rates of genetic improvement in beef production profitability traits. This has been primarily through the application of performance-based selection programs using the Trans-Tasman Angus Cattle Evaluation (TACE) using BREEDPLAN software (Parnell, 2015). With the emergence of genomic technology as a potential additional source of information to enhance the rate of future genetic improvement, Angus Australia commenced the Angus Sire Benchmarking Program (ASBP) in 2010.

The overall objective of the ASBP is to establish a contemporary reference population of Australian Angus animals with phenotypes, particularly those which are hard-to-measure, and genotypes to facilitate the application of genomic technology for Australian beef producers. This program forms part of a portfolio of industry Beef Information Nucleus (BIN) projects initiated by various breeds with funding support from the Meat and Livestock Australia Donor Company (Banks, 2011).

The results from this project will be used to inform the Trans-Tasman Angus Cattle Evaluation (TACE) and provide higher accuracy Estimated Breeding Values (EBVs) for breeding candidates (bulls and heifer) selection in seedstock and commercial herds. Subsequently this will deliver higher rates of genetic gain in the Australian Angus populations and production gains for the Australian beef supply chain.

2. Objectives

The project will deliver:

1. 120 highly relevant Angus bulls, progeny tested to a high accuracy (c. 25 progeny per sire generates Breeding Values accuracy of c. 63% for a trait with a heritability of 25%)

2. Those bulls will be evaluated for:
   2.1. Growth traits (weights at a range of ages including birth)
   2.2. Live scan (fat and muscle) traits
   2.3. Structural soundness and docility traits
   2.4. Feed intake data on steers
   2.5. Pregnancy and birth traits (rate, length, calving ease)
   2.6. MSA data for steer progeny
   2.7. IMF%, chemical fat, shear force and other eating quality traits

3. DNA samples on all bulls, allowing genotyping with a range of DNA products (both commercial and research), which will generate accurate calibrations of those DNA products – essentially, their accuracies in predicting genetic merit.

The project has successfully met or exceeded all listed deliverables which are outlined further in section 4 (Results) of the report.

Note – The above objectives were developed based on 3 Cohorts in the original project. The project was varied overtime to cover 8 Cohorts, therefore the information in this report should be considered across all 8 Cohorts.

3. Methodology

The ASBP commenced in 2010 (Cohort 1), with 35 Angus bulls joined by one round of fixed-time artificial insemination (AI) to 1,640 cows across 5 (five) co-operator herds. In subsequent years, an additional 7 cohorts (to total 8 Cohorts) of between 21 and 47 bulls were joined to between 1,000 and 2,500 cows per year.

In each cohort, a genetically diverse range bulls, were selected from those nominated by Angus breeders from all states of Australia and New Zealand. Sires from USA and the UK were also included in some cohorts. Sires represented in each cohort were predominately young Angus bulls (2 – 3 years of age), with some older influential sires occasionally included. Table 1 shows the numbers of sires used and the total numbers of progeny produced from each cohort.

DNA samples, through frozen semen straws, were collected and stored on all ASBP bulls with genomic profiles generated of sufficient density for inclusion in genetic evaluation programs.

Birth and early growth performance traits were measured on all calves in the co-operator herds. Male progeny were castrated and grown to feedlot entry age prior to measurement of feed intake over a 70-day test period, followed by finishing in a commercial feedlot. Following slaughter, chilled carcases were graded (Meat Standard Australia) and assessed for a range of meat quality traits. Additionally, meat samples were taken for meat science assessment, including intramuscular fat using soxhlet calibrated near-infrared spectrophotometry and shear force. Heifer progeny were grown out in the commercial co-operator herds and joined by natural service to obtain first-parity reproductive and calving performance.

Ultrasound scanning for carcase traits in the live animal was conducted on the majority of progeny, along with recording of temperament, coat scores and structural assessment. In addition, samples of progeny across various cohorts were measured for a range of novel traits, including immune competence, methane emissions, coat type, retail beef yield and carcase fatty acid profile.

All relevant ASBP data was added to the Angus Australia database and included in the Trans-Tasman Angus Cattle Evaluation (TACE) to contribute to the calculation of Estimated Breeding Values (EBVs) of the sires and their relatives.

The ASBP was managed by an experienced project team at Angus Australia, coupled with guidance from a consultative committee that met three times per year over the course of the program. This committee consisted of representatives covering cow herds, bull owners, feedlots, MLA and Angus Australia. Industry partners also contributed to the project's success such as Rangers Valley Feedlot, Kerwee Feedlot, John Dee Abattoir, Vetoquinol, Zoetis, Neogen and a range of genetic-semen providers (e.g. ABS, Genetic Australia, Agrigene, Semex).

4. Results

4.1 Bulls

4.1.1 Bull Statistics

Over the course of 8 ASBP Cohorts, 8,844 progeny have been generated from 299 bulls (Table 1) that average 2.5 years of age. Most of bulls were bred in Australia (n=258), while a smaller number (n=41) were influential overseas bred sires (New Zealand, United States of America and United Kingdom).

Table 1. ASBP Bull Statictics and Progeny Numbers

Cohort	Joining Year	Av. Age (yr)*	Number of bulls			Av ABI†	Total Progeny	Progeny per sire Average (Min, Max)
			Aust.	O'seas.	Total			
1	2010	3.0	31	4	35	$73	906	26.3 (15, 36)
2	2011	2.5	37	10	47	$67	1,303	25.8 (17, 41)
3	2012	2.5	32	8	40	$77	1,255	24.3 (14, 37)
4	2013	2.2	19	2	21	$90	608	26.4 (10, 37)
5	2014	2.3	36	10	46	$74	1,311	27.2 (16, 47)
6	2015	2.6	40	1	41	$96	1,323	27.6 (19, 46)
7	2016	2.7	30	4	34	$117	1,091	27.0 (12, 42)
8	2017	2.3	33	2	35	$127	1,047	25.5 (10, 40)
All		2.5	258	41	299	$88	8,844	

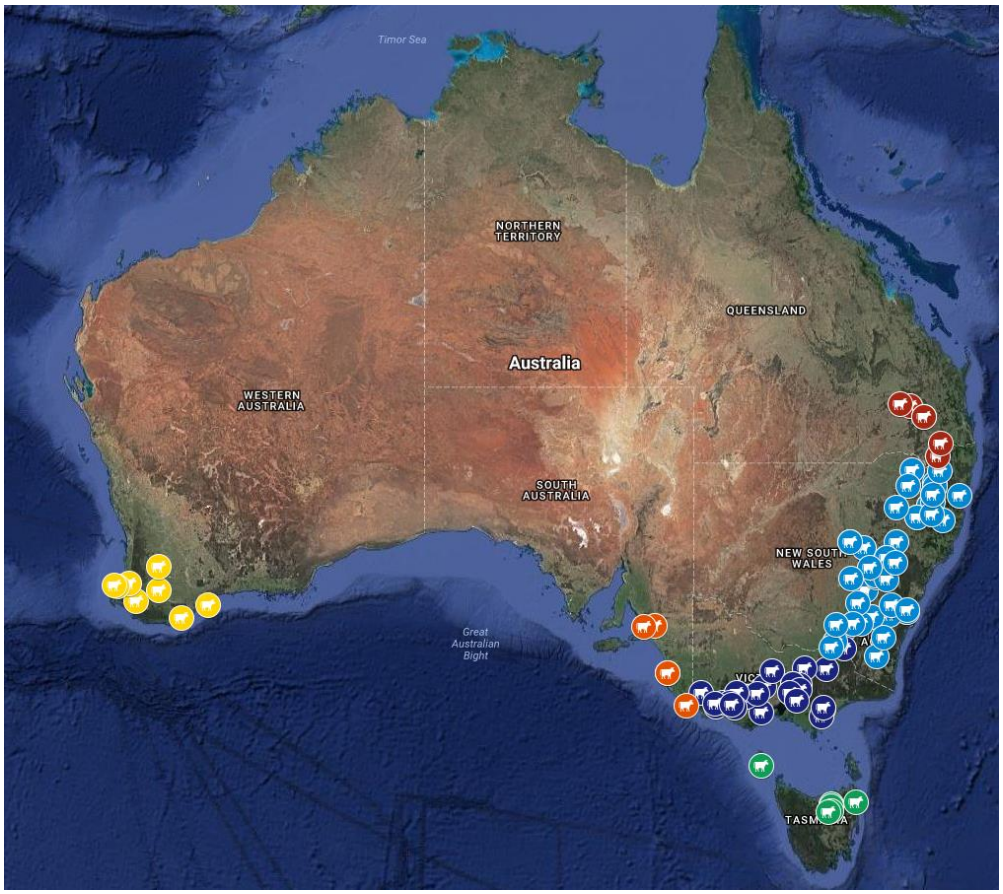
*Average age in years of bulls at Cohort use. †Angus Breeding Index BREEDOBJECT v6.

4.1.2 Bull Relevance

The high relevance of the bulls to the overall Angus Australia registered population, and the commercial industry using Angus genetics, has been determined through several methods:

- Bull Origin: The ASBP sires have originated from all major Angus bull breeding regions of Australia (figure 1). The sires have been bred, on a state basis, in NSW (n=155), Victoria (n=64), Western Australia (n=17), Tasmania (n=9), Queensland (n=7) and South Australia (n=6). Several overseas bred bulls have also entered including New Zealand (n=30), USA (n=8) and the United Kingdom (n=3).
- Number of registered progeny: Across the 299 bulls used in the ASBP they collectively have 100,431 progeny registered across 849 member herds. This is an average of 336 (ranging from 10 to 7,521) progeny per sire and 118 progeny per herd (ranging from 1 to 8,044).
- Principle component analysis: A study undertaken by Vinzent Borner (2017, unpublished) from the Animal Genetics and Breeding Unit (AGBU) investigated the degree of relatedness, on a DNA level, between the ASBP bulls to all Angus animals genotyped and registered with Angus Australia (n=32,659). Using principle component analysis, the study revealed that the ASBP bulls had strong and significant relatedness across the Australian Angus population that are genotyped.

Figure 1 – Origin of ASBP Sires Bred in Australia.



4.1.3 Bull EBV Accuracy

The phenotypes generated from bull progeny in the ASBP have resulted in moderate to high TACE Estimated Breeding Value (EBV) accuracies (Table 2). This is particularly evident for the hard-to-measure traits from the ASBP being carcase (Cwt, EMA, Rib, P8 and IMF), feed intake (NFI) and fertility (DC).

Table 2. Average Estimated Breeding Value Accuracy of ASBP Bull (Mid-December 2020 TACE)

	Traits*														
Cohort	CED	GL	Bwt	200	400	600	DC	DOC	NFI	Cwt	EMA	Rib	P8	RBY	IMF
1	72%	94%	95%	93%	94%	94%	69%	86%	82%	90%	88%	90%	89%	86%	88%
2	69%	94%	94%	92%	92%	93%	66%	83%	82%	89%	87%	90%	88%	85%	87%
3	68%	94%	95%	93%	93%	93%	65%	86%	83%	90%	88%	90%	88%	85%	87%
4	66%	95%	94%	92%	92%	93%	64%	86%	81%	88%	86%	89%	87%	84%	86%
5	66%	95%	94%	92%	92%	92%	65%	84%	82%	89%	87%	89%	87%	87%	87%
6	65%	95%	94%	92%	92%	92%	64%	85%	82%	89%	87%	90%	87%	86%	87%
7	65%	95%	94%	92%	92%	93%	63%	86%	82%	89%	87%	89%	87%	87%	87%
8	60%	94%	93%	90%	90%	90%	59%	84%	80%	87%	84%	84%	85%	83%	84%
ALL	67%	95%	94%	92%	92%	92%	64%	85%	82%	89%	87%	89%	87%	85%	87%

*CED = Calving Ease Direct, GL = Gestation Length, Bwt = Birth Weight, 200 = 200 Day Weight, 400 = 400 Day Weight, 600 = 600 Day Weight, DC = Days to Calving, DOC = Docility, NFI = Net feed Intake, Cwt = Carcase Weight, EMA = Eye Muscle Area, Rib = Rib Fat P8 = Rump Fat, RBY = Retail Beef Yield, IMF = Intramuscular Fat

4.2 Phenotypes

The number of effective phenotypes recorded on ASBP generated progeny and included in the mid-December 2020 TACE analysis, by Cohort and total, are listed in Table 3. Listed are the effective records, meaning they have progressed through the data cleaning process (i.e. variation, outliers) and into the TACE analysis. For example, while calving difficulty scores were recorded on most calves, in earlier cohorts of 1,2,3 and 4, few yearling heifers were joined therefore no or limited calving difficulty was observed.

Table 3. Effective ASBP Phenotypes included in TACE (Mid-December 2020 TACE)

Cohort	1	2	3	4	5	6	7	8	
Calving Year	2011	2012	2013	2014	2015	2016	2017	2018	Total
Calving Ease Direct	8	0	0	0	352	477	580	148	1565
Gestation Length	298	765	616	562	1207	997	723	835	6003
Birth Weight	837	1062	946	572	1245	1233	1087	944	7926
200 Day Weight	838	1073	1198	557	1201	1213	1079	971	8130
Docility	835	1069	1192	556	1176	1172	1056	932	7988
400 Day Weight	722	603	537	377	1010	1164	728	844	5985
600 Day Wight	586	860	783	505	886	733	694	581	5628
Days-to-Calving	245	238	274	202	451	378	241	185	2214
Scan Intramuscular Fat	782	974	1083	486	1115	1150	865	774	7229
Scan Eye Muscle Area	798	973	1084	486	1115	1149	862	772	7239
Scan Rib Fat	780	969	1084	486	1115	1146	865	769	7214
Scan Rump Fat	778	967	1084	484	1106	1130	858	766	7173
Carcase Weight	364	506	562	271	549	570	549	509	3880
Carcase Eye Muscle Area	361	505	560	270	544	569	538	490	3837
Carcase Rump Fat	361	506	562	270	549	560	550	509	3867
Carcase Rib Fat	353	500	553	268	546	570	538	170	3498
Retail Beef Yield	0	0	0	0	150	235	355	169	909
Carcase Intramuscular Fat	360	505	562	271	548	569	550	508	3873
Net Feed Intake	349	518	573	271	554	580	532	492	3869

Additionally, several novel phenotypes, not listed in table 3, have been recorded on ASBP progeny for R&D and future genetic evaluation including:

- Immune Competence: Cell and antibody mediated. (n = 4016)
- Coat type score (n = 6184)
- Structural soundness scores (n = 7,163)
- Muscle scores (n = 9782)
- Warner-Bratzler shear force (n = 1,220)
- Meat Standards Australia (MSA) grade data (n = 4,131)
- Fatty Acid, iron and zinc profiles (n = 154)
- Methane emissions (n = 326)

4.3 Genotypes

DNA samples have been collected, mostly in the form of semen straws stored in liquid nitrogen, on all ASBP bulls. All bulls have also been genotyped with sufficient density for inclusion in the single-step TACE analysis (table 4). The average number of single nucleotide polymorphism (SNP) per sire profile is 63,233 (ranging from 17,404 to 76,727). Additionally, most bulls (95%) have either been fully parent verified or sire verified, which is dependent on having a DNA profile available on their sire and or dam. Most of the un-verified sires are overseas bred and have been sire or parent verified by the breed association in their country of origin.

Table 4. Average number of Single Nucleotide Polymorphism (SNP) for Genotypes of ASBP Bulls.

Cohort	# Bulls	Av. SNP	PV*	SV †
1	35	66,888	18	16
2	47	66,770	19	25
3	40	67,776	13	23
4	21	55,153	10	10
5	46	70,501	27	16
6	41	57,395	33	7
7	34	59,323	22	12
8	35	55,455	16	18
All	299	63,233	158	127

* PV = Parent Verified †SV = Sire Verified

4.4 Progeny Performance Reports

For standardised reporting to Angus Australia members and industry, Sire Progeny Performance Reports were produced and updated regularly for each Cohort. The reports include TACE EBVs and average progeny performance within the ASBP, for numerous traits generally adjusted for herd, contemporary group, age of dam and progeny recording age (Appendix 8.1).

5. Conclusion

The ASBP is an important industry focussed project to develop an effective reference population, particularly for hard-to-measure traits, underpinning current and future genetic evaluation of Australian Angus cattle. In addition, the project has provided an important industry resource for the validation of contemporary genetic evaluation models, demonstration of the effectiveness of EBVs and the development of novel phenotypes for traits of commercial significance.

5.1 Key findings

- The ASBP has successfully progeny tested 299 highly relevant Angus bulls through 8,844 progeny.
- Numerous commercially relevant phenotypes have been collected and included in TACE to inform EBVs. This includes hard-to-measure traits such as carcase quality and quantity phenotypes, heifer fertility and feed efficiency measures. Several novel phenotypes have also been measured such as immune competence, coat type and fatty acid profiles.

- The phenotypes have resulted in moderate to high TACE Estimated Breeding Value (EBV) accuracies for the ASBP bulls.
- DNA samples have been collected on all ASBP bulls with genomic profiles generated of sufficient density for inclusion in the single-step TACE analysis.

5.2 Benefits to industry

5.2.1 Validation of EBVs

The ASBP has demonstrated that there is immense potential to achieve genetic improvement in Angus breeding programs by utilising selection tools, such as Estimated Breeding Values (EBVs) and Selection Indexes.

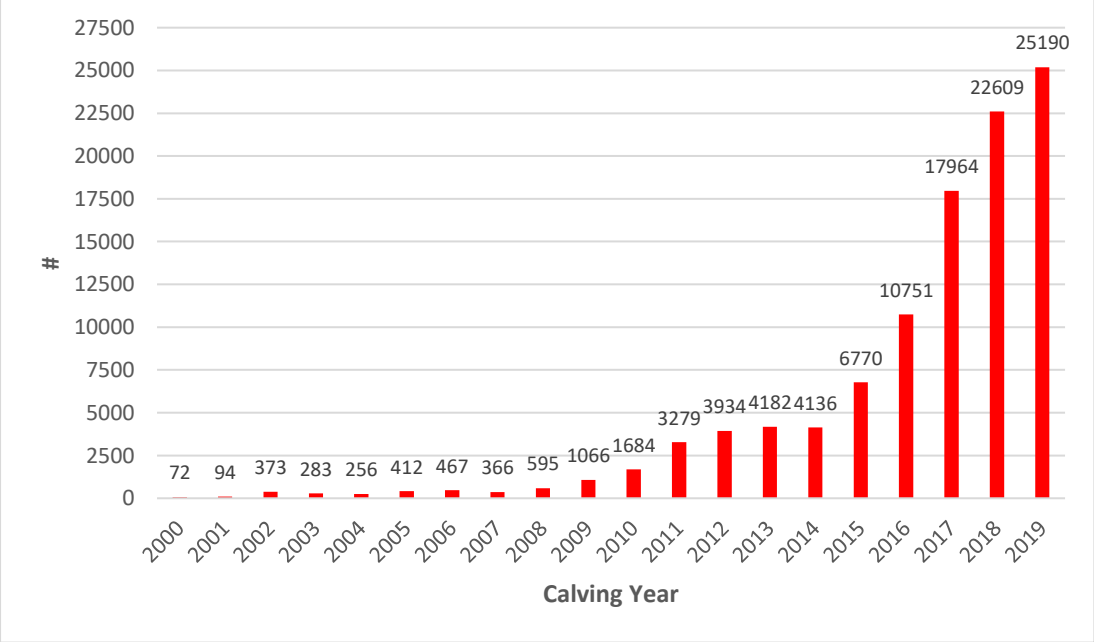
For example, two studies undertaken by Angus Australia have assessed the progeny performance of sires in the ASBP, to analyse how well the EBVs of the sires when entered in the program aligned with the actual performance of their progeny. This confirmed that EBVs provide a reliable prediction of how the progeny from sires in the ASBP subsequently performed and should be used with confidence when selecting animals for use within a beef breeding program (Appendix 8.2).

The outcomes from these studies have been communicated widely through Angus Australia's communication networks and education initiatives.

5.2.2 Increase in Genotyping

Angus Australia members have embraced genomic testing animals in their herds, particularly in recent calving years. There has been an exponential growth in animals with genotypes being included in TACE from Australian Angus breeders (figure 3). This is a result of the introduction of the single-step model (Johnston et al, 2018) during December 2017 to include genomic data more effectively in TACE, coupled with the confidence provided by the Angus Australia reference population which is underpinned by data from the ASBP.

Figure 3 – Number of genotypes by calving year included in Mid-December 2020 TACE



5.2.3 Increase in Genetic Gain

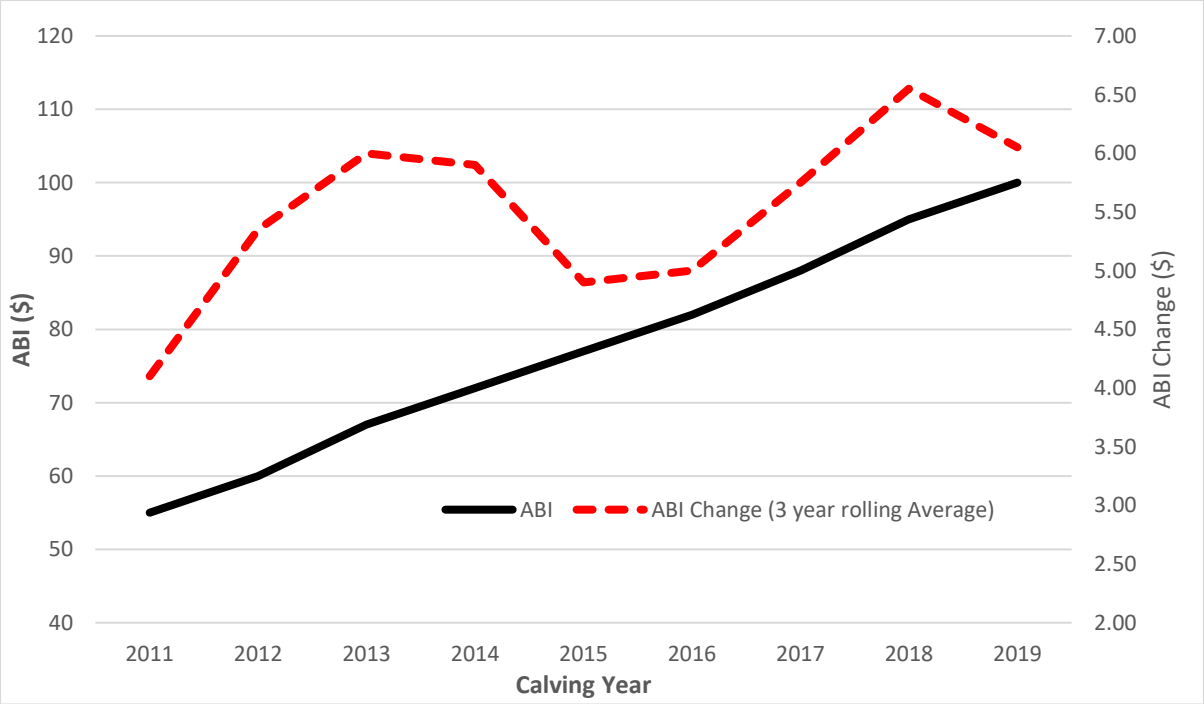
Genetic gain on a dollar ($) basis can be determined in the Australia Angus population by the trend in the Angus Breeding Index (Angus Australia, 2020) from BREEDOBJECT v6.

Over the period of this project, the Angus Breeding Index (ABI) has increased from $54.80 per cow joined for the 2011 born calves to $100.20 per cow joined for the 2019 born calves. This is an increase of $45.40 overall or average change of $5.68 per calving year.

Importantly, a 48% increase to the rate of genetic gain has also been observed. On a 3-year rolling average basis, at the commencement of the project (i.e. 2009 to 2011 calving years) the ABI change was $4.10 per cow mated per year compared to $6.05 per cow mated per year at the end of the project (i.e. 2017 to 2019 calving years).

While there are many factors contributing to the increase to the rate of genetic gain in the Australian Angus population, a significant portion, particularly in recent calving years, can be attributed to the recent availability of genomic selection underpinned by the ASBP reference population data and the single-step TACE analysis.

Figure 4. Genetic Trend for the Angus Breeding Index (Mid-December 2020 TACE)



5.2.4 Industry Economic Value

The outcomes generated from this project have contributed substantially to the 48% increase in the rate of genetic gain across the Angus genetic improvement pipeline between 2017-2019 compared to the gain achieved at the commencement of the project (i.e. as measured by the increase in Angus Breeding Index, ABI). This comes as the result of the facilitated implementation of single-step genomic assisted genetic evaluation and the strong focus on genetic improvement generated by the publicity around the project. The economic value of this outcome can be estimated by modelling the transmission of this increased genetic improvement through the value chain and comparing this with the predicted genetic gains achieved without this project.

"Without project" case: In the absence of this project it is anticipated that only 50% of the achieved increase in the rate of genetic gain in ABI between 2009-2011 to 2017-2019 would have been realised and would continue to be achieved in Angus seedstock herds into the future. This would result in an overall net present value of $2.369 billion across the Angus-influenced value chain over the 10 years of the project to 2020, or $5.729 billion over 25 years to 2035 (though it could be argued that rates of genetic improvement may decline without continued inputs of RD&A).

"With project" case: Assuming that 50% of the increase in the rate of genetic improvement observed in the ABI from the commencement of the project to 2017-2019 can be attributed to the outputs of the project (i.e. extra $0.98 per year, the rate of gain will be increased to $6.05 per cow per year in Angus seedstock herds (considering a benefit lag of 2 years), resulting in a net present value of $2.385 billion across the Angus-influenced value chain in the 10 years of the project to 2020, or $5.912 billion over 25 years to 2035. The net present value of this additional gain beyond the "Without project" case is $6.4 million after 10 years to 2020, or $174 million after 25 years to 2035 with an Internal Rate of Return of 36%.

Additional assumptions used in this analysis are listed in Appendix 8.3.

5.2.5 Collaborative R&D

As a member based organisation, Angus Australia is continually looking at opportunities to add value to the businesses of its members and the overall Australian beef industry. Consistent with this approach, the ASBP has allowed Angus Australia to increase its involvement in applied, industry focussed collaborative research, development and adoption (RD&A) activities.

The increased involvement in RD&A represents a significant transition from traditional breed society activities and is consistent with Angus Australia's vision of being a member-based, not-for-profit, innovation company, underpinned by collaborative R&D focussing on genetic improvement technologies.

The ASBP itself is a good example of collaborative RD&A between Angus Australia and industry through MLA and the MLA Donor company co-funding program.

The following are three more specific examples of collaborative RD&A that have capitalised on the ASBP cattle resources and reference population data:

- ImmuneDEX: In collaboration with CSIRO (Australia's national science research agency), this project defined an immune response phenotype, generated genetic parameters (heritabilities and genetic correlations) and produced Research Breeding Values (RBVs) (Hine et al, 2019). This resulted in the beef industry world first publication of the ImmuneDEX RBVs in May 2019 for Angus sires in the ASBP.

- ALMTech: In collaboration with a range of contributing organisations through the Advanced Livestock Measurement Technologies (ALMTech) program, several trial objective carcase measurement and grading technologies have been utilised on ASBP carcases. This has also included a genetic parameter estimation component with the Animal Genetics and Breeding Unit (AGBU) for one of these technologies. A publication by Stewart et al (2020) highlights the importance of the Angus BIN (i.e. ASBP) dataset to ALMtech associated R&D.

- Phenotypic and genetic relationships between retail beef yield, live animal and carcase traits: In collaboration with NSW DPI, this project has collected approximately 1,000 Angus steer and

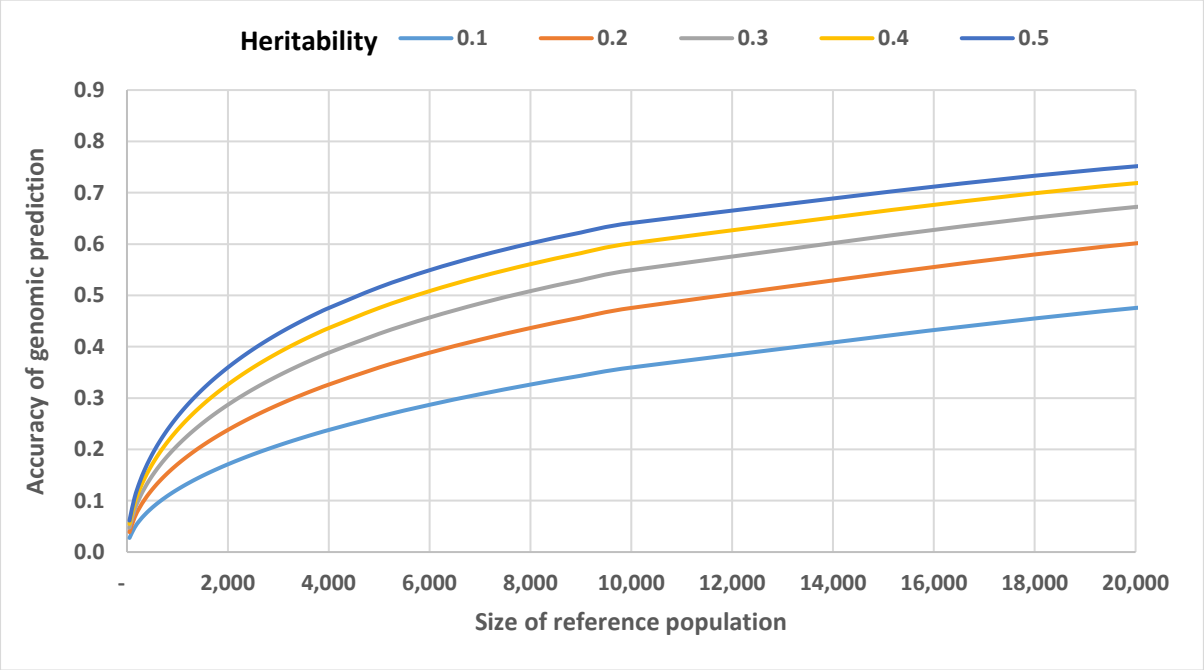
heifer retail beef yield phenotypes through full bone-out methodology (Donoghue et al, 2019). This data has been included in TACE to increase the accuracy of the RBY EBV.

6. Future research and recommendations

One of the main factors influencing the effectiveness of a genomics reference population is its size, being the number of animals that are both genotyped and phenotyped.

The size of the reference population for a specific trait, coupled with its hertability, allows estimation of genomic breeding value accuracy, a significant driver of genetic gain, that can be achieved. Figure 5. shows this relationship for Australian Angus which, in this case, is modelled on Goddard et al (2011), with the effective number of chromosome segments calculated according to Daetwyler et al (2008) and an assumed effective population size for Angus of 90 (Clark et al, 2019).

Figure 5. Relationship between reference population size and trait heritability to Genomic Breeding Value Accuracy in Australian Angus cattle.



While this project has greatly assisted in the development of a reference population of effective size and relevance for Australian Angus cattle, further work is recommended to maintain and grow this population, particularly for the hard-to-measure traits and to ensure that it remains contemporary. This is being addressed in the short-term through 3 additional ASBP cohorts (MDC project P.PSH.1172). A challenge, that is currently being considered by Angus Australia, is how this reference population program, that benefits a large segment of the Australian beef supply chain, is conducted and funded into the future.

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8. Appendix

8.1 ASBP Progeny Performance Reports

8.1.1 ASBP Cohort 1 Progeny Performance Report

AngusSire™
Benchmarking Program

PROGENY PERFORMANCE REPORT

COHORT 1

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 Feedlot
John Dee Abattoir
University of New England (UNE)
Vetoquinol

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 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	ABI	DOM	GRN	GRS
NXOL172	**AJC L172** [SV]				+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
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
ABI	Angus Breeding Index
DOM	Domestic Index
GRN	Heavy Grain Index
GRS	Heavy Grass 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 1
Mid December 2020 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	ABI	DOM	GRN	GRS
DGJX36	**ALLOURA EXPLOSION X36** SV				-14.9	+1.2	+2.4	+7.5	+43	+70	+88	+95	+7	+1.5	-5.8	+53	+8.9	-0.1	+0.6	+0.8	+1.0	+0.02	-15	+0.62	+0.58	$21	$42	$-11	$28
USA5321	HBR	8	115	0	70%	61%	94%	94%	92%	92%	93%	90%	91%	84%	65%	89%	85%	89%	86%	84%	85%	81%	82%	84%	84%				
VTMU380					99	65	99	98	80	94	95	59	99	71	31	89	11	48	22	36	85	30	98	2	7	97	96	98	98
NAQD196	**ARDROSSAN DIRECTION D196** PV				+8.0	+3.2	-6.9	+2.4	+41	+70	+89	+74	+12	+0.1	-3.3	+63	+7.0	-1.7	-4.0	+1.3	+1.8	+0.65	+39	+0.92	+0.94	$85	$92	$81	$84
NAQW109	HBR	11	174	0	72%	60%	96%	96%	94%	95%	95%	89%	93%	93%	70%	89%	88%	90%	88%	85%	87%	80%	85%	83%	84%				
NDIW171					13	47	15	12	88	94	94	90	88	99	77	57	29	91	99	17	55	94	1	35	69	69	62	65	71
NAQA241	**ARDROSSAN EQUATOR A241** PV				-0.5	+2.7	-4.9	+4.1	+51	+93	+123	+108	+21	+3.2	-7.8	+89	+5.6	-2.0	-2.3	+1.7	+1.7	+0.26	+12	+0.86	+0.48	$117	$115	$113	$119
USA2928	HBR	294	7209	79	98%	94%	99%	99%	99%	99%	99%	99%	99%	99%	95%	98%	98%	98%	98%	98%	98%	96%	99%	99%	99%				
NAQW38					71	52	43	46	36	32	29	32	14	8	8	2	53	94	91	9	60	62	32	22	2	33	31	41	28
NBBD34	**BALD BLAIR DEBONAIR D34** SV				-1.1	+0.4	-3.6	+5.2	+51	+87	+115	+104	+15	+2.3	-5.0	+42	+5.0	+0.1	+0.6	+0.0	+2.9	-0.30	+3	+1.20	+0.80	$110	$101	$122	$105
NBBA16	HBR	28	718	0	86%	73%	98%	98%	98%	98%	98%	96%	97%	97%	72%	94%	93%	94%	93%	91%	92%	87%	94%	90%	90%				
NBBX14					74	71	66	73	37	50	47	40	64	32	45	99	64	41	22	72	19	6	61	90	40	41	50	34	45
ECMD34	**BANNABY ADMIRAL D34** PV				-0.3	-7.8	-1.1	+4.7	+44	+81	+103	+91	+20	+2.4	-2.9	+69	+9.6	+1.5	-4.6	+1.2	+1.8	+0.39	+39	+1.06	+0.84	$48	$60	$36	$49
NAQA2	HBR	7	86	0	63%	55%	90%	94%	91%	91%	92%	86%	86%	86%	69%	88%	86%	89%	86%	84%	85%	80%	81%	84%	84%				
NAQW53					69	99	93	62	75	71	77	67	19	28	82	34	8	10	99	20	55	77	1	68	49	92	91	89	93
NGMD337	**BOOROOMOOKA ASTRON D337** PV				+9.3	+4.8	-3.8	+1.2	+38	+67	+94	+84	+20	+2.3	-7.0	+50	+3.8	+1.3	+3.3	-1.1	+2.2	+0.65	-20	+1.28	+1.02	$91	$83	$85	$92
USA12760345	HBR	27	632	0	76%	62%	98%	98%	96%	97%	96%	93%	94%	95%	65%	91%	89%	91%	89%	86%	87%	81%	93%	84%	84%				
NGMX199					7	31	62	4	94	96	90	78	19	32	15	93	83	12	1	96	39	94	99	95	82	63	73	62	62
NGMD310	**BOOROOMOOKA DIGNITY D310** SV				+4.2	-0.5	-2.9	+4.2	+51	+90	+110	+94	+14	+2.1	-7.8	+53	+1.5	+3.7	+1.9	-0.8	+1.0	+0.42	+0	+0.92	+0.80	$108	$118	$96	$105
USA14739204	HBR	7	148	0	71%	60%	96%	96%	94%	95%	94%	93%	93%	93%	68%	89%	88%	90%	88%	85%	87%	80%	94%	91%	91%				
NGMW188					37	78	76	49	34	39	61	61	75	42	8	88	98	1	5	93	85	80	71	35	40	43	27	54	45
NGMC502	**BOOROOMOOKA JIM CAREW C502** SV				-9.2	+4.1	+3.1	+6.5	+42	+79	+106	+100	+18	-0.1	-4.0	+49	-0.4	-2.1	+0.3	-0.2	+3.3	+0.27	+3	+0.96	+0.70	$60	$58	$62	$56
NGMA289	HBR	8	237	0	69%	57%	92%	97%	95%	95%	96%	94%	94%	93%	62%	90%	88%	90%	88%	85%	87%	80%	96%	89%	89%				
NGMW208					97	38	99	92	83	78	72	49	41	99	65	94	99	95	29	79	11	63	62	44	20	87	92	77	91
NGMC196	**BOOROOMOOKA MIDLAND C196** SV				+2.5	-1.9	-4.5	+3.6	+45	+77	+114	+96	+16	+0.8	-4.6	+70	+3.2	+3.0	+3.5	-1.5	+0.5	-0.16	-3	+1.04	+0.98	$66	$60	$42	$72
USA13898124	HBR	9	199	0	73%	52%	91%	91%	94%	94%	94%	87%	88%	76%	65%	88%	86%	88%	86%	83%	85%	80%	80%	81%	81%				
NGMA198					50	85	50	34	70	82	52	56	62	92	53	32	89	2	1	98	95	13	80	64	76	83	91	87	81
NGMD105	**BOOROOMOOKA ON TIME D105** PV				+3.8	+6.0	-4.6	+1.9	+31	+60	+77	+66	+7	+1.9	-5.5	+38	+1.9	+1.7	+1.3	-0.1	+1.6	-0.40	+23	+0.58	+0.46	$57	$72	$30	$67
USA14237157	HBR	16	210	0	67%	55%	95%	96%	94%	94%	94%	91%	89%	92%	66%	88%	87%	89%	87%	84%	86%	80%	89%	89%	88%				
NGMB31					40	21	48	7	99	99	99	95	99	51	36	99	97	8	10	76	64	3	7	1	2	88	83	90	85
WLHD19	**CHERYLTON STEWIE D19** PV				+3.0	+3.4	-5.0	+3.4	+47	+92	+115	+97	+20	+2.1	-4.0	+61	+3.7	-1.5	+1.2	-0.3	+3.1	+0.10	+2	+0.96	+1.02	$116	$113	$132	$111
USA13058662	HBR	60	885	14	86%	73%	98%	98%	98%	98%	98%	96%	96%	97%	72%	94%	93%	94%	93%	90%	92%	87%	95%	94%	94%				
USA14311946					47	45	41	29	59	34	49	54	21	42	65	68	84	88	11	83	14	40	65	44	82	34	33	27	38
VCCC71	**COOLANA RIGHT TIME C71** PV				-17.2	-3.7	-2.2	+5.5	+39	+80	+104	+69	+23	+4.8	-7.0	+51	+7.4	+0.3	+1.4	+1.7	+0.7	+0.17	-12	+0.86	+0.60	$58	$72	$25	$73
USA13058662	HBR	10	156	0	74%	65%	96%	96%	95%	94%	95%	93%	93%	93%	68%	89%	87%	89%	87%	84%	85%	79%	82%	82%	82%				
VCCX3					99	92	85	79	91	75	74	93	8	1	15	91	24	35	9	9	92	49	95	22	8	87	83	92	81
VCCC58	**COOLANA WHITWORTH C58** SV				+0.9	+9.6	-7.2	+2.7	+37	+70	+93	+76	+18	+1.6	-5.7	+56	+3.2	+4.1	+1.8	-0.8	+0.6	+0.39	+4	+0.82	+0.60	$51	$65	$20	$60
NDIW134	HBR	12	231	0	76%	63%	97%	97%	95%	95%	95%	93%	93%	94%	65%	89%	88%	89%	88%	85%	86%	79%	77%	81%	81%				
VCCX13					62	3	13	16	95	94	91	88	36	66	33	84	89	1	6	93	93	77	60	15	8	91	88	93	89
NGCC199	**DULVERTON CORKER C199** SV				-3.0	+0.3	-2.6	+5.8	+54	+89	+120	+93	+22	+4.3	-6.5	+65	+3.2	-2.1	-1.4	+1.6	+1.3	+0.61	+16	+1.26	+1.00	$116	$112	$112	$117
NGCA079	HBR	7	130	0	51%	42%	88%	90%	92%	93%	94%	86%	89%	91%	59%	89%	86%	89%	87%	84%	86%	80%	70%	77%	76%				
NGCY203					83	72	80	84	22	45	37	62	10	1	21	52	89	95	76	10	76	93	20	94	79	34	34	41	30
	Breed Average EBVs				**+2.0**	**+2.5**	**-4.5**	**+4.2**	**+48**	**+87**	**+114**	**+99**	**+17**	**+2.0**	**-4.8**	**+65**	**+6.0**	**-0.1**	**-0.4**	**+0.5**	**+2.0**	**+0.18**	**+6**	**+0.98**	**+0.85**	**+100**	**+100**	**+100**	**+100**

Angus Australia - Sire Benchmarking Program - Cohort 1
Mid December 2020 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	ABI	DOM	GRN	GRS
TDHD42	**ENTALLY FOREST KAINE D42** SV				-5.1	-7.7	-1.6	+6.2	+47	+86	+106	+88	+22	+1.7	-3.9	+51	+6.7	+0.2	+1.7	+0.3	+0.5	-0.14	+2	+0.90	+0.68	$63	$79	$42	$65
USA24J	HBR	9	24	0	56%	48%	87%	88%	84%	85%	87%	81%	74%	77%	62%	85%	83%	87%	84%	82%	84%	81%	75%	78%	78%				
TKAY17					90	99	90	89	57	56	70	71	11	61	67	92	34	38	7	60	95	15	67	30	17	85	77	87	86
CJME3	**HIGH SPA EDWARD E3** SV				+14.6	+11.0	-12.8	+0.0	+33	+58	+84	+78	+15	+1.0	-7.5	+51	-0.7	+3.8	+1.5	-3.0	+3.5	+0.45	-16	+0.90	+1.00	$67	$57	$71	$63
USA0035	HBR	7	76	2	60%	46%	94%	94%	91%	90%	90%	84%	85%	79%	61%	86%	83%	87%	84%	80%	83%	77%	80%	82%	81%				
CJMC5					1	1	1	1	98	99	97	86	65	88	10	92	99	1	8	99	8	83	98	30	79	83	92	72	87
VMIC31	**INNESDALE CARBINE C31** SV				-2.4	-9.5	-2.8	+5.8	+39	+68	+87	+95	+18	+0.4	-4.9	+41	+4.5	-0.3	+0.1	+1.2	+0.3	+0.33	-8	+0.98	+0.72	$20	$42	$-13	$28
USA14739204	HBR	18	241	0	73%	61%	95%	97%	95%	95%	94%	93%	93%	92%	68%	91%	89%	91%	90%	87%	88%	83%	89%	81%	81%				
VMIU102					80	99	78	84	93	95	95	59	35	97	47	99	73	55	34	20	97	71	91	49	24	97	96	98	98
TFAD66	**LANDFALL EVERLAST D66** SV				+3.2	-1.2	+0.8	+3.1	+44	+90	+120	+120	+19	+1.9	-1.4	+63	-1.2	-1.6	-1.4	-2.2	+2.9	+0.81	+12	+1.00	+0.84	$28	$30	$26	$24
NZE04379	HBR	18	624	0	92%	73%	98%	98%	97%	97%	97%	96%	97%	96%	73%	93%	92%	93%	92%	89%	91%	84%	95%	92%	92%				
TFAB446					45	82	99	23	73	40	36	15	26	51	94	59	99	89	76	99	19	98	32	54	49	96	98	92	98
VLYB1155	**LAWSONS TANK B1155** PV				-3.3	-3.5	-3.8	+3.9	+43	+82	+112	+106	+16	+1.9	-7.1	+66	+7.2	-1.1	-2.6	+0.7	+2.8	-0.11	-18	+0.96	+0.88	$79	$76	$74	$81
VLYX1235	HBR	23	1080	0	91%	82%	99%	99%	98%	98%	98%	98%	98%	98%	86%	96%	95%	95%	95%	94%	94%	89%	98%	98%	97%				
VLYZ1393					84	92	62	41	78	68	55	36	62	51	14	47	27	80	94	40	21	17	99	44	57	74	80	70	74
UK583169400	**LORABAR MIGHTY PRINCE D113** PV				-24.3	-11.4	+2.2	+8.1	+41	+62	+79	+84	+1	-0.1	-0.3	+27	+3.2	+0.6	-0.4	+1.5	-1.3	-0.79	-17	+0.86	+0.80	$-60	$-23	$-10	$-41
UKIEJR.W52.22	HBR	8	36	0	50%	38%	89%	88%	85%	86%	87%	79%	70%	71%	62%	82%	79%	84%	80%	77%	79%	70%	74%	76%	76%				
UKIEJR.W32.22					99	99	99	99	87	98	98	78	99	99	98	99	89	26	48	12	99	1	99	22	40	99	99	99	99
NMMD78	**MILLAH MURRAH EQUATOR D78** PV				+1.3	+8.5	-9.4	+5.2	+61	+111	+158	+180	+20	+2.2	-5.0	+91	+2.8	-1.0	-1.2	+1.2	+0.3	-0.92	+12	+1.00	+0.88	$69	$65	$50	$76
USA14237157	HBR	71	1218	5	90%	76%	99%	99%	98%	98%	98%	97%	98%	98%	79%	95%	95%	95%	95%	94%	94%	89%	97%	92%	91%				
NMMY119					59	7	3	73	5	3	1	1	21	37	45	1	93	77	71	20	97	1	32	54	57	81	88	83	78
NMME123	**MILLAH MURRAH EQUITY E123** PV				+0.0	+7.3	-3.7	+4.8	+55	+102	+149	+131	+20	+3.0	-1.6	+90	+7.1	-1.9	-4.5	+2.4	+0.3	-0.58	+3	+1.18	+0.66	$75	$70	$55	$88
USA14237157	HBR	8	51	0	63%	51%	93%	93%	90%	90%	91%	87%	84%	86%	65%	89%	86%	89%	87%	84%	86%	82%	84%	84%	84%				
NMMY99					68	12	64	64	18	10	3	7	21	11	93	1	28	93	99	2	97	1	61	87	15	77	85	81	66
NMME78	**MILLAH MURRAH NEUTRON E78** PV				-6.3	+2.1	-5.5	+6.6	+42	+73	+103	+101	+13	+2.3	-6.4	+56	+2.9	-1.2	+0.3	-0.1	+2.1	-0.14	+1	+1.24	+1.12	$46	$48	$25	$51
NGMA238	HBR	13	249	0	71%	56%	95%	97%	94%	94%	94%	91%	90%	94%	66%	90%	89%	90%	89%	86%	88%	81%	89%	81%	81%				
NMMC85					93	57	33	93	84	90	76	47	84	32	22	84	92	82	29	76	42	15	70	93	92	92	95	92	93
UK302307300	**NIGHTINGALE PLOUGHMAN G376** PV				+0.1	-2.0	-2.8	+5.4	+33	+59	+62	+64	+0	+0.2	-1.0	+40	+7.0	-2.3	-3.6	+3.4	-1.2	-0.53	+17	+1.08	+0.84	$-7	$48	$-52	$19
UK580271400218	HBR	12	50	1	47%	32%	92%	91%	86%	87%	88%	81%	72%	60%	45%	85%	82%	86%	83%	78%	82%	77%	75%	78%	78%				
UK302307700051					67	86	78	77	98	99	99	96	99	98	96	99	29	97	99	1	99	1	18	72	49	99	95	99	99
NNHC17	**NOONEE CARSTAIRS C17** SV				+5.6	-1.1	-0.5	+3.0	+33	+66	+83	+77	+20	+1.4	+0.3	+51	+3.1	+1.3	-1.3	-0.5	+1.5	+0.18	-10	+0.64	+0.96	$3	$23	$-20	$7
NDIW111	HBR	8	128	0	62%	49%	91%	95%	92%	92%	92%	90%	90%	89%	61%	89%	87%	90%	88%	85%	86%	81%	81%	80%	79%				
NNHY157					27	81	96	21	98	97	97	87	21	75	98	92	90	12	74	88	68	51	94	2	73	99	99	98	99
NNHE41	**NOONEE EUCLID E41** SV				+0.1	+4.6	-2.6	+4.1	+38	+66	+89	+49	+22	+0.6	-3.1	+45	+6.9	+0.3	-1.1	+1.5	+1.7	-0.36	-14	+0.86	+1.00	$101	$100	$95	$103
USA13395344	HBR	10	98	0	62%	50%	93%	94%	91%	92%	91%	88%	87%	88%	66%	87%	85%	87%	85%	82%	84%	78%	84%	82%	82%				
NNHY37					67	33	80	46	93	97	94	99	10	95	80	97	31	35	69	12	60	4	97	22	79	51	51	55	48
HKFE128	**PARINGA RED NEW MAN E128** PV				-1.7	+1.6	-4.3	+5.4	+46	+84	+104	+87	+14	+3.6	-5.1	+64	+2.7	-1.7	-0.3	-1.2	+3.7	+0.42	-9	+0.88	+0.60	$87	$89	$99	$81
CMAB172	APR	9	27	0	53%	41%	88%	89%	85%	85%	86%	80%	69%	75%	57%	83%	81%	85%	82%	79%	81%	74%	74%	78%	78%				
HKFC6					77	62	53	77	65	61	76	73	74	4	44	56	93	91	45	97	6	80	92	26	8	67	66	52	74
NZE41-97	**PINEBANK WAIGROUP 41/97** #				+4.6	-5.7	-4.0	+3.5	+38	+65	+76	+49	+18	+0.8	-2.7	+14	+6.3	+0.7	+0.2	+0.4	-0.2	-0.63	+17	+0.92	+0.32	$49	$74	$19	$53
NZE53195	HBR	77	660	0	90%	80%	98%	98%	98%	98%	98%	98%	98%	97%	91%	96%	96%	96%	96%	95%	95%	90%	89%	85%	85%				
NZE63988					34	97	59	31	94	97	99	99	35	92	85	99	40	23	31	55	99	1	18	35	1	91	82	93	92
	Breed Average EBVs				**+2.0**	**+2.5**	**-4.5**	**+4.2**	**+48**	**+87**	**+114**	**+99**	**+17**	**+2.0**	**-4.8**	**+65**	**+6.0**	**-0.1**	**-0.4**	**+0.5**	**+2.0**	**+0.18**	**+6**	**+0.98**	**+0.85**	**+100**	**+100**	**+100**	**+100**

Angus Australia - Sire Benchmarking Program - Cohort 1
Mid December 2020 TransTasman Angus Cattle Evaluation

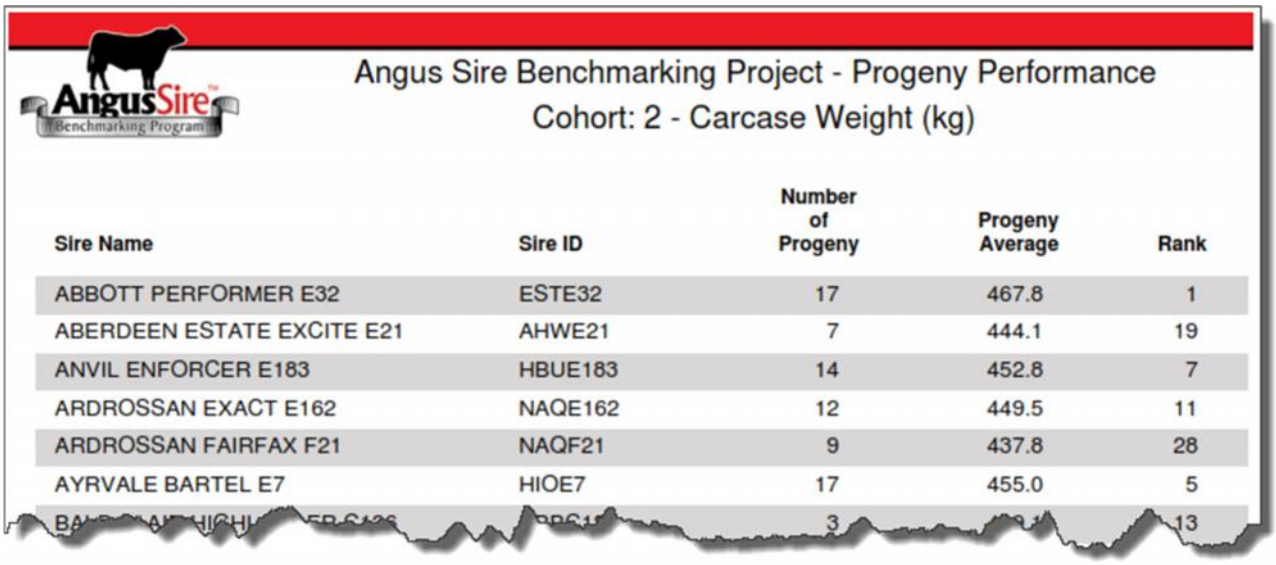
Ident	Name	Statistics			Estimated Breeding Values																									
					Calv-Ease		Birth		Growth					Fert		Carcase						Feed	Temp	Structural		Selection Index			
Sire Dam	Reg.	Num Herd	Prog	Prog 2Yr.	Dir	Dtrs	GL	BW	200	400	600	MCW	Milk	SS	DC	CW	EMA	Rib	P8	RBY	IMF	NFI-F	Doc	Angle	Claw	ABI	DOM	GRN	GRS
NLRE17	**REILAND EVERITT E17** PV				-5.8	+5.6	-1.9	+5.4	+53	+89	+120	+85	+13	+4.3	-3.7	+62	+8.9	-2.0	+0.1	+2.2	+1.6	-0.61	+4	+0.90	+1.06	$136	$128	$135	$140
USA13058662	HBR	12	180	0	74%	60%	95%	96%	94%	94%	95%	92%	91%	92%	68%	90%	89%	91%	89%	87%	88%	82%	83%	84%	84%				
NAQW232					92	25	88	77	26	45	37	77	81	1	70	61	11	94	34	3	64	1	58	30	87	17	17	25	11
NORC511	**RENNYLEA C511** PV				+2.3	+2.4	-1.0	+3.1	+34	+71	+82	+64	+16	+3.1	-6.3	+53	+11.9	+1.8	+0.1	+0.7	+4.9	+0.98	+2	+0.90	+0.68	$118	$120	$139	$116
USA13395344	APR	35	941	0	94%	85%	99%	99%	98%	98%	98%	98%	98%	98%	93%	97%	96%	97%	97%	96%	96%	92%	98%	96%	96%				
NORW449					52	54	94	23	98	93	97	96	55	9	23	89	2	7	34	40	1	99	67	30	17	32	25	23	32
NORD288	**RENNYLEA DIGGER D288** SV				+8.1	+3.3	-4.5	+1.9	+41	+71	+86	+28	+21	+0.2	-7.5	+33	+4.2	-1.6	+0.9	-0.6	+3.1	-0.70	+12	+1.08	+0.78	$169	$159	$195	$159
VTMA217	HBR	21	186	0	83%	62%	96%	96%	93%	93%	94%	92%	90%	90%	67%	90%	88%	90%	89%	86%	88%	83%	86%	86%	85%				
NORB595					12	46	50	7	87	93	96	99	17	98	10	99	78	89	16	90	14	1	32	72	36	3	3	4	4
NZE19507008	**STORTH OAKS D21 AB** SV				-2.6	+3.8	-0.5	+7.6	+46	+79	+106	+112	+15	+2.9	-3.3	+61	+11.5	-2.7	+0.8	+2.6	+1.2	+0.31	-22	+1.08	+0.74	$62	$72	$37	$72
VTMA134	HBR	23	343	0	84%	72%	98%	98%	97%	98%	97%	97%	97%	97%	73%	93%	92%	93%	92%	90%	91%	84%	93%	79%	80%				
NZE19507106B167					81	41	96	98	67	79	71	25	70	13	77	65	2	99	18	2	79	68	99	72	27	86	83	88	81
VSNE11	**STRATHEWEN TIMEOUT E11** PV				+5.2	+5.6	-0.6	+1.8	+39	+77	+104	+73	+26	+2.1	-2.7	+59	+6.7	+1.1	+1.6	-0.6	+3.2	+0.02	+24	+0.88	+0.76	$105	$94	$117	$103
SEWA45	HBR	10	38	1	53%	43%	90%	90%	87%	88%	88%	82%	75%	74%	59%	86%	85%	88%	85%	81%	85%	80%	81%	85%	85%				
VSNC46					30	25	95	7	91	82	75	91	3	42	85	73	34	15	7	90	13	30	6	26	32	47	60	38	48
VTMD309	**TE MANIA DEEGAN D309** PV				+1.4	+4.4	-0.7	+4.8	+52	+84	+115	+60	+23	-0.4	-4.3	+64	+3.1	-1.2	+2.3	-1.2	+2.6	-0.42	-12	+1.10	+0.86	$159	$136	$187	$148
NGXZ3	HBR	16	214	0	73%	63%	97%	96%	95%	95%	95%	93%	93%	92%	78%	92%	90%	92%	91%	88%	90%	84%	94%	93%	93%				
VTMB112					58	35	95	64	32	63	48	97	6	99	59	56	90	82	3	97	26	3	95	76	53	6	11	5	7
GMJD249	**THE GLEN ECLIPSE D249** SV				-11.3	+0.0	+1.9	+8.1	+50	+84	+113	+106	+10	+3.6	-4.9	+82	+6.5	+0.7	+1.3	+0.1	+2.1	+0.03	+6	+0.82	+0.88	$63	$65	$49	$65
NDIW111	APR	7	66	0	61%	50%	90%	94%	91%	90%	90%	84%	87%	85%	63%	87%	84%	88%	85%	82%	84%	77%	78%	81%	81%				
CDJY093					99	74	99	99	39	63	54	37	95	4	47	6	37	23	10	69	42	31	51	15	57	85	88	84	86
	Breed Average EBVs				**+2.0**	**+2.5**	**-4.5**	**+4.2**	**+48**	**+87**	**+114**	**+99**	**+17**	**+2.0**	**-4.8**	**+65**	**+6.0**	**-0.1**	**-0.4**	**+0.5**	**+2.0**	**+0.18**	**+6**	**+0.98**	**+0.85**	**+100**	**+100**	**+100**	**+100**

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: 1 - Birth Weight (kg)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
ALLOURA EXPLOSION X36	DGJX36	27	38.6	32
ARDROSSAN DIRECTION D196	NAQD196	24	34.6	5
ARDROSSAN EQUATOR A241	NAQA241	28	35.1	8
BALD BLAIR DEBONAIR D34	NBBD34	33	36.0	15
BANNABY ADMIRAL D34	ECMD34	34	36.8	26
BOOROOMOOKA ASTRON D337	NGMD337	30	33.8	1
BOOROOMOOKA DIGNITY D310	NGMD310	27	36.1	18
BOOROOMOOKA JIM CAREW C502	NGMC502	25	38.7	34
BOOROOMOOKA MIDLAND C196	NGMC196	25	34.4	4
BOOROOMOOKA ON TIME D105	NGMD105	20	35.4	11
CHERYLTON STEWIE D19	WLHD19	30	36.5	24
COOLANA RIGHT TIME C71	VCCC71	22	36.2	19
COOLANA WHITWORTH C58	VCCC58	23	35.1	8
DULVERTON CORKER C199	NGCC199	19	36.4	22
ENTALLY FOREST KAINE D42	TDHD42	20	37.5	29
HIGH SPA EDWARD E3	CJME3	29	33.8	1
INNESDALE CARBINE C31	VMIC31	27	37.4	27
LANDFALL EVERLAST D66	TFAD66	29	35.9	14
LAWSONS TANK B1155	VLYB1155	27	36.0	15
LORABAR MIGHTY PRINCE D113	UK583169400113	23	39.2	35
MILLAH MURRAH EQUATOR D78	NMMD78	15	35.6	12
MILLAH MURRAH EQUITY E123	NMME123	25	36.4	22
MILLAH MURRAH NEUTRON E78	NMME78	29	36.3	20
NIGHTINGALE PLOUGHMAN G376	UK302307300376	29	36.0	15
NOONEE CARSTAIRS C17	NNHC17	23	34.9	6
NOONEE EUCLID E41	NNHE41	26	35.7	13
PARINGA RED NEW MAN E128	HKFE128	22	37.4	27
PINEBANK WAIGROUP 41/97	NZE41-97	35	35.3	10
REILAND EVERITT E17	NLRE17	24	36.6	25
RENNYLEA C511	NORC511	20	37.7	30
RENNYLEA DIGGER D288	NORD288	32	35.0	7
STORTH OAKS D21 AB	NZE19507008D21	27	37.8	31
STRATHEWEN TIMEOUT E11	VSNE11	36	34.3	3
TE MANIA DEEGAN D309	VTMD309	30	36.3	20
THE GLEN ECLIPSE D249	GMJD249	26	38.6	32

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 1 - Gestation Length (days)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
ALLOURA EXPLOSION X36	DGJX36	12	285.2	30
ARDROSSAN DIRECTION D196	NAQD196	11	281.1	8
ARDROSSAN EQUATOR A241	NAQA241	11	282.8	19
BALD BLAIR DEBONAIR D34	NBBD34	11	281.3	11
BANNABY ADMIRAL D34	ECMD34	12	283.8	24
BOOROOMOOKA ASTRON D337	NGMD337	9	281.1	8
BOOROOMOOKA DIGNITY D310	NGMD310	6	282.0	15
BOOROOMOOKA JIM CAREW C502	NGMC502	9	286.1	34
BOOROOMOOKA MIDLAND C196	NGMC196	7	282.2	16
BOOROOMOOKA ON TIME D105	NGMD105	5	281.8	14
CHERYLTON STEWIE D19	WLHD19	10	280.9	7
COOLANA RIGHT TIME C71	VCCC71	9	283.0	20
COOLANA WHITWORTH C58	VCCC58	9	279.4	3
DULVERTON CORKER C199	NGCC199	8	280.4	5
ENTALLY FOREST KAINE D42	TDHD42	8	283.5	22
HIGH SPA EDWARD E3	CJME3	9	277.3	1
INNESDALE CARBINE C31	VMIC31	9	283.4	21
LANDFALL EVERLAST D66	TFAD66	13	285.1	29
LAWSONS TANK B1155	VLYB1155	10	282.2	16
LORABAR MIGHTY PRINCE D113	UK583169400113	10	287.2	35
MILLAH MURRAH EQUATOR D78	NMMD78	2	278.0	2
MILLAH MURRAH EQUITY E123	NMME123	6	283.7	23
MILLAH MURRAH NEUTRON E78	NMME78	10	280.1	4
NIGHTINGALE PLOUGHMAN G376	UK302307300376	13	282.3	18
NOONEE CARSTAIRS C17	NNHC17	9	284.6	26
NOONEE EUCLID E41	NNHE41	7	281.4	12
PARINGA RED NEW MAN E128	HKFE128	9	280.5	6
PINEBANK WAIGROUP 41/97	NZE41-97	17	281.5	13
REILAND EVERITT E17	NLRE17	5	285.8	32
RENNYLEA C511	NORC511	2	284.7	28
RENNYLEA DIGGER D288	NORD288	9	281.1	8
STORTH OAKS D21 AB	NZE19507008D21	12	284.6	26
STRATHEWEN TIMEOUT E11	VSNE11	17	284.4	25
TE MANIA DEEGAN D309	VTMD309	7	285.3	31
THE GLEN ECLIPSE D249	GMJD249	9	285.8	32

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 1 - 200 Day Weight (kg)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
ALLOURA EXPLOSION X36	DGJX36	26	238.8	9
ARDROSSAN DIRECTION D196	NAQD196	24	239.4	7
ARDROSSAN EQUATOR A241	NAQA241	26	239.0	8
BALD BLAIR DEBONAIR D34	NBBD34	29	243.0	3
BANNABY ADMIRAL D34	ECMD34	34	233.9	22
BOOROOMOOKA ASTRON D337	NGMD337	28	232.7	26
BOOROOMOOKA DIGNITY D310	NGMD310	25	244.3	2
BOOROOMOOKA JIM CAREW C502	NGMC502	22	236.4	16
BOOROOMOOKA MIDLAND C196	NGMC196	24	231.7	27
BOOROOMOOKA ON TIME D105	NGMD105	19	233.5	24
CHERYLTON STEWIE D19	WLHD19	29	236.9	15
COOLANA RIGHT TIME C71	VCCC71	21	230.5	30
COOLANA WHITWORTH C58	VCCC58	21	229.3	31
DULVERTON CORKER C199	NGCC199	16	239.5	6
ENTALLY FOREST KAINE D42	TDHD42	19	232.9	25
HIGH SPA EDWARD E3	CJME3	28	228.0	34
INNESDALE CARBINE C31	VMIC31	26	230.7	29
LANDFALL EVERLAST D66	TFAD66	28	238.8	9
LAWSONS TANK B1155	VLYB1155	25	239.7	5
LORABAR MIGHTY PRINCE D113	UK583169400113	23	234.1	21
MILLAH MURRAH EQUATOR D78	NMMD78	16	247.6	1
MILLAH MURRAH EQUITY E123	NMME123	25	237.3	12
MILLAH MURRAH NEUTRON E78	NMME78	29	231.5	28
NIGHTINGALE PLOUGHMAN G376	UK302307300376	26	229.2	32
NOONEE CARSTAIRS C17	NNHC17	21	223.0	35
NOONEE EUCLID E41	NNHE41	26	234.7	18
PARINGA RED NEW MAN E128	HKFE128	22	238.7	11
PINEBANK WAIGROUP 41/97	NZE41-97	32	233.9	22
REILAND EVERITT E17	NLRE17	23	242.3	4
RENNYLEA C511	NORC511	18	234.4	20
RENNYLEA DIGGER D288	NORD288	29	234.7	18
STORTH OAKS D21 AB	NZE19507008D21	24	237.0	13
STRATHEWEN TIMEOUT E11	VSNE11	34	228.9	33
TE MANIA DEEGAN D309	VTMD309	28	234.8	17
THE GLEN ECLIPSE D249	GMJD249	25	237.0	13

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 1 - 400 Day Weight (kg)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
ALLOURA EXPLOSION X36	DGJX36	23	350.4	21
ARDROSSAN DIRECTION D196	NAQD196	23	351.3	19
ARDROSSAN EQUATOR A241	NAQA241	24	360.9	5
BALD BLAIR DEBONAIR D34	NBBD34	25	356.3	13
BANNABY ADMIRAL D34	ECMD34	28	355.4	14
BOOROOMOOKA ASTRON D337	NGMD337	25	337.4	35
BOOROOMOOKA DIGNITY D310	NGMD310	24	359.0	7
BOOROOMOOKA JIM CAREW C502	NGMC502	20	351.8	18
BOOROOMOOKA MIDLAND C196	NGMC196	21	343.3	30
BOOROOMOOKA ON TIME D105	NGMD105	18	338.3	33
CHERYLTON STEWIE D19	WLHD19	24	365.6	3
COOLANA RIGHT TIME C71	VCCC71	17	350.1	22
COOLANA WHITWORTH C58	VCCC58	19	352.4	17
DULVERTON CORKER C199	NGCC199	15	360.5	6
ENTALLY FOREST KAINE D42	TDHD42	17	350.6	20
HIGH SPA EDWARD E3	CJME3	24	339.0	32
INNESDALE CARBINE C31	VMIC31	23	345.9	27
LANDFALL EVERLAST D66	TFAD66	24	356.5	12
LAWSONS TANK B1155	VLYB1155	23	358.0	8
LORABAR MIGHTY PRINCE D113	UK583169400113	21	338.2	34
MILLAH MURRAH EQUATOR D78	NMMD78	11	376.4	1
MILLAH MURRAH EQUITY E123	NMME123	22	363.6	4
MILLAH MURRAH NEUTRON E78	NMME78	23	347.7	24
NIGHTINGALE PLOUGHMAN G376	UK302307300376	23	347.8	23
NOONEE CARSTAIRS C17	NNHC17	17	344.8	29
NOONEE EUCLID E41	NNHE41	21	345.3	28
PARINGA RED NEW MAN E128	HKFE128	18	356.8	11
PINEBANK WAIGROUP 41/97	NZE41-97	28	347.6	25
REILAND EVERITT E17	NLRE17	18	371.6	2
RENNYLEA C511	NORC511	15	356.9	9
RENNYLEA DIGGER D288	NORD288	24	347.3	26
STORTH OAKS D21 AB	NZE19507008D21	19	356.9	9
STRATHEWEN TIMEOUT E11	VSNE11	31	343.0	31
TE MANIA DEEGAN D309	VTMD309	24	353.5	15
THE GLEN ECLIPSE D249	GMJD249	20	353.3	16

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 1 - 600 Day Weight (kg)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
ALLOURA EXPLOSION X36	DGJX36	15	576.4	8
ARDROSSAN DIRECTION D196	NAQD196	16	577.5	5
ARDROSSAN EQUATOR A241	NAQA241	18	597.7	1
BALD BLAIR DEBONAIR D34	NBBD34	22	569.8	15
BANNABY ADMIRAL D34	ECMD34	20	564.3	19
BOOROOMOOKA ASTRON D337	NGMD337	19	554.9	26
BOOROOMOOKA DIGNITY D310	NGMD310	16	571.5	13
BOOROOMOOKA JIM CAREW C502	NGMC502	18	558.2	23
BOOROOMOOKA MIDLAND C196	NGMC196	15	576.4	8
BOOROOMOOKA ON TIME D105	NGMD105	10	551.4	31
CHERYLTON STEWIE D19	WLHD19	24	570.5	14
COOLANA RIGHT TIME C71	VCCC71	15	574.3	11
COOLANA WHITWORTH C58	VCCC58	14	563.5	20
DULVERTON CORKER C199	NGCC199	15	571.8	12
ENTALLY FOREST KAINE D42	TDHD42	16	548.1	35
HIGH SPA EDWARD E3	CJME3	18	554.6	28
INNESDALE CARBINE C31	VMIC31	21	550.2	32
LANDFALL EVERLAST D66	TFAD66	19	577.4	6
LAWSONS TANK B1155	VLYB1155	17	567.8	17
LORABAR MIGHTY PRINCE D113	UK583169400113	12	549.8	33
MILLAH MURRAH EQUATOR D78	NMMD78	12	588.0	2
MILLAH MURRAH EQUITY E123	NMME123	18	580.8	4
MILLAH MURRAH NEUTRON E78	NMME78	19	558.5	22
NIGHTINGALE PLOUGHMAN G376	UK302307300376	19	554.8	27
NOONEE CARSTAIRS C17	NNHC17	19	552.4	29
NOONEE EUCLID E41	NNHE41	18	556.0	25
PARINGA RED NEW MAN E128	HKFE128	16	560.5	21
PINEBANK WAIGROUP 41/97	NZE41-97	24	548.4	34
REILAND EVERITT E17	NLRE17	17	577.4	6
RENNYLEA C511	NORC511	10	566.1	18
RENNYLEA DIGGER D288	NORD288	21	552.2	30
STORTH OAKS D21 AB	NZE19507008D21	16	569.1	16
STRATHEWEN TIMEOUT E11	VSNE11	23	556.9	24
TE MANIA DEEGAN D309	VTMD309	20	575.6	10
THE GLEN ECLIPSE D249	GMJD249	16	581.9	3

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 1 - Days to Calving (heifers) (days)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
ALLOURA EXPLOSION X36	DGJX36	7	316.8	28
ARDROSSAN DIRECTION D196	NAQD196	10	319.7	29
ARDROSSAN EQUATOR A241	NAQA241	11	305.3	8
BALD BLAIR DEBONAIR D34	NBBD34	9	315.6	26
BANNABY ADMIRAL D34	ECMD34	13	314.5	25
BOOROOMOOKA ASTRON D337	NGMD337	6	312.6	23
BOOROOMOOKA DIGNITY D310	NGMD310	12	319.8	30
BOOROOMOOKA JIM CAREW C502	NGMC502	5	343.5	33
BOOROOMOOKA MIDLAND C196	NGMC196	9	335.1	32
BOOROOMOOKA ON TIME D105	NGMD105	7	308.6	16
CHERYLTON STEWIE D19	WLHD19	6	311.4	21
COOLANA RIGHT TIME C71	VCCC71	7	307.9	13
COOLANA WHITWORTH C58	VCCC58	6	294.9	1
DULVERTON CORKER C199	NGCC199	4	302.3	3
ENTALLY FOREST KAINE D42	TDHD42	2	355.3	34
HIGH SPA EDWARD E3	CJME3	9	305.0	7
INNESDALE CARBINE C31	VMIC31	6	304.0	5
LANDFALL EVERLAST D66	TFAD66	7	308.0	15
LAWSONS TANK B1155	VLYB1155	9	304.5	6
LORABAR MIGHTY PRINCE D113	UK583169400113	9	307.9	13
MILLAH MURRAH EQUATOR D78	NMMD78	3	309.3	18
MILLAH MURRAH EQUITY E123	NMME123	7	310.8	20
MILLAH MURRAH NEUTRON E78	NMME78	9	300.7	2
NIGHTINGALE PLOUGHMAN G376	UK302307300376	6	307.3	12
NOONEE CARSTAIRS C17	NNHC17	2	374.3	35
NOONEE EUCLID E41	NNHE41	10	312.6	23
PARINGA RED NEW MAN E128	HKFE128	10	306.0	9
PINEBANK WAIGROUP 41/97	NZE41-97	9	303.2	4
REILAND EVERITT E17	NLRE17	5	309.0	17
RENNYLEA C511	NORC511	8	309.9	19
RENNYLEA DIGGER D288	NORD288	10	316.0	27
STORTH OAKS D21 AB	NZE19507008D21	8	311.4	21
STRATHEWEN TIMEOUT E11	VSNE11	10	325.8	31
TE MANIA DEEGAN D309	VTMD309	8	306.1	10
THE GLEN ECLIPSE D249	GMJD249	10	306.6	11

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 1 - Scan EMA (sq cm)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
ALLOURA EXPLOSION X36	DGJX36	22	61.8	10
ARDROSSAN DIRECTION D196	NAQD196	24	62.7	8
ARDROSSAN EQUATOR A241	NAQA241	25	63.7	6
BALD BLAIR DEBONAIR D34	NBBD34	29	61.4	14
BANNABY ADMIRAL D34	ECMD34	32	63.1	7
BOOROOMOOKA ASTRON D337	NGMD337	25	59.6	26
BOOROOMOOKA DIGNITY D310	NGMD310	25	59.7	24
BOOROOMOOKA JIM CAREW C502	NGMC502	22	57.1	32
BOOROOMOOKA MIDLAND C196	NGMC196	21	59.9	23
BOOROOMOOKA ON TIME D105	NGMD105	18	58.7	30
CHERYLTON STEWIE D19	WLHD19	28	58.9	29
COOLANA RIGHT TIME C71	VCCC71	21	60.7	16
COOLANA WHITWORTH C58	VCCC58	20	58.5	31
DULVERTON CORKER C199	NGCC199	17	57.1	32
ENTALLY FOREST KAINE D42	TDHD42	19	60.6	18
HIGH SPA EDWARD E3	CJME3	27	56.6	34
INNESDALE CARBINE C31	VMIC31	26	59.7	24
LANDFALL EVERLAST D66	TFAD66	24	60.4	20
LAWSONS TANK B1155	VLYB1155	24	61.6	12
LORABAR MIGHTY PRINCE D113	UK583169400113	20	59.3	27
MILLAH MURRAH EQUATOR D78	NMMD78	15	61.7	11
MILLAH MURRAH EQUITY E123	NMME123	25	64.8	2
MILLAH MURRAH NEUTRON E78	NMME78	27	60.6	18
NIGHTINGALE PLOUGHMAN G376	UK302307300376	25	60.1	22
NOONEE CARSTAIRS C17	NNHC17	21	56.5	35
NOONEE EUCLID E41	NNHE41	25	60.7	16
PARINGA RED NEW MAN E128	HKFE128	21	60.2	21
PINEBANK WAIGROUP 41/97	NZE41-97	31	64.3	4
REILAND EVERITT E17	NLRE17	21	64.4	3
RENNYLEA C511	NORC511	16	65.3	1
RENNYLEA DIGGER D288	NORD288	29	59.1	28
STORTH OAKS D21 AB	NZE19507008D21	22	62.7	8
STRATHEWEN TIMEOUT E11	VSNE11	32	61.2	15
TE MANIA DEEGAN D309	VTMD309	28	61.5	13
THE GLEN ECLIPSE D249	GMJD249	23	64.3	4

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 1 - Scan Rib Fat (mm)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
ALLOURA EXPLOSION X36	DGJX36	22	7.8	10
ARDROSSAN DIRECTION D196	NAQD196	24	7.0	31
ARDROSSAN EQUATOR A241	NAQA241	24	7.5	18
BALD BLAIR DEBONAIR D34	NBBD34	28	7.2	25
BANNABY ADMIRAL D34	ECMD34	31	7.3	23
BOOROOMOOKA ASTRON D337	NGMD337	25	8.0	8
BOOROOMOOKA DIGNITY D310	NGMD310	25	8.5	1
BOOROOMOOKA JIM CAREW C502	NGMC502	21	7.9	9
BOOROOMOOKA MIDLAND C196	NGMC196	22	8.1	5
BOOROOMOOKA ON TIME D105	NGMD105	16	8.4	2
CHERYLTON STEWIE D19	WLHD19	28	7.8	10
COOLANA RIGHT TIME C71	VCCC71	19	6.6	33
COOLANA WHITWORTH C58	VCCC58	20	8.2	3
DULVERTON CORKER C199	NGCC199	17	7.7	16
ENTALLY FOREST KAINE D42	TDHD42	19	7.3	23
HIGH SPA EDWARD E3	CJME3	27	7.8	10
INNESDALE CARBINE C31	VMIC31	26	6.4	35
LANDFALL EVERLAST D66	TFAD66	24	7.5	18
LAWSONS TANK B1155	VLYB1155	24	7.4	20
LORABAR MIGHTY PRINCE D113	UK583169400113	20	7.1	29
MILLAH MURRAH EQUATOR D78	NMMD78	10	8.1	5
MILLAH MURRAH EQUITY E123	NMME123	24	7.2	25
MILLAH MURRAH NEUTRON E78	NMME78	27	6.7	32
NIGHTINGALE PLOUGHMAN G376	UK302307300376	23	6.5	34
NOONEE CARSTAIRS C17	NNHC17	21	7.8	10
NOONEE EUCLID E41	NNHE41	24	7.2	25
PARINGA RED NEW MAN E128	HKFE128	20	7.4	20
PINEBANK WAIGROUP 41/97	NZE41-97	30	7.8	10
REILAND EVERITT E17	NLRE17	21	7.2	25
RENNYLEA C511	NORC511	16	8.2	3
RENNYLEA DIGGER D288	NORD288	27	8.1	5
STORTH OAKS D21 AB	NZE19507008D21	21	7.1	29
STRATHEWEN TIMEOUT E11	VSNE11	32	7.4	20
TE MANIA DEEGAN D309	VTMD309	26	7.7	16
THE GLEN ECLIPSE D249	GMJD249	23	7.8	10

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 1 - Scan Rump Fat (mm)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
ALLOURA EXPLOSION X36	DGJX36	22	11.0	6
ARDROSSAN DIRECTION D196	NAQD196	24	9.2	31
ARDROSSAN EQUATOR A241	NAQA241	24	10.0	20
BALD BLAIR DEBONAIR D34	NBBD34	28	10.2	18
BANNABY ADMIRAL D34	ECMD34	31	9.7	23
BOOROOMOOKA ASTRON D337	NGMD337	25	10.9	8
BOOROOMOOKA DIGNITY D310	NGMD310	25	11.2	2
BOOROOMOOKA JIM CAREW C502	NGMC502	22	9.6	26
BOOROOMOOKA MIDLAND C196	NGMC196	22	11.1	4
BOOROOMOOKA ON TIME D105	NGMD105	17	10.7	11
CHERYLTON STEWIE D19	WLHD19	28	11.2	2
COOLANA RIGHT TIME C71	VCCC71	20	9.3	30
COOLANA WHITWORTH C58	VCCC58	20	10.9	8
DULVERTON CORKER C199	NGCC199	17	11.1	4
ENTALLY FOREST KAINE D42	TDHD42	19	10.7	11
HIGH SPA EDWARD E3	CJME3	27	10.1	19
INNESDALE CARBINE C31	VMIC31	24	9.7	23
LANDFALL EVERLAST D66	TFAD66	24	10.0	20
LAWSONS TANK B1155	VLYB1155	24	11.0	6
LORABAR MIGHTY PRINCE D113	UK583169400113	19	9.2	31
MILLAH MURRAH EQUATOR D78	NMMD78	10	9.0	34
MILLAH MURRAH EQUITY E123	NMME123	22	8.7	35
MILLAH MURRAH NEUTRON E78	NMME78	27	9.5	29
NIGHTINGALE PLOUGHMAN G376	UK302307300376	24	9.6	26
NOONEE CARSTAIRS C17	NNHC17	20	9.8	22
NOONEE EUCLID E41	NNHE41	23	9.1	33
PARINGA RED NEW MAN E128	HKFE128	21	10.4	16
PINEBANK WAIGROUP 41/97	NZE41-97	28	10.9	8
REILAND EVERITT E17	NLRE17	21	9.6	26
RENNYLEA C511	NORC511	16	9.7	23
RENNYLEA DIGGER D288	NORD288	28	12.7	1
STORTH OAKS D21 AB	NZE19507008D21	21	10.3	17
STRATHEWEN TIMEOUT E11	VSNE11	32	10.5	14
TE MANIA DEEGAN D309	VTMD309	27	10.6	13
THE GLEN ECLIPSE D249	GMJD249	23	10.5	14

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 1 - Scan IMF (%)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
ALLOURA EXPLOSION X36	DGJX36	21	4.9	14
ARDROSSAN DIRECTION D196	NAQD196	23	4.4	28
ARDROSSAN EQUATOR A241	NAQA241	25	4.8	18
BALD BLAIR DEBONAIR D34	NBBD34	28	4.8	18
BANNABY ADMIRAL D34	ECMD34	31	4.8	18
BOOROOMOOKA ASTRON D337	NGMD337	24	5.4	1
BOOROOMOOKA DIGNITY D310	NGMD310	25	5.0	8
BOOROOMOOKA JIM CAREW C502	NGMC502	21	4.8	18
BOOROOMOOKA MIDLAND C196	NGMC196	21	5.0	8
BOOROOMOOKA ON TIME D105	NGMD105	18	5.1	4
CHERYLTON STEWIE D19	WLHD19	28	5.0	8
COOLANA RIGHT TIME C71	VCCC71	20	4.5	25
COOLANA WHITWORTH C58	VCCC58	19	4.3	32
DULVERTON CORKER C199	NGCC199	16	4.9	14
ENTALLY FOREST KAINE D42	TDHD42	19	5.0	8
HIGH SPA EDWARD E3	CJME3	26	4.4	28
INNESDALE CARBINE C31	VMIC31	26	4.3	32
LANDFALL EVERLAST D66	TFAD66	23	5.1	4
LAWSONS TANK B1155	VLYB1155	24	5.1	4
LORABAR MIGHTY PRINCE D113	UK583169400113	19	3.9	35
MILLAH MURRAH EQUATOR D78	NMMD78	15	4.5	25
MILLAH MURRAH EQUITY E123	NMME123	24	4.4	28
MILLAH MURRAH NEUTRON E78	NMME78	27	4.8	18
NIGHTINGALE PLOUGHMAN G376	UK302307300376	23	4.3	32
NOONEE CARSTAIRS C17	NNHC17	21	4.4	28
NOONEE EUCLID E41	NNHE41	24	4.5	25
PARINGA RED NEW MAN E128	HKFE128	21	5.4	1
PINEBANK WAIGROUP 41/97	NZE41-97	31	4.7	23
REILAND EVERITT E17	NLRE17	21	4.6	24
RENNYLEA C511	NORC511	16	5.3	3
RENNYLEA DIGGER D288	NORD288	29	5.0	8
STORTH OAKS D21 AB	NZE19507008D21	20	5.0	8
STRATHEWEN TIMEOUT E11	VSNE11	32	5.1	4
TE MANIA DEEGAN D309	VTMD309	28	4.9	14
THE GLEN ECLIPSE D249	GMJD249	23	4.9	14

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 1 - Carcase Weight (kg)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
ALLOURA EXPLOSION X36	DGJX36	11	440.4	13
ARDROSSAN DIRECTION D196	NAQD196	7	442.9	9
ARDROSSAN EQUATOR A241	NAQA241	8	458.9	4
BALD BLAIR DEBONAIR D34	NBBD34	15	438.0	16
BANNABY ADMIRAL D34	ECMD34	10	454.1	5
BOOROOMOOKA ASTRON D337	NGMD337	10	437.8	17
BOOROOMOOKA DIGNITY D310	NGMD310	8	426.3	29
BOOROOMOOKA JIM CAREW C502	NGMC502	11	430.9	23
BOOROOMOOKA MIDLAND C196	NGMC196	7	464.3	2
BOOROOMOOKA ON TIME D105	NGMD105	8	420.6	31
CHERYLTON STEWIE D19	WLHD19	16	436.9	19
COOLANA RIGHT TIME C71	VCCC71	7	428.2	25
COOLANA WHITWORTH C58	VCCC58	9	435.6	20
DULVERTON CORKER C199	NGCC199	12	440.7	11
ENTALLY FOREST KAINE D42	TDHD42	11	418.3	32
HIGH SPA EDWARD E3	CJME3	10	439.3	14
INNESDALE CARBINE C31	VMIC31	13	420.7	30
LANDFALL EVERLAST D66	TFAD66	11	440.7	11
LAWSONS TANK B1155	VLYB1155	10	430.5	24
LORABAR MIGHTY PRINCE D113	UK583169400113	7	401.8	35
MILLAH MURRAH EQUATOR D78	NMMD78	4	437.2	18
MILLAH MURRAH EQUITY E123	NMME123	14	459.8	3
MILLAH MURRAH NEUTRON E78	NMME78	9	439.3	14
NIGHTINGALE PLOUGHMAN G376	UK302307300376	15	426.4	28
NOONEE CARSTAIRS C17	NNHC17	16	427.2	26
NOONEE EUCLID E41	NNHE41	8	426.9	27
PARINGA RED NEW MAN E128	HKFE128	8	434.5	22
PINEBANK WAIGROUP 41/97	NZE41-97	17	404.0	34
REILAND EVERITT E17	NLRE17	10	441.6	10
RENNYLEA C511	NORC511	5	435.3	21
RENNYLEA DIGGER D288	NORD288	15	417.9	33
STORTH OAKS D21 AB	NZE19507008D21	9	445.1	8
STRATHEWEN TIMEOUT E11	VSNE11	15	448.9	6
TE MANIA DEEGAN D309	VTMD309	16	447.8	7
THE GLEN ECLIPSE D249	GMJD249	10	474.7	1

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 1 - Carcase EMA (sq cm)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
ALLOURA EXPLOSION X36	DGJX36	11	85.0	10
ARDROSSAN DIRECTION D196	NAQD196	7	85.1	8
ARDROSSAN EQUATOR A241	NAQA241	8	85.5	7
BALD BLAIR DEBONAIR D34	NBBD34	15	85.1	8
BANNABY ADMIRAL D34	ECMD34	9	87.5	2
BOOROOMOOKA ASTRON D337	NGMD337	10	83.7	15
BOOROOMOOKA DIGNITY D310	NGMD310	8	76.4	35
BOOROOMOOKA JIM CAREW C502	NGMC502	11	79.0	31
BOOROOMOOKA MIDLAND C196	NGMC196	7	83.4	16
BOOROOMOOKA ON TIME D105	NGMD105	8	80.4	23
CHERYLTON STEWIE D19	WLHD19	16	80.3	24
COOLANA RIGHT TIME C71	VCCC71	7	79.9	25
COOLANA WHITWORTH C58	VCCC58	9	79.7	27
DULVERTON CORKER C199	NGCC199	12	79.9	25
ENTALLY FOREST KAINE D42	TDHD42	11	83.2	17
HIGH SPA EDWARD E3	CJME3	10	79.7	27
INNESDALE CARBINE C31	VMIC31	13	82.4	19
LANDFALL EVERLAST D66	TFAD66	11	77.9	33
LAWSONS TANK B1155	VLYB1155	10	84.5	13
LORABAR MIGHTY PRINCE D113	UK583169400113	7	78.1	32
MILLAH MURRAH EQUATOR D78	NMMD78	4	81.1	21
MILLAH MURRAH EQUITY E123	NMME123	14	85.8	6
MILLAH MURRAH NEUTRON E78	NMME78	9	77.5	34
NIGHTINGALE PLOUGHMAN G376	UK302307300376	15	85.9	5
NOONEE CARSTAIRS C17	NNHC17	16	79.3	30
NOONEE EUCLID E41	NNHE41	8	83.0	18
PARINGA RED NEW MAN E128	HKFE128	8	80.8	22
PINEBANK WAIGROUP 41/97	NZE41-97	17	86.0	4
REILAND EVERITT E17	NLRE17	10	84.6	12
RENNYLEA C511	NORC511	5	88.5	1
RENNYLEA DIGGER D288	NORD288	15	79.6	29
STORTH OAKS D21 AB	NZE19507008D21	8	84.8	11
STRATHEWEN TIMEOUT E11	VSNE11	15	84.4	14
TE MANIA DEEGAN D309	VTMD309	16	81.4	20
THE GLEN ECLIPSE D249	GMJD249	10	86.8	3

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 1 - Carcase Rump Fat (mm)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
ALLOURA EXPLOSION X36	DGJX36	11	25.6	15
ARDROSSAN DIRECTION D196	NAQD196	6	22.0	32
ARDROSSAN EQUATOR A241	NAQA241	8	23.9	26
BALD BLAIR DEBONAIR D34	NBBD34	15	24.5	22
BANNABY ADMIRAL D34	ECMD34	10	20.4	35
BOOROOMOOKA ASTRON D337	NGMD337	10	26.9	8
BOOROOMOOKA DIGNITY D310	NGMD310	8	27.9	4
BOOROOMOOKA JIM CAREW C502	NGMC502	11	25.3	17
BOOROOMOOKA MIDLAND C196	NGMC196	6	26.0	11
BOOROOMOOKA ON TIME D105	NGMD105	8	23.3	28
CHERYLTON STEWIE D19	WLHD19	16	26.3	10
COOLANA RIGHT TIME C71	VCCC71	7	26.0	11
COOLANA WHITWORTH C58	VCCC58	9	27.4	5
DULVERTON CORKER C199	NGCC199	12	24.5	22
ENTALLY FOREST KAINE D42	TDHD42	11	25.5	16
HIGH SPA EDWARD E3	CJME3	10	26.0	11
INNESDALE CARBINE C31	VMIC31	13	25.1	19
LANDFALL EVERLAST D66	TFAD66	11	23.3	28
LAWSONS TANK B1155	VLYB1155	10	22.9	30
LORABAR MIGHTY PRINCE D113	UK583169400113	7	27.1	6
MILLAH MURRAH EQUATOR D78	NMMD78	4	22.9	30
MILLAH MURRAH EQUITY E123	NMME123	14	20.9	33
MILLAH MURRAH NEUTRON E78	NMME78	9	28.7	2
NIGHTINGALE PLOUGHMAN G376	UK302307300376	15	20.9	33
NOONEE CARSTAIRS C17	NNHC17	16	24.5	22
NOONEE EUCLID E41	NNHE41	8	24.7	21
PARINGA RED NEW MAN E128	HKFE128	8	25.3	17
PINEBANK WAIGROUP 41/97	NZE41-97	16	23.4	27
REILAND EVERITT E17	NLRE17	10	26.6	9
RENNYLEA C511	NORC511	5	24.3	25
RENNYLEA DIGGER D288	NORD288	15	25.8	14
STORTH OAKS D21 AB	NZE19507008D21	9	29.1	1
STRATHEWEN TIMEOUT E11	VSNE11	15	28.5	3
TE MANIA DEEGAN D309	VTMD309	16	27.1	6
THE GLEN ECLIPSE D249	GMJD249	10	25.1	19

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 1 - Carcase Rib Fat (mm)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
ALLOURA EXPLOSION X36	DGJX36	11	17.2	23
ARDROSSAN DIRECTION D196	NAQD196	7	15.4	33
ARDROSSAN EQUATOR A241	NAQA241	8	17.7	20
BALD BLAIR DEBONAIR D34	NBBD34	13	18.8	12
BANNABY ADMIRAL D34	ECMD34	10	22.4	4
BOOROOMOOKA ASTRON D337	NGMD337	9	18.2	15
BOOROOMOOKA DIGNITY D310	NGMD310	7	23.7	2
BOOROOMOOKA JIM CAREW C502	NGMC502	11	13.6	35
BOOROOMOOKA MIDLAND C196	NGMC196	7	20.4	5
BOOROOMOOKA ON TIME D105	NGMD105	8	19.2	10
CHERYLTON STEWIE D19	WLHD19	15	16.9	28
COOLANA RIGHT TIME C71	VCCC71	7	18.9	11
COOLANA WHITWORTH C58	VCCC58	9	24.1	1
DULVERTON CORKER C199	NGCC199	12	17.1	25
ENTALLY FOREST KAINE D42	TDHD42	11	17.8	19
HIGH SPA EDWARD E3	CJME3	10	22.6	3
INNESDALE CARBINE C31	VMIC31	13	17.9	16
LANDFALL EVERLAST D66	TFAD66	11	17.9	16
LAWSONS TANK B1155	VLYB1155	10	18.5	13
LORABAR MIGHTY PRINCE D113	UK583169400113	7	20.1	7
MILLAH MURRAH EQUATOR D78	NMMD78	5	17.5	22
MILLAH MURRAH EQUITY E123	NMME123	14	16.8	30
MILLAH MURRAH NEUTRON E78	NMME78	9	20.0	9
NIGHTINGALE PLOUGHMAN G376	UK302307300376	15	15.4	33
NOONEE CARSTAIRS C17	NNHC17	16	20.1	7
NOONEE EUCLID E41	NNHE41	8	17.1	25
PARINGA RED NEW MAN E128	HKFE128	8	18.4	14
PINEBANK WAIGROUP 41/97	NZE41-97	17	17.6	21
REILAND EVERITT E17	NLRE17	10	17.9	16
RENNYLEA C511	NORC511	5	17.2	23
RENNYLEA DIGGER D288	NORD288	14	16.5	31
STORTH OAKS D21 AB	NZE19507008D21	9	16.3	32
STRATHEWEN TIMEOUT E11	VSNE11	13	20.3	6
TE MANIA DEEGAN D309	VTMD309	16	16.9	28
THE GLEN ECLIPSE D249	GMJD249	10	17.0	27

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 1 - Carcase IMF (%)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
ALLOURA EXPLOSION X36	DGJX36	11	8.4	28
ARDROSSAN DIRECTION D196	NAQD196	7	11.3	4
ARDROSSAN EQUATOR A241	NAQA241	8	9.4	15
BALD BLAIR DEBONAIR D34	NBBD34	15	9.9	9
BANNABY ADMIRAL D34	ECMD34	9	9.4	15
BOOROOMOOKA ASTRON D337	NGMD337	9	10.1	8
BOOROOMOOKA DIGNITY D310	NGMD310	8	7.8	31
BOOROOMOOKA JIM CAREW C502	NGMC502	11	11.5	3
BOOROOMOOKA MIDLAND C196	NGMC196	7	7.7	32
BOOROOMOOKA ON TIME D105	NGMD105	7	8.6	27
CHERYLTON STEWIE D19	WLHD19	16	10.9	5
COOLANA RIGHT TIME C71	VCCC71	7	9.6	13
COOLANA WHITWORTH C58	VCCC58	9	9.0	21
DULVERTON CORKER C199	NGCC199	11	9.1	20
ENTALLY FOREST KAINE D42	TDHD42	11	8.4	28
HIGH SPA EDWARD E3	CJME3	9	12.9	1
INNESDALE CARBINE C31	VMIC31	13	8.7	26
LANDFALL EVERLAST D66	TFAD66	11	9.4	15
LAWSONS TANK B1155	VLYB1155	10	9.9	9
LORABAR MIGHTY PRINCE D113	UK583169400113	7	6.9	34
MILLAH MURRAH EQUATOR D78	NMMD78	4	6.4	35
MILLAH MURRAH EQUITY E123	NMME123	14	8.2	30
MILLAH MURRAH NEUTRON E78	NMME78	9	9.4	15
NIGHTINGALE PLOUGHMAN G376	UK302307300376	15	7.2	33
NOONEE CARSTAIRS C17	NNHC17	15	9.7	12
NOONEE EUCLID E41	NNHE41	8	8.8	23
PARINGA RED NEW MAN E128	HKFE128	7	11.6	2
PINEBANK WAIGROUP 41/97	NZE41-97	17	8.9	22
REILAND EVERITT E17	NLRE17	10	9.5	14
RENNYLEA C511	NORC511	5	8.8	23
RENNYLEA DIGGER D288	NORD288	15	9.9	9
STORTH OAKS D21 AB	NZE19507008D21	9	8.8	23
STRATHEWEN TIMEOUT E11	VSNE11	15	10.7	6
TE MANIA DEEGAN D309	VTMD309	16	10.2	7
THE GLEN ECLIPSE D249	GMJD249	10	9.4	15

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 1 - Net Feed Intake (kg/day)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
ALLOURA EXPLOSION X36	DGJX36	11	-1.5	9
ARDROSSAN DIRECTION D196	NAQD196	8	-0.7	33
ARDROSSAN EQUATOR A241	NAQA241	8	-0.6	35
BALD BLAIR DEBONAIR D34	NBBD34	14	-1.5	9
BANNABY ADMIRAL D34	ECMD34	10	-1.4	17
BOOROOMOOKA ASTRON D337	NGMD337	8	-0.8	31
BOOROOMOOKA DIGNITY D310	NGMD310	8	-1.1	25
BOOROOMOOKA JIM CAREW C502	NGMC502	10	-1.1	25
BOOROOMOOKA MIDLAND C196	NGMC196	8	-1.3	20
BOOROOMOOKA ON TIME D105	NGMD105	8	-1.7	6
CHERYLTON STEWIE D19	WLHD19	16	-1.1	25
COOLANA RIGHT TIME C71	VCCC71	6	-1.4	17
COOLANA WHITWORTH C58	VCCC58	9	-1.2	24
DULVERTON CORKER C199	NGCC199	11	-0.8	31
ENTALLY FOREST KAINE D42	TDHD42	11	-1.3	20
HIGH SPA EDWARD E3	CJME3	9	-1.5	9
INNESDALE CARBINE C31	VMIC31	12	-0.7	33
LANDFALL EVERLAST D66	TFAD66	10	-0.9	30
LAWSONS TANK B1155	VLYB1155	11	-1.3	20
LORABAR MIGHTY PRINCE D113	UK583169400113	5	-2.0	1
MILLAH MURRAH EQUATOR D78	NMMD78	8	-2.0	1
MILLAH MURRAH EQUITY E123	NMME123	13	-2.0	1
MILLAH MURRAH NEUTRON E78	NMME78	8	-1.7	6
NIGHTINGALE PLOUGHMAN G376	UK302307300376	13	-1.5	9
NOONEE CARSTAIRS C17	NNHC17	12	-1.0	28
NOONEE EUCLID E41	NNHE41	8	-1.9	4
PARINGA RED NEW MAN E128	HKFE128	7	-1.3	20
PINEBANK WAIGROUP 41/97	NZE41-97	16	-1.5	9
REILAND EVERITT E17	NLRE17	10	-1.9	4
RENNYLEA C511	NORC511	5	-1.4	17
RENNYLEA DIGGER D288	NORD288	15	-1.5	9
STORTH OAKS D21 AB	NZE19507008D21	9	-1.0	28
STRATHEWEN TIMEOUT E11	VSNE11	15	-1.5	9
TE MANIA DEEGAN D309	VTMD309	16	-1.6	8
THE GLEN ECLIPSE D249	GMJD249	9	-1.5	9

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 1 - MSA Marble Score (Score)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
ALLOURA EXPLOSION X36	DGJX36	11	478.3	24
ARDROSSAN DIRECTION D196	NAQD196	7	548.4	8
ARDROSSAN EQUATOR A241	NAQA241	8	470.4	28
BALD BLAIR DEBONAIR D34	NBBD34	15	544.1	10
BANNABY ADMIRAL D34	ECMD34	10	477.9	25
BOOROOMOOKA ASTRON D337	NGMD337	10	588.3	3
BOOROOMOOKA DIGNITY D310	NGMD310	8	443.4	33
BOOROOMOOKA JIM CAREW C502	NGMC502	11	536.4	14
BOOROOMOOKA MIDLAND C196	NGMC196	7	497.7	20
BOOROOMOOKA ON TIME D105	NGMD105	8	486.9	23
CHERYLTON STEWIE D19	WLHD19	16	537.1	12
COOLANA RIGHT TIME C71	VCCC71	7	469.9	29
COOLANA WHITWORTH C58	VCCC58	9	491.2	22
DULVERTON CORKER C199	NGCC199	12	540.8	11
ENTALLY FOREST KAINE D42	TDHD42	11	458.3	32
HIGH SPA EDWARD E3	CJME3	10	640.2	1
INNESDALE CARBINE C31	VMIC31	13	470.8	27
LANDFALL EVERLAST D66	TFAD66	11	501.1	18
LAWSONS TANK B1155	VLYB1155	10	577.5	4
LORABAR MIGHTY PRINCE D113	UK583169400113	7	405.7	35
MILLAH MURRAH EQUATOR D78	NMMD78	4	465.1	30
MILLAH MURRAH EQUITY E123	NMME123	14	441.8	34
MILLAH MURRAH NEUTRON E78	NMME78	9	511.9	16
NIGHTINGALE PLOUGHMAN G376	UK302307300376	15	494.5	21
NOONEE CARSTAIRS C17	NNHC17	16	500.3	19
NOONEE EUCLID E41	NNHE41	8	507.3	17
PARINGA RED NEW MAN E128	HKFE128	8	531.7	15
PINEBANK WAIGROUP 41/97	NZE41-97	17	471.2	26
REILAND EVERITT E17	NLRE17	10	554.4	7
RENNYLEA C511	NORC511	5	458.8	31
RENNYLEA DIGGER D288	NORD288	15	577.5	4
STORTH OAKS D21 AB	NZE19507008D21	9	557.9	6
STRATHEWEN TIMEOUT E11	VSNE11	15	594.4	2
TE MANIA DEEGAN D309	VTMD309	16	546.9	9
THE GLEN ECLIPSE D249	GMJD249	10	537.1	12

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 1 - MSA Ossification (Score)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
ALLOURA EXPLOSION X36	DGJX36	11	144.3	2
ARDROSSAN DIRECTION D196	NAQD196	7	151.7	19
ARDROSSAN EQUATOR A241	NAQA241	8	153.5	21
BALD BLAIR DEBONAIR D34	NBBD34	15	154.7	25
BANNABY ADMIRAL D34	ECMD34	10	159.9	33
BOOROOMOOKA ASTRON D337	NGMD337	10	149.7	11
BOOROOMOOKA DIGNITY D310	NGMD310	8	142.5	1
BOOROOMOOKA JIM CAREW C502	NGMC502	11	162.0	34
BOOROOMOOKA MIDLAND C196	NGMC196	7	159.7	32
BOOROOMOOKA ON TIME D105	NGMD105	8	156.1	28
CHERYLTON STEWIE D19	WLHD19	16	155.9	27
COOLANA RIGHT TIME C71	VCCC71	7	155.3	26
COOLANA WHITWORTH C58	VCCC58	9	147.8	7
DULVERTON CORKER C199	NGCC199	12	154.5	23
ENTALLY FOREST KAINE D42	TDHD42	11	150.3	12
HIGH SPA EDWARD E3	CJME3	10	151.4	16
INNESDALE CARBINE C31	VMIC31	13	145.3	4
LANDFALL EVERLAST D66	TFAD66	11	158.1	31
LAWSONS TANK B1155	VLYB1155	10	149.4	10
LORABAR MIGHTY PRINCE D113	UK583169400113	7	148.8	8
MILLAH MURRAH EQUATOR D78	NMMD78	4	153.9	22
MILLAH MURRAH EQUITY E123	NMME123	14	146.2	6
MILLAH MURRAH NEUTRON E78	NMME78	9	151.6	18
NIGHTINGALE PLOUGHMAN G376	UK302307300376	15	152.8	20
NOONEE CARSTAIRS C17	NNHC17	16	151.5	17
NOONEE EUCLID E41	NNHE41	8	150.8	13
PARINGA RED NEW MAN E128	HKFE128	8	144.5	3
PINEBANK WAIGROUP 41/97	NZE41-97	17	151.2	15
REILAND EVERITT E17	NLRE17	10	150.8	13
RENNYLEA C511	NORC511	5	157.9	30
RENNYLEA DIGGER D288	NORD288	15	156.6	29
STORTH OAKS D21 AB	NZE19507008D21	9	148.8	8
STRATHEWEN TIMEOUT E11	VSNE11	15	154.5	23
TE MANIA DEEGAN D309	VTMD309	16	162.2	35
THE GLEN ECLIPSE D249	GMJD249	10	146.1	5

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 1 - MSA Index (Index)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
ALLOURA EXPLOSION X36	DGJX36	10	64.9	18
ARDROSSAN DIRECTION D196	NAQD196	5	65.5	9
ARDROSSAN EQUATOR A241	NAQA241	8	64.5	28
BALD BLAIR DEBONAIR D34	NBBD34	13	65.0	17
BANNABY ADMIRAL D34	ECMD34	9	64.8	21
BOOROOMOOKA ASTRON D337	NGMD337	10	65.7	4
BOOROOMOOKA DIGNITY D310	NGMD310	7	64.1	32
BOOROOMOOKA JIM CAREW C502	NGMC502	11	64.7	22
BOOROOMOOKA MIDLAND C196	NGMC196	7	64.9	18
BOOROOMOOKA ON TIME D105	NGMD105	8	64.5	28
CHERYLTON STEWIE D19	WLHD19	14	65.1	15
COOLANA RIGHT TIME C71	VCCC71	5	64.7	22
COOLANA WHITWORTH C58	VCCC58	8	65.4	10
DULVERTON CORKER C199	NGCC199	12	65.3	12
ENTALLY FOREST KAINE D42	TDHD42	10	64.0	34
HIGH SPA EDWARD E3	CJME3	9	66.8	1
INNESDALE CARBINE C31	VMIC31	11	64.6	25
LANDFALL EVERLAST D66	TFAD66	10	64.9	18
LAWSONS TANK B1155	VLYB1155	10	65.6	7
LORABAR MIGHTY PRINCE D113	UK583169400113	6	63.5	35
MILLAH MURRAH EQUATOR D78	NMMD78	3	64.3	30
MILLAH MURRAH EQUITY E123	NMME123	14	64.3	30
MILLAH MURRAH NEUTRON E78	NMME78	9	65.4	10
NIGHTINGALE PLOUGHMAN G376	UK302307300376	11	64.6	25
NOONEE CARSTAIRS C17	NNHC17	12	64.7	22
NOONEE EUCLID E41	NNHE41	6	65.1	15
PARINGA RED NEW MAN E128	HKFE128	8	65.6	7
PINEBANK WAIGROUP 41/97	NZE41-97	17	64.1	32
REILAND EVERITT E17	NLRE17	8	66.1	3
RENNYLEA C511	NORC511	4	64.6	25
RENNYLEA DIGGER D288	NORD288	15	65.2	13
STORTH OAKS D21 AB	NZE19507008D21	9	65.7	4
STRATHEWEN TIMEOUT E11	VSNE11	15	66.3	2
TE MANIA DEEGAN D309	VTMD309	14	65.2	13
THE GLEN ECLIPSE D249	GMJD249	10	65.7	4

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 1 - Shear Force (kg)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
ALLOURA EXPLOSION X36	DGJX36	11	3.8	14
ARDROSSAN DIRECTION D196	NAQD196	7	3.5	3
ARDROSSAN EQUATOR A241	NAQA241	8	4.0	21
BALD BLAIR DEBONAIR D34	NBBD34	15	3.9	17
BANNABY ADMIRAL D34	ECMD34	10	4.1	27
BOOROOMOOKA ASTRON D337	NGMD337	10	3.4	2
BOOROOMOOKA DIGNITY D310	NGMD310	8	4.0	21
BOOROOMOOKA JIM CAREW C502	NGMC502	11	3.9	17
BOOROOMOOKA MIDLAND C196	NGMC196	7	4.4	32
BOOROOMOOKA ON TIME D105	NGMD105	8	3.8	14
CHERYLTON STEWIE D19	WLHD19	16	3.9	17
COOLANA RIGHT TIME C71	VCCC71	7	4.0	21
COOLANA WHITWORTH C58	VCCC58	9	4.0	21
DULVERTON CORKER C199	NGCC199	12	3.8	14
ENTALLY FOREST KAINE D42	TDHD42	11	4.0	21
HIGH SPA EDWARD E3	CJME3	10	3.6	5
INNESDALE CARBINE C31	VMIC31	13	3.9	17
LANDFALL EVERLAST D66	TFAD66	11	4.0	21
LAWSONS TANK B1155	VLYB1155	10	3.7	9
LORABAR MIGHTY PRINCE D113	UK583169400113	7	4.2	30
MILLAH MURRAH EQUATOR D78	NMMD78	4	4.7	35
MILLAH MURRAH EQUITY E123	NMME123	14	3.7	9
MILLAH MURRAH NEUTRON E78	NMME78	9	3.7	9
NIGHTINGALE PLOUGHMAN G376	UK302307300376	15	4.3	31
NOONEE CARSTAIRS C17	NNHC17	16	3.6	5
NOONEE EUCLID E41	NNHE41	8	3.6	5
PARINGA RED NEW MAN E128	HKFE128	8	3.7	9
PINEBANK WAIGROUP 41/97	NZE41-97	17	4.1	27
REILAND EVERITT E17	NLRE17	10	4.5	34
RENNYLEA C511	NORC511	5	4.4	32
RENNYLEA DIGGER D288	NORD288	15	4.1	27
STORTH OAKS D21 AB	NZE19507008D21	9	3.5	3
STRATHEWEN TIMEOUT E11	VSNE11	15	3.6	5
TE MANIA DEEGAN D309	VTMD309	16	3.7	9
THE GLEN ECLIPSE D249	GMJD249	10	3.1	1

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: 1 - Docility (Score)

Sire Name	Sire ID	Number of Progeny	Progeny % Score 1-1.5	Rank
ALLOURA EXPLOSION X36	DGJX36	26	50.0	23
ARDROSSAN DIRECTION D196	NAQD196	24	83.3	1
ARDROSSAN EQUATOR A241	NAQA241	26	61.5	11
BALD BLAIR DEBONAIR D34	NBBD34	28	64.3	7
BANNABY ADMIRAL D34	ECMD34	34	76.5	2
BOOROOMOOKA ASTRON D337	NGMD337	29	51.7	21
BOOROOMOOKA DIGNITY D310	NGMD310	25	76.0	3
BOOROOMOOKA JIM CAREW C502	NGMC502	23	43.5	31
BOOROOMOOKA MIDLAND C196	NGMC196	23	60.9	14
BOOROOMOOKA ON TIME D105	NGMD105	19	73.7	4
CHERYLTON STEWIE D19	WLHD19	29	51.7	21
COOLANA RIGHT TIME C71	VCCC71	22	50.0	23
COOLANA WHITWORTH C58	VCCC58	22	63.6	8
DULVERTON CORKER C199	NGCC199	18	61.1	12
ENTALLY FOREST KAINE D42	TDHD42	18	55.6	17
HIGH SPA EDWARD E3	CJME3	28	35.7	35
INNESDALE CARBINE C31	VMIC31	26	50.0	23
LANDFALL EVERLAST D66	TFAD66	27	59.3	15
LAWSONS TANK B1155	VLYB1155	25	52.0	20
LORABAR MIGHTY PRINCE D113	UK583169400113	23	43.5	31
MILLAH MURRAH EQUATOR D78	NMMD78	10	50.0	23
MILLAH MURRAH EQUITY E123	NMME123	23	52.2	19
MILLAH MURRAH NEUTRON E78	NMME78	29	37.9	34
NIGHTINGALE PLOUGHMAN G376	UK302307300376	26	73.1	5
NOONEE CARSTAIRS C17	NNHC17	20	45.0	29
NOONEE EUCLID E41	NNHE41	26	42.3	33
PARINGA RED NEW MAN E128	HKFE128	22	45.5	28
PINEBANK WAIGROUP 41/97	NZE41-97	32	65.6	6
REILAND EVERITT E17	NLRE17	23	56.5	16
RENNYLEA C511	NORC511	18	61.1	12
RENNYLEA DIGGER D288	NORD288	29	55.2	18
STORTH OAKS D21 AB	NZE19507008D21	24	45.8	27
STRATHEWEN TIMEOUT E11	VSNE11	34	61.8	10
TE MANIA DEEGAN D309	VTMD309	27	44.4	30
THE GLEN ECLIPSE D249	GMJD249	24	62.5	9

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 1 - Claw Set (Score)

Sire Name	Sire ID	Number of Progeny	Progeny % Score 5-6	Rank
ALLOURA EXPLOSION X36	DGJX36	20	100.0	1
ARDROSSAN DIRECTION D196	NAQD196	18	72.2	29
ARDROSSAN EQUATOR A241	NAQA241	22	90.9	7
BALD BLAIR DEBONAIR D34	NBBD34	26	65.4	32
BANNABY ADMIRAL D34	ECMD34	27	74.1	27
BOOROOMOOKA ASTRON D337	NGMD337	24	62.5	34
BOOROOMOOKA DIGNITY D310	NGMD310	22	90.9	7
BOOROOMOOKA JIM CAREW C502	NGMC502	19	78.9	25
BOOROOMOOKA MIDLAND C196	NGMC196	17	70.6	31
BOOROOMOOKA ON TIME D105	NGMD105	17	88.2	14
CHERYLTON STEWIE D19	WLHD19	28	82.1	22
COOLANA RIGHT TIME C71	VCCC71	21	95.2	3
COOLANA WHITWORTH C58	VCCC58	20	90.0	11
DULVERTON CORKER C199	NGCC199	18	88.9	12
ENTALLY FOREST KAINE D42	TDHD42	15	93.3	5
HIGH SPA EDWARD E3	CJME3	22	72.7	28
INNESDALE CARBINE C31	VMIC31	21	90.5	10
LANDFALL EVERLAST D66	TFAD66	22	86.4	17
LAWSONS TANK B1155	VLYB1155	24	87.5	15
LORABAR MIGHTY PRINCE D113	UK583169400113	18	88.9	12
MILLAH MURRAH EQUATOR D78	NMMD78	8	87.5	15
MILLAH MURRAH EQUITY E123	NMME123	24	91.7	6
MILLAH MURRAH NEUTRON E78	NMME78	24	62.5	34
NIGHTINGALE PLOUGHMAN G376	UK302307300376	23	82.6	20
NOONEE CARSTAIRS C17	NNHC17	20	85.0	19
NOONEE EUCLID E41	NNHE41	23	65.2	33
PARINGA RED NEW MAN E128	HKFE128	22	81.8	23
PINEBANK WAIGROUP 41/97	NZE41-97	27	85.2	18
REILAND EVERITT E17	NLRE17	18	72.2	29
RENNYLEA C511	NORC511	15	80.0	24
RENNYLEA DIGGER D288	NORD288	27	96.3	2
STORTH OAKS D21 AB	NZE19507008D21	22	90.9	7
STRATHEWEN TIMEOUT E11	VSNE11	28	78.6	26
TE MANIA DEEGAN D309	VTMD309	23	82.6	20
THE GLEN ECLIPSE D249	GMJD249	20	95.0	4

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 1 - Foot Angle (Score)

Sire Name	Sire ID	Number of Progeny	Progeny % Score 5-6	Rank
ALLOURA EXPLOSION X36	DGJX36	20	100.0	1
ARDROSSAN DIRECTION D196	NAQD196	18	100.0	1
ARDROSSAN EQUATOR A241	NAQA241	22	100.0	1
BALD BLAIR DEBONAIR D34	NBBD34	26	100.0	1
BANNABY ADMIRAL D34	ECMD34	27	100.0	1
BOOROOMOOKA ASTRON D337	NGMD337	24	91.7	34
BOOROOMOOKA DIGNITY D310	NGMD310	22	100.0	1
BOOROOMOOKA JIM CAREW C502	NGMC502	19	94.7	32
BOOROOMOOKA MIDLAND C196	NGMC196	17	100.0	1
BOOROOMOOKA ON TIME D105	NGMD105	17	100.0	1
CHERYLTON STEWIE D19	WLHD19	28	100.0	1
COOLANA RIGHT TIME C71	VCCC71	21	100.0	1
COOLANA WHITWORTH C58	VCCC58	20	100.0	1
DULVERTON CORKER C199	NGCC199	18	100.0	1
ENTALLY FOREST KAINE D42	TDHD42	15	100.0	1
HIGH SPA EDWARD E3	CJME3	22	100.0	1
INNESDALE CARBINE C31	VMIC31	21	95.2	31
LANDFALL EVERLAST D66	TFAD66	22	95.5	28
LAWSONS TANK B1155	VLYB1155	24	100.0	1
LORABAR MIGHTY PRINCE D113	UK583169400113	18	100.0	1
MILLAH MURRAH EQUATOR D78	NMMD78	8	100.0	1
MILLAH MURRAH EQUITY E123	NMME123	24	95.8	25
MILLAH MURRAH NEUTRON E78	NMME78	24	95.8	25
NIGHTINGALE PLOUGHMAN G376	UK302307300376	23	100.0	1
NOONEE CARSTAIRS C17	NNHC17	20	100.0	1
NOONEE EUCLID E41	NNHE41	23	95.7	27
PARINGA RED NEW MAN E128	HKFE128	22	95.5	28
PINEBANK WAIGROUP 41/97	NZE41-97	27	85.2	35
REILAND EVERITT E17	NLRE17	18	94.4	33
RENNYLEA C511	NORC511	15	100.0	1
RENNYLEA DIGGER D288	NORD288	27	96.3	24
STORTH OAKS D21 AB	NZE19507008D21	22	95.5	28
STRATHEWEN TIMEOUT E11	VSNE11	28	100.0	1
TE MANIA DEEGAN D309	VTMD309	23	100.0	1
THE GLEN ECLIPSE D249	GMJD249	20	100.0	1

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 1 - Coat Type (Score)

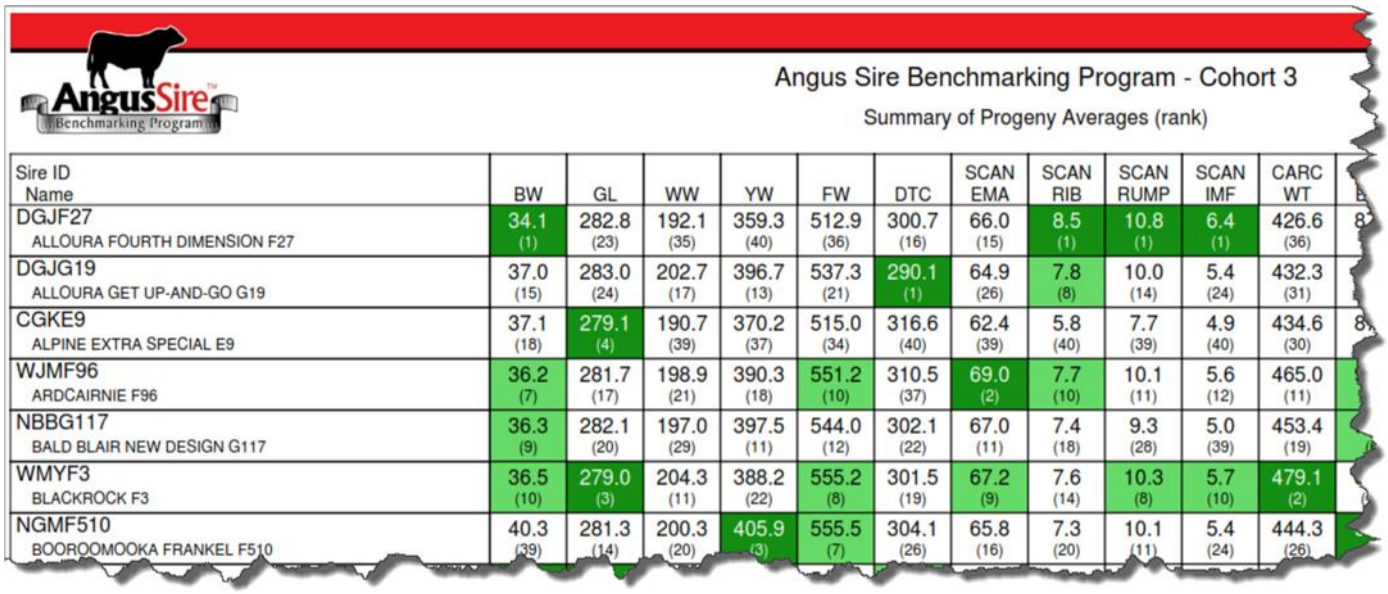
Sire Name	Sire ID	Number of Progeny	Progeny % Score 1-2	Rank
ALLOURA EXPLOSION X36	DGJX36	11	72.7	9
ARDROSSAN DIRECTION D196	NAQD196	12	83.3	3
ARDROSSAN EQUATOR A241	NAQA241	16	81.3	4
BALD BLAIR DEBONAIR D34	NBBD34	9	88.9	1
BANNABY ADMIRAL D34	ECMD34	16	81.3	4
BOOROOMOOKA ASTRON D337	NGMD337	9	55.6	26
BOOROOMOOKA DIGNITY D310	NGMD310	13	53.8	27
BOOROOMOOKA JIM CAREW C502	NGMC502	8	62.5	20
BOOROOMOOKA MIDLAND C196	NGMC196	9	66.7	14
BOOROOMOOKA ON TIME D105	NGMD105	13	53.8	27
CHERYLTON STEWIE D19	WLHD19	17	47.1	30
COOLANA RIGHT TIME C71	VCCC71	10	60.0	21
COOLANA WHITWORTH C58	VCCC58	10	60.0	21
DULVERTON CORKER C199	NGCC199	10	40.0	33
ENTALLY FOREST KAINE D42	TDHD42	6	66.7	14
HIGH SPA EDWARD E3	CJME3	14	71.4	11
INNESDALE CARBINE C31	VMIC31	9	77.8	7
LANDFALL EVERLAST D66	TFAD66	13	53.8	27
LAWSONS TANK B1155	VLYB1155	18	44.4	31
LORABAR MIGHTY PRINCE D113	UK583169400113	14	42.9	32
MILLAH MURRAH EQUATOR D78	NMMD78	5	80.0	6
MILLAH MURRAH EQUITY E123	NMME123	12	66.7	14
MILLAH MURRAH NEUTRON E78	NMME78	13	69.2	12
NIGHTINGALE PLOUGHMAN G376	UK302307300376	9	88.9	1
NOONEE CARSTAIRS C17	NNHC17	6	33.3	34
NOONEE EUCLID E41	NNHE41	13	69.2	12
PARINGA RED NEW MAN E128	HKFE128	11	72.7	9
PINEBANK WAIGROUP 41/97	NZE41-97	13	30.8	35
REILAND EVERITT E17	NLRE17	10	60.0	21
RENNYLEA C511	NORC511	9	77.8	7
RENNYLEA DIGGER D288	NORD288	15	60.0	21
STORTH OAKS D21 AB	NZE19507008D21	11	63.6	19
STRATHEWEN TIMEOUT E11	VSNE11	17	64.7	17
TE MANIA DEEGAN D309	VTMD309	14	64.3	18
THE GLEN ECLIPSE D249	GMJD249	12	58.3	25

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 1

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
DGJX36 ALLOURA EXPLOSION X36	38.6 (32)	285.2 (30)	238.8 (9)	350.4 (21)	576.4 (8)	316.8 (28)	61.8 (10)	7.8 (10)	11.0 (6)	4.9 (14)	440.4 (13)	85.0 (10)	8.4 (28)	-1.5 (9)	478.3 (24)	144.3 (2)	64.9 (18)	50.0 (23)	100.0 (1)	100.0 (1)	72.7 (9)
NAQD196 ARDROSSAN DIRECTION D196	34.6 (5)	281.1 (8)	239.4 (7)	351.3 (19)	577.5 (5)	319.7 (29)	62.7 (8)	7.0 (31)	9.2 (31)	4.4 (28)	442.9 (9)	85.1 (8)	11.3 (4)	-0.7 (33)	548.4 (8)	151.7 (19)	65.5 (9)	83.3 (1)	72.2 (29)	100.0 (1)	83.3 (3)
NAQA241 ARDROSSAN EQUATOR A241	35.1 (8)	282.8 (19)	239.0 (8)	360.9 (5)	597.7 (1)	305.3 (8)	63.7 (6)	7.5 (18)	10.0 (20)	4.8 (18)	458.9 (4)	85.5 (7)	9.4 (15)	-0.6 (35)	470.4 (28)	153.5 (21)	64.5 (28)	61.5 (11)	90.9 (7)	100.0 (1)	81.3 (4)
NBBD34 BALD BLAIR DEBONAIR D34	36.0 (15)	281.3 (11)	243.0 (3)	356.3 (13)	569.8 (15)	315.6 (26)	61.4 (14)	7.2 (25)	10.2 (18)	4.8 (18)	438.0 (16)	85.1 (8)	9.9 (9)	-1.5 (9)	544.1 (10)	154.7 (25)	65.0 (17)	64.3 (7)	65.4 (32)	100.0 (1)	88.9 (1)
ECMD34 BANNABY ADMIRAL D34	36.8 (26)	283.8 (24)	233.9 (22)	355.4 (14)	564.3 (19)	314.5 (25)	63.1 (7)	7.3 (23)	9.7 (23)	4.8 (18)	454.1 (5)	87.5 (2)	9.4 (15)	-1.4 (17)	477.9 (25)	159.9 (33)	64.8 (21)	76.5 (2)	74.1 (27)	100.0 (1)	81.3 (4)
NGMD337 BOOROOMOOKA ASTRON D337	33.8 (1)	281.1 (8)	232.7 (26)	337.4 (35)	554.9 (26)	312.6 (23)	59.6 (26)	8.0 (8)	10.9 (8)	5.4 (1)	437.8 (17)	83.7 (15)	10.1 (8)	-0.8 (31)	588.3 (3)	149.7 (11)	65.7 (4)	51.7 (21)	62.5 (34)	91.7 (34)	55.6 (26)
NGMD310 BOOROOMOOKA DIGNITY D310	36.1 (18)	282.0 (15)	244.3 (2)	359.0 (7)	571.5 (13)	319.8 (30)	59.7 (24)	8.5 (1)	11.2 (2)	5.0 (8)	426.3 (29)	76.4 (35)	7.8 (31)	-1.1 (25)	443.4 (33)	142.5 (1)	64.1 (32)	76.0 (3)	90.9 (7)	100.0 (1)	53.8 (27)
NGMC502 BOOROOMOOKA JIM CAREW C502	38.7 (34)	286.1 (34)	236.4 (16)	351.8 (18)	558.2 (23)	343.5 (33)	57.1 (32)	7.9 (9)	9.6 (26)	4.8 (18)	430.9 (23)	79.0 (31)	11.5 (3)	-1.1 (25)	536.4 (14)	162.0 (34)	64.7 (22)	43.5 (31)	78.9 (25)	94.7 (32)	62.5 (20)
NGMC196 BOOROOMOOKA MIDLAND C196	34.4 (4)	282.2 (16)	231.7 (27)	343.3 (30)	576.4 (8)	335.1 (32)	59.9 (23)	8.1 (5)	11.1 (4)	5.0 (8)	464.3 (2)	83.4 (16)	7.7 (32)	-1.3 (20)	497.7 (20)	159.7 (32)	64.9 (18)	60.9 (14)	70.6 (31)	100.0 (1)	66.7 (14)
NGMD105 BOOROOMOOKA ON TIME D105	35.4 (11)	281.8 (14)	233.5 (24)	338.3 (33)	551.4 (31)	308.6 (16)	58.7 (30)	8.4 (2)	10.7 (11)	5.1 (4)	420.6 (31)	80.4 (23)	8.6 (27)	-1.7 (6)	486.9 (23)	156.1 (28)	64.5 (28)	73.7 (4)	88.2 (14)	100.0 (1)	53.8 (27)
WLHD19 CHERYLTON STEWIE D19	36.5 (24)	280.9 (7)	236.9 (15)	365.6 (3)	570.5 (14)	311.4 (21)	58.9 (29)	7.8 (10)	11.2 (2)	5.0 (8)	436.9 (19)	80.3 (24)	10.9 (5)	-1.1 (25)	537.1 (12)	155.9 (27)	65.1 (15)	51.7 (21)	82.1 (22)	100.0 (1)	47.1 (30)
VCCC71 COOLANA RIGHT TIME C71	36.2 (19)	283.0 (20)	230.5 (30)	350.1 (22)	574.3 (11)	307.9 (13)	60.7 (16)	6.6 (33)	9.3 (30)	4.5 (25)	428.2 (25)	79.9 (25)	9.6 (13)	-1.4 (17)	469.9 (29)	155.3 (26)	64.7 (22)	50.0 (23)	95.2 (3)	100.0 (1)	60.0 (21)
VCCC58 COOLANA WHITWORTH C58	35.1 (8)	279.4 (3)	229.3 (31)	352.4 (17)	563.5 (20)	294.9 (1)	58.5 (31)	8.2 (3)	10.9 (8)	4.3 (32)	435.6 (20)	79.7 (27)	9.0 (21)	-1.2 (24)	491.2 (22)	147.8 (7)	65.4 (10)	63.6 (8)	90.0 (11)	100.0 (1)	60.0 (21)
NGCC199 DULVERTON CORKER C199	36.4 (22)	280.4 (5)	239.5 (6)	360.5 (6)	571.8 (12)	302.3 (3)	57.1 (32)	7.7 (16)	11.1 (4)	4.9 (14)	440.7 (11)	79.9 (25)	9.1 (20)	-0.8 (31)	540.8 (11)	154.5 (23)	65.3 (12)	61.1 (12)	88.9 (12)	100.0 (1)	40.0 (33)
TDHD42 ENTALLY FOREST KAINE D42	37.5 (29)	283.5 (22)	232.9 (25)	350.6 (20)	548.1 (35)	355.3 (34)	60.6 (18)	7.3 (23)	10.7 (11)	5.0 (8)	418.3 (32)	83.2 (17)	8.4 (28)	-1.3 (20)	458.3 (32)	150.3 (12)	64.0 (34)	55.6 (17)	93.3 (5)	100.0 (1)	66.7 (14)
CJME3 HIGH SPA EDWARD E3	33.8 (1)	277.3 (1)	228.0 (34)	339.0 (32)	554.6 (28)	305.0 (7)	56.6 (34)	7.8 (10)	10.1 (19)	4.4 (28)	439.3 (14)	79.7 (27)	12.9 (1)	-1.5 (9)	640.2 (1)	151.4 (16)	66.8 (1)	35.7 (35)	72.7 (28)	100.0 (1)	71.4 (11)
VMIC31 INNESDALE CARBINE C31	37.4 (27)	283.4 (21)	230.7 (29)	345.9 (27)	550.2 (32)	304.0 (5)	59.7 (24)	6.4 (35)	9.7 (23)	4.3 (32)	420.7 (30)	82.4 (19)	8.7 (26)	-0.7 (33)	470.8 (27)	145.3 (4)	64.6 (25)	50.0 (23)	90.5 (10)	95.2 (31)	77.8 (7)
TFAD66 LANDFALL EVERLAST D66	35.9 (14)	285.1 (29)	238.8 (9)	356.5 (12)	577.4 (6)	308.0 (15)	60.4 (20)	7.5 (18)	10.0 (20)	5.1 (4)	440.7 (11)	77.9 (33)	9.4 (15)	-0.9 (30)	501.1 (18)	158.1 (31)	64.9 (18)	59.3 (15)	86.4 (17)	95.5 (28)	53.8 (27)
VLYB1155 LAWSONS TANK B1155	36.0 (15)	282.2 (16)	239.7 (5)	358.0 (8)	567.8 (17)	304.5 (6)	61.6 (12)	7.4 (20)	11.0 (6)	5.1 (4)	430.5 (24)	84.5 (13)	9.9 (9)	-1.3 (20)	577.5 (4)	149.4 (10)	65.6 (7)	52.0 (20)	87.5 (15)	100.0 (1)	44.4 (31)
UK583169400113 LORABAR MIGHTY PRINCE D113	39.2 (35)	287.2 (35)	234.1 (21)	338.2 (34)	549.8 (33)	307.9 (13)	59.3 (27)	7.1 (29)	9.2 (31)	3.9 (35)	401.8 (35)	78.1 (32)	6.9 (34)	-2.0 (1)	405.7 (35)	148.8 (8)	63.5 (35)	43.5 (31)	88.9 (12)	100.0 (1)	42.9 (32)
NMMD78 MILLAH MURRAH EQUATOR D78	35.6 (12)	278.0 (2)	247.6 (1)	376.4 (1)	588.0 (2)	309.3 (18)	61.7 (11)	8.1 (5)	9.0 (34)	4.5 (25)	437.2 (18)	81.1 (21)	6.4 (35)	-2.0 (1)	465.1 (30)	153.9 (22)	64.3 (30)	50.0 (23)	87.5 (15)	100.0 (1)	80.0 (6)
NMME123 MILLAH MURRAH EQUITY E123	36.4 (22)	283.7 (23)	237.3 (12)	363.6 (4)	580.8 (4)	310.8 (20)	64.8 (2)	7.2 (25)	8.7 (35)	4.4 (28)	459.8 (3)	85.8 (6)	8.2 (30)	-2.0 (1)	441.8 (34)	146.2 (6)	64.3 (30)	52.2 (19)	91.7 (6)	95.8 (25)	66.7 (14)

Angus Sire Benchmarking Program - Cohort 1

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
NMME78 MILLAH MURRAH NEUTRON E78	36.3 (20)	280.1 (4)	231.5 (28)	347.7 (24)	558.5 (22)	300.7 (2)	60.6 (18)	6.7 (32)	9.5 (29)	4.8 (18)	439.3 (14)	77.5 (34)	9.4 (15)	-1.7 (6)	511.9 (16)	151.6 (18)	65.4 (10)	37.9 (34)	62.5 (34)	95.8 (25)	69.2 (12)
UK302307300376 NIGHTINGALE PLOUGHMAN G376	36.0 (15)	282.3 (18)	229.2 (32)	347.8 (23)	554.8 (27)	307.3 (12)	60.1 (22)	6.5 (34)	9.6 (26)	4.3 (32)	426.4 (28)	85.9 (5)	7.2 (33)	-1.5 (9)	494.5 (21)	152.8 (20)	64.6 (25)	73.1 (5)	82.6 (20)	100.0 (1)	88.9 (1)
NNHC17 NOONEE CARSTAIRS C17	34.9 (6)	284.6 (26)	223.0 (35)	344.8 (29)	552.4 (29)	374.3 (35)	56.5 (35)	7.8 (10)	9.8 (22)	4.4 (28)	427.2 (26)	79.3 (30)	9.7 (12)	-1.0 (28)	500.3 (19)	151.5 (17)	64.7 (22)	45.0 (29)	85.0 (19)	100.0 (1)	33.3 (34)
NNHE41 NOONEE EUCLID E41	35.7 (13)	281.4 (12)	234.7 (18)	345.3 (28)	556.0 (25)	312.6 (23)	60.7 (16)	7.2 (25)	9.1 (33)	4.5 (25)	426.9 (27)	83.0 (18)	8.8 (23)	-1.9 (4)	507.3 (17)	150.8 (13)	65.1 (15)	42.3 (33)	65.2 (33)	95.7 (27)	69.2 (12)
HKFE128 PARINGA RED NEW MAN E128	37.4 (27)	280.5 (6)	238.7 (11)	356.8 (11)	560.5 (21)	306.0 (9)	60.2 (21)	7.4 (20)	10.4 (16)	5.4 (1)	434.5 (22)	80.8 (22)	11.6 (2)	-1.3 (20)	531.7 (15)	144.5 (3)	65.6 (7)	45.5 (28)	81.8 (23)	95.5 (28)	72.7 (9)
NZE41-97 PINEBANK WAIGROUP 41/97	35.3 (10)	281.5 (13)	233.9 (22)	347.6 (25)	548.4 (34)	303.2 (4)	64.3 (4)	7.8 (10)	10.9 (8)	4.7 (23)	404.0 (34)	86.0 (4)	8.9 (22)	-1.5 (9)	471.2 (26)	151.2 (15)	64.1 (32)	65.6 (6)	85.2 (18)	85.2 (35)	30.8 (35)
NLRE17 REILAND EVERITT E17	36.6 (25)	285.8 (32)	242.3 (4)	371.6 (2)	577.4 (6)	309.0 (17)	64.4 (3)	7.2 (25)	9.6 (26)	4.6 (24)	441.6 (10)	84.6 (12)	9.5 (14)	-1.9 (4)	554.4 (7)	150.8 (13)	66.1 (3)	56.5 (16)	72.2 (29)	94.4 (33)	60.0 (21)
NORC511 RENNYLEA C511	37.7 (30)	284.7 (28)	234.4 (20)	356.9 (9)	566.1 (18)	309.9 (19)	65.3 (1)	8.2 (3)	9.7 (23)	5.3 (3)	435.3 (21)	88.5 (1)	8.8 (23)	-1.4 (17)	458.8 (31)	157.9 (30)	64.6 (25)	61.1 (12)	80.0 (24)	100.0 (1)	77.8 (7)
NORD288 RENNYLEA DIGGER D288	35.0 (7)	281.1 (8)	234.7 (18)	347.3 (26)	552.2 (30)	316.0 (27)	59.1 (28)	8.1 (5)	12.7 (1)	5.0 (8)	417.9 (33)	79.6 (29)	9.9 (9)	-1.5 (9)	577.5 (4)	156.6 (29)	65.2 (13)	55.2 (18)	96.3 (2)	96.3 (24)	60.0 (21)
NZE19507008D21 STORTH OAKS D21 AB	37.8 (31)	284.6 (26)	237.0 (13)	356.9 (9)	569.1 (16)	311.4 (21)	62.7 (8)	7.1 (29)	10.3 (17)	5.0 (8)	445.1 (8)	84.8 (11)	8.8 (23)	-1.0 (28)	557.9 (6)	148.8 (8)	65.7 (4)	45.8 (27)	90.9 (7)	95.5 (28)	63.6 (19)
VSNE11 STRATHEWEN TIMEOUT E11	34.3 (3)	284.4 (25)	228.9 (33)	343.0 (31)	556.9 (24)	325.8 (31)	61.2 (15)	7.4 (20)	10.5 (14)	5.1 (4)	448.9 (6)	84.4 (14)	10.7 (6)	-1.5 (9)	594.4 (2)	154.5 (23)	66.3 (2)	61.8 (10)	78.6 (26)	100.0 (1)	64.7 (17)
VTMD309 TE MANIA DEEGAN D309	36.3 (20)	285.3 (31)	234.8 (17)	353.5 (15)	575.6 (10)	306.1 (10)	61.5 (13)	7.7 (16)	10.6 (13)	4.9 (14)	447.8 (7)	81.4 (20)	10.2 (7)	-1.6 (8)	546.9 (9)	162.2 (35)	65.2 (13)	44.4 (30)	82.6 (20)	100.0 (1)	64.3 (18)
GMJD249 THE GLEN ECLIPSE D249	38.6 (32)	285.8 (32)	237.0 (13)	353.3 (16)	581.9 (3)	306.6 (11)	64.3 (4)	7.8 (10)	10.5 (14)	4.9 (14)	474.7 (1)	86.8 (3)	9.4 (15)	-1.5 (9)	537.1 (12)	146.1 (5)	65.7 (4)	62.5 (9)	95.0 (4)	100.0 (1)	58.3 (25)

8.1.2 ASBP Cohort 2 Progeny Performance Report

AngusSire™
Benchmarking Program

PROGENY PERFORMANCE REPORT

COHORT 2

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 Feedlot
John Dee Abattoir
University of New England (UNE)
Vetoquinol

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.
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James Stephens, Charles Sturt University, Wagga Wagga, NSW.
Douglas Lithgow, Swanpool, VIC, 3673
Bruce 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	ABI	DOM	GRN	GRS
NXOL172	**AJC L172** [SV]				+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
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
ABI	Angus Breeding Index
DOM	Domestic Index
GRN	Heavy Grain Index
GRS	Heavy Grass 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 2
Mid December 2020 TransTasman Angus Cattle Evaluation

Ident / Sire / Dam	Name / Reg.	Statistics: Num Herd	Prog	Prog 2Yr.	Calv-Ease: Dir	Calv-Ease: Dtrs	Birth: GL	Birth: BW	Growth: 200	Growth: 400	Growth: 600	Growth: MCW	Growth: Milk	Fert: SS	Fert: DC	Carcase: CW	Carcase: EMA	Carcase: Rib	Carcase: P8	Carcase: RBY	Carcase: IMF	Feed: NFI-F	Temp: Doc	Structural: Angle	Structural: Claw	Selection Index: ABI	Selection Index: DOM	Selection Index: GRN	Selection Index: GRS
ESTE32	**ABBOTT PERFORMER E32** SV				+0.4	+5.3	-6.6	+5.9	+58	+96	+138	+119	+22	+2.5	-3.7	+92	+1.1	+0.4	-0.1	+0.7	-0.4	+0.38	-17	+0.98	+0.72	$84	$80	$64	$90
USA14885809	HBR	10	206	2	68%	56%	96%	96%	94%	94%	94%	91%	91%	89%	66%	91%	88%	91%	89%	86%	88%	84%	84%	83%	82%				
ESTZ31					65	27	18	86	10	22	8	16	10	25	70	1	99	32	39	40	99	76	99	49	24	70	76	76	64
AHWE21	**ABERDEEN ESTATE EXCITE E21** PV				+0.6	+6.5	-4.0	+4.7	+50	+87	+115	+117	+13	+2.9	-5.9	+68	+3.9	+2.3	+0.8	-1.0	+3.1	+0.62	-7	+1.38	+1.20	$87	$83	$93	$83
VTMY437	HBR	9	60	0	59%	50%	92%	91%	85%	85%	87%	81%	78%	76%	63%	83%	81%	85%	82%	80%	81%	76%	75%	77%	77%				
VSNB03					64	18	59	62	39	50	47	18	83	13	29	40	82	4	18	95	14	93	88	99	97	67	73	56	72
HBUE183	**ANVIL ENFORCER E183** PV				+2.7	+4.4	-6.1	+3.7	+51	+90	+115	+78	+20	+2.2	-2.2	+71	+5.4	+0.1	-1.3	+1.8	-0.1	+0.61	+11	+0.66	+0.78	$107	$116	$91	$111
USA14963730	HBR	12	228	3	66%	52%	95%	96%	92%	93%	92%	86%	83%	90%	61%	89%	86%	89%	87%	84%	86%	82%	80%	82%	82%				
USA14742276					49	35	24	36	36	40	49	86	20	37	89	26	57	41	74	7	99	93	34	3	36	44	29	58	38
NAQE162	**ARDROSSAN EXACT E162** PV				+6.8	+6.2	-4.9	+2.0	+46	+83	+113	+80	+27	+3.1	-5.4	+76	+4.7	-2.2	-0.5	+1.4	+0.3	-0.73	+6	+0.88	+0.78	$112	$111	$97	$118
NAQA241	HBR	7	29	0	60%	53%	91%	89%	86%	86%	87%	83%	75%	79%	65%	85%	83%	87%	84%	82%	84%	80%	82%	82%	82%				
NAQX17					19	20	43	8	65	64	52	84	2	9	38	14	70	96	51	15	97	1	51	26	36	39	36	53	29
NAQF21	**ARDROSSAN FAIRFAX F21** PV				+2.5	-7.5	-9.4	+4.3	+40	+70	+96	+74	+20	+0.5	-1.5	+63	+8.6	+1.7	+2.6	+1.7	-1.4	+0.15	-18	+1.08	+0.72	$49	$65	$10	$67
USA14885809	HBR	31	391	0	77%	64%	98%	98%	96%	96%	97%	94%	94%	95%	66%	91%	90%	92%	90%	87%	89%	83%	88%	80%	79%				
NAQD17					50	99	3	51	90	94	88	90	24	96	94	58	13	8	2	9	99	47	99	72	24	91	88	95	85
HIOE7	**AYRVALE BARTEL E7** PV				+12.0	+12.4	-5.2	+1.8	+50	+88	+114	+69	+26	+2.4	-10.6	+73	+8.5	-0.5	+0.5	+0.7	+2.9	+0.58	-12	+0.96	+1.02	$200	$182	$227	$195
VTMB219	HBR	231	6143	333	97%	90%	99%	99%	99%	99%	99%	99%	99%	99%	91%	98%	97%	98%	98%	97%	97%	95%	99%	99%	99%				
BVVB32					2	1	38	7	40	46	51	93	2	28	1	21	14	62	24	40	19	91	96	44	82	1	1	1	1
NBBC126	**BALD BLAIR HIGHLANDER C126** PV				-3.4	-10.1	-2.9	+4.2	+44	+76	+107	+109	+17	+1.5	+0.3	+65	+3.2	-1.8	-1.2	+0.8	+1.1	+0.49	-6	+0.86	+0.70	$23	$26	$7	$26
NBBZ58	HBR	9	178	0	71%	59%	95%	96%	95%	95%	96%	94%	95%	93%	64%	91%	89%	91%	90%	87%	88%	82%	91%	81%	81%				
NBBY191					85	99	76	49	73	85	68	30	52	71	98	51	89	92	71	36	82	86	86	22	20	97	99	95	98
ECME1	**BANNABY HYTIME E1** PV				-8.9	+3.6	-8.5	+6.7	+55	+94	+128	+104	+26	+1.6	-2.9	+77	+6.3	-1.7	-1.9	+0.7	+2.6	-0.59	+12	+0.98	+0.98	$99	$86	$114	$92
USA13058662	HBR	7	37	0	58%	50%	92%	91%	87%	87%	89%	82%	76%	77%	65%	88%	87%	89%	87%	83%	87%	85%	82%	82%	82%				
BBBX83					97	43	6	94	18	29	20	39	2	66	82	12	40	91	86	40	26	1	31	49	76	54	70	40	62
NGXE617	**BONGONGO E617** PV				-3.4	+3.0	-2.3	+3.1	+41	+81	+100	+98	+13	+1.6	-5.5	+64	+2.3	+1.7	-1.8	-0.8	+2.1	+0.17	+16	+1.18	+0.88	$44	$60	$30	$44
USA14237157	HBR	7	41	0	56%	46%	90%	91%	87%	87%	88%	83%	77%	79%	61%	86%	84%	87%	84%	82%	84%	81%	78%	77%	77%				
NGXA30					85	49	84	23	87	73	82	52	83	66	36	56	95	8	84	93	42	49	21	87	57	93	91	90	95
NGME468	**BOOROOMOOKA EARTHWATCH E468**				+6.1	+2.5	-4.7	+4.2	+45	+76	+110	+103	+13	+1.0	-2.0	+42	+6.8	-0.7	-2.6	+2.5	-0.2	-0.36	-13	+1.02	+1.12	$57	$64	$30	$73
NGMC130	HBR	7	47	0	72%	50%	91%	91%	88%	87%	89%	81%	79%	75%	57%	85%	82%	86%	83%	79%	82%	78%	83%	81%	81%				
NGMC252					24	53	46	49	69	86	61	42	85	88	91	98	32	68	94	2	99	4	96	59	92	88	89	90	81
NGME124	**BOOROOMOOKA INSPIRED E124** PV				-5.4	+1.8	-6.7	+3.7	+47	+83	+109	+97	+15	+1.0	-9.8	+75	+1.5	-1.7	+2.6	-0.8	+2.3	+0.65	+9	+0.84	+0.88	$114	$109	$114	$111
NAQA241	HBR	59	895	15	92%	80%	99%	99%	98%	98%	98%	98%	98%	98%	81%	96%	95%	96%	95%	94%	94%	89%	98%	96%	96%				
NGMB325					91	60	17	36	58	66	65	55	65	88	1	17	98	91	2	93	35	94	43	18	57	37	38	40	38
NGME184	**BOOROOMOOKA SO YOU THINK**				-11.6	-1.1	-4.6	+8.1	+58	+95	+142	+135	+11	+3.6	-4.3	+48	+1.1	-1.8	-2.3	+1.2	+1.2	-1.18	-14	+0.54	+0.72	$61	$51	$46	$68
USA13058662	HBR	7	47	0	58%	52%	93%	91%	87%	86%	88%	83%	77%	76%	65%	85%	83%	87%	84%	81%	84%	80%	83%	81%	81%				
NGMA281					99	81	48	99	9	25	5	5	93	4	59	95	99	92	91	20	79	1	97	1	24	86	94	85	84
NBHF318	**CLUNIE RANGE FERRARI F318** PV				-3.6	-1.1	-6.1	+5.4	+53	+95	+130	+109	+17	+2.0	-3.1	+93	+4.0	-2.6	-1.9	+0.5	+1.9	-0.81	-3	+0.96	+0.60	$92	$86	$93	$92
USA14237157	HBR	7	51	0	59%	49%	93%	92%	89%	88%	90%	83%	78%	84%	61%	88%	86%	89%	86%	83%	86%	84%	81%	77%	77%				
NBHB31					85	81	24	77	25	24	16	30	49	46	80	1	81	98	86	50	51	1	80	44	8	61	70	56	62
USA16450113	**CONNEALY SENSATION 964** PV				-11.8	-1.4	+1.3	+6.3	+58	+93	+112	+101	+11	+1.1	+0.0	+67	+6.8	-0.9	-2.6	+2.0	+0.6	+0.25	+14	+1.10	+1.18	$74	$87	$70	$69
USA15543702	HBR	12	108	0	63%	49%	96%	95%	93%	93%	93%	87%	90%	87%	57%	89%	86%	89%	86%	83%	86%	79%	79%	80%	80%				
USA15148684					99	83	99	91	10	30	56	46	92	85	98	43	32	74	94	5	93	61	24	76	96	78	68	73	84
	Breed Average EBVs				**+2.0**	**+2.5**	**-4.5**	**+4.2**	**+48**	**+87**	**+114**	**+99**	**+17**	**+2.0**	**-4.8**	**+65**	**+6.0**	**-0.1**	**-0.4**	**+0.5**	**+2.0**	**+0.18**	**+6**	**+0.98**	**+0.85**	**+100**	**+100**	**+100**	**+100**

Angus Australia - Sire Benchmarking Program - Cohort 2
Mid December 2020 TransTasman Angus Cattle Evaluation

Ident / Sire / Dam	Name / Reg.	Statistics: Num Herd	Prog	Prog 2Yr.	Calv-Ease: Dir	Calv-Ease: Dtrs	Birth: GL	Birth: BW	Growth: 200	Growth: 400	Growth: 600	Growth: MCW	Growth: Milk	Fert: SS	Fert: DC	Carcase: CW	Carcase: EMA	Carcase: Rib	Carcase: P8	Carcase: RBY	Carcase: IMF	Feed: NFI-F	Temp: Doc	Structural: Angle	Structural: Claw	Selection Index: ABI	Selection Index: DOM	Selection Index: GRN	Selection Index: GRS
VCCE38	**COOLANA AFRICA E38** SV				+8.4	+7.2	-5.5	+0.9	+33	+71	+91	+76	+23	+1.6	-6.6	+28	+5.9	-1.5	-1.7	+0.9	+2.4	-0.31	+17	+1.40	+0.86	$86	$92	$76	$90
VTMA217	HBR	8	44	0	60%	50%	92%	91%	87%	87%	88%	84%	79%	83%	62%	84%	81%	86%	83%	80%	82%	77%	75%	78%	77%				
VCCC91					11	13	33	3	98	93	93	88	8	66	19	99	48	88	82	31	32	5	17	99	53	68	62	69	64
VCCE56	**COOLANA INFINITY E56** SV				+4.3	-4.8	-0.3	+3.4	+43	+76	+95	+73	+6	+1.4	-4.0	+65	+4.6	-4.1	-2.9	-0.5	+4.6	+1.38	+1	+0.74	+0.70	$109	$103	$140	$101
NZE04379	HBR	8	190	0	73%	62%	96%	97%	95%	94%	93%	88%	88%	94%	67%	90%	88%	90%	88%	85%	86%	83%	80%	81%	80%				
VCCC84					37	95	96	29	80	86	89	90	99	75	65	51	71	99	96	88	1	99	70	7	20	42	47	23	50
BHRE614	**DUNOON EVIDENT E614** PV				-13.7	-19.9	-0.1	+6.0	+52	+91	+113	+108	+15	+3.7	-5.0	+60	+12.1	-2.2	-0.9	+3.1	+1.5	+0.33	+31	+1.10	+0.88	$86	$93	$79	$87
VTMB219	HBR	144	2410	0	94%	82%	99%	99%	99%	99%	99%	98%	98%	98%	83%	97%	96%	96%	96%	95%	95%	90%	98%	95%	95%				
BHRB681					99	99	97	87	29	36	54	32	69	3	45	71	2	96	63	1	68	71	2	76	57	68	61	67	68
WWEF4	**ESSLEMONT F4** SV				+6.7	+2.7	-3.0	+2.8	+41	+74	+96	+66	+25	+3.0	-8.7	+48	+7.5	+0.8	-0.8	+0.4	+2.7	-0.41	+4	+0.96	+0.78	$125	$120	$128	$123
NXTY17	HBR	7	31	0	56%	47%	90%	89%	85%	84%	86%	80%	72%	69%	59%	83%	81%	85%	82%	79%	82%	78%	79%	78%	78%				
WWED2					20	52	75	18	88	89	88	95	3	11	3	95	23	21	60	55	23	3	59	44	36	25	25	30	24
EUDE0151	**GILMANDYKE ELWOOD E0151** SV				-0.8	-0.5	-5.2	+5.7	+47	+84	+113	+104	+20	+1.7	-2.5	+68	+2.2	-4.6	-3.7	+1.7	+1.1	-0.51	+13	+0.98	+0.90	$52	$60	$36	$56
NGMZ250	HBR	7	40	0	53%	41%	92%	91%	87%	86%	88%	81%	72%	74%	58%	85%	82%	86%	83%	80%	82%	77%	83%	73%	73%				
NARZ132					72	78	38	82	61	64	54	41	20	61	87	37	96	99	99	9	82	2	29	49	62	90	91	89	91
QBGE142	**GLENOCH ETHAN E142** SV				-7.5	+0.2	-1.6	+5.7	+46	+80	+99	+88	+18	+1.8	-6.3	+59	+5.3	+2.7	+4.0	-1.0	+1.2	+0.38	-12	+1.04	+1.02	$69	$80	$51	$67
USA14885809	HBR	8	67	0	60%	49%	93%	93%	90%	91%	91%	84%	86%	87%	62%	88%	85%	89%	86%	83%	85%	80%	79%	79%	79%				
QBGA161					95	73	90	82	62	75	84	71	41	56	23	74	59	2	1	95	79	76	96	64	82	81	76	83	85
NZE17683004	**KAHARAU CLASS 790** #				-15.3	-12.1	-3.5	+6.2	+44	+80	+111	+107	+5	+1.3	-0.5	+40	+6.6	-0.6	-1.4	+1.5	-0.3	-0.02	+8	+1.20	+0.98	$-9	$10	$-48	$10
NZE17683001254	HBR	9	25	1	77%	70%	94%	96%	97%	96%	98%	95%	97%	94%	74%	93%	93%	93%	93%	91%	91%	85%	72%	68%	67%				
NZ176831006340					99	99	67	89	74	75	59	34	99	78	97	99	35	65	76	12	99	25	45	90	76	99	99	99	99
NZE13144008	**KAIWARA 440** SV				-1.8	-8.9	-1.9	+3.7	+42	+83	+116	+113	+25	+0.6	-2.9	+68	+1.2	-1.2	+0.5	-2.1	+1.4	+0.26	-15	+1.06	+0.72	$10	$14	$-10	$11
NZE04379	HBR	7	29	0	83%	66%	97%	98%	97%	97%	97%	94%	97%	96%	75%	93%	91%	93%	92%	89%	90%	84%	79%	76%	75%				
NZE13144106239					78	99	88	36	83	65	46	25	3	95	82	38	99	82	24	99	72	62	98	68	24	98	99	97	99
TFAE459	**LANDFALL ADMIRAL E459** SV				-2.2	-2.6	+0.1	+4.4	+45	+84	+121	+111	+19	+1.1	-5.7	+86	+3.8	-2.5	-3.8	+1.1	+1.7	+0.41	+11	+0.84	+0.66	$68	$63	$55	$73
NAQA2	APR	7	98	0	60%	51%	93%	93%	91%	91%	91%	83%	80%	85%	64%	86%	83%	87%	84%	81%	83%	77%	90%	78%	78%				
TFAC387					80	88	97	54	70	64	32	27	29	85	33	3	83	98	99	24	60	79	35	18	15	82	89	81	81
TFAE1	**LANDFALL INFINITY E1** PV				-5.8	-8.0	-6.0	+4.9	+46	+86	+114	+109	+19	+3.9	-5.9	+61	+2.8	-3.6	-3.3	+1.5	+1.8	-0.18	-11	+0.72	+0.80	$57	$64	$43	$62
NZE04379	HBR	7	113	0	69%	60%	94%	96%	93%	93%	94%	91%	89%	85%	67%	90%	87%	90%	88%	85%	88%	84%	91%	86%	86%				
TFAC43					92	99	26	67	63	57	51	31	29	2	29	65	93	99	98	12	55	12	94	5	40	88	89	86	88
VLYE398	**LAWSONS NADAL E398** SV				-7.7	-4.5	-1.6	+5.8	+56	+90	+110	+129	-7	+1.2	-5.7	+68	+11.4	-0.5	-2.0	+2.2	+1.3	+0.47	-19	+0.92	+0.90	$84	$99	$70	$86
USA15464043	HBR	43	364	1	80%	65%	98%	98%	97%	96%	97%	95%	95%	94%	66%	92%	90%	92%	90%	88%	89%	83%	83%	81%	80%				
VLYB887					95	94	90	84	14	39	61	8	99	82	33	40	2	62	87	3	76	84	99	35	62	70	52	73	69
VLYE313	**LAWSONS NOVAK E313** SV				-10.4	+1.4	-2.3	+3.8	+52	+88	+115	+100	+21	+1.4	-5.2	+61	+6.0	-1.5	-2.6	+0.4	+3.2	-0.24	+7	+0.46	+0.68	$103	$92	$128	$94
USA14844711	HBR	81	1655	10	92%	76%	99%	99%	98%	98%	98%	98%	98%	98%	77%	96%	95%	95%	95%	93%	94%	88%	97%	92%	92%				
VLYB770					98	63	84	38	32	49	49	47	18	75	42	67	46	88	94	55	13	8	49	1	17	49	62	30	59
EEHD240	**MATONI RIGHT TIME D240** SV				-13.1	-1.7	-1.4	+7.4	+47	+84	+111	+116	+14	+1.7	-3.6	+68	+8.6	-1.4	-1.3	+2.1	+0.0	-0.01	+5	+0.78	+0.72	$19	$38	$-16	$33
USA24J	HBR	7	50	0	59%	50%	92%	90%	86%	87%	88%	82%	77%	79%	62%	82%	80%	84%	81%	79%	80%	75%	77%	78%	78%				
EEHY059					99	84	91	98	62	63	60	20	79	61	72	40	13	86	74	4	99	26	55	10	24	98	97	98	97
NZE14738009	**MERCHISTON EXPEDITION 934** SV				-19.1	-20.6	-2.2	+9.9	+59	+114	+159	+157	+13	+4.3	+1.1	+73	+0.6	-3.8	-1.9	+1.3	-0.3	-0.60	+8	+0.94	+0.42	$-24	$-9	$-60	$-5
NZE14738007774	HBR	6	24	0	70%	55%	95%	96%	95%	95%	95%	91%	91%	92%	70%	89%	88%	90%	88%	85%	87%	80%	77%	67%	67%				
NZE14738106557					99	99	85	99	7	2	1	1	82	1	99	21	99	99	86	17	99	1	45	39	1	99	99	99	99
	Breed Average EBVs				**+2.0**	**+2.5**	**-4.5**	**+4.2**	**+48**	**+87**	**+114**	**+99**	**+17**	**+2.0**	**-4.8**	**+65**	**+6.0**	**-0.1**	**-0.4**	**+0.5**	**+2.0**	**+0.18**	**+6**	**+0.98**	**+0.85**	**+100**	**+100**	**+100**	**+100**

Angus Australia - Sire Benchmarking Program - Cohort 2
Mid December 2020 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	ABI	DOM	GRN	GRS
NJWE158	**MILWILLAH LAD E158** SV				-2.1	-7.4	-7.8	+8.2	+44	+80	+109	+104	+6	+2.1	-7.0	+49	+8.0	-0.4	-2.8	+1.2	+2.5	+0.02	-2	+0.98	+0.76	$66	$71	$46	$73
NZEE230	HBR	12	248	0	68%	56%	95%	96%	95%	95%	95%	89%	91%	90%	62%	90%	88%	90%	88%	85%	87%	81%	83%	73%	73%				
VTMX114					79	99	9	99	78	74	64	40	99	42	15	94	18	58	95	20	29	30	77	49	32	83	84	85	81
DDSD57	**N BAR A2 ADMIRAL D57** SV				-10.1	-16.1	-4.0	+8.1	+55	+94	+127	+115	+16	+1.9	-4.8	+81	+7.4	-2.9	-5.0	+2.1	+2.6	+0.42	+23	+1.04	+0.68	$84	$78	$90	$81
NAQA2	HBR	8	28	0	56%	48%	89%	87%	83%	83%	85%	80%	71%	70%	60%	83%	80%	84%	81%	79%	81%	78%	74%	75%	75%				
NSTW44					98	99	59	99	16	26	21	21	61	51	49	7	24	99	99	4	26	80	8	64	17	70	78	59	74
UKI54269710	**NETHERTON MR RADER J527** SV				-8.9	-0.1	+1.7	+6.2	+36	+59	+78	+80	+9	-0.1	+4.7	+39	+12.3	-1.5	-4.5	+3.5	-1.6	-0.79	+13	+0.88	+0.66	$-54	$-13	$-98	$-25
CBJW42	HBR	11	57	0	58%	44%	92%	93%	89%	89%	90%	86%	77%	78%	56%	87%	84%	88%	85%	82%	85%	80%	74%	70%	70%				
UKI542697100114					97	75	99	89	96	99	98	84	98	99	99	99	1	88	99	1	99	1	30	26	15	99	99	99	99
HKFE27	**PARINGA IRON ORE E27** PV				+9.3	+3.1	-7.8	+2.2	+38	+72	+95	+105	+14	+2.2	-7.6	+74	+6.9	+0.4	+0.5	+0.0	+1.6	+0.31	+29	+1.06	+0.90	$58	$68	$34	$64
VTMA149	HBR	20	166	8	66%	53%	97%	96%	93%	93%	93%	88%	90%	90%	66%	90%	88%	90%	88%	85%	87%	83%	84%	79%	79%				
FAFC1					7	48	9	10	94	92	89	37	78	37	9	19	31	32	24	72	64	68	3	68	62	87	86	89	87
SMPE34	**PATHFINDER TOTAL E34** PV				-27.2	-11.6	-0.8	+8.5	+65	+108	+135	+153	+8	+2.4	-1.9	+67	+12.2	-2.1	-4.0	+3.5	+1.1	-0.70	+14	+0.86	+0.96	$33	$45	$27	$32
USA14844711	HBR	12	165	0	68%	53%	96%	96%	94%	94%	95%	87%	90%	92%	62%	90%	87%	90%	88%	85%	87%	83%	83%	80%	80%				
SMPZ556					99	99	95	99	2	5	11	1	98	28	91	41	2	95	99	1	82	1	26	22	73	95	96	91	97
NORE11	**RENNYLEA EDMUND E11** PV				+11.2	+0.0	-7.3	+1.1	+37	+68	+88	+61	+17	+2.0	-10.8	+55	+5.8	+3.1	+0.8	-0.6	+3.7	+0.93	+11	+1.02	+0.52	$138	$128	$154	$135
NGMY145	HBR	166	4219	150	97%	91%	99%	99%	99%	99%	99%	98%	99%	99%	92%	98%	97%	98%	98%	97%	97%	95%	99%	99%	99%				
VLYY5					3	74	12	3	96	96	94	97	46	46	1	84	49	1	18	90	6	99	33	59	4	15	17	16	14
NZE19507009	**STORTH OAKS BEYOND INFINITY E3**				+5.1	-4.6	-6.9	+0.8	+33	+73	+86	+78	+4	+1.0	-4.8	+39	+8.4	-1.1	+1.1	+0.0	+2.0	+1.06	+5	+0.92	+0.72	$69	$88	$48	$76
NZE04379	HBR	6	20	0	77%	65%	96%	97%	96%	96%	96%	93%	94%	94%	68%	92%	91%	92%	91%	89%	90%	85%	88%	71%	71%				
NZE19507107C133					31	95	15	2	98	90	96	86	99	88	49	99	15	80	13	72	47	99	55	35	24	81	67	84	78
WJYF55	**STRATHTAY STRUT F55** SV				-11.7	+2.1	+0.9	+7.1	+63	+109	+144	+145	+17	+1.4	-1.1	+81	+9.2	-5.7	-7.5	+5.8	-0.6	-1.05	+9	+1.04	+0.72	$75	$86	$60	$86
USA756	HBR	6	23	0	52%	40%	91%	89%	84%	84%	86%	80%	70%	74%	51%	84%	81%	86%	82%	79%	82%	76%	77%	75%	74%				
WJYZ54					99	57	99	96	3	4	4	2	45	75	95	7	9	99	99	1	99	1	42	64	24	77	70	78	69
NPGE55	**TALOOBY EMPEROR E55** SV				-1.5	-0.7	+1.2	+4.7	+33	+59	+85	+89	+5	+0.8	+1.3	+37	-0.9	-0.1	-1.3	-0.6	+0.8	-0.40	-1	+0.92	+0.70	$-40	$-18	$-77	$-24
UKI542697200402	HBR	7	134	0	73%	47%	93%	95%	89%	89%	91%	84%	71%	90%	55%	85%	83%	86%	83%	80%	81%	75%	74%	69%	69%				
NPGZ157					76	79	99	62	98	99	96	70	99	92	99	99	99	48	74	90	90	3	74	35	20	99	99	99	99
NZE16883007	**TANGIHAU 672** #				-2.7	-1.9	-4.9	+5.8	+31	+52	+72	+78	+16	+1.3	-0.7	+19	+0.5	+0.5	+0.0	+0.9	-0.6	-0.20	-24	+0.94	+0.70	$-44	$-12	$-91	$-22
NZ12831003633	HBR	7	81	0	67%	52%	96%	96%	94%	95%	95%	91%	93%	92%	66%	92%	90%	92%	90%	87%	89%	85%	83%	84%	84%				
NZE16883104498					82	85	43	84	99	99	99	86	56	78	97	99	99	29	37	31	99	11	99	39	20	99	99	99	99
VTME25	**TE MANIA EARL GREY E25** SV				+12.3	+7.3	-9.1	+1.6	+34	+60	+85	+28	+32	-1.0	-5.5	+43	+11.1	+2.3	+2.9	+1.0	+0.5	+0.29	+20	+1.22	+1.02	$134	$126	$120	$138
VTMC46	HBR	17	330	0	79%	67%	98%	97%	97%	97%	97%	96%	96%	92%	78%	95%	92%	94%	94%	90%	93%	85%	94%	94%	94%				
VTMC587					1	12	4	5	97	99	96	99	1	99	36	98	3	4	2	27	95	66	11	91	82	18	19	35	12
NZE16932009	**TE MANIA QUANTUM 09 490** SV				-6.0	-2.0	-5.2	+7.1	+52	+88	+114	+115	+2	+2.5	-6.1	+67	+2.2	-0.8	+2.4	-1.0	+2.4	+0.52	+14	+0.70	+0.52	$79	$82	$72	$78
NZE04379	HBR	15	100	0	77%	66%	98%	98%	97%	97%	97%	94%	95%	96%	69%	91%	91%	92%	90%	88%	89%	83%	91%	87%	87%				
NZE03158					92	86	38	96	30	49	52	22	99	25	26	42	96	71	3	95	32	88	25	4	4	74	74	72	76
GMJF20	**THE GLEN CAVALIER F020 F20** SV				+6.5	-3.1	-9.0	+4.4	+43	+74	+104	+90	+21	+1.9	-6.9	+58	+9.2	-2.3	-6.4	+4.7	-1.1	-0.14	+22	+1.10	+0.70	$67	$83	$33	$90
NLRC207	APR	7	53	0	57%	45%	90%	92%	89%	88%	90%	82%	84%	82%	53%	86%	84%	87%	85%	81%	84%	80%	72%	77%	77%				
GMJC132					21	90	4	54	78	89	76	68	16	51	16	77	9	97	99	1	99	15	9	76	20	83	73	90	64
NZE12922008	**TOTARANUI 825** #				-16.7	+0.3	-4.6	+5.7	+43	+79	+108	+83	+15	+0.6	+0.0	+48	+1.6	+0.4	+1.9	+0.6	-0.5	-0.83	-17	+1.06	+0.62	$15	$30	$-20	$29
NZE21180005913	HBR	6	26	0	72%	58%	91%	95%	92%	92%	92%	89%	88%	91%	57%	88%	86%	89%	87%	84%	86%	81%	77%	65%	64%				
NZE12922101127					99	72	48	82	81	77	65	79	68	95	98	95	98	32	5	45	99	1	99	68	10	98	98	98	98
	Breed Average EBVs				**+2.0**	**+2.5**	**-4.5**	**+4.2**	**+48**	**+87**	**+114**	**+99**	**+17**	**+2.0**	**-4.8**	**+65**	**+6.0**	**-0.1**	**-0.4**	**+0.5**	**+2.0**	**+0.18**	**+6**	**+0.98**	**+0.85**	**+100**	**+100**	**+100**	**+100**

Angus Australia - Sire Benchmarking Program - Cohort 2
Mid December 2020 TransTasman Angus Cattle Evaluation

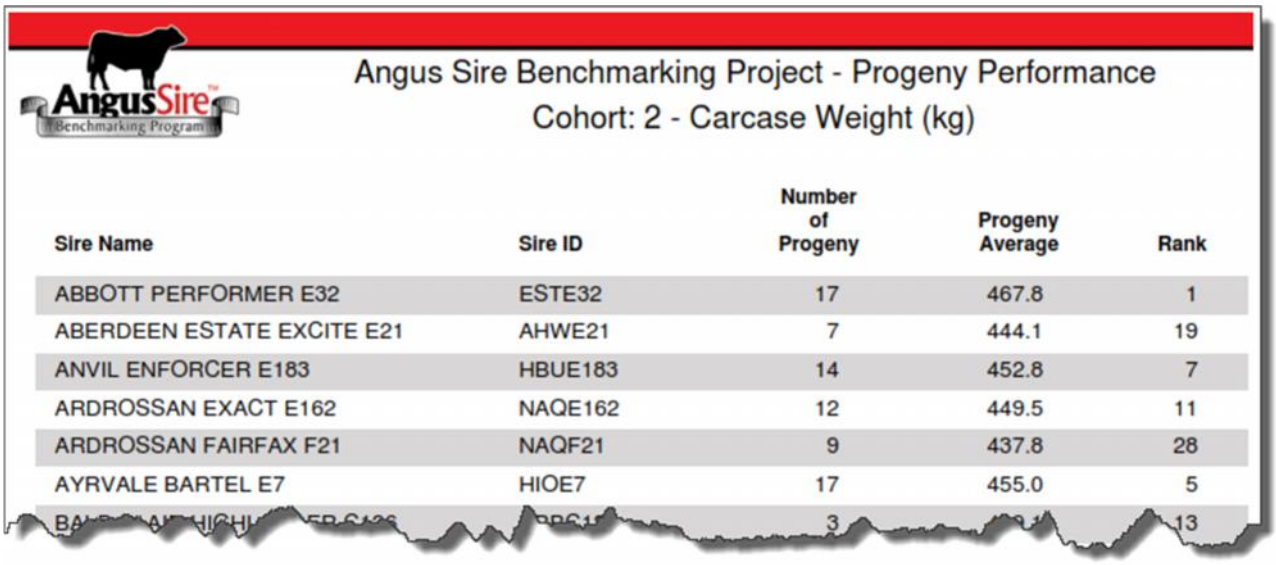
Ident	Name	Statistics			Estimated Breeding Values																									
					Calv-Ease		Birth		Growth					Fert		Carcase						Feed	Temp	Structural		Selection Index			
Sire Dam	Reg.	Num Herd	Prog	Prog 2Yr.	Dir	Dtrs	GL	BW	200	400	600	MCW	Milk	SS	DC	CW	EMA	Rib	P8	RBY	IMF	NFI-F	Doc	Angle	Claw	ABI	DOM	GRN	GRS
BNAD106	**TUWHARETOA DIPLOMAT D106** PV				-5.5	-16.8	-4.2	+8.7	+51	+92	+120	+94	+17	+3.1	-5.6	+79	+7.0	-1.1	-0.8	+0.3	+4.8	+0.30	-2	+0.86	+0.74	$117	$103	$147	$109
VTMA134	HBR	9	91	0	65%	58%	92%	93%	91%	91%	92%	88%	86%	83%	67%	89%	87%	89%	87%	85%	87%	82%	91%	84%	84%				
VLYY5					91	99	55	99	33	34	37	60	47	9	34	8	29	80	60	60	1	67	77	22	27	33	47	19	40
NXTD154	**TWYNAM D154** SV				-9.7	+5.5	-0.6	+5.7	+48	+90	+114	+108	+13	+2.3	-6.5	+67	+13.0	+1.4	-1.7	+2.5	+1.4	-0.43	+8	+0.88	+0.90	$86	$97	$67	$93
USA9074	APR	7	82	0	60%	49%	92%	93%	90%	90%	90%	83%	81%	89%	63%	85%	83%	86%	83%	80%	82%	76%	77%	79%	79%				
NXTB133					98	25	95	82	54	39	50	32	83	32	21	42	1	11	82	2	72	3	46	26	62	68	55	75	60
NZE18954008	**WAITANGI D213** SV				+10.5	+1.2	-4.0	+3.1	+45	+83	+97	+109	+0	+3.2	-2.2	+55	+6.0	-0.1	+0.0	+2.3	-0.4	+0.43	+13	+1.12	+0.80	$47	$82	$11	$63
USA13880818	HBR	8	27	0	83%	66%	96%	98%	97%	97%	97%	95%	96%	96%	71%	93%	92%	93%	92%	90%	91%	85%	77%	67%	67%				
NZE18954106B16					4	65	59	23	72	65	86	31	99	8	89	85	46	48	37	3	99	81	29	79	40	92	74	95	87
NWPE236	**WATTLETOP ANDY E236** PV				-21.2	+3.0	+0.3	+10.	+59	+99	+133	+154	+9	+4.8	-5.8	+66	-1.1	-2.2	-1.2	+0.2	+2.5	-0.71	-12	+0.86	+0.54	$16	$22	$5	$16
NWPC109	HBR	7	43	0	57%	47%	93%	92%	88%	88%	90%	85%	80%	80%	61%	85%	83%	87%	84%	81%	83%	76%	81%	77%	76%				
NWPZ318					99	49	98	99	7	15	12	1	97	1	31	45	99	96	71	64	29	1	96	22	4	98	99	96	99
NWPE111	**WATTLETOP SITZ 458N E111** SV				+3.4	+7.1	-5.1	+2.6	+46	+84	+112	+90	+28	+1.7	+0.0	+73	+5.4	-2.7	-3.0	+1.2	+3.1	-0.56	+21	+1.00	+0.90	$99	$89	$121	$93
USA14474596	HBR	18	310	4	77%	61%	97%	97%	95%	96%	96%	94%	94%	94%	72%	92%	90%	92%	91%	88%	90%	84%	91%	81%	81%				
NWPC36					43	14	39	15	65	61	56	67	1	61	98	20	57	99	97	20	14	1	9	54	62	54	66	35	60
	Breed Average EBVs				**+2.0**	**+2.5**	**-4.5**	**+4.2**	**+48**	**+87**	**+114**	**+99**	**+17**	**+2.0**	**-4.8**	**+65**	**+6.0**	**-0.1**	**-0.4**	**+0.5**	**+2.0**	**+0.18**	**+6**	**+0.98**	**+0.85**	**+100**	**+100**	**+100**	**+100**

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: 2 - Birth Weight (kg)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
ABBOTT PERFORMER E32	ESTE32	33	39.6	42
ABERDEEN ESTATE EXCITE E21	AHWE21	21	39.0	35
ANVIL ENFORCER E183	HBUE183	27	36.4	5
ARDROSSAN EXACT E162	NAQE162	26	36.4	5
ARDROSSAN FAIRFAX F21	NAQF21	22	37.5	20
AYRVALE BARTEL E7	HIOE7	34	36.9	12
BALD BLAIR HIGHLANDER C126	NBBC126	25	37.3	18
BANNABY HYTIME E1	ECME1	34	39.0	35
BONGONGO E617	NGXE617	27	37.0	13
BOOROOMOOKA EARTHWATCH E468	NGME468	33	36.6	8
BOOROOMOOKA INSPIRED E124	NGME124	19	37.5	20
BOOROOMOOKA SO YOU THINK E184	NGME184	30	39.6	42
CLUNIE RANGE FERRARI F318	NBHF318	30	38.2	23
CONNEALY SENSATION 964	USA16450113	26	38.7	29
COOLANA AFRICA E38	VCCE38	21	36.2	4
COOLANA INFINITY E56	VCCE56	23	38.9	32
DUNOON EVIDENT E614	BHRE614	25	38.2	23
ESSLEMONT F4	WWEF4	29	36.7	11
GILMANDYKE ELWOOD E0151	EUDE0151	27	37.4	19
GLENOCH ETHAN E142	QBGE142	28	38.6	27
KAHARAU CLASS 790	NZE17683004790	22	39.4	39
KAIWARA 440	NZE13144008440	25	38.0	22
LANDFALL ADMIRAL E459	TFAE459	29	36.6	8
LANDFALL INFINITY E1	TFAE1	34	37.1	16
LAWSONS NADAL E398	VLYE398	29	38.9	32
LAWSONS NOVAK E313	VLYE313	17	37.0	13
MATONI RIGHT TIME D240	EEHD240	22	40.0	44
MERCHISTON EXPEDITION 934	NZE14738009934	25	39.4	39
MILWILLAH LAD E158	NJWE158	19	39.4	39
N BAR A2 ADMIRAL D57	DDSD57	18	38.2	23
NETHERTON MR RADER J527	UKI542697100527	20	39.0	35
PARINGA IRON ORE E27	HKFE27	28	35.9	3
PATHFINDER TOTAL E34	SMPE34	25	40.5	45
RENNYLEA EDMUND E11	NORE11	34	35.3	2
STORTH OAKS BEYOND INFINITY E3	NZE19507009E3	20	35.0	1
STRATHTAY STRUT F55	WJYF55	22	38.6	27
TALOOBY EMPEROR E55	NPGE55	18	36.4	5
TANGIHAU 672	NZE16883007672	41	39.0	35

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 2 - Birth Weight (kg)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
TE MANIA EARL GREY E25	VTME25	36	36.6	8
TE MANIA QUANTUM 09 490	NZE16932009490	17	41.1	46
THE GLEN CAVALIER F020 F20	GMJF20	20	38.7	29
TOTARANUI 825	NZE12922008825	26	38.8	31
TUWHARETOA DIPLOMAT D106	BNAD106	23	38.9	32
TWYNAM D154	NXTD154	21	38.5	26
WAITANGI D213	NZE18954008D213	20	37.2	17
WATTLETOP ANDY E236	NWPE236	29	41.8	47
WATTLETOP SITZ 458N E111	NWPE111	31	37.0	13

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 2 - Gestation Length (days)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
ABBOTT PERFORMER E32	ESTE32	23	280.2	11
ABERDEEN ESTATE EXCITE E21	AHWE21	15	282.0	29
ANVIL ENFORCER E183	HBUE183	14	279.7	8
ARDROSSAN EXACT E162	NAQE162	17	280.6	15
ARDROSSAN FAIRFAX F21	NAQF21	12	280.4	12
AYRVALE BARTEL E7	HIOE7	25	281.4	22
BALD BLAIR HIGHLANDER C126	NBBC126	7	282.0	29
BANNABY HYTIME E1	ECME1	26	279.3	3
BONGONGO E617	NGXE617	18	281.4	22
BOOROOMOOKA EARTHWATCH E468	NGME468	22	280.4	12
BOOROOMOOKA INSPIRED E124	NGME124	12	282.5	32
BOOROOMOOKA SO YOU THINK E184	NGME184	17	281.0	19
CLUNIE RANGE FERRARI F318	NBHF318	17	279.5	7
CONNEALY SENSATION 964	USA16450113	17	284.5	46
COOLANA AFRICA E38	VCCE38	17	281.5	25
COOLANA INFINITY E56	VCCE56	17	283.1	34
DUNOON EVIDENT E614	BHRE614	16	283.0	33
ESSLEMONT F4	WWEF4	21	281.5	25
GILMANDYKE ELWOOD E0151	EUDE0151	18	280.0	9
GLENOCH ETHAN E142	QBGE142	19	283.2	36
KAHARAU CLASS 790	NZE17683004790	14	281.4	22
KAIWARA 440	NZE13144008440	18	281.9	27
LANDFALL ADMIRAL E459	TFAE459	18	283.2	36
LANDFALL INFINITY E1	TFAE1	24	280.7	18
LAWSONS NADAL E398	VLYE398	19	283.4	39
LAWSONS NOVAK E313	VLYE313	8	283.2	36
MATONI RIGHT TIME D240	EEHD240	14	283.1	34
MERCHISTON EXPEDITION 934	NZE14738009934	8	279.3	3
MILWILLAH LAD E158	NJWE158	15	280.6	15
N BAR A2 ADMIRAL D57	DDSD57	15	281.3	21
NETHERTON MR RADER J527	UKI542697100527	13	285.6	47
PARINGA IRON ORE E27	HKFE27	21	277.1	1
PATHFINDER TOTAL E34	SMPE34	19	284.4	45
RENNYLEA EDMUND E11	NORE11	22	280.1	10
STORTH OAKS BEYOND INFINITY E3	NZE19507009E3	14	281.0	19
STRATHTAY STRUT F55	WJYF55	13	283.4	39
TALOOBY EMPEROR E55	NPGE55	14	284.0	43
TANGIHAU 672	NZE16883007672	32	281.9	27

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 2 - Gestation Length (days)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
TE MANIA EARL GREY E25	VTME25	27	278.6	2
TE MANIA QUANTUM 09 490	NZE16932009490	11	283.4	39
THE GLEN CAVALIER F020 F20	GMJF20	18	279.3	3
TOTARANUI 825	NZE12922008825	17	280.6	15
TUWHARETOA DIPLOMAT D106	BNAD106	9	282.4	31
TWYNAM D154	NXTD154	15	283.5	42
WAITANGI D213	NZE18954008D213	11	279.3	3
WATTLETOP ANDY E236	NWPE236	25	284.2	44
WATTLETOP SITZ 458N E111	NWPE111	25	280.4	12

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 2 - 200 Day Weight (kg)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
ABBOTT PERFORMER E32	ESTE32	28	232.8	3
ABERDEEN ESTATE EXCITE E21	AHWE21	17	223.2	17
ANVIL ENFORCER E183	HBUE183	27	223.9	14
ARDROSSAN EXACT E162	NAQE162	23	221.5	20
ARDROSSAN FAIRFAX F21	NAQF21	22	211.0	45
AYRVALE BARTEL E7	HIOE7	33	217.3	32
BALD BLAIR HIGHLANDER C126	NBBC126	29	220.0	23
BANNABY HYTIME E1	ECME1	34	226.4	9
BONGONGO E617	NGXE617	24	204.3	47
BOOROOMOOKA EARTHWATCH E468	NGME468	32	217.4	30
BOOROOMOOKA INSPIRED E124	NGME124	19	213.1	42
BOOROOMOOKA SO YOU THINK E184	NGME184	29	233.5	2
CLUNIE RANGE FERRARI F318	NBHF318	28	230.0	5
CONNEALY SENSATION 964	USA16450113	27	217.5	29
COOLANA AFRICA E38	VCCE38	21	221.6	19
COOLANA INFINITY E56	VCCE56	23	226.9	8
DUNOON EVIDENT E614	BHRE614	24	228.5	6
ESSLEMONT F4	WWEF4	25	213.6	41
GILMANDYKE ELWOOD E0151	EUDE0151	26	217.4	30
GLENOCH ETHAN E142	QBGE142	26	218.3	28
KAHARAU CLASS 790	NZE17683004790	21	215.3	38
KAIWARA 440	NZE13144008440	25	221.1	21
LANDFALL ADMIRAL E459	TFAE459	25	220.0	23
LANDFALL INFINITY E1	TFAE1	32	218.9	27
LAWSONS NADAL E398	VLYE398	24	228.2	7
LAWSONS NOVAK E313	VLYE313	16	219.2	26
MATONI RIGHT TIME D240	EEHD240	19	212.9	43
MERCHISTON EXPEDITION 934	NZE14738009934	24	224.5	11
MILWILLAH LAD E158	NJWE158	19	223.5	16
N BAR A2 ADMIRAL D57	DDSD57	17	232.2	4
NETHERTON MR RADER J527	UKI542697100527	19	215.6	36
PARINGA IRON ORE E27	HKFE27	26	211.0	45
PATHFINDER TOTAL E34	SMPE34	26	239.7	1
RENNYLEA EDMUND E11	NORE11	30	215.0	40
STORTH OAKS BEYOND INFINITY E3	NZE19507009E3	20	220.4	22
STRATHTAY STRUT F55	WJYF55	19	223.9	14
TALOOBY EMPEROR E55	NPGE55	18	224.1	13
TANGIHAU 672	NZE16883007672	40	215.3	38

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 2 - 200 Day Weight (kg)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
TE MANIA EARL GREY E25	VTME25	36	212.5	44
TE MANIA QUANTUM 09 490	NZE16932009490	16	223.2	17
THE GLEN CAVALIER F020 F20	GMJF20	20	215.6	36
TOTARANUI 825	NZE12922008825	24	219.4	25
TUWHARETOA DIPLOMAT D106	BNAD106	23	216.0	34
TWYNAM D154	NXTD154	20	215.7	35
WAITANGI D213	NZE18954008D213	20	224.8	10
WATTLETOP ANDY E236	NWPE236	29	224.3	12
WATTLETOP SITZ 458N E111	NWPE111	30	216.8	33

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 2 - 400 Day Weight (kg)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
ABBOTT PERFORMER E32	ESTE32	13	340.5	4
ABERDEEN ESTATE EXCITE E21	AHWE21	12	328.8	21
ANVIL ENFORCER E183	HBUE183	12	321.6	34
ARDROSSAN EXACT E162	NAQE162	12	335.2	8
ARDROSSAN FAIRFAX F21	NAQF21	10	307.6	45
AYRVALE BARTEL E7	HIOE7	21	328.0	22
BALD BLAIR HIGHLANDER C126	NBBC126	15	333.9	12
BANNABY HYTIME E1	ECME1	21	336.0	7
BONGONGO E617	NGXE617	13	315.1	42
BOOROOMOOKA EARTHWATCH E468	NGME468	19	318.9	39
BOOROOMOOKA INSPIRED E124	NGME124	9	319.6	37
BOOROOMOOKA SO YOU THINK E184	NGME184	17	334.5	10
CLUNIE RANGE FERRARI F318	NBHF318	11	330.5	17
CONNEALY SENSATION 964	USA16450113	17	318.5	40
COOLANA AFRICA E38	VCCE38	12	344.6	2
COOLANA INFINITY E56	VCCE56	13	324.3	27
DUNOON EVIDENT E614	BHRE614	15	331.4	15
ESSLEMONT F4	WWEF4	13	332.0	14
GILMANDYKE ELWOOD E0151	EUDE0151	13	324.6	26
GLENOCH ETHAN E142	QBGE142	17	323.4	30
KAHARAU CLASS 790	NZE17683004790	16	310.4	43
KAIWARA 440	NZE13144008440	20	334.8	9
LANDFALL ADMIRAL E459	TFAE459	15	333.6	13
LANDFALL INFINITY E1	TFAE1	18	329.4	19
LAWSONS NADAL E398	VLYE398	15	325.8	25
LAWSONS NOVAK E313	VLYE313	4	329.2	20
MATONI RIGHT TIME D240	EEHD240	13	322.6	32
MERCHISTON EXPEDITION 934	NZE14738009934	12	337.1	6
MILWILLAH LAD E158	NJWE158	9	330.6	16
N BAR A2 ADMIRAL D57	DDSD57	11	334.0	11
NETHERTON MR RADER J527	UKI542697100527	9	326.6	24
PARINGA IRON ORE E27	HKFE27	16	315.7	41
PATHFINDER TOTAL E34	SMPE34	17	347.4	1
RENNYLEA EDMUND E11	NORE11	21	321.7	33
STORTH OAKS BEYOND INFINITY E3	NZE19507009E3	10	324.3	27
STRATHTAY STRUT F55	WJYF55	14	320.2	36
TALOOBY EMPEROR E55	NPGE55	13	323.2	31
TANGIHAU 672	NZE16883007672	23	303.8	47

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 2 - 400 Day Weight (kg)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
TE MANIA EARL GREY E25	VTME25	22	307.4	46
TE MANIA QUANTUM 09 490	NZE16932009490	7	308.5	44
THE GLEN CAVALIER F020 F20	GMJF20	12	324.2	29
TOTARANUI 825	NZE12922008825	13	319.0	38
TUWHARETOA DIPLOMAT D106	BNAD106	8	329.6	18
TWYNAM D154	NXTD154	12	320.3	35
WAITANGI D213	NZE18954008D213	8	341.8	3
WATTLETOP ANDY E236	NWPE236	19	338.3	5
WATTLETOP SITZ 458N E111	NWPE111	17	327.0	23

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 2 - 600 Day Weight (kg)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
ABBOTT PERFORMER E32	ESTE32	24	513.0	1
ABERDEEN ESTATE EXCITE E21	AHWE21	14	495.5	11
ANVIL ENFORCER E183	HBUE183	19	485.6	24
ARDROSSAN EXACT E162	NAQE162	19	487.0	19
ARDROSSAN FAIRFAX F21	NAQF21	15	462.1	45
AYRVALE BARTEL E7	HIOE7	27	489.4	17
BALD BLAIR HIGHLANDER C126	NBBC126	19	487.0	19
BANNABY HYTIME E1	ECME1	28	495.0	12
BONGONGO E617	NGXE617	19	471.1	40
BOOROOMOOKA EARTHWATCH E468	NGME468	24	479.3	33
BOOROOMOOKA INSPIRED E124	NGME124	16	459.6	46
BOOROOMOOKA SO YOU THINK E184	NGME184	22	500.1	6
CLUNIE RANGE FERRARI F318	NBHF318	21	484.1	28
CONNEALY SENSATION 964	USA16450113	20	476.0	35
COOLANA AFRICA E38	VCCE38	17	497.1	9
COOLANA INFINITY E56	VCCE56	21	486.1	22
DUNOON EVIDENT E614	BHRE614	18	489.6	16
ESSLEMONT F4	WWEF4	17	480.5	31
GILMANDYKE ELWOOD E0151	EUDE0151	19	475.0	38
GLENOCH ETHAN E142	QBGE142	21	475.7	36
KAHARAU CLASS 790	NZE17683004790	16	462.9	44
KAIWARA 440	NZE13144008440	19	500.4	5
LANDFALL ADMIRAL E459	TFAE459	18	505.4	2
LANDFALL INFINITY E1	TFAE1	26	484.2	27
LAWSONS NADAL E398	VLYE398	20	490.8	14
LAWSONS NOVAK E313	VLYE313	13	483.9	29
MATONI RIGHT TIME D240	EEHD240	13	470.4	42
MERCHISTON EXPEDITION 934	NZE14738009934	15	502.9	4
MILWILLAH LAD E158	NJWE158	17	485.5	25
N BAR A2 ADMIRAL D57	DDSD57	13	498.2	8
NETHERTON MR RADER J527	UKI542697100527	17	466.7	43
PARINGA IRON ORE E27	HKFE27	24	471.1	40
PATHFINDER TOTAL E34	SMPE34	23	504.1	3
RENNYLEA EDMUND E11	NORE11	28	477.1	34
STORTH OAKS BEYOND INFINITY E3	NZE19507009E3	16	484.3	26
STRATHTAY STRUT F55	WJYF55	12	490.6	15
TALOOBY EMPEROR E55	NPGE55	15	486.0	23
TANGIHAU 672	NZE16883007672	31	450.6	47

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 2 - 600 Day Weight (kg)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
TE MANIA EARL GREY E25	VTME25	27	473.8	39
TE MANIA QUANTUM 09 490	NZE16932009490	13	480.3	32
THE GLEN CAVALIER F020 F20	GMJF20	18	475.3	37
TOTARANUI 825	NZE12922008825	18	486.2	21
TUWHARETOA DIPLOMAT D106	BNAD106	15	492.2	13
TWYNAM D154	NXTD154	16	482.0	30
WAITANGI D213	NZE18954008D213	17	496.9	10
WATTLETOP ANDY E236	NWPE236	23	498.7	7
WATTLETOP SITZ 458N E111	NWPE111	28	489.3	18

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 2 - Days to Calving (heifers) (days)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
ABBOTT PERFORMER E32	ESTE32	7	304.9	30
ABERDEEN ESTATE EXCITE E21	AHWE21	6	317.9	42
ANVIL ENFORCER E183	HBUE183	5	307.2	32
ARDROSSAN EXACT E162	NAQE162	5	300.3	18
ARDROSSAN FAIRFAX F21	NAQF21	3	333.7	46
AYRVALE BARTEL E7	HIOE7	8	294.9	9
BALD BLAIR HIGHLANDER C126	NBBC126	3	345.5	47
BANNABY HYTIME E1	ECME1	7	302.7	25
BONGONGO E617	NGXE617	6	296.9	12
BOOROOMOOKA EARTHWATCH E468	NGME468	9	315.4	39
BOOROOMOOKA INSPIRED E124	NGME124	2	285.7	1
BOOROOMOOKA SO YOU THINK E184	NGME184	9	301.6	20
CLUNIE RANGE FERRARI F318	NBHF318	4	302.2	21
CONNEALY SENSATION 964	USA16450113	8	305.0	31
COOLANA AFRICA E38	VCCE38	7	298.2	15
COOLANA INFINITY E56	VCCE56	8	315.4	39
DUNOON EVIDENT E614	BHRE614	5	300.6	19
ESSLEMONT F4	WWEF4	5	302.5	24
GILMANDYKE ELWOOD E0151	EUDE0151	10	310.1	35
GLENOCH ETHAN E142	QBGE142	9	303.0	26
KAHARAU CLASS 790	NZE17683004790	8	294.7	8
KAIWARA 440	NZE13144008440	7	300.2	17
LANDFALL ADMIRAL E459	TFAE459	8	292.8	7
LANDFALL INFINITY E1	TFAE1	8	315.2	38
LAWSONS NADAL E398	VLYE398	7	296.5	11
LAWSONS NOVAK E313	VLYE313	3	304.5	29
MATONI RIGHT TIME D240	EEHD240	7	316.2	41
MERCHISTON EXPEDITION 934	NZE14738009934	5	304.0	28
MILWILLAH LAD E158	NJWE158	5	297.7	13
N BAR A2 ADMIRAL D57	DDSD57	4	303.7	27
NETHERTON MR RADER J527	UKI542697100527	6	322.7	45
PARINGA IRON ORE E27	HKFE27	10	292.7	5
PATHFINDER TOTAL E34	SMPE34	4	287.6	2
RENNYLEA EDMUND E11	NORE11	6	298.3	16
STORTH OAKS BEYOND INFINITY E3	NZE19507009E3	1	287.8	3
STRATHTAY STRUT F55	WJYF55	4	295.6	10
TALOOBY EMPEROR E55	NPGE55	7	307.8	33
TANGIHAU 672	NZE16883007672	12	297.9	14

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 2 - Days to Calving (heifers) (days)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
TE MANIA EARL GREY E25	VTME25	11	309.8	34
TE MANIA QUANTUM 09 490	NZE16932009490	4	302.4	22
THE GLEN CAVALIER F020 F20	GMJF20	5	289.6	4
TOTARANUI 825	NZE12922008825	5	321.3	43
TUWHARETOA DIPLOMAT D106	BNAD106	1	302.4	22
TWYNAM D154	NXTD154	8	292.7	5
WAITANGI D213	NZE18954008D213	5	314.4	37
WATTLETOP ANDY E236	NWPE236	14	321.3	43
WATTLETOP SITZ 458N E111	NWPE111	16	313.9	36

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 2 - Scan EMA (sq cm)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
ABBOTT PERFORMER E32	ESTE32	28	60.0	17
ABERDEEN ESTATE EXCITE E21	AHWE21	16	59.6	25
ANVIL ENFORCER E183	HBUE183	25	60.3	11
ARDROSSAN EXACT E162	NAQE162	22	59.8	19
ARDROSSAN FAIRFAX F21	NAQF21	20	57.4	43
AYRVALE BARTEL E7	HIOE7	30	60.8	6
BALD BLAIR HIGHLANDER C126	NBBC126	25	56.7	44
BANNABY HYTIME E1	ECME1	33	60.5	8
BONGONGO E617	NGXE617	21	58.7	33
BOOROOMOOKA EARTHWATCH E468	NGME468	27	60.5	8
BOOROOMOOKA INSPIRED E124	NGME124	18	59.7	23
BOOROOMOOKA SO YOU THINK E184	NGME184	24	57.9	40
CLUNIE RANGE FERRARI F318	NBHF318	26	60.2	12
CONNEALY SENSATION 964	USA16450113	25	59.0	30
COOLANA AFRICA E38	VCCE38	19	60.1	15
COOLANA INFINITY E56	VCCE56	23	60.1	15
DUNOON EVIDENT E614	BHRE614	18	62.4	1
ESSLEMONT F4	WWEF4	23	58.8	32
GILMANDYKE ELWOOD E0151	EUDE0151	23	57.9	40
GLENOCH ETHAN E142	QBGE142	23	59.2	29
KAHARAU CLASS 790	NZE17683004790	18	58.0	38
KAIWARA 440	NZE13144008440	20	59.8	19
LANDFALL ADMIRAL E459	TFAE459	22	58.9	31
LANDFALL INFINITY E1	TFAE1	28	58.4	36
LAWSONS NADAL E398	VLYE398	23	60.6	7
LAWSONS NOVAK E313	VLYE313	16	58.5	35
MATONI RIGHT TIME D240	EEHD240	18	59.6	25
MERCHISTON EXPEDITION 934	NZE14738009934	24	59.8	19
MILWILLAH LAD E158	NJWE158	19	60.2	12
N BAR A2 ADMIRAL D57	DDSD57	14	61.3	5
NETHERTON MR RADER J527	UKI542697100527	18	59.3	28
PARINGA IRON ORE E27	HKFE27	25	60.0	17
PATHFINDER TOTAL E34	SMPE34	23	61.8	3
RENNYLEA EDMUND E11	NORE11	29	57.6	42
STORTH OAKS BEYOND INFINITY E3	NZE19507009E3	18	61.5	4
STRATHTAY STRUT F55	WJYF55	16	59.8	19
TALOOBY EMPEROR E55	NPGE55	17	55.1	46
TANGIHAU 672	NZE16883007672	35	54.4	47

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 2 - Scan EMA (sq cm)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
TE MANIA EARL GREY E25	VTME25	32	59.7	23
TE MANIA QUANTUM 09 490	NZE16932009490	14	58.4	36
THE GLEN CAVALIER F020 F20	GMJF20	20	60.5	8
TOTARANUI 825	NZE12922008825	21	58.0	38
TUWHARETOA DIPLOMAT D106	BNAD106	20	62.4	1
TWYNAM D154	NXTD154	19	60.2	12
WAITANGI D213	NZE18954008D213	19	58.6	34
WATTLETOP ANDY E236	NWPE236	26	56.4	45
WATTLETOP SITZ 458N E111	NWPE111	29	59.5	27

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 2 - Scan Rib Fat (mm)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
ABBOTT PERFORMER E32	ESTE32	28	5.6	7
ABERDEEN ESTATE EXCITE E21	AHWE21	15	6.0	1
ANVIL ENFORCER E183	HBUE183	25	4.9	24
ARDROSSAN EXACT E162	NAQE162	22	5.0	21
ARDROSSAN FAIRFAX F21	NAQF21	20	5.0	21
AYRVALE BARTEL E7	HIOE7	30	5.9	2
BALD BLAIR HIGHLANDER C126	NBBC126	10	5.2	12
BANNABY HYTIME E1	ECME1	33	4.9	24
BONGONGO E617	NGXE617	21	5.8	3
BOOROOMOOKA EARTHWATCH E468	NGME468	27	5.2	12
BOOROOMOOKA INSPIRED E124	NGME124	18	4.9	24
BOOROOMOOKA SO YOU THINK E184	NGME184	24	4.4	41
CLUNIE RANGE FERRARI F318	NBHF318	26	5.1	15
CONNEALY SENSATION 964	USA16450113	25	4.9	24
COOLANA AFRICA E38	VCCE38	19	4.5	39
COOLANA INFINITY E56	VCCE56	23	4.6	36
DUNOON EVIDENT E614	BHRE614	17	4.3	43
ESSLEMONT F4	WWEF4	23	5.3	11
GILMANDYKE ELWOOD E0151	EUDE0151	23	4.3	43
GLENOCH ETHAN E142	QBGE142	22	5.1	15
KAHARAU CLASS 790	NZE17683004790	18	4.2	46
KAIWARA 440	NZE13144008440	20	5.0	21
LANDFALL ADMIRAL E459	TFAE459	22	4.4	41
LANDFALL INFINITY E1	TFAE1	28	4.5	39
LAWSONS NADAL E398	VLYE398	23	5.2	12
LAWSONS NOVAK E313	VLYE313	16	4.6	36
MATONI RIGHT TIME D240	EEHD240	18	4.8	32
MERCHISTON EXPEDITION 934	NZE14738009934	12	4.9	24
MILWILLAH LAD E158	NJWE158	19	4.7	34
N BAR A2 ADMIRAL D57	DDSD57	14	5.1	15
NETHERTON MR RADER J527	UKI542697100527	17	4.7	34
PARINGA IRON ORE E27	HKFE27	25	5.1	15
PATHFINDER TOTAL E34	SMPE34	23	5.1	15
RENNYLEA EDMUND E11	NORE11	27	5.5	9
STORTH OAKS BEYOND INFINITY E3	NZE19507009E3	18	5.8	3
STRATHTAY STRUT F55	WJYF55	11	3.9	47
TALOOBY EMPEROR E55	NPGE55	17	4.9	24
TANGIHAU 672	NZE16883007672	35	4.3	43

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 2 - Scan Rib Fat (mm)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
TE MANIA EARL GREY E25	VTME25	32	5.6	7
TE MANIA QUANTUM 09 490	NZE16932009490	14	4.9	24
THE GLEN CAVALIER F020 F20	GMJF20	20	4.6	36
TOTARANUI 825	NZE12922008825	21	5.4	10
TUWHARETOA DIPLOMAT D106	BNAD106	10	5.8	3
TWYNAM D154	NXTD154	19	5.1	15
WAITANGI D213	NZE18954008D213	19	5.8	3
WATTLETOP ANDY E236	NWPE236	26	4.8	32
WATTLETOP SITZ 458N E111	NWPE111	29	4.9	24

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 2 - Scan Rump Fat (mm)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
ABBOTT PERFORMER E32	ESTE32	28	6.1	26
ABERDEEN ESTATE EXCITE E21	AHWE21	16	7.0	9
ANVIL ENFORCER E183	HBUE183	25	6.3	20
ARDROSSAN EXACT E162	NAQE162	22	7.1	6
ARDROSSAN FAIRFAX F21	NAQF21	20	6.3	20
AYRVALE BARTEL E7	HIOE7	30	7.4	3
BALD BLAIR HIGHLANDER C126	NBBC126	10	6.6	13
BANNABY HYTIME E1	ECME1	33	6.6	13
BONGONGO E617	NGXE617	21	6.4	19
BOOROOMOOKA EARTHWATCH E468	NGME468	27	5.8	37
BOOROOMOOKA INSPIRED E124	NGME124	18	6.2	23
BOOROOMOOKA SO YOU THINK E184	NGME184	24	5.6	42
CLUNIE RANGE FERRARI F318	NBHF318	26	6.8	12
CONNEALY SENSATION 964	USA16450113	25	5.7	39
COOLANA AFRICA E38	VCCE38	18	5.6	42
COOLANA INFINITY E56	VCCE56	23	6.1	26
DUNOON EVIDENT E614	BHRE614	18	6.0	31
ESSLEMONT F4	WWEF4	22	6.6	13
GILMANDYKE ELWOOD E0151	EUDE0151	22	5.7	39
GLENOCH ETHAN E142	QBGE142	23	7.2	4
KAHARAU CLASS 790	NZE17683004790	18	5.9	34
KAIWARA 440	NZE13144008440	20	7.1	6
LANDFALL ADMIRAL E459	TFAE459	22	5.8	37
LANDFALL INFINITY E1	TFAE1	28	5.9	34
LAWSONS NADAL E398	VLYE398	23	6.6	13
LAWSONS NOVAK E313	VLYE313	16	5.6	42
MATONI RIGHT TIME D240	EEHD240	18	5.7	39
MERCHISTON EXPEDITION 934	NZE14738009934	12	6.3	20
MILWILLAH LAD E158	NJWE158	19	5.9	34
N BAR A2 ADMIRAL D57	DDSD57	14	6.1	26
NETHERTON MR RADER J527	UKI542697100527	18	6.0	31
PARINGA IRON ORE E27	HKFE27	25	6.6	13
PATHFINDER TOTAL E34	SMPE34	24	6.0	31
RENNYLEA EDMUND E11	NORE11	28	7.1	6
STORTH OAKS BEYOND INFINITY E3	NZE19507009E3	17	8.2	1
STRATHTAY STRUT F55	WJYF55	11	4.5	47
TALOOBY EMPEROR E55	NPGE55	16	6.1	26
TANGIHAU 672	NZE16883007672	35	5.6	42

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 2 - Scan Rump Fat (mm)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
TE MANIA EARL GREY E25	VTME25	32	7.2	4
TE MANIA QUANTUM 09 490	NZE16932009490	13	6.5	18
THE GLEN CAVALIER F020 F20	GMJF20	20	5.5	46
TOTARANUI 825	NZE12922008825	21	7.0	9
TUWHARETOA DIPLOMAT D106	BNAD106	10	7.0	9
TWYNAM D154	NXTD154	19	6.2	23
WAITANGI D213	NZE18954008D213	18	7.7	2
WATTLETOP ANDY E236	NWPE236	26	6.2	23
WATTLETOP SITZ 458N E111	NWPE111	29	6.1	26

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 2 - Scan IMF (%)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
ABBOTT PERFORMER E32	ESTE32	28	3.9	40
ABERDEEN ESTATE EXCITE E21	AHWE21	16	4.9	1
ANVIL ENFORCER E183	HBUE183	25	4.1	26
ARDROSSAN EXACT E162	NAQE162	22	4.1	26
ARDROSSAN FAIRFAX F21	NAQF21	20	3.3	47
AYRVALE BARTEL E7	HIOE7	30	4.6	3
BALD BLAIR HIGHLANDER C126	NBBC126	25	4.2	23
BANNABY HYTIME E1	ECME1	33	4.6	3
BONGONGO E617	NGXE617	21	4.5	10
BOOROOMOOKA EARTHWATCH E468	NGME468	27	4.1	26
BOOROOMOOKA INSPIRED E124	NGME124	18	4.6	3
BOOROOMOOKA SO YOU THINK E184	NGME184	24	4.3	19
CLUNIE RANGE FERRARI F318	NBHF318	26	4.4	15
CONNEALY SENSATION 964	USA16450113	25	4.0	34
COOLANA AFRICA E38	VCCE38	19	4.1	26
COOLANA INFINITY E56	VCCE56	23	4.5	10
DUNOON EVIDENT E614	BHRE614	18	4.8	2
ESSLEMONT F4	WWEF4	23	4.6	3
GILMANDYKE ELWOOD E0151	EUDE0151	23	3.9	40
GLENOCH ETHAN E142	QBGE142	23	4.4	15
KAHARAU CLASS 790	NZE17683004790	18	3.8	42
KAIWARA 440	NZE13144008440	20	4.6	3
LANDFALL ADMIRAL E459	TFAE459	22	4.1	26
LANDFALL INFINITY E1	TFAE1	28	3.8	42
LAWSONS NADAL E398	VLYE398	23	4.5	10
LAWSONS NOVAK E313	VLYE313	16	4.5	10
MATONI RIGHT TIME D240	EEHD240	18	4.0	34
MERCHISTON EXPEDITION 934	NZE14738009934	24	4.0	34
MILWILLAH LAD E158	NJWE158	19	4.2	23
N BAR A2 ADMIRAL D57	DDSD57	14	4.5	10
NETHERTON MR RADER J527	UKI542697100527	18	4.0	34
PARINGA IRON ORE E27	HKFE27	25	4.3	19
PATHFINDER TOTAL E34	SMPE34	24	4.3	19
RENNYLEA EDMUND E11	NORE11	29	4.4	15
STORTH OAKS BEYOND INFINITY E3	NZE19507009E3	18	4.6	3
STRATHTAY STRUT F55	WJYF55	16	4.0	34
TALOOBY EMPEROR E55	NPGE55	17	3.8	42
TANGIHAU 672	NZE16883007672	35	3.5	46

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 2 - Scan IMF (%)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
TE MANIA EARL GREY E25	VTME25	32	4.3	19
TE MANIA QUANTUM 09 490	NZE16932009490	14	4.1	26
THE GLEN CAVALIER F020 F20	GMJF20	20	3.8	42
TOTARANUI 825	NZE12922008825	21	4.1	26
TUWHARETOA DIPLOMAT D106	BNAD106	20	4.6	3
TWYNAM D154	NXTD154	19	4.0	34
WAITANGI D213	NZE18954008D213	19	4.1	26
WATTLETOP ANDY E236	NWPE236	26	4.2	23
WATTLETOP SITZ 458N E111	NWPE111	29	4.4	15

Angus Sire Benchmarking Program - Progeny Performance Report

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
BALD BLAIR HIGHLANDER C126	NBBC126	3	449.1	13
BANNABY HYTIME E1	ECME1	21	449.2	12
BONGONGO E617	NGXE617	11	443.6	21
BOOROOMOOKA EARTHWATCH E468	NGME468	13	419.8	44
BOOROOMOOKA INSPIRED E124	NGME124	10	441.5	24
BOOROOMOOKA SO YOU THINK E184	NGME184	11	415.3	46
CLUNIE RANGE FERRARI F318	NBHF318	13	452.2	8
CONNEALY SENSATION 964	USA16450113	8	443.6	21
COOLANA AFRICA E38	VCCE38	8	430.3	37
COOLANA INFINITY E56	VCCE56	11	452.1	9
DUNOON EVIDENT E614	BHRE614	10	436.5	31
ESSLEMONT F4	WWEF4	12	425.1	40
GILMANDYKE ELWOOD E0151	EUDE0151	9	446.6	17
GLENOCH ETHAN E142	QBGE142	11	435.4	33
KAHARAU CLASS 790	NZE17683004790	8	417.0	45
KAIWARA 440	NZE13144008440	10	455.8	4
LANDFALL ADMIRAL E459	TFAE459	9	463.9	2
LANDFALL INFINITY E1	TFAE1	15	436.2	32
LAWSONS NADAL E398	VLYE398	11	442.1	23
LAWSONS NOVAK E313	VLYE313	10	439.6	27
MATONI RIGHT TIME D240	EEHD240	4	421.7	43
MERCHISTON EXPEDITION 934	NZE14738009934	3	443.7	20
MILWILLAH LAD E158	NJWE158	11	434.9	34
N BAR A2 ADMIRAL D57	DDSD57	7	453.2	6
NETHERTON MR RADER J527	UKI542697100527	11	422.5	42
PARINGA IRON ORE E27	HKFE27	14	445.9	18
PATHFINDER TOTAL E34	SMPE34	17	441.1	25
RENNYLEA EDMUND E11	NORE11	18	433.0	35
STORTH OAKS BEYOND INFINITY E3	NZE19507009E3	14	426.5	39
STRATHTAY STRUT F55	WJYF55	7	440.9	26
TALOOBY EMPEROR E55	NPGE55	6	437.8	28
TANGIHAU 672	NZE16883007672	18	409.4	47

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 2 - Carcase Weight (kg)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
TE MANIA EARL GREY E25	VTME25	15	432.7	36
TE MANIA QUANTUM 09 490	NZE16932009490	8	456.1	3
THE GLEN CAVALIER F020 F20	GMJF20	12	423.8	41
TOTARANUI 825	NZE12922008825	13	437.1	30
TUWHARETOA DIPLOMAT D106	BNAD106	8	446.9	16
TWYNAM D154	NXTD154	6	449.1	13
WAITANGI D213	NZE18954008D213	12	451.3	10
WATTLETOP ANDY E236	NWPE236	7	426.6	38
WATTLETOP SITZ 458N E111	NWPE111	10	447.3	15

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 2 - Carcase EMA (sq cm)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
ABBOTT PERFORMER E32	ESTE32	17	78.8	39
ABERDEEN ESTATE EXCITE E21	AHWE21	7	82.1	22
ANVIL ENFORCER E183	HBUE183	14	81.6	25
ARDROSSAN EXACT E162	NAQE162	12	78.2	43
ARDROSSAN FAIRFAX F21	NAQF21	9	79.0	37
AYRVALE BARTEL E7	HIOE7	17	82.5	19
BALD BLAIR HIGHLANDER C126	NBBC126	3	83.1	16
BANNABY HYTIME E1	ECME1	21	84.6	9
BONGONGO E617	NGXE617	11	78.4	41
BOOROOMOOKA EARTHWATCH E468	NGME468	12	80.2	33
BOOROOMOOKA INSPIRED E124	NGME124	10	80.8	28
BOOROOMOOKA SO YOU THINK E184	NGME184	11	76.8	47
CLUNIE RANGE FERRARI F318	NBHF318	13	82.2	21
CONNEALY SENSATION 964	USA16450113	8	83.9	12
COOLANA AFRICA E38	VCCE38	8	82.1	22
COOLANA INFINITY E56	VCCE56	11	78.3	42
DUNOON EVIDENT E614	BHRE614	10	86.6	6
ESSLEMONT F4	WWEF4	12	80.6	30
GILMANDYKE ELWOOD E0151	EUDE0151	9	78.9	38
GLENOCH ETHAN E142	QBGE142	11	81.7	24
KAHARAU CLASS 790	NZE17683004790	8	89.2	2
KAIWARA 440	NZE13144008440	10	77.4	45
LANDFALL ADMIRAL E459	TFAE459	9	80.2	33
LANDFALL INFINITY E1	TFAE1	15	82.3	20
LAWSONS NADAL E398	VLYE398	11	87.0	5
LAWSONS NOVAK E313	VLYE313	10	83.0	17
MATONI RIGHT TIME D240	EEHD240	4	82.6	18
MERCHISTON EXPEDITION 934	NZE14738009934	3	78.5	40
MILWILLAH LAD E158	NJWE158	11	88.4	3
N BAR A2 ADMIRAL D57	DDSD57	7	81.5	26
NETHERTON MR RADER J527	UKI542697100527	10	84.3	10
PARINGA IRON ORE E27	HKFE27	14	80.3	32
PATHFINDER TOTAL E34	SMPE34	17	88.2	4
RENNYLEA EDMUND E11	NORE11	17	84.0	11
STORTH OAKS BEYOND INFINITY E3	NZE19507009E3	14	83.5	14
STRATHTAY STRUT F55	WJYF55	7	85.5	8
TALOOBY EMPEROR E55	NPGE55	6	80.2	33
TANGIHAU 672	NZE16883007672	18	79.4	36

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 2 - Carcase EMA (sq cm)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
TE MANIA EARL GREY E25	VTME25	15	85.9	7
TE MANIA QUANTUM 09 490	NZE16932009490	8	77.3	46
THE GLEN CAVALIER F020 F20	GMJF20	12	83.7	13
TOTARANUI 825	NZE12922008825	13	80.7	29
TUWHARETOA DIPLOMAT D106	BNAD106	8	81.1	27
TWYNAM D154	NXTD154	6	95.4	1
WAITANGI D213	NZE18954008D213	12	80.4	31
WATTLETOP ANDY E236	NWPE236	6	77.9	44
WATTLETOP SITZ 458N E111	NWPE111	10	83.4	15

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 2 - Carcase Rump Fat (mm)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
ABBOTT PERFORMER E32	ESTE32	17	19.5	20
ABERDEEN ESTATE EXCITE E21	AHWE21	7	21.3	9
ANVIL ENFORCER E183	HBUE183	14	18.9	25
ARDROSSAN EXACT E162	NAQE162	12	21.0	11
ARDROSSAN FAIRFAX F21	NAQF21	10	24.1	3
AYRVALE BARTEL E7	HIOE7	17	20.6	15
BALD BLAIR HIGHLANDER C126	NBBC126	12	23.6	4
BANNABY HYTIME E1	ECME1	21	18.0	34
BONGONGO E617	NGXE617	12	18.2	33
BOOROOMOOKA EARTHWATCH E468	NGME468	13	17.9	35
BOOROOMOOKA INSPIRED E124	NGME124	11	21.8	7
BOOROOMOOKA SO YOU THINK E184	NGME184	11	17.0	39
CLUNIE RANGE FERRARI F318	NBHF318	16	20.5	16
CONNEALY SENSATION 964	USA16450113	8	17.5	37
COOLANA AFRICA E38	VCCE38	9	18.9	25
COOLANA INFINITY E56	VCCE56	12	18.9	25
DUNOON EVIDENT E614	BHRE614	11	20.7	14
ESSLEMONT F4	WWEF4	12	20.0	18
GILMANDYKE ELWOOD E0151	EUDE0151	9	19.3	21
GLENOCH ETHAN E142	QBGE142	11	24.5	2
KAHARAU CLASS 790	NZE17683004790	8	18.7	30
KAIWARA 440	NZE13144008440	10	20.9	12
LANDFALL ADMIRAL E459	TFAE459	9	18.3	32
LANDFALL INFINITY E1	TFAE1	15	16.7	40
LAWSONS NADAL E398	VLYE398	11	18.8	29
LAWSONS NOVAK E313	VLYE313	10	16.5	42
MATONI RIGHT TIME D240	EEHD240	4	17.8	36
MERCHISTON EXPEDITION 934	NZE14738009934	7	16.6	41
MILWILLAH LAD E158	NJWE158	11	15.4	47
N BAR A2 ADMIRAL D57	DDSD57	7	15.6	45
NETHERTON MR RADER J527	UKI542697100527	11	16.5	42
PARINGA IRON ORE E27	HKFE27	14	20.8	13
PATHFINDER TOTAL E34	SMPE34	17	17.3	38
RENNYLEA EDMUND E11	NORE11	20	19.1	23
STORTH OAKS BEYOND INFINITY E3	NZE19507009E3	14	21.3	9
STRATHTAY STRUT F55	WJYF55	8	16.1	44
TALOOBY EMPEROR E55	NPGE55	7	21.4	8
TANGIHAU 672	NZE16883007672	18	19.9	19

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 2 - Carcase Rump Fat (mm)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
TE MANIA EARL GREY E25	VTME25	16	23.0	5
TE MANIA QUANTUM 09 490	NZE16932009490	8	25.4	1
THE GLEN CAVALIER F020 F20	GMJF20	12	15.5	46
TOTARANUI 825	NZE12922008825	13	20.2	17
TUWHARETOA DIPLOMAT D106	BNAD106	12	18.7	30
TWYNAM D154	NXTD154	6	19.2	22
WAITANGI D213	NZE18954008D213	12	21.9	6
WATTLETOP ANDY E236	NWPE236	7	19.1	23
WATTLETOP SITZ 458N E111	NWPE111	10	18.9	25

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 2 - Carcase Rib Fat (mm)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
ABBOTT PERFORMER E32	ESTE32	17	15.5	10
ABERDEEN ESTATE EXCITE E21	AHWE21	7	18.1	1
ANVIL ENFORCER E183	HBUE183	13	14.6	25
ARDROSSAN EXACT E162	NAQE162	12	14.7	22
ARDROSSAN FAIRFAX F21	NAQF21	10	16.7	6
AYRVALE BARTEL E7	HIOE7	16	13.8	32
BALD BLAIR HIGHLANDER C126	NBBC126	12	15.1	15
BANNABY HYTIME E1	ECME1	21	14.2	28
BONGONGO E617	NGXE617	12	17.1	4
BOOROOMOOKA EARTHWATCH E468	NGME468	12	13.3	36
BOOROOMOOKA INSPIRED E124	NGME124	11	13.1	39
BOOROOMOOKA SO YOU THINK E184	NGME184	10	15.2	13
CLUNIE RANGE FERRARI F318	NBHF318	16	13.9	30
CONNEALY SENSATION 964	USA16450113	8	15.0	18
COOLANA AFRICA E38	VCCE38	9	14.6	25
COOLANA INFINITY E56	VCCE56	12	12.9	42
DUNOON EVIDENT E614	BHRE614	11	13.3	36
ESSLEMONT F4	WWEF4	12	16.1	8
GILMANDYKE ELWOOD E0151	EUDE0151	9	12.7	43
GLENOCH ETHAN E142	QBGE142	11	18.0	2
KAHARAU CLASS 790	NZE17683004790	7	16.6	7
KAIWARA 440	NZE13144008440	10	15.2	13
LANDFALL ADMIRAL E459	TFAE459	9	13.3	36
LANDFALL INFINITY E1	TFAE1	15	13.1	39
LAWSONS NADAL E398	VLYE398	11	15.1	15
LAWSONS NOVAK E313	VLYE313	10	12.6	46
MATONI RIGHT TIME D240	EEHD240	4	14.7	22
MERCHISTON EXPEDITION 934	NZE14738009934	7	12.7	43
MILWILLAH LAD E158	NJWE158	11	13.1	39
N BAR A2 ADMIRAL D57	DDSD57	7	12.7	43
NETHERTON MR RADER J527	UKI542697100527	11	13.8	32
PARINGA IRON ORE E27	HKFE27	14	15.5	10
PATHFINDER TOTAL E34	SMPE34	17	13.9	30
RENNYLEA EDMUND E11	NORE11	19	15.8	9
STORTH OAKS BEYOND INFINITY E3	NZE19507009E3	14	14.5	27
STRATHTAY STRUT F55	WJYF55	8	12.1	47
TALOOBY EMPEROR E55	NPGE55	7	15.4	12
TANGIHAU 672	NZE16883007672	18	15.1	15

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 2 - Carcase Rib Fat (mm)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
TE MANIA EARL GREY E25	VTME25	16	17.0	5
TE MANIA QUANTUM 09 490	NZE16932009490	8	14.8	21
THE GLEN CAVALIER F020 F20	GMJF20	12	14.1	29
TOTARANUI 825	NZE12922008825	13	13.7	35
TUWHARETOA DIPLOMAT D106	BNAD106	12	14.7	22
TWYNAM D154	NXTD154	6	17.7	3
WAITANGI D213	NZE18954008D213	12	15.0	18
WATTLETOP ANDY E236	NWPE236	7	14.9	20
WATTLETOP SITZ 458N E111	NWPE111	9	13.8	32

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 2 - Carcase IMF (%)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
ABBOTT PERFORMER E32	ESTE32	17	8.7	30
ABERDEEN ESTATE EXCITE E21	AHWE21	6	9.5	25
ANVIL ENFORCER E183	HBUE183	14	8.5	33
ARDROSSAN EXACT E162	NAQE162	12	9.3	28
ARDROSSAN FAIRFAX F21	NAQF21	9	6.2	47
AYRVALE BARTEL E7	HIOE7	15	11.6	4
BALD BLAIR HIGHLANDER C126	NBBC126	3	8.5	33
BANNABY HYTIME E1	ECME1	21	10.8	8
BONGONGO E617	NGXE617	11	10.0	20
BOOROOMOOKA EARTHWATCH E468	NGME468	12	7.5	45
BOOROOMOOKA INSPIRED E124	NGME124	9	10.1	18
BOOROOMOOKA SO YOU THINK E184	NGME184	11	8.7	30
CLUNIE RANGE FERRARI F318	NBHF318	13	9.8	21
CONNEALY SENSATION 964	USA16450113	8	8.5	33
COOLANA AFRICA E38	VCCE38	8	11.1	6
COOLANA INFINITY E56	VCCE56	8	10.2	16
DUNOON EVIDENT E614	BHRE614	9	10.4	11
ESSLEMONT F4	WWEF4	12	10.2	16
GILMANDYKE ELWOOD E0151	EUDE0151	9	9.6	22
GLENOCH ETHAN E142	QBGE142	11	10.3	12
KAHARAU CLASS 790	NZE17683004790	7	8.5	33
KAIWARA 440	NZE13144008440	10	10.3	12
LANDFALL ADMIRAL E459	TFAE459	9	9.6	22
LANDFALL INFINITY E1	TFAE1	13	9.4	27
LAWSONS NADAL E398	VLYE398	11	8.7	30
LAWSONS NOVAK E313	VLYE313	10	11.6	4
MATONI RIGHT TIME D240	EEHD240	4	8.3	38
MERCHISTON EXPEDITION 934	NZE14738009934	3	8.8	29
MILWILLAH LAD E158	NJWE158	10	10.3	12
N BAR A2 ADMIRAL D57	DDSD57	7	12.4	1
NETHERTON MR RADER J527	UKI542697100527	11	7.7	42
PARINGA IRON ORE E27	HKFE27	13	10.3	12
PATHFINDER TOTAL E34	SMPE34	17	9.6	22
RENNYLEA EDMUND E11	NORE11	17	10.5	10
STORTH OAKS BEYOND INFINITY E3	NZE19507009E3	14	9.5	25
STRATHTAY STRUT F55	WJYF55	7	7.1	46
TALOOBY EMPEROR E55	NPGE55	5	7.6	44
TANGIHAU 672	NZE16883007672	18	8.4	37

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 2 - Carcase IMF (%)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
TE MANIA EARL GREY E25	VTME25	15	7.9	41
TE MANIA QUANTUM 09 490	NZE16932009490	8	12.0	3
THE GLEN CAVALIER F020 F20	GMJF20	12	8.1	39
TOTARANUI 825	NZE12922008825	13	8.1	39
TUWHARETOA DIPLOMAT D106	BNAD106	7	12.3	2
TWYNAM D154	NXTD154	6	10.1	18
WAITANGI D213	NZE18954008D213	11	7.7	42
WATTLETOP ANDY E236	NWPE236	6	11.1	6
WATTLETOP SITZ 458N E111	NWPE111	7	10.6	9

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 2 - Net Feed Intake (kg/day)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
ABBOTT PERFORMER E32	ESTE32	17	-1.3	33
ABERDEEN ESTATE EXCITE E21	AHWE21	7	-1.7	23
ANVIL ENFORCER E183	HBUE183	14	-1.2	40
ARDROSSAN EXACT E162	NAQE162	12	-2.5	3
ARDROSSAN FAIRFAX F21	NAQF21	10	-1.6	26
AYRVALE BARTEL E7	HIOE7	17	-1.3	33
BALD BLAIR HIGHLANDER C126	NBBC126	12	-1.3	33
BANNABY HYTIME E1	ECME1	21	-2.1	14
BONGONGO E617	NGXE617	13	-1.8	22
BOOROOMOOKA EARTHWATCH E468	NGME468	13	-2.1	14
BOOROOMOOKA INSPIRED E124	NGME124	11	-1.2	40
BOOROOMOOKA SO YOU THINK E184	NGME184	11	-2.4	4
CLUNIE RANGE FERRARI F318	NBHF318	17	-2.2	9
CONNEALY SENSATION 964	USA16450113	9	-1.6	26
COOLANA AFRICA E38	VCCE38	9	-1.9	18
COOLANA INFINITY E56	VCCE56	12	-0.3	47
DUNOON EVIDENT E614	BHRE614	11	-1.6	26
ESSLEMONT F4	WWEF4	12	-2.8	2
GILMANDYKE ELWOOD E0151	EUDE0151	9	-1.9	18
GLENOCH ETHAN E142	QBGE142	11	-1.1	42
KAHARAU CLASS 790	NZE17683004790	8	-1.9	18
KAIWARA 440	NZE13144008440	10	-1.1	42
LANDFALL ADMIRAL E459	TFAE459	9	-1.1	42
LANDFALL INFINITY E1	TFAE1	15	-2.2	9
LAWSONS NADAL E398	VLYE398	11	-1.0	45
LAWSONS NOVAK E313	VLYE313	9	-2.0	17
MATONI RIGHT TIME D240	EEHD240	5	-1.3	33
MERCHISTON EXPEDITION 934	NZE14738009934	8	-1.9	18
MILWILLAH LAD E158	NJWE158	11	-2.1	14
N BAR A2 ADMIRAL D57	DDSD57	9	-1.5	29
NETHERTON MR RADER J527	UKI542697100527	11	-2.3	6
PARINGA IRON ORE E27	HKFE27	14	-1.5	29
PATHFINDER TOTAL E34	SMPE34	17	-2.2	9
RENNYLEA EDMUND E11	NORE11	19	-1.3	33
STORTH OAKS BEYOND INFINITY E3	NZE19507009E3	15	-1.0	45
STRATHTAY STRUT F55	WJYF55	7	-2.2	9
TALOOBY EMPEROR E55	NPGE55	7	-2.3	6
TANGIHAU 672	NZE16883007672	20	-1.7	23

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 2 - Net Feed Intake (kg/day)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
TE MANIA EARL GREY E25	VTME25	16	-1.5	29
TE MANIA QUANTUM 09 490	NZE16932009490	8	-1.4	32
THE GLEN CAVALIER F020 F20	GMJF20	13	-1.3	33
TOTARANUI 825	NZE12922008825	13	-2.3	6
TUWHARETOA DIPLOMAT D106	BNAD106	12	-1.7	23
TWYNAM D154	NXTD154	6	-2.9	1
WAITANGI D213	NZE18954008D213	12	-1.3	33
WATTLETOP ANDY E236	NWPE236	8	-2.2	9
WATTLETOP SITZ 458N E111	NWPE111	11	-2.4	4

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 2 - MSA Marble Score (Score)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
ABBOTT PERFORMER E32	ESTE32	17	463.4	42
ABERDEEN ESTATE EXCITE E21	AHWE21	7	494.5	32
ANVIL ENFORCER E183	HBUE183	14	541.9	19
ARDROSSAN EXACT E162	NAQE162	12	500.7	29
ARDROSSAN FAIRFAX F21	NAQF21	9	395.6	47
AYRVALE BARTEL E7	HIOE7	17	655.9	1
BALD BLAIR HIGHLANDER C126	NBBC126	3	503.8	28
BANNABY HYTIME E1	ECME1	21	586.9	8
BONGONGO E617	NGXE617	11	515.2	26
BOOROOMOOKA EARTHWATCH E468	NGME468	12	496.7	30
BOOROOMOOKA INSPIRED E124	NGME124	10	558.6	14
BOOROOMOOKA SO YOU THINK E184	NGME184	11	530.5	21
CLUNIE RANGE FERRARI F318	NBHF318	13	496.2	31
CONNEALY SENSATION 964	USA16450113	8	494.2	33
COOLANA AFRICA E38	VCCE38	8	547.7	17
COOLANA INFINITY E56	VCCE56	11	596.3	6
DUNOON EVIDENT E614	BHRE614	10	521.4	23
ESSLEMONT F4	WWEF4	12	561.9	13
GILMANDYKE ELWOOD E0151	EUDE0151	9	520.3	24
GLENOCH ETHAN E142	QBGE142	11	568.3	11
KAHARAU CLASS 790	NZE17683004790	8	537.3	20
KAIWARA 440	NZE13144008440	10	544.9	18
LANDFALL ADMIRAL E459	TFAE459	9	566.2	12
LANDFALL INFINITY E1	TFAE1	15	522.9	22
LAWSONS NADAL E398	VLYE398	11	508.9	27
LAWSONS NOVAK E313	VLYE313	10	605.2	5
MATONI RIGHT TIME D240	EEHD240	4	463.4	42
MERCHISTON EXPEDITION 934	NZE14738009934	3	441.8	45
MILWILLAH LAD E158	NJWE158	11	551.9	16
N BAR A2 ADMIRAL D57	DDSD57	7	591.9	7
NETHERTON MR RADER J527	UKI542697100527	11	490.3	34
PARINGA IRON ORE E27	HKFE27	14	623.6	3
PATHFINDER TOTAL E34	SMPE34	17	486.3	36
RENNYLEA EDMUND E11	NORE11	18	554.5	15
STORTH OAKS BEYOND INFINITY E3	NZE19507009E3	14	485.3	37
STRATHTAY STRUT F55	WJYF55	7	419.3	46
TALOOBY EMPEROR E55	NPGE55	6	582.9	9
TANGIHAU 672	NZE16883007672	18	474.1	39

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 2 - MSA Marble Score (Score)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
TE MANIA EARL GREY E25	VTME25	15	463.6	41
TE MANIA QUANTUM 09 490	NZE16932009490	8	519.3	25
THE GLEN CAVALIER F020 F20	GMJF20	12	479.9	38
TOTARANUI 825	NZE12922008825	13	487.1	35
TUWHARETOA DIPLOMAT D106	BNAD106	8	608.2	4
TWYNAM D154	NXTD154	6	469.9	40
WAITANGI D213	NZE18954008D213	12	446.2	44
WATTLETOP ANDY E236	NWPE236	7	581.8	10
WATTLETOP SITZ 458N E111	NWPE111	10	643.2	2

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 2 - MSA Ossification (Score)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
ABBOTT PERFORMER E32	ESTE32	17	164.6	45
ABERDEEN ESTATE EXCITE E21	AHWE21	7	154.1	27
ANVIL ENFORCER E183	HBUE183	14	154.9	29
ARDROSSAN EXACT E162	NAQE162	12	153.1	23
ARDROSSAN FAIRFAX F21	NAQF21	9	162.7	43
AYRVALE BARTEL E7	HIOE7	17	148.7	10
BALD BLAIR HIGHLANDER C126	NBBC126	3	158.9	38
BANNABY HYTIME E1	ECME1	21	163.6	44
BONGONGO E617	NGXE617	11	136.3	1
BOOROOMOOKA EARTHWATCH E468	NGME468	12	155.9	32
BOOROOMOOKA INSPIRED E124	NGME124	10	152.2	18
BOOROOMOOKA SO YOU THINK E184	NGME184	11	152.6	20
CLUNIE RANGE FERRARI F318	NBHF318	13	151.0	15
CONNEALY SENSATION 964	USA16450113	8	155.5	31
COOLANA AFRICA E38	VCCE38	8	160.1	40
COOLANA INFINITY E56	VCCE56	11	161.7	42
DUNOON EVIDENT E614	BHRE614	10	153.9	26
ESSLEMONT F4	WWEF4	12	146.0	5
GILMANDYKE ELWOOD E0151	EUDE0151	9	149.9	11
GLENOCH ETHAN E142	QBGE142	11	158.3	37
KAHARAU CLASS 790	NZE17683004790	8	160.3	41
KAIWARA 440	NZE13144008440	10	155.3	30
LANDFALL ADMIRAL E459	TFAE459	9	151.1	16
LANDFALL INFINITY E1	TFAE1	15	152.2	18
LAWSONS NADAL E398	VLYE398	11	167.8	46
LAWSONS NOVAK E313	VLYE313	10	156.5	34
MATONI RIGHT TIME D240	EEHD240	4	167.8	46
MERCHISTON EXPEDITION 934	NZE14738009934	3	144.0	4
MILWILLAH LAD E158	NJWE158	11	157.5	35
N BAR A2 ADMIRAL D57	DDSD57	7	142.2	2
NETHERTON MR RADER J527	UKI542697100527	11	148.0	9
PARINGA IRON ORE E27	HKFE27	14	153.2	24
PATHFINDER TOTAL E34	SMPE34	17	150.5	13
RENNYLEA EDMUND E11	NORE11	18	157.9	36
STORTH OAKS BEYOND INFINITY E3	NZE19507009E3	14	153.0	22
STRATHTAY STRUT F55	WJYF55	7	154.8	28
TALOOBY EMPEROR E55	NPGE55	6	146.3	7
TANGIHAU 672	NZE16883007672	18	152.8	21

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 2 - MSA Ossification (Score)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
TE MANIA EARL GREY E25	VTME25	15	156.0	33
TE MANIA QUANTUM 09 490	NZE16932009490	8	142.6	3
THE GLEN CAVALIER F020 F20	GMJF20	12	150.0	12
TOTARANUI 825	NZE12922008825	13	151.5	17
TUWHARETOA DIPLOMAT D106	BNAD106	8	150.9	14
TWYNAM D154	NXTD154	6	159.4	39
WAITANGI D213	NZE18954008D213	12	153.5	25
WATTLETOP ANDY E236	NWPE236	7	147.2	8
WATTLETOP SITZ 458N E111	NWPE111	10	146.1	6

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 2 - MSA Index (Index)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
ABBOTT PERFORMER E32	ESTE32	17	64.6	33
ABERDEEN ESTATE EXCITE E21	AHWE21	7	65.0	28
ANVIL ENFORCER E183	HBUE183	14	65.3	20
ARDROSSAN EXACT E162	NAQE162	12	65.2	23
ARDROSSAN FAIRFAX F21	NAQF21	9	63.1	46
AYRVALE BARTEL E7	HIOE7	16	67.0	1
BALD BLAIR HIGHLANDER C126	NBBC126	3	64.4	41
BANNABY HYTIME E1	ECME1	19	65.9	9
BONGONGO E617	NGXE617	11	65.6	13
BOOROOMOOKA EARTHWATCH E468	NGME468	11	64.6	33
BOOROOMOOKA INSPIRED E124	NGME124	10	65.5	17
BOOROOMOOKA SO YOU THINK E184	NGME184	11	65.1	25
CLUNIE RANGE FERRARI F318	NBHF318	13	65.3	20
CONNEALY SENSATION 964	USA16450113	8	64.8	31
COOLANA AFRICA E38	VCCE38	8	65.1	25
COOLANA INFINITY E56	VCCE56	11	65.7	10
DUNOON EVIDENT E614	BHRE614	10	65.0	28
ESSLEMONT F4	WWEF4	11	65.6	13
GILMANDYKE ELWOOD E0151	EUDE0151	8	65.2	23
GLENOCH ETHAN E142	QBGE142	11	65.6	13
KAHARAU CLASS 790	NZE17683004790	7	65.3	20
KAIWARA 440	NZE13144008440	10	65.7	10
LANDFALL ADMIRAL E459	TFAE459	9	65.7	10
LANDFALL INFINITY E1	TFAE1	15	65.1	25
LAWSONS NADAL E398	VLYE398	11	64.9	30
LAWSONS NOVAK E313	VLYE313	10	66.1	6
MATONI RIGHT TIME D240	EEHD240	4	64.0	44
MERCHISTON EXPEDITION 934	NZE14738009934	3	63.1	46
MILWILLAH LAD E158	NJWE158	11	65.4	18
N BAR A2 ADMIRAL D57	DDSD57	7	66.5	4
NETHERTON MR RADER J527	UKI542697100527	10	64.6	33
PARINGA IRON ORE E27	HKFE27	14	66.4	5
PATHFINDER TOTAL E34	SMPE34	17	64.7	32
RENNYLEA EDMUND E11	NORE11	18	65.4	18
STORTH OAKS BEYOND INFINITY E3	NZE19507009E3	14	64.6	33
STRATHTAY STRUT F55	WJYF55	7	63.5	45
TALOOBY EMPEROR E55	NPGE55	6	66.1	6
TANGIHAU 672	NZE16883007672	17	64.2	43

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 2 - MSA Index (Index)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
TE MANIA EARL GREY E25	VTME25	15	64.5	40
TE MANIA QUANTUM 09 490	NZE16932009490	8	65.6	13
THE GLEN CAVALIER F020 F20	GMJF20	12	64.6	33
TOTARANUI 825	NZE12922008825	13	64.6	33
TUWHARETOA DIPLOMAT D106	BNAD106	8	66.6	3
TWYNAM D154	NXTD154	6	64.6	33
WAITANGI D213	NZE18954008D213	12	64.3	42
WATTLETOP ANDY E236	NWPE236	7	66.1	6
WATTLETOP SITZ 458N E111	NWPE111	10	66.8	2

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 2 - Shear Force (kg)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
ABBOTT PERFORMER E32	ESTE32	17	3.6	26
ABERDEEN ESTATE EXCITE E21	AHWE21	7	3.4	10
ANVIL ENFORCER E183	HBUE183	14	3.3	6
ARDROSSAN EXACT E162	NAQE162	12	3.6	26
ARDROSSAN FAIRFAX F21	NAQF21	9	3.6	26
AYRVALE BARTEL E7	HIOE7	17	3.5	15
BALD BLAIR HIGHLANDER C126	NBBC126	3	3.4	10
BANNABY HYTIME E1	ECME1	21	3.5	15
BONGONGO E617	NGXE617	11	4.1	46
BOOROOMOOKA EARTHWATCH E468	NGME468	12	3.5	15
BOOROOMOOKA INSPIRED E124	NGME124	10	3.5	15
BOOROOMOOKA SO YOU THINK E184	NGME184	11	3.7	33
CLUNIE RANGE FERRARI F318	NBHF318	13	3.2	5
CONNEALY SENSATION 964	USA16450113	8	3.5	15
COOLANA AFRICA E38	VCCE38	8	3.1	2
COOLANA INFINITY E56	VCCE56	11	3.3	6
DUNOON EVIDENT E614	BHRE614	10	3.6	26
ESSLEMONT F4	WWEF4	12	3.8	38
GILMANDYKE ELWOOD E0151	EUDE0151	9	3.5	15
GLENOCH ETHAN E142	QBGE142	11	3.9	45
KAHARAU CLASS 790	NZE17683004790	8	3.1	2
KAIWARA 440	NZE13144008440	10	3.7	33
LANDFALL ADMIRAL E459	TFAE459	9	3.6	26
LANDFALL INFINITY E1	TFAE1	15	3.5	15
LAWSONS NADAL E398	VLYE398	11	4.1	46
LAWSONS NOVAK E313	VLYE313	10	3.5	15
MATONI RIGHT TIME D240	EEHD240	4	2.9	1
MERCHISTON EXPEDITION 934	NZE14738009934	3	3.4	10
MILWILLAH LAD E158	NJWE158	11	3.8	38
N BAR A2 ADMIRAL D57	DDSD57	7	3.5	15
NETHERTON MR RADER J527	UKI542697100527	11	3.7	33
PARINGA IRON ORE E27	HKFE27	14	3.5	15
PATHFINDER TOTAL E34	SMPE34	17	3.8	38
RENNYLEA EDMUND E11	NORE11	18	3.6	26
STORTH OAKS BEYOND INFINITY E3	NZE19507009E3	14	3.8	38
STRATHTAY STRUT F55	WJYF55	7	3.8	38
TALOOBY EMPEROR E55	NPGE55	6	3.1	2
TANGIHAU 672	NZE16883007672	18	3.5	15

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 2 - Shear Force (kg)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
TE MANIA EARL GREY E25	VTME25	15	3.4	10
TE MANIA QUANTUM 09 490	NZE16932009490	8	3.4	10
THE GLEN CAVALIER F020 F20	GMJF20	12	3.8	38
TOTARANUI 825	NZE12922008825	13	3.3	6
TUWHARETOA DIPLOMAT D106	BNAD106	8	3.3	6
TWYNAM D154	NXTD154	6	3.7	33
WAITANGI D213	NZE18954008D213	12	3.7	33
WATTLETOP ANDY E236	NWPE236	7	3.6	26
WATTLETOP SITZ 458N E111	NWPE111	10	3.8	38

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: 2 - Docility (Score)

Sire Name	Sire ID	Number of Progeny	Progeny % Score 1-1.5	Rank
ABBOTT PERFORMER E32	ESTE32	28	35.7	47
ABERDEEN ESTATE EXCITE E21	AHWE21	16	56.3	27
ANVIL ENFORCER E183	HBUE183	26	65.4	13
ARDROSSAN EXACT E162	NAQE162	21	52.4	31
ARDROSSAN FAIRFAX F21	NAQF21	22	36.4	46
AYRVALE BARTEL E7	HIOE7	32	59.4	22
BALD BLAIR HIGHLANDER C126	NBBC126	11	54.5	30
BANNABY HYTIME E1	ECME1	34	64.7	16
BONGONGO E617	NGXE617	25	72.0	3
BOOROOMOOKA EARTHWATCH E468	NGME468	30	50.0	34
BOOROOMOOKA INSPIRED E124	NGME124	20	70.0	5
BOOROOMOOKA SO YOU THINK E184	NGME184	29	44.8	40
CLUNIE RANGE FERRARI F318	NBHF318	29	51.7	33
CONNEALY SENSATION 964	USA16450113	27	66.7	10
COOLANA AFRICA E38	VCCE38	19	63.2	19
COOLANA INFINITY E56	VCCE56	25	52.0	32
DUNOON EVIDENT E614	BHRE614	25	72.0	3
ESSLEMONT F4	WWEF4	25	64.0	17
GILMANDYKE ELWOOD E0151	EUDE0151	26	69.2	7
GLENOCH ETHAN E142	QBGE142	26	46.2	36
KAHARAU CLASS 790	NZE17683004790	20	65.0	14
KAIWARA 440	NZE13144008440	26	46.2	36
LANDFALL ADMIRAL E459	TFAE459	25	76.0	1
LANDFALL INFINITY E1	TFAE1	32	40.6	43
LAWSONS NADAL E398	VLYE398	24	37.5	44
LAWSONS NOVAK E313	VLYE313	16	62.5	20
MATONI RIGHT TIME D240	EEHD240	20	65.0	14
MERCHISTON EXPEDITION 934	NZE14738009934	12	58.3	25
MILWILLAH LAD E158	NJWE158	18	66.7	10
N BAR A2 ADMIRAL D57	DDSD57	17	58.8	23
NETHERTON MR RADER J527	UKI542697100527	19	57.9	26
PARINGA IRON ORE E27	HKFE27	27	74.1	2
PATHFINDER TOTAL E34	SMPE34	26	69.2	7
RENNYLEA EDMUND E11	NORE11	30	66.7	10
STORTH OAKS BEYOND INFINITY E3	NZE19507009E3	20	55.0	28
STRATHTAY STRUT F55	WJYF55	13	46.2	36
TALOOBY EMPEROR E55	NPGE55	18	50.0	34
TANGIHAU 672	NZE16883007672	40	37.5	44

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 2 - Docility (Score)

Sire Name	Sire ID	Number of Progeny	Progeny % Score 1-1.5	Rank
TE MANIA EARL GREY E25	VTME25	36	63.9	18
TE MANIA QUANTUM 09 490	NZE16932009490	17	58.8	23
THE GLEN CAVALIER F020 F20	GMJF20	20	70.0	5
TOTARANUI 825	NZE12922008825	24	41.7	41
TUWHARETOA DIPLOMAT D106	BNAD106	13	46.2	36
TWYNAM D154	NXTD154	20	60.0	21
WAITANGI D213	NZE18954008D213	20	55.0	28
WATTLETOP ANDY E236	NWPE236	29	41.4	42
WATTLETOP SITZ 458N E111	NWPE111	29	69.0	9

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 2 - Claw Set (Score)

Sire Name	Sire ID	Number of Progeny	Progeny % Score 5-6	Rank
ABBOTT PERFORMER E32	ESTE32	20	90.0	8
ABERDEEN ESTATE EXCITE E21	AHWE21	9	55.6	43
ANVIL ENFORCER E183	HBUE183	17	70.6	36
ARDROSSAN EXACT E162	NAQE162	15	66.7	37
ARDROSSAN FAIRFAX F21	NAQF21	10	90.0	8
AYRVALE BARTEL E7	HIOE7	26	76.9	25
BALD BLAIR HIGHLANDER C126	NBBC126	7	85.7	12
BANNABY HYTIME E1	ECME1	23	52.2	46
BONGONGO E617	NGXE617	17	76.5	27
BOOROOMOOKA EARTHWATCH E468	NGME468	17	52.9	45
BOOROOMOOKA INSPIRED E124	NGME124	14	85.7	12
BOOROOMOOKA SO YOU THINK E184	NGME184	13	92.3	3
CLUNIE RANGE FERRARI F318	NBHF318	19	94.7	1
CONNEALY SENSATION 964	USA16450113	18	77.8	23
COOLANA AFRICA E38	VCCE38	13	46.2	47
COOLANA INFINITY E56	VCCE56	20	80.0	21
DUNOON EVIDENT E614	BHRE614	15	73.3	33
ESSLEMONT F4	WWEF4	15	60.0	41
GILMANDYKE ELWOOD E0151	EUDE0151	15	86.7	11
GLENOCH ETHAN E142	QBGE142	17	76.5	27
KAHARAU CLASS 790	NZE17683004790	11	54.5	44
KAIWARA 440	NZE13144008440	16	62.5	40
LANDFALL ADMIRAL E459	TFAE459	14	64.3	39
LANDFALL INFINITY E1	TFAE1	18	77.8	23
LAWSONS NADAL E398	VLYE398	15	73.3	33
LAWSONS NOVAK E313	VLYE313	11	81.8	19
MATONI RIGHT TIME D240	EEHD240	11	90.9	4
MERCHISTON EXPEDITION 934	NZE14738009934	7	85.7	12
MILWILLAH LAD E158	NJWE158	14	78.6	22
N BAR A2 ADMIRAL D57	DDSD57	11	90.9	4
NETHERTON MR RADER J527	UKI542697100527	16	81.3	20
PARINGA IRON ORE E27	HKFE27	20	85.0	16
PATHFINDER TOTAL E34	SMPE34	20	75.0	29
RENNYLEA EDMUND E11	NORE11	22	72.7	35
STORTH OAKS BEYOND INFINITY E3	NZE19507009E3	16	56.3	42
STRATHTAY STRUT F55	WJYF55	11	90.9	4
TALOOBY EMPEROR E55	NPGE55	12	66.7	37
TANGIHAU 672	NZE16883007672	29	89.7	10

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 2 - Claw Set (Score)

Sire Name	Sire ID	Number of Progeny	Progeny % Score 5-6	Rank
TE MANIA EARL GREY E25	VTME25	23	73.9	32
TE MANIA QUANTUM 09 490	NZE16932009490	12	83.3	17
THE GLEN CAVALIER F020 F20	GMJF20	18	83.3	17
TOTARANUI 825	NZE12922008825	14	85.7	12
TUWHARETOA DIPLOMAT D106	BNAD106	8	75.0	29
TWYNAM D154	NXTD154	13	76.9	25
WAITANGI D213	NZE18954008D213	16	75.0	29
WATTLETOP ANDY E236	NWPE236	14	92.9	2
WATTLETOP SITZ 458N E111	NWPE111	21	90.5	7

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 2 - Foot Angle (Score)

Sire Name	Sire ID	Number of Progeny	Progeny % Score 5-6	Rank
ABBOTT PERFORMER E32	ESTE32	20	80.0	44
ABERDEEN ESTATE EXCITE E21	AHWE21	9	77.8	45
ANVIL ENFORCER E183	HBUE183	17	88.2	39
ARDROSSAN EXACT E162	NAQE162	15	100.0	1
ARDROSSAN FAIRFAX F21	NAQF21	10	100.0	1
AYRVALE BARTEL E7	HIOE7	26	96.2	20
BALD BLAIR HIGHLANDER C126	NBBC126	7	100.0	1
BANNABY HYTIME E1	ECME1	23	100.0	1
BONGONGO E617	NGXE617	17	94.1	24
BOOROOMOOKA EARTHWATCH E468	NGME468	17	94.1	24
BOOROOMOOKA INSPIRED E124	NGME124	14	92.9	30
BOOROOMOOKA SO YOU THINK E184	NGME184	13	100.0	1
CLUNIE RANGE FERRARI F318	NBHF318	19	84.2	43
CONNEALY SENSATION 964	USA16450113	18	100.0	1
COOLANA AFRICA E38	VCCE38	13	84.6	42
COOLANA INFINITY E56	VCCE56	20	95.0	22
DUNOON EVIDENT E614	BHRE614	15	86.7	41
ESSLEMONT F4	WWEF4	15	100.0	1
GILMANDYKE ELWOOD E0151	EUDE0151	15	93.3	28
GLENOCH ETHAN E142	QBGE142	17	100.0	1
KAHARAU CLASS 790	NZE17683004790	11	90.9	34
KAIWARA 440	NZE13144008440	16	75.0	47
LANDFALL ADMIRAL E459	TFAE459	14	92.9	30
LANDFALL INFINITY E1	TFAE1	18	100.0	1
LAWSONS NADAL E398	VLYE398	15	100.0	1
LAWSONS NOVAK E313	VLYE313	11	100.0	1
MATONI RIGHT TIME D240	EEHD240	11	90.9	34
MERCHISTON EXPEDITION 934	NZE14738009934	7	100.0	1
MILWILLAH LAD E158	NJWE158	14	100.0	1
N BAR A2 ADMIRAL D57	DDSD57	11	90.9	34
NETHERTON MR RADER J527	UKI542697100527	16	100.0	1
PARINGA IRON ORE E27	HKFE27	20	90.0	37
PATHFINDER TOTAL E34	SMPE34	20	95.0	22
RENNYLEA EDMUND E11	NORE11	22	77.3	46
STORTH OAKS BEYOND INFINITY E3	NZE19507009E3	16	93.8	26
STRATHTAY STRUT F55	WJYF55	11	100.0	1
TALOOBY EMPEROR E55	NPGE55	12	100.0	1
TANGIHAU 672	NZE16883007672	29	93.1	29

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 2 - Foot Angle (Score)

Sire Name	Sire ID	Number of Progeny	Progeny % Score 5-6	Rank
TE MANIA EARL GREY E25	VTME25	23	87.0	40
TE MANIA QUANTUM 09 490	NZE16932009490	12	91.7	33
THE GLEN CAVALIER F020 F20	GMJF20	18	88.9	38
TOTARANUI 825	NZE12922008825	14	92.9	30
TUWHARETOA DIPLOMAT D106	BNAD106	8	100.0	1
TWYNAM D154	NXTD154	13	100.0	1
WAITANGI D213	NZE18954008D213	16	93.8	26
WATTLETOP ANDY E236	NWPE236	14	100.0	1
WATTLETOP SITZ 458N E111	NWPE111	21	95.2	21

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 2 - Coat Type (Score)

Sire Name	Sire ID	Number of Progeny	Progeny % Score 1-2	Rank
ABBOTT PERFORMER E32	ESTE32	20	15.0	19
ABERDEEN ESTATE EXCITE E21	AHWE21	9	0.0	40
ANVIL ENFORCER E183	HBUE183	17	5.9	34
ARDROSSAN EXACT E162	NAQE162	15	20.0	12
ARDROSSAN FAIRFAX F21	NAQF21	10	10.0	29
AYRVALE BARTEL E7	HIOE7	23	21.7	9
BALD BLAIR HIGHLANDER C126	NBBC126	7	28.6	3
BANNABY HYTIME E1	ECME1	23	21.7	9
BONGONGO E617	NGXE617	17	17.6	17
BOOROOMOOKA EARTHWATCH E468	NGME468	17	5.9	34
BOOROOMOOKA INSPIRED E124	NGME124	14	28.6	3
BOOROOMOOKA SO YOU THINK E184	NGME184	13	0.0	40
CLUNIE RANGE FERRARI F318	NBHF318	19	5.3	37
CONNEALY SENSATION 964	USA16450113	18	22.2	7
COOLANA AFRICA E38	VCCE38	13	7.7	31
COOLANA INFINITY E56	VCCE56	20	15.0	19
DUNOON EVIDENT E614	BHRE614	15	20.0	12
ESSLEMONT F4	WWEF4	15	13.3	24
GILMANDYKE ELWOOD E0151	EUDE0151	15	6.7	33
GLENOCH ETHAN E142	QBGE142	17	11.8	28
KAHARAU CLASS 790	NZE17683004790	11	0.0	40
KAIWARA 440	NZE13144008440	16	12.5	26
LANDFALL ADMIRAL E459	TFAE459	14	14.3	21
LANDFALL INFINITY E1	TFAE1	18	22.2	7
LAWSONS NADAL E398	VLYE398	15	13.3	24
LAWSONS NOVAK E313	VLYE313	11	18.2	14
MATONI RIGHT TIME D240	EEHD240	11	0.0	40
MERCHISTON EXPEDITION 934	NZE14738009934	7	14.3	21
MILWILLAH LAD E158	NJWE158	13	7.7	31
N BAR A2 ADMIRAL D57	DDSD57	11	9.1	30
NETHERTON MR RADER J527	UKI542697100527	16	0.0	40
PARINGA IRON ORE E27	HKFE27	19	26.3	5
PATHFINDER TOTAL E34	SMPE34	19	5.3	37
RENNYLEA EDMUND E11	NORE11	22	18.2	14
STORTH OAKS BEYOND INFINITY E3	NZE19507009E3	15	40.0	2
STRATHTAY STRUT F55	WJYF55	11	18.2	14
TALOOBY EMPEROR E55	NPGE55	12	0.0	40
TANGIHAU 672	NZE16883007672	29	13.8	23

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 2 - Coat Type (Score)

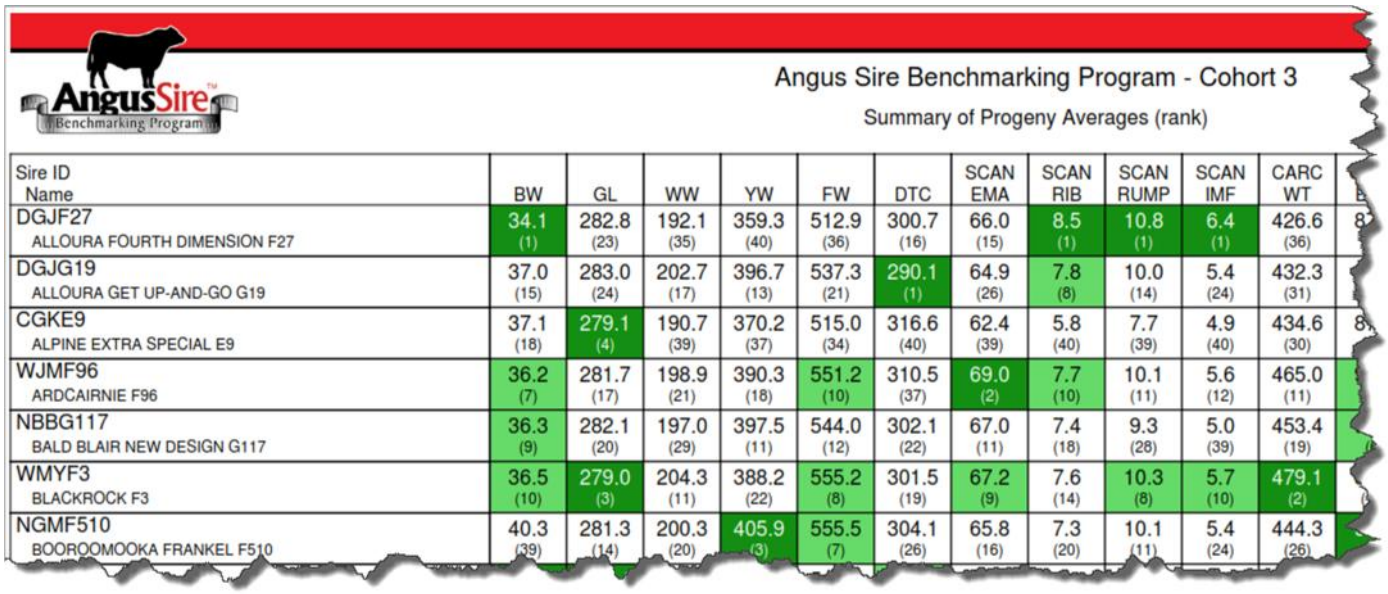
Sire Name	Sire ID	Number of Progeny	Progeny % Score 1-2	Rank
TE MANIA EARL GREY E25	VTME25	23	26.1	6
TE MANIA QUANTUM 09 490	NZE16932009490	12	16.7	18
THE GLEN CAVALIER F020 F20	GMJF20	18	5.6	36
TOTARANUI 825	NZE12922008825	14	21.4	11
TUWHARETOA DIPLOMAT D106	BNAD106	8	62.5	1
TWYNAM D154	NXTD154	13	0.0	40
WAITANGI D213	NZE18954008D213	16	12.5	26
WATTLETOP ANDY E236	NWPE236	14	0.0	40
WATTLETOP SITZ 458N E111	NWPE111	21	4.8	39

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 2

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
ESTE32 ABBOTT PERFORMER E32	39.6 (42)	280.2 (11)	232.8 (3)	340.5 (4)	513.0 (1)	304.9 (30)	60.0 (17)	5.6 (7)	6.1 (26)	3.9 (40)	467.8 (1)	78.8 (39)	8.7 (30)	-1.3 (33)	463.4 (42)	164.6 (45)	64.6 (33)	35.7 (47)	90.0 (8)	80.0 (44)	15.0 (19)
AHWE21 ABERDEEN ESTATE EXCITE E21	39.0 (35)	282.0 (29)	223.2 (17)	328.8 (21)	495.5 (11)	317.9 (42)	59.6 (25)	6.0 (1)	7.0 (9)	4.9 (1)	444.1 (19)	82.1 (22)	9.5 (25)	-1.7 (23)	494.5 (32)	154.1 (27)	65.0 (28)	56.3 (27)	55.6 (43)	77.8 (45)	0.0 (40)
HBUE183 ANVIL ENFORCER E183	36.4 (5)	279.7 (8)	223.9 (14)	321.6 (34)	485.6 (24)	307.2 (32)	60.3 (11)	4.9 (24)	6.3 (20)	4.1 (26)	452.8 (7)	81.6 (25)	8.5 (33)	-1.2 (40)	541.9 (19)	154.9 (29)	65.3 (20)	65.4 (13)	70.6 (36)	88.2 (39)	5.9 (34)
NAQE162 ARDROSSAN EXACT E162	36.4 (5)	280.6 (15)	221.5 (20)	335.2 (8)	487.0 (19)	300.3 (18)	59.8 (19)	5.0 (21)	7.1 (6)	4.1 (26)	449.5 (11)	78.2 (43)	9.3 (28)	-2.5 (3)	500.7 (29)	153.1 (23)	65.2 (23)	52.4 (31)	66.7 (37)	100.0 (1)	20.0 (12)
NAQF21 ARDROSSAN FAIRFAX F21	37.5 (20)	280.4 (12)	211.0 (45)	307.6 (45)	462.1 (45)	333.7 (46)	57.4 (43)	5.0 (21)	6.3 (20)	3.3 (47)	437.8 (28)	79.0 (37)	6.2 (47)	-1.6 (26)	395.6 (47)	162.7 (43)	63.1 (46)	36.4 (46)	90.0 (8)	100.0 (1)	10.0 (29)
HIOE7 AYRVALE BARTEL E7	36.9 (12)	281.4 (22)	217.3 (32)	328.0 (22)	489.4 (17)	294.9 (9)	60.8 (6)	5.9 (2)	7.4 (3)	4.6 (3)	455.0 (5)	82.5 (19)	11.6 (4)	-1.3 (33)	655.9 (1)	148.7 (10)	67.0 (1)	59.4 (22)	76.9 (25)	96.2 (20)	21.7 (9)
NBBC126 BALD BLAIR HIGHLANDER C126	37.3 (18)	282.0 (29)	220.0 (23)	333.9 (12)	487.0 (19)	345.5 (47)	56.7 (44)	5.2 (12)	6.6 (13)	4.2 (23)	449.1 (13)	83.1 (16)	8.5 (33)	-1.3 (33)	503.8 (28)	158.9 (38)	64.4 (41)	54.5 (30)	85.7 (12)	100.0 (1)	28.6 (3)
ECME1 BANNABY HYTIME E1	39.0 (35)	279.3 (3)	226.4 (9)	336.0 (7)	495.0 (12)	302.7 (25)	60.5 (8)	4.9 (24)	6.6 (13)	4.6 (3)	449.2 (12)	84.6 (9)	10.8 (8)	-2.1 (14)	586.9 (8)	163.6 (44)	65.9 (9)	64.7 (16)	52.2 (46)	100.0 (1)	21.7 (9)
NGXE617 BONGONGO E617	37.0 (13)	281.4 (22)	204.3 (47)	315.1 (42)	471.1 (40)	296.9 (12)	58.7 (33)	5.8 (3)	6.4 (19)	4.5 (10)	443.6 (21)	78.4 (41)	10.0 (20)	-1.8 (22)	515.2 (26)	136.3 (1)	65.6 (13)	72.0 (3)	76.5 (27)	94.1 (24)	17.6 (17)
NGME468 BOOROOMOOKA EARTHWATCH E468	36.6 (8)	280.4 (12)	217.4 (30)	318.9 (39)	479.3 (33)	315.4 (39)	60.5 (8)	5.2 (12)	5.8 (37)	4.1 (26)	419.8 (44)	80.2 (33)	7.5 (45)	-2.1 (14)	496.7 (30)	155.9 (32)	64.6 (33)	50.0 (34)	52.9 (45)	94.1 (24)	5.9 (34)
NGME124 BOOROOMOOKA INSPIRED E124	37.5 (20)	282.5 (32)	213.1 (42)	319.6 (37)	459.6 (46)	285.7 (1)	59.7 (23)	4.9 (24)	6.2 (23)	4.6 (3)	441.5 (24)	80.8 (28)	10.1 (18)	-1.2 (40)	558.6 (14)	152.2 (18)	65.5 (17)	70.0 (5)	85.7 (12)	92.9 (30)	28.6 (3)
NGME184 BOOROOMOOKA SO YOU THINK E184	39.6 (42)	281.0 (19)	233.5 (2)	334.5 (10)	500.1 (6)	301.6 (20)	57.9 (40)	4.4 (41)	5.6 (42)	4.3 (19)	415.3 (46)	76.8 (47)	8.7 (30)	-2.4 (4)	530.5 (21)	152.6 (20)	65.1 (25)	44.8 (40)	92.3 (3)	100.0 (1)	0.0 (40)
NBHF318 CLUNIE RANGE FERRARI F318	38.2 (23)	279.5 (7)	230.0 (5)	330.5 (17)	484.1 (28)	302.2 (21)	60.2 (12)	5.1 (15)	6.8 (12)	4.4 (15)	452.2 (8)	82.2 (21)	9.8 (21)	-2.2 (9)	496.2 (31)	151.0 (15)	65.3 (20)	51.7 (33)	94.7 (1)	84.2 (43)	5.3 (37)
USA16450113 CONNEALY SENSATION 964	38.7 (29)	284.5 (46)	217.5 (29)	318.5 (40)	476.0 (35)	305.0 (31)	59.0 (30)	4.9 (24)	5.7 (39)	4.0 (34)	443.6 (21)	83.9 (12)	8.5 (33)	-1.6 (26)	494.2 (33)	155.5 (31)	64.8 (31)	66.7 (10)	77.8 (23)	100.0 (1)	22.2 (7)
VCCE38 COOLANA AFRICA E38	36.2 (4)	281.5 (25)	221.6 (19)	344.6 (2)	497.1 (9)	298.2 (15)	60.1 (15)	4.5 (39)	5.6 (42)	4.1 (26)	430.3 (37)	82.1 (22)	11.1 (6)	-1.9 (18)	547.7 (17)	160.1 (40)	65.1 (25)	63.2 (19)	46.2 (47)	84.6 (42)	7.7 (31)
VCCE56 COOLANA INFINITY E56	38.9 (32)	283.1 (34)	226.9 (8)	324.3 (27)	486.1 (22)	315.4 (39)	60.1 (15)	4.6 (36)	6.1 (26)	4.5 (10)	452.1 (9)	78.3 (42)	10.2 (16)	-0.3 (47)	596.3 (6)	161.7 (42)	65.7 (10)	52.0 (32)	80.0 (21)	95.0 (22)	15.0 (19)
BHRE614 DUNOON EVIDENT E614	38.2 (23)	283.0 (33)	228.5 (6)	331.4 (15)	489.6 (16)	300.6 (19)	62.4 (1)	4.3 (43)	6.0 (31)	4.8 (2)	436.5 (31)	86.6 (6)	10.4 (11)	-1.6 (26)	521.4 (23)	153.9 (26)	65.0 (28)	72.0 (3)	73.3 (33)	86.7 (41)	20.0 (12)
WWEF4 ESSLEMONT F4	36.7 (11)	281.5 (25)	213.6 (41)	332.0 (14)	480.5 (31)	302.5 (24)	58.8 (32)	5.3 (11)	6.6 (13)	4.6 (3)	425.1 (40)	80.6 (30)	10.2 (16)	-2.8 (2)	561.9 (13)	146.0 (5)	65.6 (13)	64.0 (17)	60.0 (41)	100.0 (1)	13.3 (24)
EUDE0151 GILMANDYKE ELWOOD E0151	37.4 (19)	280.0 (9)	217.4 (30)	324.6 (26)	475.0 (38)	310.1 (35)	57.9 (40)	4.3 (43)	5.7 (39)	3.9 (40)	446.6 (17)	78.9 (38)	9.6 (22)	-1.9 (18)	520.3 (24)	149.9 (11)	65.2 (23)	69.2 (7)	86.7 (11)	93.3 (28)	6.7 (33)
QBGE142 GLENOCH ETHAN E142	38.6 (27)	283.2 (36)	218.3 (28)	323.4 (30)	475.7 (36)	303.0 (26)	59.2 (29)	5.1 (15)	7.2 (4)	4.4 (15)	435.4 (33)	81.7 (24)	10.3 (12)	-1.1 (42)	568.3 (11)	158.3 (37)	65.6 (13)	46.2 (36)	76.5 (27)	100.0 (1)	11.8 (28)
NZE17683004790 KAHARAU CLASS 790	39.4 (39)	281.4 (22)	215.3 (38)	310.4 (43)	462.9 (44)	294.7 (8)	58.0 (38)	4.2 (46)	5.9 (34)	3.8 (42)	417.0 (45)	89.2 (2)	8.5 (33)	-1.9 (18)	537.3 (20)	160.3 (41)	65.3 (20)	65.0 (14)	54.5 (44)	90.9 (34)	0.0 (40)
NZE13144008440 KAIWARA 440	38.0 (22)	281.9 (27)	221.1 (21)	334.8 (9)	500.4 (5)	300.2 (17)	59.8 (19)	5.0 (21)	7.1 (6)	4.6 (3)	455.8 (4)	77.4 (45)	10.3 (12)	-1.1 (42)	544.9 (18)	155.3 (30)	65.7 (10)	46.2 (36)	62.5 (40)	75.0 (47)	12.5 (26)

Angus Sire Benchmarking Program - Cohort 2

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
TFAE459 LANDFALL ADMIRAL E459	36.6 (8)	283.2 (36)	220.0 (23)	333.6 (13)	505.4 (2)	292.8 (7)	58.9 (31)	4.4 (41)	5.8 (37)	4.1 (26)	463.9 (2)	80.2 (33)	9.6 (22)	-1.1 (42)	566.2 (12)	151.1 (16)	65.7 (10)	76.0 (1)	64.3 (39)	92.9 (30)	14.3 (21)
TFAE1 LANDFALL INFINITY E1	37.1 (16)	280.7 (18)	218.9 (27)	329.4 (19)	484.2 (27)	315.2 (38)	58.4 (36)	4.5 (39)	5.9 (34)	3.8 (42)	436.2 (32)	82.3 (20)	9.4 (27)	-2.2 (9)	522.9 (22)	152.2 (18)	65.1 (25)	40.6 (43)	77.8 (23)	100.0 (1)	22.2 (7)
VLYE398 LAWSONS NADAL E398	38.9 (32)	283.4 (39)	228.2 (7)	325.8 (25)	490.8 (14)	296.5 (11)	60.6 (7)	5.2 (12)	6.6 (13)	4.5 (10)	442.1 (23)	87.0 (5)	8.7 (30)	-1.0 (45)	508.9 (27)	167.8 (46)	64.9 (30)	37.5 (44)	73.3 (33)	100.0 (1)	13.3 (24)
VLYE313 LAWSONS NOVAK E313	37.0 (13)	283.2 (36)	219.2 (26)	329.2 (20)	483.9 (29)	304.5 (29)	58.5 (35)	4.6 (36)	5.6 (42)	4.5 (10)	439.6 (27)	83.0 (17)	11.6 (4)	-2.0 (17)	605.2 (5)	156.5 (34)	66.1 (6)	62.5 (20)	81.8 (19)	100.0 (1)	18.2 (14)
EEHD240 MATONI RIGHT TIME D240	40.0 (44)	283.1 (34)	212.9 (43)	322.6 (32)	470.4 (42)	316.2 (41)	59.6 (25)	4.8 (32)	5.7 (39)	4.0 (34)	421.7 (43)	82.6 (18)	8.3 (38)	-1.3 (33)	463.4 (42)	167.8 (46)	64.0 (44)	65.0 (14)	90.9 (4)	90.9 (34)	0.0 (40)
NZE14738009934 MERCHISTON EXPEDITION 934	39.4 (39)	279.3 (3)	224.5 (11)	337.1 (6)	502.9 (4)	304.0 (28)	59.8 (19)	4.9 (24)	6.3 (20)	4.0 (34)	443.7 (20)	78.5 (40)	8.8 (29)	-1.9 (18)	441.8 (45)	144.0 (4)	63.1 (46)	58.3 (25)	85.7 (12)	100.0 (1)	14.3 (21)
NJWE158 MILWILLAH LAD E158	39.4 (39)	280.6 (15)	223.5 (16)	330.6 (16)	485.5 (25)	297.7 (13)	60.2 (12)	4.7 (34)	5.9 (34)	4.2 (23)	434.9 (34)	88.4 (3)	10.3 (12)	-2.1 (14)	551.9 (16)	157.5 (35)	65.4 (18)	66.7 (10)	78.6 (22)	100.0 (1)	7.7 (31)
DDSD57 N BAR A2 ADMIRAL D57	38.2 (23)	281.3 (21)	232.2 (4)	334.0 (11)	498.2 (8)	303.7 (27)	61.3 (5)	5.1 (15)	6.1 (26)	4.5 (10)	453.2 (6)	81.5 (26)	12.4 (1)	-1.5 (29)	591.9 (7)	142.2 (2)	66.5 (4)	58.8 (23)	90.9 (4)	90.9 (34)	9.1 (30)
UKI542697100527 NETHERTON MR RADER J527	39.0 (35)	285.6 (47)	215.6 (36)	326.6 (24)	466.7 (43)	322.7 (45)	59.3 (28)	4.7 (34)	6.0 (31)	4.0 (34)	422.5 (42)	84.3 (10)	7.7 (42)	-2.3 (6)	490.3 (34)	148.0 (9)	64.6 (33)	57.9 (26)	81.3 (20)	100.0 (1)	0.0 (40)
HKFE27 PARINGA IRON ORE E27	35.9 (3)	277.1 (1)	211.0 (45)	315.7 (41)	471.1 (40)	292.7 (5)	60.0 (17)	5.1 (15)	6.6 (13)	4.3 (19)	445.9 (18)	80.3 (32)	10.3 (12)	-1.5 (29)	623.6 (3)	153.2 (24)	66.4 (5)	74.1 (2)	85.0 (16)	90.0 (37)	26.3 (5)
SMPE34 PATHFINDER TOTAL E34	40.5 (45)	284.4 (45)	239.7 (1)	347.4 (1)	504.1 (3)	287.6 (2)	61.8 (3)	5.1 (15)	6.0 (31)	4.3 (19)	441.1 (25)	88.2 (4)	9.6 (22)	-2.2 (9)	486.3 (36)	150.5 (13)	64.7 (32)	69.2 (7)	75.0 (29)	95.0 (22)	5.3 (37)
NORE11 RENNYLEA EDMUND E11	35.3 (2)	280.1 (10)	215.0 (40)	321.7 (33)	477.1 (34)	298.3 (16)	57.6 (42)	5.5 (9)	7.1 (6)	4.4 (15)	433.0 (35)	84.0 (11)	10.5 (10)	-1.3 (33)	554.5 (15)	157.9 (36)	65.4 (18)	66.7 (10)	72.7 (35)	77.3 (46)	18.2 (14)
NZE19507009E3 STORTH OAKS BEYOND INFINITY E3	35.0 (1)	281.0 (19)	220.4 (22)	324.3 (27)	484.3 (26)	287.8 (3)	61.5 (4)	5.8 (3)	8.2 (1)	4.6 (3)	426.5 (39)	83.5 (14)	9.5 (25)	-1.0 (45)	485.3 (37)	153.0 (22)	64.6 (33)	55.0 (28)	56.3 (42)	93.8 (26)	40.0 (2)
WJYF55 STRATHTAY STRUT F55	38.6 (27)	283.4 (39)	223.9 (14)	320.2 (36)	490.6 (15)	295.6 (10)	59.8 (19)	3.9 (47)	4.5 (47)	4.0 (34)	440.9 (26)	85.5 (8)	7.1 (46)	-2.2 (9)	419.3 (46)	154.8 (28)	63.5 (45)	46.2 (36)	90.9 (4)	100.0 (1)	18.2 (14)
NPGE55 TALOOBY EMPEROR E55	36.4 (5)	284.0 (43)	224.1 (13)	323.2 (31)	486.0 (23)	307.8 (33)	55.1 (46)	4.9 (24)	6.1 (26)	3.8 (42)	437.8 (28)	80.2 (33)	7.6 (44)	-2.3 (6)	582.9 (9)	146.3 (7)	66.1 (6)	50.0 (34)	66.7 (37)	100.0 (1)	0.0 (40)
NZE16883007672 TANGIHAU 672	39.0 (35)	281.9 (27)	215.3 (38)	303.8 (47)	450.6 (47)	297.9 (14)	54.4 (47)	4.3 (43)	5.6 (42)	3.5 (46)	409.4 (47)	79.4 (36)	8.4 (37)	-1.7 (23)	474.1 (39)	152.8 (21)	64.2 (43)	37.5 (44)	89.7 (10)	93.1 (29)	13.8 (23)
VTME25 TE MANIA EARL GREY E25	36.6 (8)	278.6 (2)	212.5 (44)	307.4 (46)	473.8 (39)	309.8 (34)	59.7 (23)	5.6 (7)	7.2 (4)	4.3 (19)	432.7 (36)	85.9 (7)	7.9 (41)	-1.5 (29)	463.6 (41)	156.0 (33)	64.5 (40)	63.9 (18)	73.9 (32)	87.0 (40)	26.1 (6)
NZE16932009490 TE MANIA QUANTUM 09 490	41.1 (46)	283.4 (39)	223.2 (17)	308.5 (44)	480.3 (32)	302.4 (22)	58.4 (36)	4.9 (24)	6.5 (18)	4.1 (26)	456.1 (3)	77.3 (46)	12.0 (3)	-1.4 (32)	519.3 (25)	142.6 (3)	65.6 (13)	58.8 (23)	83.3 (17)	91.7 (33)	16.7 (18)
GMJF20 THE GLEN CAVALIER F020 F20	38.7 (29)	279.3 (3)	215.6 (36)	324.2 (29)	475.3 (37)	289.6 (4)	60.5 (8)	4.6 (36)	5.5 (46)	3.8 (42)	423.8 (41)	83.7 (13)	8.1 (39)	-1.3 (33)	479.9 (38)	150.0 (12)	64.6 (33)	70.0 (5)	83.3 (17)	88.9 (38)	5.6 (36)
NZE12922008825 TOTARANUI 825	38.8 (31)	280.6 (15)	219.4 (25)	319.0 (38)	486.2 (21)	321.3 (43)	58.0 (38)	5.4 (10)	7.0 (9)	4.1 (26)	437.1 (30)	80.7 (29)	8.1 (39)	-2.3 (6)	487.1 (35)	151.5 (17)	64.6 (33)	41.7 (41)	85.7 (12)	92.9 (30)	21.4 (11)
BNAD106 TUWHARETOA DIPLOMAT D106	38.9 (32)	282.4 (31)	216.0 (34)	329.6 (18)	492.2 (13)	302.4 (22)	62.4 (1)	5.8 (3)	7.0 (9)	4.6 (3)	446.9 (16)	81.1 (27)	12.3 (2)	-1.7 (23)	608.2 (4)	150.9 (14)	66.6 (3)	46.2 (36)	75.0 (29)	100.0 (1)	62.5 (1)
NXTD154 TWYNAM D154	38.5 (26)	283.5 (42)	215.7 (35)	320.3 (35)	482.0 (30)	292.7 (5)	60.2 (12)	5.1 (15)	6.2 (23)	4.0 (34)	449.1 (13)	95.4 (1)	10.1 (18)	-2.9 (1)	469.9 (40)	159.4 (39)	64.6 (33)	60.0 (21)	76.9 (25)	100.0 (1)	0.0 (40)

Angus Sire Benchmarking Program - Cohort 2

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
NZE18954008D213 WAITANGI D213	37.2 (17)	279.3 (3)	224.8 (10)	341.8 (3)	496.9 (10)	314.4 (37)	58.6 (34)	5.8 (3)	7.7 (2)	4.1 (26)	451.3 (10)	80.4 (31)	7.7 (42)	-1.3 (33)	446.2 (44)	153.5 (25)	64.3 (42)	55.0 (28)	75.0 (29)	93.8 (26)	12.5 (26)
NWPE236 WATTLETOP ANDY E236	41.8 (47)	284.2 (44)	224.3 (12)	338.3 (5)	498.7 (7)	321.3 (43)	56.4 (45)	4.8 (32)	6.2 (23)	4.2 (23)	426.6 (38)	77.9 (44)	11.1 (6)	-2.2 (9)	581.8 (10)	147.2 (8)	66.1 (6)	41.4 (42)	92.9 (2)	100.0 (1)	0.0 (40)
NWPE111 WATTLETOP SITZ 458N E111	37.0 (13)	280.4 (12)	216.8 (33)	327.0 (23)	489.3 (18)	313.9 (36)	59.5 (27)	4.9 (24)	6.1 (26)	4.4 (15)	447.3 (15)	83.4 (15)	10.6 (9)	-2.4 (4)	643.2 (2)	146.1 (6)	66.8 (2)	69.0 (9)	90.5 (7)	95.2 (21)	4.8 (39)

8.1.3 ASBP Cohort 3 Progeny Performance Report

AngusSire™
Benchmarking Program

PROGENY PERFORMANCE REPORT

COHORT 3

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 Feedlot
John Dee Abattoir
University of New England (UNE)
Vetoquinol

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.
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James Stephens, Charles Sturt University, Wagga Wagga, NSW.
Douglas Lithgow, Swanpool, VIC, 3673
Bruce 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	ABI	DOM	GRN	GRS
NXOL172	**AJC L172** [SV]				+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
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
ABI	Angus Breeding Index
DOM	Domestic Index
GRN	Heavy Grain Index
GRS	Heavy Grass 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 3
Mid December 2020 TransTasman Angus Cattle Evaluation

Ident	Name	Statistics	Estimated Breeding Values

Sire / Dam	Reg.	Num Herd	Prog	Prog 2Yr.	Calv-Ease Dir	Calv-Ease Dtrs	Birth GL	Birth BW	Growth 200	Growth 400	Growth 600	Growth MCW	Growth Milk	Fert SS	Fert DC	Carcase CW	Carcase EMA	Carcase Rib	Carcase P8	Carcase RBY	Carcase IMF	Feed NFI-F	Temp Doc	Structural Angle	Structural Claw	Selection Index ABI	Selection Index DOM	Selection Index GRN	Selection Index GRS
DGJF27	**ALLOURA FOURTH DIMENSION F27**				+13.3	+12.1	-4.3	-1.5	+26	+48	+54	+16	+13	+0.3	-6.5	+27	+6.1	+1.0	+1.2	-0.4	+3.4	-0.40	-12	+0.82	+0.94	$129	$130	$142	$126
VLYZ191	HBR	8	159	0	66%	54%	91%	95%	92%	92%	92%	88%	82%	89%	65%	86%	84%	87%	84%	82%	84%	78%	85%	83%	83%				
DGJX35					1	1	53	1	99	99	99	99	85	98	21	99	44	17	11	85	10	3	96	15	69	22	15	21	21
DGJG19	**ALLOURA GET UP-AND-GO G19 SV**				-4.8	-5.3	-2.7	+4.7	+44	+81	+107	+94	+21	+1.8	-7.0	+43	+2.5	-1.0	-1.0	+0.1	+1.6	+0.15	+6	+0.88	+0.90	$65	$70	$50	$66
VTMA217	HBR	10	112	0	63%	53%	93%	94%	91%	91%	92%	86%	79%	88%	65%	87%	84%	87%	85%	82%	84%	81%	86%	84%	84%				
DGJB06					89	96	79	62	77	71	69	60	18	56	15	98	94	77	66	69	64	47	50	26	62	84	85	83	85
CGKE9	**ALPINE EXTRA SPECIAL E9 SV**				+5.1	-3.7	-7.5	+5.8	+33	+70	+105	+95	+14	+2.8	+1.9	+49	+3.0	-4.3	-3.3	+2.8	+0.4	+0.15	-23	+0.88	+0.60	$-10	$8	$-49	$20
NZE5141	HBR	7	121	0	62%	49%	91%	95%	93%	92%	93%	86%	91%	86%	57%	88%	86%	89%	87%	84%	86%	80%	81%	75%	75%				
CGKB79					31	92	11	84	98	94	73	58	72	15	99	94	91	99	98	1	96	47	99	26	8	99	99	99	99
WJMF96	**ARDCAIRNIE F96 SV**				+7.6	+6.8	-4.6	+2.8	+51	+91	+122	+103	+15	+2.0	-4.8	+68	+7.5	-1.5	-1.0	+2.1	+1.2	-0.10	-7	+0.86	+0.50	$133	$129	$127	$137
WJMB59	HBR	27	376	34	76%	61%	98%	98%	96%	97%	97%	94%	93%	95%	61%	90%	88%	90%	88%	85%	87%	78%	86%	83%	83%				
WJMD25					15	16	48	18	34	38	30	42	64	46	49	38	23	88	66	4	79	18	89	22	3	19	16	31	13
NBBG117	**BALD BLAIR NEW DESIGN G117 PV**				+0.3	-4.0	-3.3	+4.1	+40	+79	+107	+93	+25	+2.9	-3.9	+60	+5.5	+0.2	+1.4	+0.5	+1.7	-0.25	-8	+0.94	+0.98	$66	$68	$50	$71
USA14474596	HBR	7	44	0	58%	48%	92%	91%	88%	88%	90%	84%	80%	81%	62%	85%	83%	87%	84%	81%	83%	78%	81%	78%	78%				
NBBC174					66	93	70	46	90	78	69	62	3	13	67	72	55	38	9	50	60	8	90	39	76	83	86	83	82
WMYF3	**BLACKROCK F3 SV**				+7.2	+2.4	-10.7	+2.1	+50	+87	+116	+80	+16	+1.2	-2.3	+77	+4.9	-0.8	-0.1	+0.8	+1.3	+0.61	+11	+1.16	+0.92	$132	$125	$137	$131
VLYC402	HBR	8	75	21	62%	50%	95%	94%	91%	90%	91%	86%	82%	88%	62%	87%	84%	88%	85%	82%	84%	79%	88%	84%	84%				
WMYD120					17	54	1	9	40	50	46	84	60	82	88	13	66	71	39	36	76	93	36	85	66	19	19	24	17
NGMF510	**BOOROOMOOKA FRANKEL F510 PV**				-3.7	-9.9	-4.8	+7.6	+61	+106	+145	+137	+19	+2.8	-4.5	+72	+8.0	-2.1	-2.7	+3.0	+1.6	-0.65	+9	+0.92	+0.74	$114	$106	$114	$115
NAQA241	HBR	29	916	0	87%	75%	98%	98%	98%	98%	98%	97%	97%	97%	77%	95%	94%	94%	94%	92%	93%	87%	97%	92%	92%				
NGMZ5					86	99	45	98	5	6	4	4	33	15	55	23	18	95	95	1	64	1	41	35	27	37	43	40	33
QPDF24	**BULLIAC FORWARD LEAP F24 PV**				+6.5	+4.5	-9.1	+3.3	+43	+75	+90	+84	+13	+0.3	-1.6	+45	+8.3	-0.8	-0.9	+3.1	-0.5	-0.05	-20	+1.18	+1.08	$75	$99	$49	$85
USA14963730	HBR	8	129	0	61%	49%	91%	91%	88%	88%	90%	86%	83%	82%	62%	86%	84%	87%	85%	82%	84%	80%	75%	75%	75%				
QPDA28					21	34	4	27	80	87	93	78	80	98	93	97	15	71	63	1	99	22	99	87	89	77	52	84	70
WLHG60	**CHERYLTON INFINITY G60 SV**				+4.5	+3.6	-6.6	+1.2	+43	+75	+95	+94	+13	+2.9	-4.6	+56	+5.3	-3.8	-0.7	+1.3	+1.8	+1.08	+13	+0.94	+0.84	$92	$97	$87	$93
NZE04379	HBR	8	118	0	65%	56%	94%	94%	89%	90%	90%	84%	78%	87%	65%	88%	85%	88%	86%	83%	85%	82%	82%	76%	76%				
CGKB24					35	43	18	4	82	87	89	60	85	13	53	84	59	99	57	17	55	99	27	39	49	61	55	61	60
WLHG40	**CHERYLTON RITO LEGACY 3R9 G40 #**				-17.4	-6.8	+2.9	+7.9	+34	+51	+60	+49	+6	+0.1	-1.3	+26	+7.4	+1.5	+4.2	+1.2	-0.1	-1.00	-22	+0.88	+0.74	$2	$31	$-39	$13
USA14378386	HBR	6	30	0	51%	40%	91%	90%	87%	86%	88%	81%	71%	72%	60%	87%	85%	89%	85%	82%	86%	82%	81%	81%	81%				
USA14924149					99	98	99	99	98	99	99	99	99	99	95	99	24	10	1	20	99	1	99	26	27	99	98	99	99
NBHF526	**CLUNIE RANGE FIRST CLASS F526 PV**				-6.5	+1.7	-5.4	+6.7	+65	+116	+153	+109	+17	+1.5	-2.6	+98	+3.5	+0.0	-1.0	+0.1	+0.8	+0.17	-17	+1.08	+0.84	$126	$122	$127	$123
USA13346328	HBR	15	95	0	61%	49%	95%	94%	91%	91%	92%	86%	80%	84%	66%	89%	87%	90%	88%	86%	87%	83%	86%	85%	85%				
NBHD124					93	61	35	94	2	2	2	31	44	71	86	1	87	45	66	69	90	49	99	72	49	24	23	31	24
USA16873429	**EXAR CONCISE 1304B PV**				-6.3	-2.9	+1.2	+6.5	+49	+80	+101	+88	+15	+2.5	+0.1	+59	+12.8	-3.5	-6.1	+3.6	+3.5	-0.04	-2	+0.92	+1.12	$92	$91	$110	$87
USA16447771	HBR	8	39	0	52%	39%	92%	91%	88%	88%	89%	83%	77%	74%	60%	88%	86%	89%	85%	82%	86%	82%	84%	83%	82%				
USA15937395					93	90	99	92	48	75	80	72	67	25	98	74	1	99	99	1	8	23	78	35	92	61	63	43	68
EUDF0066	**GILMANDYKE FOREMAN F0066 PV**				-1.2	+1.8	-8.1	+5.9	+56	+107	+157	+159	+24	+1.6	-1.9	+74	+2.5	-4.2	-4.4	+2.0	+2.1	-0.55	+6	+0.98	+0.84	$75	$59	$74	$78
NMMD78	HBR	8	70	0	58%	46%	93%	93%	90%	89%	91%	84%	77%	77%	60%	88%	86%	89%	87%	83%	86%	84%	85%	80%	80%				
NARA262					74	60	7	86	13	5	1	1	6	66	91	18	94	99	99	5	42	1	54	49	49	77	91	70	76
QBVA020	**GLENISA AXLE A020 PV**				+1.2	+4.8	-1.3	+5.8	+37	+70	+93	+63	+15	+1.8	-3.3	+58	+1.4	+1.5	+0.6	-1.4	+1.0	+0.39	+5	+0.96	+0.64	$32	$48	$0	$40
USA6595	HBR	7	240	0	63%	51%	91%	96%	92%	93%	94%	87%	86%	87%	65%	91%	87%	90%	88%	84%	87%	85%	80%	78%	78%				
SNOJ39+89					60	31	92	84	94	94	91	96	68	56	77	78	98	10	22	98	85	77	55	44	12	96	95	96	96
	Breed Average EBVs				**+2.0**	**+2.5**	**-4.5**	**+4.2**	**+48**	**+87**	**+114**	**+99**	**+17**	**+2.0**	**-4.8**	**+65**	**+6.0**	**-0.1**	**-0.4**	**+0.5**	**+2.0**	**+0.18**	**+6**	**+0.98**	**+0.85**	**+100**	**+100**	**+100**	**+100**

Angus Australia - Sire Benchmarking Program - Cohort 3
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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	ABI	DOM	GRN	GRS
SJVG10	**GLENTANNER KODIAK G10** PV				-7.9	+4.9	-4.3	+5.8	+44	+73	+93	+102	+9	+1.3	-5.1	+45	-3.6	-1.3	-0.6	-0.4	+0.5	-1.37	+21	+0.62	+0.72	$9	$32	$-22	$14
CAN1274305	HBR	8	85	0	57%	45%	92%	92%	88%	88%	90%	83%	73%	76%	58%	87%	85%	89%	86%	82%	85%	81%	80%	80%	80%				
CAN1274314					96	31	53	84	76	90	91	43	98	78	44	97	99	84	54	85	95	1	9	2	24	99	98	98	99
SJKF148	**GRANITE RIDGE FOR-PROFIT F148** SV				-9.9	-8.9	-6.8	+6.5	+65	+117	+157	+142	+24	+0.3	-0.1	+95	+3.1	+3.6	-0.8	-1.2	+1.3	-0.20	+11	+0.98	+0.72	$64	$58	$71	$55
USA15922661	HBR	9	116	0	75%	55%	94%	94%	91%	91%	92%	84%	85%	85%	57%	88%	85%	88%	86%	82%	85%	80%	80%	76%	77%				
SJKB134					98	99	16	92	2	1	1	3	5	98	98	1	90	1	60	97	76	11	34	49	24	84	92	72	91
NHZF1023	**HAZELDEAN F1023** SV				+7.7	+2.6	-3.3	+3.3	+40	+75	+93	+84	+11	+4.0	-7.6	+66	+6.9	+3.0	-0.4	-3.0	+6.0	+1.39	-4	+0.98	+0.56	$90	$82	$126	$81
VTMB1	APR	21	482	203	71%	57%	98%	98%	96%	96%	96%	88%	85%	94%	67%	91%	88%	91%	88%	85%	88%	84%	94%	90%	90%				
NHZB723					14	52	70	27	90	87	91	78	92	2	9	46	31	2	48	99	1	99	84	49	6	64	74	31	74
NHZF493	**HAZELDEAN F493** SV				-8.4	+3.4	-6.8	+6.7	+56	+95	+124	+95	+23	+3.8	-8.2	+62	+11.2	-0.3	+0.1	+1.9	+3.5	+0.33	+7	+0.80	+0.90	$166	$148	$193	$161
USA16154968	APR	8	103	0	76%	53%	94%	95%	92%	92%	93%	90%	88%	88%	65%	89%	86%	89%	87%	84%	86%	82%	92%	88%	87%				
NHZD786					96	45	16	94	14	24	26	58	8	3	6	61	3	55	34	6	8	71	50	13	62	4	5	4	3
BCHE11	**J & C EVIDENCE E11** SV				-15.9	-13.9	-5.8	+9.3	+60	+106	+124	+120	+12	+2.8	-3.7	+96	+6.4	-3.0	+0.2	+2.1	+1.3	+0.55	+2	+0.82	+1.06	$82	$99	$77	$79
BCHA10	HBR	18	232	2	65%	50%	95%	96%	94%	94%	94%	88%	87%	88%	61%	89%	87%	90%	87%	84%	86%	81%	85%	73%	74%				
BCHA2					99	99	29	99	6	6	27	16	87	15	70	1	39	99	31	4	76	90	65	15	87	71	52	68	76
NZE1036	**KAKAHU MISSION 1036** SV				-2.5	+6.1	-0.1	+5.3	+47	+86	+122	+111	+12	+2.0	-5.3	+64	+10.3	+1.5	+0.0	+0.9	+2.0	+0.65	-4	+0.92	+0.92	$94	$87	$81	$101
USA13395344	HBR	6	28	0	69%	57%	96%	96%	94%	94%	95%	92%	90%	93%	67%	89%	88%	90%	88%	85%	87%	81%	81%	69%	68%				
NZE08402					81	20	97	75	61	55	32	27	86	46	40	54	5	10	37	31	47	94	82	35	66	59	68	65	50
NZCF80	**KO DYNAMITE F80** SV				-0.5	-0.3	-5.8	+3.8	+46	+79	+97	+81	+12	+1.8	-6.0	+66	+5.0	+0.7	+1.2	-1.6	+3.9	+0.45	+3	+1.02	+1.02	$107	$103	$131	$98
USA15585939	HBR	7	80	0	60%	50%	91%	94%	91%	90%	91%	88%	86%	87%	60%	89%	86%	89%	87%	84%	86%	83%	90%	85%	85%				
NZCZ90					71	76	29	38	68	79	87	83	88	56	28	48	64	23	11	99	4	83	61	59	82	44	47	28	54
TFAF3	**LANDFALL FORCE F3** SV				+2.2	+2.9	-10.1	+5.5	+53	+98	+132	+122	+13	+2.5	-3.3	+61	+8.7	+1.9	-0.6	+1.7	+0.5	+0.18	+5	+1.06	+0.78	$85	$92	$62	$96
TFAC47	HBR	9	133	0	67%	56%	95%	96%	94%	94%	95%	91%	90%	91%	64%	89%	88%	90%	88%	85%	87%	81%	89%	85%	84%				
TFAC311					53	50	2	79	25	17	14	13	85	25	77	68	12	6	54	9	95	51	56	68	36	69	62	77	57
VLYG1730	**LAWSONS GENERAL G1730** SV				-30.8	-21.4	+0.3	+7.9	+55	+92	+115	+113	+14	+1.8	-6.6	+76	+11.8	-3.9	-5.2	+4.7	+0.0	+0.19	-1	+0.84	+0.94	$30	$47	$8	$36
VLYB1155	HBR	26	317	0	78%	61%	97%	97%	96%	95%	95%	92%	93%	92%	67%	91%	90%	92%	90%	86%	89%	84%	94%	92%	92%				
VLYD1720					99	99	98	99	17	33	48	24	79	56	19	13	2	99	99	1	99	52	76	18	69	96	95	95	96
NZE14738007	**MERCHISTON INFINITY 774** SV				-5.8	-13.7	-3.1	+6.1	+47	+94	+124	+123	+18	+4.5	-1.1	+64	+1.9	-3.0	-0.6	+0.0	+1.6	+0.16	+0	+0.82	+0.24	$15	$27	$-7	$20
NZE04379	HBR	8	40	0	86%	74%	97%	98%	97%	97%	98%	97%	97%	96%	78%	95%	94%	95%	94%	92%	93%	89%	83%	74%	73%				
NZE14738104313					92	99	73	88	61	27	28	12	40	1	95	54	97	99	54	72	64	48	73	15	1	98	99	97	99
NMMF159	**MILLAH MURRAH DOC F159** PV				-7.4	+4.0	-6.4	+6.8	+59	+111	+152	+134	+28	+2.7	-5.5	+93	+3.8	+1.9	+2.6	-0.5	+1.4	-0.09	+4	+1.10	+0.92	$100	$91	$96	$100
NMMD78	HBR	33	298	15	79%	64%	98%	97%	96%	96%	96%	94%	94%	95%	69%	92%	91%	92%	91%	88%	89%	83%	94%	84%	84%				
NHZY275					95	39	21	95	8	3	2	5	1	18	36	1	83	6	2	88	72	18	59	76	66	53	63	54	52
NMMG18	**MILLAH MURRAH HIGHLANDER G18**				-1.0	-5.3	-3.7	+4.6	+49	+89	+112	+96	+22	+4.5	-3.1	+74	+8.3	-2.8	-1.1	+3.0	+0.5	-0.06	-2	+0.92	+0.80	$87	$99	$68	$94
NZE12170004408	HBR	11	172	2	66%	52%	96%	95%	92%	92%	91%	87%	81%	87%	64%	89%	87%	90%	88%	85%	87%	83%	89%	78%	78%				
NMMD85					73	96	64	59	44	44	56	57	10	1	80	17	15	99	69	1	95	21	77	35	40	67	52	74	59
NJWF189	**MILWILLAH ELSOM F189** SV				+1.6	+5.5	-4.4	+4.8	+50	+94	+130	+119	+23	+2.2	-4.8	+91	+8.0	-1.9	-4.6	+2.4	+1.0	-0.56	+6	+0.94	+0.82	$82	$83	$65	$90
NAQA241	HBR	9	66	0	62%	52%	93%	92%	90%	89%	90%	84%	81%	79%	65%	89%	87%	90%	87%	84%	87%	85%	84%	84%	84%				
NJWD123					57	25	51	64	39	26	16	16	7	37	49	1	18	93	99	2	85	1	54	39	44	71	73	76	64
WGMF195	**MORDALLUP TIMELINE F195** SV				-19.3	-13.6	+0.4	+8.8	+47	+79	+108	+116	-4	+2.1	-3.7	+58	+4.7	-2.5	-0.9	+2.1	+0.3	-0.25	+9	+1.08	+0.88	$-1	$19	$-40	$18
CAN1232661	HBR	7	133	0	62%	48%	94%	95%	92%	91%	93%	85%	86%	73%	52%	89%	86%	89%	86%	83%	86%	83%	78%	76%	77%				
WGMB254					99	99	98	99	58	77	67	20	99	42	70	78	70	98	63	4	97	8	42	72	57	99	99	99	99
	Breed Average EBVs				**+2.0**	**+2.5**	**-4.5**	**+4.2**	**+48**	**+87**	**+114**	**+99**	**+17**	**+2.0**	**-4.8**	**+65**	**+6.0**	**-0.1**	**-0.4**	**+0.5**	**+2.0**	**+0.18**	**+6**	**+0.98**	**+0.85**	**+100**	**+100**	**+100**	**+100**

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Mid December 2020 TransTasman Angus Cattle Evaluation

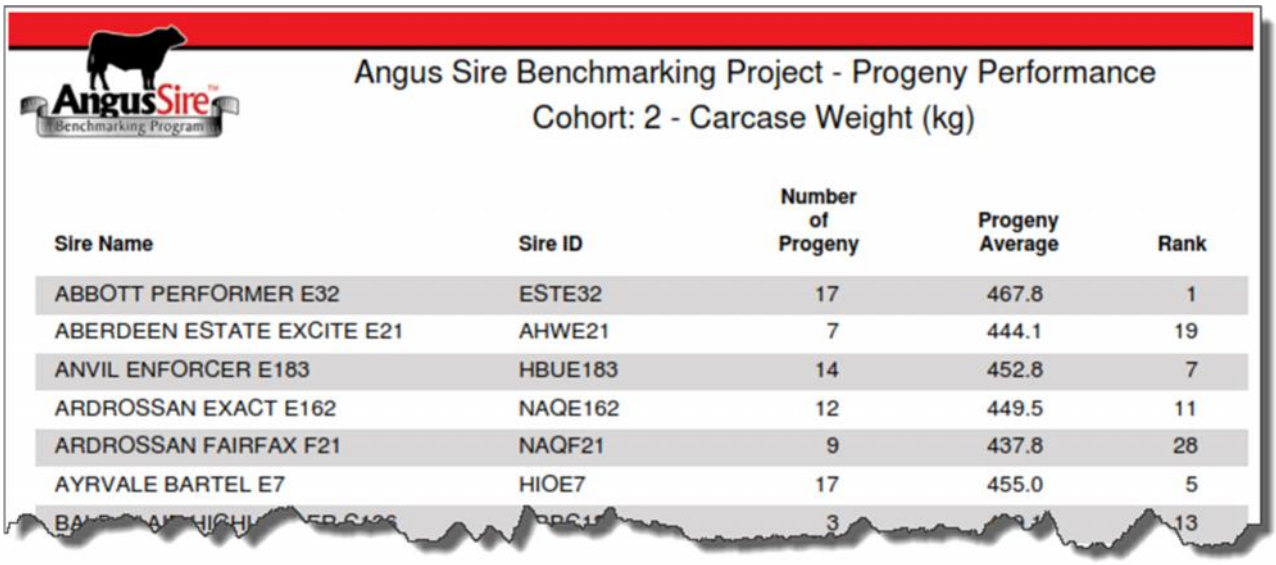
Ident / Sire / Dam	Name / Reg.	Statistics: Num Herd	Prog	Prog 2Yr.	Calv-Ease: Dir	Calv-Ease: Dtrs	Birth: GL	Birth: BW	Growth: 200	Growth: 400	Growth: 600	Growth: MCW	Growth: Milk	Fert: SS	Fert: DC	Carcase: CW	Carcase: EMA	Carcase: Rib	Carcase: P8	Carcase: RBY	Carcase: IMF	Feed: NFI-F	Temp: Doc	Structural: Angle	Structural: Claw	Selection Index: ABI	Selection Index: DOM	Selection Index: GRN	Selection Index: GRS
NURG20	**MURRAY EL GRANDO G20** SV				-10.7	+3.1	-7.0	+7.4	+66	+111	+155	+147	+13	+3.9	-4.5	+92	+11.8	-4.3	-5.1	+3.6	+3.3	-0.33	+2	+0.74	+0.88	$145	$121	$171	$144
USA13058662	HBR	18	216	1	74%	62%	96%	96%	94%	94%	95%	93%	91%	90%	76%	91%	89%	91%	89%	87%	89%	83%	93%	92%	92%				
VTMD113					98	48	15	98	1	3	2	2	83	2	55	1	2	99	99	1	11	5	67	7	57	11	24	9	9
NZE21095009	**NGAPUTAHI E38** #				-2.4	-6.5	-2.4	+7.1	+49	+80	+97	+94	+9	+2.1	-3.2	+57	+1.9	-2.1	-2.7	+0.1	+2.4	-0.45	-16	+1.04	+0.70	$55	$68	$52	$48
NZE2109500590	HBR	5	39	0	67%	49%	94%	96%	94%	95%	93%	88%	91%	93%	61%	92%	90%	92%	90%	87%	90%	85%	82%	63%	63%				
NZE16271103409					80	98	83	96	47	75	87	61	98	42	78	80	97	95	95	69	32	2	98	64	20	89	86	82	94
SMPF195	**PATHFINDER EQUATOR F195** SV				-3.9	+3.8	-7.7	+5.9	+54	+91	+125	+127	+16	+2.1	-0.5	+86	+8.6	-4.5	-5.9	+3.9	+0.6	-0.07	+14	+0.92	+0.72	$60	$66	$46	$68
NAQA241	HBR	7	61	0	58%	49%	88%	92%	88%	88%	89%	81%	77%	83%	61%	85%	82%	86%	83%	80%	82%	77%	77%	79%	79%				
SMPB493					86	41	9	86	21	36	24	9	60	42	97	3	13	99	99	1	93	20	24	35	24	87	87	85	84
NZE10285	**RED OAK ZULU 285** SV				-5.2	-12.7	-1.0	+6.0	+27	+50	+57	+45	+4	-0.9	+0.6	+12	+0.3	+1.4	+3.3	-1.7	+0.1	+0.26	-5	+1.04	+0.56	$-41	$-1	$-88	$-29
NZE689	HBR	6	27	0	63%	50%	91%	95%	93%	92%	93%	88%	87%	88%	67%	90%	89%	91%	89%	86%	88%	84%	78%	60%	59%				
NZE21117108999					90	99	94	87	99	99	99	99	99	99	99	99	99	11	1	99	99	62	85	64	6	99	99	99	99
NORF857	**RENNYLEA AMBASSADOR F857** PV				-8.0	-0.2	-3.6	+6.1	+48	+93	+121	+122	+16	+1.7	-9.0	+88	+2.5	+1.5	+0.2	-1.2	+4.9	+0.80	-1	+1.08	+0.90	$98	$87	$123	$91
NORD372	APR	13	707	87	73%	62%	96%	98%	97%	97%	96%	92%	95%	96%	68%	92%	91%	92%	91%	88%	90%	86%	91%	81%	81%				
NORW449					96	76	66	88	54	30	33	14	61	61	3	2	94	10	31	97	1	98	76	72	62	55	68	33	63
NORF340	**RENNYLEA BLACK GOLD F340** PV				+6.8	+1.2	-4.2	+1.5	+36	+69	+82	+65	+3	+0.6	-2.8	+31	+4.1	-1.4	-0.3	-1.2	+3.2	-0.27	-2	+0.84	+0.76	$75	$85	$76	$72
NZE04379	HBR	25	170	0	68%	58%	96%	95%	93%	93%	93%	90%	90%	88%	70%	89%	87%	90%	88%	85%	87%	83%	88%	85%	85%				
VLYZ1393					19	65	55	5	97	95	98	95	99	95	84	99	79	86	45	97	13	7	79	18	32	77	71	69	81
NORF266	**RENNYLEA F266** PV				+8.0	+5.5	-5.8	-0.2	+41	+72	+97	+45	+27	+1.1	-0.2	+53	+7.3	+0.0	-1.4	-0.9	+2.3	+0.21	-4	+1.00	+1.08	$104	$94	$122	$99
NZE04379	HBR	22	734	0	88%	73%	98%	98%	98%	98%	98%	97%	97%	98%	85%	95%	94%	95%	94%	92%	93%	89%	98%	93%	94%				
VLYZ1393					13	25	29	1	86	92	86	99	2	85	98	89	26	45	76	94	35	55	83	54	89	48	60	34	53
USA16396573	**S A V CAMARO 9272** SV				+8.7	+5.1	-7.7	+3.7	+48	+78	+94	+82	+9	+1.7	-9.0	+46	+1.2	+0.7	-1.2	+0.9	+1.7	+1.10	-3	+0.76	+1.06	$125	$134	$121	$121
USA0035	HBR	11	153	0	72%	54%	97%	97%	95%	95%	95%	91%	93%	89%	63%	91%	89%	91%	89%	86%	88%	83%	82%	81%	81%				
USA15688516					10	29	9	36	52	82	90	82	98	61	3	96	99	23	71	31	60	99	80	8	87	25	12	35	26
DBLF4	**TOPBOS AMBASSADOR F4** PV				+0.9	-11.5	+0.2	+4.5	+52	+94	+125	+93	+28	+2.1	-5.1	+81	+6.7	-3.6	-4.7	+1.3	+4.6	-0.45	-29	+0.96	+0.56	$142	$118	$188	$130
BNAD145	HBR	48	911	0	88%	73%	98%	98%	98%	98%	97%	97%	97%	97%	74%	94%	92%	93%	93%	90%	91%	84%	90%	87%	86%				
BNAC115					62	99	98	57	32	27	24	62	1	42	44	7	34	99	99	17	1	2	99	44	6	13	27	5	18
NZE17691009	**TURIHAUA REX E297** #				+5.1	-4.5	-5.3	+4.2	+30	+54	+79	+80	+13	+1.1	-3.1	+23	+1.7	+1.4	+1.2	+0.6	-0.6	-0.22	+6	+1.30	+0.38	$-12	$11	$-60	$12
NZE17691006B141	HBR	7	45	0	77%	62%	95%	98%	96%	97%	97%	95%	94%	96%	71%	93%	92%	93%	92%	90%	91%	87%	80%	60%	59%				
NZE17691106B48					31	94	36	49	99	99	98	83	85	85	80	99	98	11	11	45	99	9	52	96	1	99	99	99	99
BSCF73	**WAITARA PIO FEDERAL F73** SV				+5.7	+7.1	-4.5	+1.6	+57	+104	+134	+80	+24	+2.5	-3.9	+86	+4.6	+0.1	-0.7	+0.3	+1.6	+0.39	+2	+1.22	+1.42	$169	$158	$188	$164
USA15688392	HBR	37	497	0	77%	58%	98%	98%	97%	97%	97%	95%	94%	96%	69%	94%	92%	94%	92%	89%	92%	87%	96%	94%	94%				
BSCZ66					26	14	50	5	12	8	11	84	4	25	67	3	71	41	57	60	64	77	67	91	99	3	3	5	3
NZEB11	**WAITAWHETA B11** #				+7.7	-0.8	-3.7	+2.6	+21	+55	+68	+44	+15	+0.8	-5.0	+24	-3.4	+2.5	+0.7	-2.3	+0.2	+0.41	+6	+1.22	+0.80	$-27	$12	$-80	$-7
NZE13780079544	HBR	6	36	0	76%	63%	94%	97%	96%	96%	96%	94%	95%	94%	68%	93%	92%	93%	92%	89%	91%	86%	80%	74%	74%				
NZE18938195405					14	79	64	15	99	99	99	99	64	92	45	99	99	3	19	99	98	79	50	91	40	99	99	99	99
	Breed Average EBVs				**+2.0**	**+2.5**	**-4.5**	**+4.2**	**+48**	**+87**	**+114**	**+99**	**+17**	**+2.0**	**-4.8**	**+65**	**+6.0**	**-0.1**	**-0.4**	**+0.5**	**+2.0**	**+0.18**	**+6**	**+0.98**	**+0.85**	**+100**	**+100**	**+100**	**+100**

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: 3 - Birth Weight (kg)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
ALLOURA FOURTH DIMENSION F27	DGJF27	25	34.1	1
ALLOURA GET UP-AND-GO G19	DGJG19	26	37.0	15
ALPINE EXTRA SPECIAL E9	CGKE9	24	37.1	18
ARDCAIRNIE F96	WJMF96	20	36.2	7
BALD BLAIR NEW DESIGN G117	NBBG117	18	36.3	9
BLACKROCK F3	WMYF3	29	36.5	10
BOOROOMOOKA FRANKEL F510	NGMF510	22	40.3	39
BULLIAC FORWARD LEAP F24	QPDF24	14	35.1	4
CHERYLTON INFINITY G60	WLHG60	19	34.8	3
CHERYLTON RITO LEGACY 3R9 G40	WLHG40	31	39.1	33
CLUNIE RANGE FIRST CLASS F526	NBHF526	21	39.8	37
EXAR CONCISE 1304B	USA16873429	24	39.7	36
GILMANDYKE FOREMAN F0066	EUDF0066	26	38.2	27
GLENISA AXLE A020	QBVA020	22	38.2	27
GLENTANNER KODIAK G10	SJVG10	28	37.5	21
GRANITE RIDGE FOR-PROFIT F148	SJKF148	26	36.8	13
HAZELDEAN F1023	NHZF1023	24	38.0	25
HAZELDEAN F493	NHZF493	29	38.1	26
J & C EVIDENCE E11	BCHE11	20	40.2	38
KAKAHU MISSION 1036	NZE1036	21	38.3	29
KO DYNAMITE F80	NZCF80	21	36.9	14
LANDFALL FORCE F3	TFAF3	25	37.1	18
LAWSONS GENERAL G1730	VLYG1730	29	39.4	35
MERCHISTON INFINITY 774	NZE14738007774	23	38.7	30
MILLAH MURRAH DOC F159	NMMF159	16	38.8	32
MILLAH MURRAH HIGHLANDER G18	NMMG18	19	37.0	15
MILWILLAH ELSOM F189	NJWF189	32	37.5	21
MORDALLUP TIMELINE F195	WGMF195	23	39.1	33
MURRAY EL GRANDO G20	NURG20	24	37.6	23
NGAPUTAHI E38	NZE21095009E38	14	41.3	40
PATHFINDER EQUATOR F195	SMPF195	18	38.7	30
RED OAK ZULU 285	NZE10285	20	37.7	24
RENNYLEA AMBASSADOR F857	NORF857	30	37.0	15
RENNYLEA BLACK GOLD F340	NORF340	25	34.3	2
RENNYLEA F266	NORF266	31	35.5	5
S A V CAMARO 9272	USA16396573	28	36.0	6
TOPBOS AMBASSADOR F4	DBLF4	27	37.3	20
TURIHAUA REX E297	NZE17691009E297	31	36.7	12

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 3 - Birth Weight (kg)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
WAITARA PIO FEDERAL F73	BSCF73	37	36.5	10
WAITAWHETA B11	NZEB11	28	36.2	7

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 3 - Gestation Length (days)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
ALLOURA FOURTH DIMENSION F27	DGJF27	12	283.0	23
ALLOURA GET UP-AND-GO G19	DGJG19	15	283.2	24
ALPINE EXTRA SPECIAL E9	CGKE9	14	279.3	4
ARDCAIRNIE F96	WJMF96	12	281.9	16
BALD BLAIR NEW DESIGN G117	NBBG117	18	282.3	20
BLACKROCK F3	WMYF3	16	279.2	3
BOOROOMOOKA FRANKEL F510	NGMF510	12	281.5	14
BULLIAC FORWARD LEAP F24	QPDF24	8	278.5	1
CHERYLTON INFINITY G60	WLHG60	10	283.5	27
CHERYLTON RITO LEGACY 3R9 G40	WLHG40	20	286.9	39
CLUNIE RANGE FIRST CLASS F526	NBHF526	16	281.9	16
EXAR CONCISE 1304B	USA16873429	12	286.6	38
GILMANDYKE FOREMAN F0066	EUDF0066	20	280.2	5
GLENISA AXLE A020	QBVA020	18	284.2	33
GLENTANNER KODIAK G10	SJVG10	20	283.8	30
GRANITE RIDGE FOR-PROFIT F148	SJKF148	16	280.6	7
HAZELDEAN F1023	NHZF1023	14	283.7	28
HAZELDEAN F493	NHZF493	18	281.7	15
J & C EVIDENCE E11	BCHE11	12	280.8	9
KAKAHU MISSION 1036	NZE1036	14	286.4	36
KO DYNAMITE F80	NZCF80	17	280.5	6
LANDFALL FORCE F3	TFAF3	16	280.7	8
LAWSONS GENERAL G1730	VLYG1730	23	284.0	31
MERCHISTON INFINITY 774	NZE14738007774	16	284.5	34
MILLAH MURRAH DOC F159	NMMF159	18	283.3	25
MILLAH MURRAH HIGHLANDER G18	NMMG18	17	284.1	32
MILWILLAH ELSOM F189	NJWF189	18	282.4	22
MORDALLUP TIMELINE F195	WGMF195	12	286.4	36
MURRAY EL GRANDO G20	NURG20	12	281.0	10
NGAPUTAHI E38	NZE21095009E38	32	283.7	28
PATHFINDER EQUATOR F195	SMPF195	14	281.1	11
RED OAK ZULU 285	NZE10285	17	285.7	35
RENNYLEA AMBASSADOR F857	NORF857	23	281.1	11
RENNYLEA BLACK GOLD F340	NORF340	18	281.9	16
RENNYLEA F266	NORF266	15	282.1	19
S A V CAMARO 9272	USA16396573	16	279.1	2
TOPBOS AMBASSADOR F4	DBLF4	17	287.1	40
TURIHAUA REX E297	NZE17691009E297	15	281.4	13

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 3 - Gestation Length (days)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
WAITARA PIO FEDERAL F73	BSCF73	17	283.4	26
WAITAWHETA B11	NZEB11	18	282.3	20

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 3 - 200 Day Weight (kg)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
ALLOURA FOURTH DIMENSION F27	DGJF27	25	192.1	35
ALLOURA GET UP-AND-GO G19	DGJG19	23	202.7	17
ALPINE EXTRA SPECIAL E9	CGKE9	27	190.7	39
ARDCAIRNIE F96	WJMF96	23	198.9	21
BALD BLAIR NEW DESIGN G117	NBBG117	25	197.0	29
BLACKROCK F3	WMYF3	27	204.3	11
BOOROOMOOKA FRANKEL F510	NGMF510	22	200.3	20
BULLIAC FORWARD LEAP F24	QPDF24	17	194.2	33
CHERYLTON INFINITY G60	WLHG60	25	201.6	19
CHERYLTON RITO LEGACY 3R9 G40	WLHG40	32	187.6	40
CLUNIE RANGE FIRST CLASS F526	NBHF526	27	204.1	13
EXAR CONCISE 1304B	USA16873429	29	205.0	9
GILMANDYKE FOREMAN F0066	EUDF0066	33	197.8	25
GLENISA AXLE A020	QBVA020	29	190.8	38
GLENTANNER KODIAK G10	SJVG10	33	196.1	31
GRANITE RIDGE FOR-PROFIT F148	SJKF148	31	205.9	6
HAZELDEAN F1023	NHZF1023	30	204.2	12
HAZELDEAN F493	NHZF493	33	207.7	3
J & C EVIDENCE E11	BCHE11	24	204.4	10
KAKAHU MISSION 1036	NZE1036	27	203.4	15
KO DYNAMITE F80	NZCF80	27	198.5	23
LANDFALL FORCE F3	TFAF3	30	196.6	30
LAWSONS GENERAL G1730	VLYG1730	36	206.2	5
MERCHISTON INFINITY 774	NZE14738007774	29	207.5	4
MILLAH MURRAH DOC F159	NMMF159	22	205.9	6
MILLAH MURRAH HIGHLANDER G18	NMMG18	30	201.9	18
MILWILLAH ELSOM F189	NJWF189	35	197.3	27
MORDALLUP TIMELINE F195	WGMF195	28	205.2	8
MURRAY EL GRANDO G20	NURG20	24	208.3	2
NGAPUTAHI E38	NZE21095009E38	38	203.5	14
PATHFINDER EQUATOR F195	SMPF195	24	202.9	16
RED OAK ZULU 285	NZE10285	27	191.5	37
RENNYLEA AMBASSADOR F857	NORF857	37	198.7	22
RENNYLEA BLACK GOLD F340	NORF340	33	195.8	32
RENNYLEA F266	NORF266	36	198.0	24
S A V CAMARO 9272	USA16396573	31	197.3	27
TOPBOS AMBASSADOR F4	DBLF4	30	197.4	26
TURIHAUA REX E297	NZE17691009E297	33	194.1	34

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 3 - 200 Day Weight (kg)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
WAITARA PIO FEDERAL F73	BSCF73	44	209.6	1
WAITAWHETA B11	NZEB11	34	191.8	36

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 3 - 400 Day Weight (kg)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
ALLOURA FOURTH DIMENSION F27	DGJF27	12	359.3	40
ALLOURA GET UP-AND-GO G19	DGJG19	5	396.7	13
ALPINE EXTRA SPECIAL E9	CGKE9	12	370.2	37
ARDCAIRNIE F96	WJMF96	11	390.3	18
BALD BLAIR NEW DESIGN G117	NBBG117	9	397.5	11
BLACKROCK F3	WMYF3	14	388.2	22
BOOROOMOOKA FRANKEL F510	NGMF510	13	405.9	3
BULLIAC FORWARD LEAP F24	QPDF24	8	386.9	23
CHERYLTON INFINITY G60	WLHG60	6	382.3	29
CHERYLTON RITO LEGACY 3R9 G40	WLHG40	17	360.7	39
CLUNIE RANGE FIRST CLASS F526	NBHF526	15	402.7	8
EXAR CONCISE 1304B	USA16873429	16	388.8	20
GILMANDYKE FOREMAN F0066	EUDF0066	16	384.0	26
GLENISA AXLE A020	QBVA020	13	388.4	21
GLENTANNER KODIAK G10	SJVG10	21	382.9	28
GRANITE RIDGE FOR-PROFIT F148	SJKF148	13	407.6	1
HAZELDEAN F1023	NHZF1023	17	390.7	17
HAZELDEAN F493	NHZF493	14	407.4	2
J & C EVIDENCE E11	BCHE11	10	404.9	6
KAKAHU MISSION 1036	NZE1036	10	381.0	32
KO DYNAMITE F80	NZCF80	8	384.3	25
LANDFALL FORCE F3	TFAF3	12	397.9	10
LAWSONS GENERAL G1730	VLYG1730	16	400.3	9
MERCHISTON INFINITY 774	NZE14738007774	13	393.9	14
MILLAH MURRAH DOC F159	NMMF159	12	385.8	24
MILLAH MURRAH HIGHLANDER G18	NMMG18	15	382.3	29
MILWILLAH ELSOM F189	NJWF189	17	397.1	12
MORDALLUP TIMELINE F195	WGMF195	13	393.5	16
MURRAY EL GRANDO G20	NURG20	13	405.8	4
NGAPUTAHI E38	NZE21095009E38	10	402.9	7
PATHFINDER EQUATOR F195	SMPF195	14	383.8	27
RED OAK ZULU 285	NZE10285	9	375.0	35
RENNYLEA AMBASSADOR F857	NORF857	14	370.3	36
RENNYLEA BLACK GOLD F340	NORF340	19	389.8	19
RENNYLEA F266	NORF266	13	380.1	33
S A V CAMARO 9272	USA16396573	15	381.7	31
TOPBOS AMBASSADOR F4	DBLF4	15	393.7	15
TURIHAUA REX E297	NZE17691009E297	12	365.2	38

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 3 - 400 Day Weight (kg)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
WAITARA PIO FEDERAL F73	BSCF73	20	405.3	5
WAITAWHETA B11	NZEB11	16	379.4	34

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 3 - 600 Day Weight (kg)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
ALLOURA FOURTH DIMENSION F27	DGJF27	11	512.9	36
ALLOURA GET UP-AND-GO G19	DGJG19	14	537.3	21
ALPINE EXTRA SPECIAL E9	CGKE9	14	515.0	34
ARDCAIRNIE F96	WJMF96	12	551.2	10
BALD BLAIR NEW DESIGN G117	NBBG117	13	544.0	12
BLACKROCK F3	WMYF3	13	555.2	8
BOOROOMOOKA FRANKEL F510	NGMF510	10	555.5	7
BULLIAC FORWARD LEAP F24	QPDF24	12	510.5	38
CHERYLTON INFINITY G60	WLHG60	18	531.1	25
CHERYLTON RITO LEGACY 3R9 G40	WLHG40	18	515.4	33
CLUNIE RANGE FIRST CLASS F526	NBHF526	13	565.9	1
EXAR CONCISE 1304B	USA16873429	15	533.4	23
GILMANDYKE FOREMAN F0066	EUDF0066	22	561.4	2
GLENISA AXLE A020	QBVA020	21	526.0	30
GLENTANNER KODIAK G10	SJVG10	19	521.6	31
GRANITE RIDGE FOR-PROFIT F148	SJKF148	17	550.6	11
HAZELDEAN F1023	NHZF1023	18	542.4	15
HAZELDEAN F493	NHZF493	20	558.7	4
J & C EVIDENCE E11	BCHE11	15	530.6	26
KAKAHU MISSION 1036	NZE1036	18	558.3	5
KO DYNAMITE F80	NZCF80	18	530.2	28
LANDFALL FORCE F3	TFAF3	17	539.3	19
LAWSONS GENERAL G1730	VLYG1730	23	535.4	22
MERCHISTON INFINITY 774	NZE14738007774	19	540.1	18
MILLAH MURRAH DOC F159	NMMF159	9	542.1	16
MILLAH MURRAH HIGHLANDER G18	NMMG18	20	543.0	14
MILWILLAH ELSOM F189	NJWF189	22	551.3	9
MORDALLUP TIMELINE F195	WGMF195	18	538.5	20
MURRAY EL GRANDO G20	NURG20	14	560.7	3
NGAPUTAHI E38	NZE21095009E38	27	529.2	29
PATHFINDER EQUATOR F195	SMPF195	9	543.2	13
RED OAK ZULU 285	NZE10285	20	515.0	34
RENNYLEA AMBASSADOR F857	NORF857	22	540.7	17
RENNYLEA BLACK GOLD F340	NORF340	20	521.5	32
RENNYLEA F266	NORF266	17	530.3	27
S A V CAMARO 9272	USA16396573	20	507.9	39
TOPBOS AMBASSADOR F4	DBLF4	12	532.9	24
TURIHAUA REX E297	NZE17691009E297	26	511.1	37

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 3 - 600 Day Weight (kg)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
WAITARA PIO FEDERAL F73	BSCF73	17	557.5	6
WAITAWHETA B11	NZEB11	23	507.2	40

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 3 - Days to Calving (heifers) (days)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
ALLOURA FOURTH DIMENSION F27	DGJF27	10	300.7	16
ALLOURA GET UP-AND-GO G19	DGJG19	6	290.1	1
ALPINE EXTRA SPECIAL E9	CGKE9	6	316.6	40
ARDCAIRNIE F96	WJMF96	8	310.5	37
BALD BLAIR NEW DESIGN G117	NBBG117	8	302.1	22
BLACKROCK F3	WMYF3	8	301.5	19
BOOROOMOOKA FRANKEL F510	NGMF510	7	304.1	26
BULLIAC FORWARD LEAP F24	QPDF24	2	297.7	9
CHERYLTON INFINITY G60	WLHG60	6	292.4	3
CHERYLTON RITO LEGACY 3R9 G40	WLHG40	12	309.9	36
CLUNIE RANGE FIRST CLASS F526	NBHF526	9	300.4	15
EXAR CONCISE 1304B	USA16873429	6	308.4	34
GILMANDYKE FOREMAN F0066	EUDF0066	10	301.9	20
GLENISA AXLE A020	QBVA020	7	296.8	7
GLENTANNER KODIAK G10	SJVG10	13	309.4	35
GRANITE RIDGE FOR-PROFIT F148	SJKF148	8	308.2	33
HAZELDEAN F1023	NHZF1023	9	302.8	24
HAZELDEAN F493	NHZF493	13	299.2	11
J & C EVIDENCE E11	BCHE11	6	313.0	38
KAKAHU MISSION 1036	NZE1036	10	304.9	28
KO DYNAMITE F80	NZCF80	3	294.1	5
LANDFALL FORCE F3	TFAF3	11	301.4	18
LAWSONS GENERAL G1730	VLYG1730	13	297.5	8
MERCHISTON INFINITY 774	NZE14738007774	5	293.1	4
MILLAH MURRAH DOC F159	NMMF159	9	300.0	12
MILLAH MURRAH HIGHLANDER G18	NMMG18	8	307.5	32
MILWILLAH ELSOM F189	NJWF189	10	302.0	21
MORDALLUP TIMELINE F195	WGMF195	7	300.3	14
MURRAY EL GRANDO G20	NURG20	7	301.1	17
NGAPUTAHI E38	NZE21095009E38	7	305.8	31
PATHFINDER EQUATOR F195	SMPF195	9	305.6	30
RED OAK ZULU 285	NZE10285	6	298.6	10
RENNYLEA AMBASSADOR F857	NORF857	8	303.9	25
RENNYLEA BLACK GOLD F340	NORF340	11	314.3	39
RENNYLEA F266	NORF266	8	300.0	12
S A V CAMARO 9272	USA16396573	6	290.6	2
TOPBOS AMBASSADOR F4	DBLF4	14	302.3	23
TURIHAUA REX E297	NZE17691009E297	7	304.8	27

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 3 - Days to Calving (heifers) (days)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
WAITARA PIO FEDERAL F73	BSCF73	14	305.2	29
WAITAWHETA B11	NZEB11	12	295.7	6

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 3 - Scan EMA (sq cm)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
ALLOURA FOURTH DIMENSION F27	DGJF27	22	66.0	15
ALLOURA GET UP-AND-GO G19	DGJG19	19	64.9	26
ALPINE EXTRA SPECIAL E9	CGKE9	23	62.4	39
ARDCAIRNIE F96	WJMF96	22	69.0	2
BALD BLAIR NEW DESIGN G117	NBBG117	21	67.0	11
BLACKROCK F3	WMYF3	25	67.2	9
BOOROOMOOKA FRANKEL F510	NGMF510	18	65.8	16
BULLIAC FORWARD LEAP F24	QPDF24	17	62.9	38
CHERYLTON INFINITY G60	WLHG60	24	65.3	23
CHERYLTON RITO LEGACY 3R9 G40	WLHG40	29	64.0	31
CLUNIE RANGE FIRST CLASS F526	NBHF526	24	67.7	6
EXAR CONCISE 1304B	USA16873429	23	68.4	3
GILMANDYKE FOREMAN F0066	EUDF0066	30	64.9	26
GLENISA AXLE A020	QBVA020	27	65.6	19
GLENTANNER KODIAK G10	SJVG10	32	61.2	40
GRANITE RIDGE FOR-PROFIT F148	SJKF148	30	65.8	16
HAZELDEAN F1023	NHZF1023	28	68.0	5
HAZELDEAN F493	NHZF493	32	68.1	4
J & C EVIDENCE E11	BCHE11	21	66.8	12
KAKAHU MISSION 1036	NZE1036	26	67.7	6
KO DYNAMITE F80	NZCF80	26	63.9	32
LANDFALL FORCE F3	TFAF3	25	65.0	25
LAWSONS GENERAL G1730	VLYG1730	32	67.1	10
MERCHISTON INFINITY 774	NZE14738007774	26	65.5	20
MILLAH MURRAH DOC F159	NMMF159	18	65.4	22
MILLAH MURRAH HIGHLANDER G18	NMMG18	26	67.3	8
MILWILLAH ELSOM F189	NJWF189	33	66.7	13
MORDALLUP TIMELINE F195	WGMF195	25	64.6	28
MURRAY EL GRANDO G20	NURG20	22	69.3	1
NGAPUTAHI E38	NZE21095009E38	36	65.1	24
PATHFINDER EQUATOR F195	SMPF195	23	65.5	20
RED OAK ZULU 285	NZE10285	26	63.4	37
RENNYLEA AMBASSADOR F857	NORF857	32	64.6	28
RENNYLEA BLACK GOLD F340	NORF340	32	64.4	30
RENNYLEA F266	NORF266	28	63.8	34
S A V CAMARO 9272	USA16396573	28	63.5	36
TOPBOS AMBASSADOR F4	DBLF4	28	65.7	18
TURIHAUA REX E297	NZE17691009E297	29	63.8	34

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 3 - Scan EMA (sq cm)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
WAITARA PIO FEDERAL F73	BSCF73	33	66.2	14
WAITAWHETA B11	NZEB11	31	63.9	32

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 3 - Scan Rib Fat (mm)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
ALLOURA FOURTH DIMENSION F27	DGJF27	19	8.5	1
ALLOURA GET UP-AND-GO G19	DGJG19	18	7.8	8
ALPINE EXTRA SPECIAL E9	CGKE9	21	5.8	40
ARDCAIRNIE F96	WJMF96	21	7.7	10
BALD BLAIR NEW DESIGN G117	NBBG117	22	7.4	18
BLACKROCK F3	WMYF3	24	7.6	14
BOOROOMOOKA FRANKEL F510	NGMF510	18	7.3	20
BULLIAC FORWARD LEAP F24	QPDF24	15	6.4	36
CHERYLTON INFINITY G60	WLHG60	22	6.5	35
CHERYLTON RITO LEGACY 3R9 G40	WLHG40	27	7.4	18
CLUNIE RANGE FIRST CLASS F526	NBHF526	22	8.0	7
EXAR CONCISE 1304B	USA16873429	21	6.6	31
GILMANDYKE FOREMAN F0066	EUDF0066	28	6.4	36
GLENISA AXLE A020	QBVA020	22	7.2	22
GLENTANNER KODIAK G10	SJVG10	29	6.4	36
GRANITE RIDGE FOR-PROFIT F148	SJKF148	25	8.4	2
HAZELDEAN F1023	NHZF1023	24	8.4	2
HAZELDEAN F493	NHZF493	30	7.7	10
J & C EVIDENCE E11	BCHE11	19	6.6	31
KAKAHU MISSION 1036	NZE1036	23	7.2	22
KO DYNAMITE F80	NZCF80	23	6.8	28
LANDFALL FORCE F3	TFAF3	23	7.8	8
LAWSONS GENERAL G1730	VLYG1730	30	6.6	31
MERCHISTON INFINITY 774	NZE14738007774	23	7.1	25
MILLAH MURRAH DOC F159	NMMF159	17	8.1	5
MILLAH MURRAH HIGHLANDER G18	NMMG18	23	7.5	16
MILWILLAH ELSOM F189	NJWF189	28	6.6	31
MORDALLUP TIMELINE F195	WGMF195	22	6.8	28
MURRAY EL GRANDO G20	NURG20	20	7.1	25
NGAPUTAHI E38	NZE21095009E38	32	7.0	27
PATHFINDER EQUATOR F195	SMPF195	21	5.9	39
RED OAK ZULU 285	NZE10285	23	7.3	20
RENNYLEA AMBASSADOR F857	NORF857	27	8.3	4
RENNYLEA BLACK GOLD F340	NORF340	28	7.6	14
RENNYLEA F266	NORF266	25	7.7	10
S A V CAMARO 9272	USA16396573	26	7.5	16
TOPBOS AMBASSADOR F4	DBLF4	26	6.8	28
TURIHAUA REX E297	NZE17691009E297	24	7.2	22

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 3 - Scan Rib Fat (mm)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
WAITARA PIO FEDERAL F73	BSCF73	33	7.7	10
WAITAWHETA B11	NZEB11	26	8.1	5

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 3 - Scan Rump Fat (mm)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
ALLOURA FOURTH DIMENSION F27	DGJF27	20	10.8	1
ALLOURA GET UP-AND-GO G19	DGJG19	18	10.0	14
ALPINE EXTRA SPECIAL E9	CGKE9	21	7.7	39
ARDCAIRNIE F96	WJMF96	22	10.1	11
BALD BLAIR NEW DESIGN G117	NBBG117	22	9.3	28
BLACKROCK F3	WMYF3	23	10.3	8
BOOROOMOOKA FRANKEL F510	NGMF510	18	10.1	11
BULLIAC FORWARD LEAP F24	QPDF24	15	9.2	30
CHERYLTON INFINITY G60	WLHG60	22	9.6	24
CHERYLTON RITO LEGACY 3R9 G40	WLHG40	27	10.6	2
CLUNIE RANGE FIRST CLASS F526	NBHF526	22	10.0	14
EXAR CONCISE 1304B	USA16873429	21	8.4	35
GILMANDYKE FOREMAN F0066	EUDF0066	27	8.5	34
GLENISA AXLE A020	QBVA020	22	9.7	22
GLENTANNER KODIAK G10	SJVG10	29	9.5	26
GRANITE RIDGE FOR-PROFIT F148	SJKF148	25	9.9	16
HAZELDEAN F1023	NHZF1023	23	10.2	10
HAZELDEAN F493	NHZF493	29	10.6	2
J & C EVIDENCE E11	BCHE11	19	9.1	31
KAKAHU MISSION 1036	NZE1036	23	9.5	26
KO DYNAMITE F80	NZCF80	23	9.6	24
LANDFALL FORCE F3	TFAF3	23	9.3	28
LAWSONS GENERAL G1730	VLYG1730	31	8.3	37
MERCHISTON INFINITY 774	NZE14738007774	23	10.6	2
MILLAH MURRAH DOC F159	NMMF159	17	10.3	8
MILLAH MURRAH HIGHLANDER G18	NMMG18	23	10.5	6
MILWILLAH ELSOM F189	NJWF189	28	8.3	37
MORDALLUP TIMELINE F195	WGMF195	22	9.9	16
MURRAY EL GRANDO G20	NURG20	19	9.1	31
NGAPUTAHI E38	NZE21095009E38	33	9.1	31
PATHFINDER EQUATOR F195	SMPF195	21	7.3	40
RED OAK ZULU 285	NZE10285	23	10.5	6
RENNYLEA AMBASSADOR F857	NORF857	27	9.8	19
RENNYLEA BLACK GOLD F340	NORF340	28	10.1	11
RENNYLEA F266	NORF266	25	10.6	2
S A V CAMARO 9272	USA16396573	26	8.4	35
TOPBOS AMBASSADOR F4	DBLF4	26	9.8	19
TURIHAUA REX E297	NZE17691009E297	25	9.7	22

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 3 - Scan Rump Fat (mm)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
WAITARA PIO FEDERAL F73	BSCF73	31	9.8	19
WAITAWHETA B11	NZEB11	27	9.9	16

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 3 - Scan IMF (%)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
ALLOURA FOURTH DIMENSION F27	DGJF27	22	6.4	1
ALLOURA GET UP-AND-GO G19	DGJG19	19	5.4	24
ALPINE EXTRA SPECIAL E9	CGKE9	23	4.9	40
ARDCAIRNIE F96	WJMF96	22	5.6	12
BALD BLAIR NEW DESIGN G117	NBBG117	21	5.0	39
BLACKROCK F3	WMYF3	25	5.7	10
BOOROOMOOKA FRANKEL F510	NGMF510	18	5.4	24
BULLIAC FORWARD LEAP F24	QPDF24	17	5.3	32
CHERYLTON INFINITY G60	WLHG60	24	5.7	10
CHERYLTON RITO LEGACY 3R9 G40	WLHG40	29	5.4	24
CLUNIE RANGE FIRST CLASS F526	NBHF526	24	5.6	12
EXAR CONCISE 1304B	USA16873429	23	5.9	6
GILMANDYKE FOREMAN F0066	EUDF0066	30	5.5	20
GLENISA AXLE A020	QBVA020	27	5.3	32
GLENTANNER KODIAK G10	SJVG10	32	5.3	32
GRANITE RIDGE FOR-PROFIT F148	SJKF148	30	5.8	9
HAZELDEAN F1023	NHZF1023	28	6.1	2
HAZELDEAN F493	NHZF493	32	6.0	4
J & C EVIDENCE E11	BCHE11	21	5.2	38
KAKAHU MISSION 1036	NZE1036	26	5.6	12
KO DYNAMITE F80	NZCF80	26	5.6	12
LANDFALL FORCE F3	TFAF3	25	5.5	20
LAWSONS GENERAL G1730	VLYG1730	31	5.3	32
MERCHISTON INFINITY 774	NZE14738007774	26	5.5	20
MILLAH MURRAH DOC F159	NMMF159	18	5.4	24
MILLAH MURRAH HIGHLANDER G18	NMMG18	26	5.6	12
MILWILLAH ELSOM F189	NJWF189	33	5.4	24
MORDALLUP TIMELINE F195	WGMF195	25	5.6	12
MURRAY EL GRANDO G20	NURG20	22	6.0	4
NGAPUTAHI E38	NZE21095009E38	36	5.5	20
PATHFINDER EQUATOR F195	SMPF195	23	5.4	24
RED OAK ZULU 285	NZE10285	26	5.4	24
RENNYLEA AMBASSADOR F857	NORF857	32	5.9	6
RENNYLEA BLACK GOLD F340	NORF340	31	5.9	6
RENNYLEA F266	NORF266	28	5.6	12
S A V CAMARO 9272	USA16396573	28	5.3	32
TOPBOS AMBASSADOR F4	DBLF4	28	6.1	2
TURIHAUA REX E297	NZE17691009E297	29	5.4	24

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 3 - Scan IMF (%)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
WAITARA PIO FEDERAL F73	BSCF73	34	5.6	12
WAITAWHETA B11	NZEB11	31	5.3	32

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 3 - Carcase Weight (kg)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
ALLOURA FOURTH DIMENSION F27	DGJF27	8	426.6	36
ALLOURA GET UP-AND-GO G19	DGJG19	9	432.3	31
ALPINE EXTRA SPECIAL E9	CGKE9	11	434.6	30
ARDCAIRNIE F96	WJMF96	8	465.0	11
BALD BLAIR NEW DESIGN G117	NBBG117	10	453.4	19
BLACKROCK F3	WMYF3	10	479.1	2
BOOROOMOOKA FRANKEL F510	NGMF510	8	444.3	26
BULLIAC FORWARD LEAP F24	QPDF24	10	430.2	35
CHERYLTON INFINITY G60	WLHG60	12	449.9	23
CHERYLTON RITO LEGACY 3R9 G40	WLHG40	14	432.1	32
CLUNIE RANGE FIRST CLASS F526	NBHF526	10	486.8	1
EXAR CONCISE 1304B	USA16873429	14	446.7	25
GILMANDYKE FOREMAN F0066	EUDF0066	16	451.6	22
GLENISA AXLE A020	QBVA020	19	452.4	21
GLENTANNER KODIAK G10	SJVG10	16	430.9	33
GRANITE RIDGE FOR-PROFIT F148	SJKF148	13	473.0	7
HAZELDEAN F1023	NHZF1023	17	462.3	13
HAZELDEAN F493	NHZF493	13	454.5	18
J & C EVIDENCE E11	BCHE11	11	476.3	3
KAKAHU MISSION 1036	NZE1036	10	468.9	9
KO DYNAMITE F80	NZCF80	17	462.4	12
LANDFALL FORCE F3	TFAF3	11	435.1	29
LAWSONS GENERAL G1730	VLYG1730	17	461.9	14
MERCHISTON INFINITY 774	NZE14738007774	17	452.6	20
MILLAH MURRAH DOC F159	NMMF159	8	474.1	6
MILLAH MURRAH HIGHLANDER G18	NMMG18	15	460.9	15
MILWILLAH ELSOM F189	NJWF189	16	476.1	4
MORDALLUP TIMELINE F195	WGMF195	16	454.8	17
MURRAY EL GRANDO G20	NURG20	11	475.8	5
NGAPUTAHI E38	NZE21095009E38	23	442.4	27
PATHFINDER EQUATOR F195	SMPF195	9	460.5	16
RED OAK ZULU 285	NZE10285	15	425.2	37
RENNYLEA AMBASSADOR F857	NORF857	19	467.2	10
RENNYLEA BLACK GOLD F340	NORF340	18	417.9	40
RENNYLEA F266	NORF266	14	441.2	28
S A V CAMARO 9272	USA16396573	17	423.6	39
TOPBOS AMBASSADOR F4	DBLF4	9	448.5	24
TURIHAUA REX E297	NZE17691009E297	20	430.3	34

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 3 - Carcase Weight (kg)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
WAITARA PIO FEDERAL F73	BSCF73	14	470.9	8
WAITAWHETA B11	NZEB11	18	424.4	38

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 3 - Carcase EMA (sq cm)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
ALLOURA FOURTH DIMENSION F27	DGJF27	8	87.7	20
ALLOURA GET UP-AND-GO G19	DGJG19	9	82.8	38
ALPINE EXTRA SPECIAL E9	CGKE9	11	87.4	24
ARDCAIRNIE F96	WJMF96	8	92.1	7
BALD BLAIR NEW DESIGN G117	NBBG117	10	92.2	6
BLACKROCK F3	WMYF3	10	88.0	18
BOOROOMOOKA FRANKEL F510	NGMF510	8	93.3	5
BULLIAC FORWARD LEAP F24	QPDF24	9	86.8	25
CHERYLTON INFINITY G60	WLHG60	12	89.3	13
CHERYLTON RITO LEGACY 3R9 G40	WLHG40	14	91.7	10
CLUNIE RANGE FIRST CLASS F526	NBHF526	10	84.1	34
EXAR CONCISE 1304B	USA16873429	14	96.1	1
GILMANDYKE FOREMAN F0066	EUDF0066	16	85.7	30
GLENISA AXLE A020	QBVA020	19	85.6	31
GLENTANNER KODIAK G10	SJVG10	16	80.9	40
GRANITE RIDGE FOR-PROFIT F148	SJKF148	12	86.8	25
HAZELDEAN F1023	NHZF1023	17	88.9	15
HAZELDEAN F493	NHZF493	13	94.0	4
J & C EVIDENCE E11	BCHE11	11	88.8	16
KAKAHU MISSION 1036	NZE1036	10	94.5	3
KO DYNAMITE F80	NZCF80	17	87.7	20
LANDFALL FORCE F3	TFAF3	11	86.7	27
LAWSONS GENERAL G1730	VLYG1730	17	91.5	11
MERCHISTON INFINITY 774	NZE14738007774	17	82.9	37
MILLAH MURRAH DOC F159	NMMF159	8	84.9	33
MILLAH MURRAH HIGHLANDER G18	NMMG18	15	92.0	8
MILWILLAH ELSOM F189	NJWF189	16	87.7	20
MORDALLUP TIMELINE F195	WGMF195	16	86.2	28
MURRAY EL GRANDO G20	NURG20	11	95.9	2
NGAPUTAHI E38	NZE21095009E38	23	85.0	32
PATHFINDER EQUATOR F195	SMPF195	9	90.6	12
RED OAK ZULU 285	NZE10285	15	83.5	35
RENNYLEA AMBASSADOR F857	NORF857	19	88.2	17
RENNYLEA BLACK GOLD F340	NORF340	18	85.9	29
RENNYLEA F266	NORF266	14	87.6	23
S A V CAMARO 9272	USA16396573	17	83.4	36
TOPBOS AMBASSADOR F4	DBLF4	9	92.0	8
TURIHAUA REX E297	NZE17691009E297	20	89.0	14

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 3 - Carcase EMA (sq cm)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
WAITARA PIO FEDERAL F73	BSCF73	14	87.8	19
WAITAWHETA B11	NZEB11	18	81.6	39

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 3 - Carcase Rump Fat (mm)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
ALLOURA FOURTH DIMENSION F27	DGJF27	8	19.3	25
ALLOURA GET UP-AND-GO G19	DGJG19	9	17.5	33
ALPINE EXTRA SPECIAL E9	CGKE9	11	19.4	23
ARDCAIRNIE F96	WJMF96	8	21.3	7
BALD BLAIR NEW DESIGN G117	NBBG117	10	20.5	10
BLACKROCK F3	WMYF3	10	21.8	5
BOOROOMOOKA FRANKEL F510	NGMF510	8	18.0	30
BULLIAC FORWARD LEAP F24	QPDF24	10	19.7	18
CHERYLTON INFINITY G60	WLHG60	12	20.4	11
CHERYLTON RITO LEGACY 3R9 G40	WLHG40	14	23.3	1
CLUNIE RANGE FIRST CLASS F526	NBHF526	10	17.6	32
EXAR CONCISE 1304B	USA16873429	14	15.7	39
GILMANDYKE FOREMAN F0066	EUDF0066	16	15.4	40
GLENISA AXLE A020	QBVA020	19	21.2	8
GLENTANNER KODIAK G10	SJVG10	16	19.1	27
GRANITE RIDGE FOR-PROFIT F148	SJKF148	13	21.6	6
HAZELDEAN F1023	NHZF1023	17	17.9	31
HAZELDEAN F493	NHZF493	13	20.2	13
J & C EVIDENCE E11	BCHE11	11	22.0	4
KAKAHU MISSION 1036	NZE1036	10	19.7	18
KO DYNAMITE F80	NZCF80	17	20.1	14
LANDFALL FORCE F3	TFAF3	11	19.5	22
LAWSONS GENERAL G1730	VLYG1730	17	17.5	33
MERCHISTON INFINITY 774	NZE14738007774	17	19.2	26
MILLAH MURRAH DOC F159	NMMF159	8	22.4	2
MILLAH MURRAH HIGHLANDER G18	NMMG18	15	19.9	16
MILWILLAH ELSOM F189	NJWF189	16	18.2	29
MORDALLUP TIMELINE F195	WGMF195	16	19.7	18
MURRAY EL GRANDO G20	NURG20	11	17.1	36
NGAPUTAHI E38	NZE21095009E38	23	17.5	33
PATHFINDER EQUATOR F195	SMPF195	9	16.5	37
RED OAK ZULU 285	NZE10285	15	22.3	3
RENNYLEA AMBASSADOR F857	NORF857	19	19.8	17
RENNYLEA BLACK GOLD F340	NORF340	18	19.7	18
RENNYLEA F266	NORF266	14	20.9	9
S A V CAMARO 9272	USA16396573	17	18.9	28
TOPBOS AMBASSADOR F4	DBLF4	9	16.1	38
TURIHAUA REX E297	NZE17691009E297	20	20.4	11

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 3 - Carcase Rump Fat (mm)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
WAITARA PIO FEDERAL F73	BSCF73	14	20.0	15
WAITAWHETA B11	NZEB11	18	19.4	23

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 3 - Carcase Rib Fat (mm)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
ALLOURA FOURTH DIMENSION F27	DGJF27	8	17.2	21
ALLOURA GET UP-AND-GO G19	DGJG19	9	18.6	9
ALPINE EXTRA SPECIAL E9	CGKE9	11	15.9	30
ARDCAIRNIE F96	WJMF96	8	16.2	28
BALD BLAIR NEW DESIGN G117	NBBG117	10	17.5	18
BLACKROCK F3	WMYF3	10	17.5	18
BOOROOMOOKA FRANKEL F510	NGMF510	8	15.4	34
BULLIAC FORWARD LEAP F24	QPDF24	9	17.1	23
CHERYLTON INFINITY G60	WLHG60	11	13.9	40
CHERYLTON RITO LEGACY 3R9 G40	WLHG40	14	19.0	6
CLUNIE RANGE FIRST CLASS F526	NBHF526	9	15.7	33
EXAR CONCISE 1304B	USA16873429	14	16.7	25
GILMANDYKE FOREMAN F0066	EUDF0066	16	14.2	39
GLENISA AXLE A020	QBVA020	19	19.5	5
GLENTANNER KODIAK G10	SJVG10	16	17.2	21
GRANITE RIDGE FOR-PROFIT F148	SJKF148	12	22.9	1
HAZELDEAN F1023	NHZF1023	17	20.4	2
HAZELDEAN F493	NHZF493	13	17.5	18
J & C EVIDENCE E11	BCHE11	11	16.3	26
KAKAHU MISSION 1036	NZE1036	10	19.8	3
KO DYNAMITE F80	NZCF80	17	17.6	16
LANDFALL FORCE F3	TFAF3	11	19.6	4
LAWSONS GENERAL G1730	VLYG1730	17	15.8	32
MERCHISTON INFINITY 774	NZE14738007774	17	16.3	26
MILLAH MURRAH DOC F159	NMMF159	8	18.9	8
MILLAH MURRAH HIGHLANDER G18	NMMG18	14	15.4	34
MILWILLAH ELSOM F189	NJWF189	16	18.0	12
MORDALLUP TIMELINE F195	WGMF195	15	16.1	29
MURRAY EL GRANDO G20	NURG20	11	14.7	38
NGAPUTAHI E38	NZE21095009E38	22	15.9	30
PATHFINDER EQUATOR F195	SMPF195	8	15.0	37
RED OAK ZULU 285	NZE10285	15	17.9	14
RENNYLEA AMBASSADOR F857	NORF857	19	18.1	11
RENNYLEA BLACK GOLD F340	NORF340	18	16.9	24
RENNYLEA F266	NORF266	14	18.0	12
S A V CAMARO 9272	USA16396573	16	17.6	16
TOPBOS AMBASSADOR F4	DBLF4	9	15.3	36
TURIHAUA REX E297	NZE17691009E297	19	18.3	10

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 3 - Carcase Rib Fat (mm)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
WAITARA PIO FEDERAL F73	BSCF73	14	17.9	14
WAITAWHETA B11	NZEB11	18	19.0	6

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 3 - Carcase IMF (%)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
ALLOURA FOURTH DIMENSION F27	DGJF27	8	12.0	5
ALLOURA GET UP-AND-GO G19	DGJG19	9	9.2	23
ALPINE EXTRA SPECIAL E9	CGKE9	11	9.4	20
ARDCAIRNIE F96	WJMF96	8	9.2	23
BALD BLAIR NEW DESIGN G117	NBBG117	10	10.8	13
BLACKROCK F3	WMYF3	10	8.4	36
BOOROOMOOKA FRANKEL F510	NGMF510	8	12.0	5
BULLIAC FORWARD LEAP F24	QPDF24	10	7.9	40
CHERYLTON INFINITY G60	WLHG60	12	9.2	23
CHERYLTON RITO LEGACY 3R9 G40	WLHG40	14	8.9	28
CLUNIE RANGE FIRST CLASS F526	NBHF526	10	8.3	37
EXAR CONCISE 1304B	USA16873429	14	11.3	9
GILMANDYKE FOREMAN F0066	EUDF0066	16	10.4	15
GLENISA AXLE A020	QBVA020	19	9.4	20
GLENTANNER KODIAK G10	SJVG10	16	8.9	28
GRANITE RIDGE FOR-PROFIT F148	SJKF148	13	10.0	17
HAZELDEAN F1023	NHZF1023	17	13.8	1
HAZELDEAN F493	NHZF493	13	11.7	7
J & C EVIDENCE E11	BCHE11	11	9.0	27
KAKAHU MISSION 1036	NZE1036	10	10.1	16
KO DYNAMITE F80	NZCF80	17	12.1	4
LANDFALL FORCE F3	TFAF3	11	8.0	39
LAWSONS GENERAL G1730	VLYG1730	17	8.9	28
MERCHISTON INFINITY 774	NZE14738007774	17	9.4	20
MILLAH MURRAH DOC F159	NMMF159	8	9.9	19
MILLAH MURRAH HIGHLANDER G18	NMMG18	15	8.9	28
MILWILLAH ELSOM F189	NJWF189	16	8.9	28
MORDALLUP TIMELINE F195	WGMF195	16	8.5	35
MURRAY EL GRANDO G20	NURG20	11	11.4	8
NGAPUTAHI E38	NZE21095009E38	23	11.2	10
PATHFINDER EQUATOR F195	SMPF195	9	8.6	34
RED OAK ZULU 285	NZE10285	15	9.2	23
RENNYLEA AMBASSADOR F857	NORF857	19	12.6	3
RENNYLEA BLACK GOLD F340	NORF340	18	10.9	12
RENNYLEA F266	NORF266	14	11.1	11
S A V CAMARO 9272	USA16396573	17	10.6	14
TOPBOS AMBASSADOR F4	DBLF4	9	13.3	2
TURIHAUA REX E297	NZE17691009E297	20	8.3	37

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 3 - Carcase IMF (%)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
WAITARA PIO FEDERAL F73	BSCF73	14	10.0	17
WAITAWHETA B11	NZEB11	18	8.8	33

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 3 - Net Feed Intake (kg/day)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
ALLOURA FOURTH DIMENSION F27	DGJF27	8	-3.4	5
ALLOURA GET UP-AND-GO G19	DGJG19	10	-2.4	30
ALPINE EXTRA SPECIAL E9	CGKE9	11	-2.4	30
ARDCAIRNIE F96	WJMF96	8	-3.3	9
BALD BLAIR NEW DESIGN G117	NBBG117	10	-3.4	5
BLACKROCK F3	WMYF3	10	-2.5	27
BOOROOMOOKA FRANKEL F510	NGMF510	8	-3.7	1
BULLIAC FORWARD LEAP F24	QPDF24	11	-2.7	21
CHERYLTON INFINITY G60	WLHG60	12	-1.8	39
CHERYLTON RITO LEGACY 3R9 G40	WLHG40	14	-3.5	3
CLUNIE RANGE FIRST CLASS F526	NBHF526	10	-2.8	17
EXAR CONCISE 1304B	USA16873429	15	-3.0	12
GILMANDYKE FOREMAN F0066	EUDF0066	18	-3.1	11
GLENISA AXLE A020	QBVA020	20	-2.6	25
GLENTANNER KODIAK G10	SJVG10	15	-3.7	1
GRANITE RIDGE FOR-PROFIT F148	SJKF148	13	-3.2	10
HAZELDEAN F1023	NHZF1023	17	-2.0	38
HAZELDEAN F493	NHZF493	13	-2.4	30
J & C EVIDENCE E11	BCHE11	11	-2.1	37
KAKAHU MISSION 1036	NZE1036	12	-2.5	27
KO DYNAMITE F80	NZCF80	17	-2.6	25
LANDFALL FORCE F3	TFAF3	11	-2.9	15
LAWSONS GENERAL G1730	VLYG1730	17	-2.4	30
MERCHISTON INFINITY 774	NZE14738007774	17	-2.7	21
MILLAH MURRAH DOC F159	NMMF159	8	-2.5	27
MILLAH MURRAH HIGHLANDER G18	NMMG18	16	-2.9	15
MILWILLAH ELSOM F189	NJWF189	18	-3.5	3
MORDALLUP TIMELINE F195	WGMF195	17	-2.8	17
MURRAY EL GRANDO G20	NURG20	11	-3.4	5
NGAPUTAHI E38	NZE21095009E38	22	-2.8	17
PATHFINDER EQUATOR F195	SMPF195	9	-3.0	12
RED OAK ZULU 285	NZE10285	15	-2.4	30
RENNYLEA AMBASSADOR F857	NORF857	19	-2.4	30
RENNYLEA BLACK GOLD F340	NORF340	18	-3.4	5
RENNYLEA F266	NORF266	14	-2.8	17
S A V CAMARO 9272	USA16396573	17	-1.6	40
TOPBOS AMBASSADOR F4	DBLF4	8	-2.7	21
TURIHAUA REX E297	NZE17691009E297	20	-3.0	12

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 3 - Net Feed Intake (kg/day)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
WAITARA PIO FEDERAL F73	BSCF73	14	-2.7	21
WAITAWHETA B11	NZEB11	18	-2.4	30

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 3 - MSA Marble Score (Score)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
ALLOURA FOURTH DIMENSION F27	DGJF27	8	528.7	13
ALLOURA GET UP-AND-GO G19	DGJG19	9	475.1	31
ALPINE EXTRA SPECIAL E9	CGKE9	11	542.2	9
ARDCAIRNIE F96	WJMF96	8	527.2	14
BALD BLAIR NEW DESIGN G117	NBBG117	10	484.6	23
BLACKROCK F3	WMYF3	10	458.8	34
BOOROOMOOKA FRANKEL F510	NGMF510	8	551.2	7
BULLIAC FORWARD LEAP F24	QPDF24	9	443.3	37
CHERYLTON INFINITY G60	WLHG60	12	477.7	28
CHERYLTON RITO LEGACY 3R9 G40	WLHG40	14	471.2	33
CLUNIE RANGE FIRST CLASS F526	NBHF526	10	458.3	35
EXAR CONCISE 1304B	USA16873429	14	563.0	5
GILMANDYKE FOREMAN F0066	EUDF0066	16	482.4	25
GLENISA AXLE A020	QBVA020	19	500.6	17
GLENTANNER KODIAK G10	SJVG10	16	483.4	24
GRANITE RIDGE FOR-PROFIT F148	SJKF148	12	495.9	18
HAZELDEAN F1023	NHZF1023	17	572.8	3
HAZELDEAN F493	NHZF493	13	545.8	8
J & C EVIDENCE E11	BCHE11	11	518.7	15
KAKAHU MISSION 1036	NZE1036	10	518.7	15
KO DYNAMITE F80	NZCF80	17	588.6	2
LANDFALL FORCE F3	TFAF3	11	428.1	39
LAWSONS GENERAL G1730	VLYG1730	17	534.4	11
MERCHISTON INFINITY 774	NZE14738007774	17	475.5	30
MILLAH MURRAH DOC F159	NMMF159	8	472.1	32
MILLAH MURRAH HIGHLANDER G18	NMMG18	15	487.7	20
MILWILLAH ELSOM F189	NJWF189	16	493.3	19
MORDALLUP TIMELINE F195	WGMF195	16	446.0	36
MURRAY EL GRANDO G20	NURG20	11	552.0	6
NGAPUTAHI E38	NZE21095009E38	23	536.2	10
PATHFINDER EQUATOR F195	SMPF195	9	480.7	26
RED OAK ZULU 285	NZE10285	15	441.6	38
RENNYLEA AMBASSADOR F857	NORF857	19	567.8	4
RENNYLEA BLACK GOLD F340	NORF340	18	530.1	12
RENNYLEA F266	NORF266	14	486.8	21
S A V CAMARO 9272	USA16396573	17	475.6	29
TOPBOS AMBASSADOR F4	DBLF4	9	669.7	1
TURIHAUA REX E297	NZE17691009E297	20	480.2	27

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 3 - MSA Marble Score (Score)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
WAITARA PIO FEDERAL F73	BSCF73	14	486.7	22
WAITAWHETA B11	NZEB11	18	418.4	40

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 3 - MSA Ossification (Score)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
ALLOURA FOURTH DIMENSION F27	DGJF27	8	148.2	14
ALLOURA GET UP-AND-GO G19	DGJG19	9	149.6	21
ALPINE EXTRA SPECIAL E9	CGKE9	11	156.3	34
ARDCAIRNIE F96	WJMF96	8	165.4	40
BALD BLAIR NEW DESIGN G117	NBBG117	10	161.8	39
BLACKROCK F3	WMYF3	10	150.2	22
BOOROOMOOKA FRANKEL F510	NGMF510	8	151.2	26
BULLIAC FORWARD LEAP F24	QPDF24	9	151.3	27
CHERYLTON INFINITY G60	WLHG60	12	159.7	38
CHERYLTON RITO LEGACY 3R9 G40	WLHG40	14	144.9	3
CLUNIE RANGE FIRST CLASS F526	NBHF526	10	146.5	8
EXAR CONCISE 1304B	USA16873429	14	148.6	18
GILMANDYKE FOREMAN F0066	EUDF0066	16	154.0	32
GLENISA AXLE A020	QBVA020	19	148.4	16
GLENTANNER KODIAK G10	SJVG10	16	147.0	9
GRANITE RIDGE FOR-PROFIT F148	SJKF148	12	145.4	4
HAZELDEAN F1023	NHZF1023	17	146.2	6
HAZELDEAN F493	NHZF493	13	144.5	2
J & C EVIDENCE E11	BCHE11	11	145.4	4
KAKAHU MISSION 1036	NZE1036	10	159.5	37
KO DYNAMITE F80	NZCF80	17	157.1	35
LANDFALL FORCE F3	TFAF3	11	153.4	31
LAWSONS GENERAL G1730	VLYG1730	17	147.2	10
MERCHISTON INFINITY 774	NZE14738007774	17	147.8	12
MILLAH MURRAH DOC F159	NMMF159	8	144.0	1
MILLAH MURRAH HIGHLANDER G18	NMMG18	15	148.7	19
MILWILLAH ELSOM F189	NJWF189	16	147.4	11
MORDALLUP TIMELINE F195	WGMF195	16	152.7	30
MURRAY EL GRANDO G20	NURG20	11	150.6	24
NGAPUTAHI E38	NZE21095009E38	23	150.4	23
PATHFINDER EQUATOR F195	SMPF195	9	148.9	20
RED OAK ZULU 285	NZE10285	15	147.9	13
RENNYLEA AMBASSADOR F857	NORF857	19	152.5	29
RENNYLEA BLACK GOLD F340	NORF340	18	148.4	16
RENNYLEA F266	NORF266	14	158.7	36
S A V CAMARO 9272	USA16396573	17	150.9	25
TOPBOS AMBASSADOR F4	DBLF4	9	148.3	15
TURIHAUA REX E297	NZE17691009E297	20	155.1	33

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 3 - MSA Ossification (Score)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
WAITARA PIO FEDERAL F73	BSCF73	14	152.2	28
WAITAWHETA B11	NZEB11	18	146.3	7

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 3 - MSA Index (Index)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
ALLOURA FOURTH DIMENSION F27	DGJF27	8	65.3	12
ALLOURA GET UP-AND-GO G19	DGJG19	9	64.5	30
ALPINE EXTRA SPECIAL E9	CGKE9	11	65.2	15
ARDCAIRNIE F96	WJMF96	8	64.9	20
BALD BLAIR NEW DESIGN G117	NBBG117	10	64.3	33
BLACKROCK F3	WMYF3	10	64.6	28
BOOROOMOOKA FRANKEL F510	NGMF510	8	65.6	9
BULLIAC FORWARD LEAP F24	QPDF24	9	64.1	36
CHERYLTON INFINITY G60	WLHG60	12	64.2	35
CHERYLTON RITO LEGACY 3R9 G40	WLHG40	14	64.7	25
CLUNIE RANGE FIRST CLASS F526	NBHF526	10	64.7	25
EXAR CONCISE 1304B	USA16873429	14	65.7	7
GILMANDYKE FOREMAN F0066	EUDF0066	16	64.4	31
GLENISA AXLE A020	QBVA020	19	65.1	17
GLENTANNER KODIAK G10	SJVG10	16	64.8	22
GRANITE RIDGE FOR-PROFIT F148	SJKF148	12	65.4	11
HAZELDEAN F1023	NHZF1023	17	66.5	2
HAZELDEAN F493	NHZF493	13	65.9	5
J & C EVIDENCE E11	BCHE11	11	65.6	9
KAKAHU MISSION 1036	NZE1036	10	65.2	15
KO DYNAMITE F80	NZCF80	17	66.0	3
LANDFALL FORCE F3	TFAF3	11	63.9	39
LAWSONS GENERAL G1730	VLYG1730	17	65.7	7
MERCHISTON INFINITY 774	NZE14738007774	17	64.7	25
MILLAH MURRAH DOC F159	NMMF159	8	64.9	20
MILLAH MURRAH HIGHLANDER G18	NMMG18	15	64.8	22
MILWILLAH ELSOM F189	NJWF189	16	65.3	12
MORDALLUP TIMELINE F195	WGMF195	16	64.1	36
MURRAY EL GRANDO G20	NURG20	11	65.8	6
NGAPUTAHI E38	NZE21095009E38	23	65.3	12
PATHFINDER EQUATOR F195	SMPF195	9	64.8	22
RED OAK ZULU 285	NZE10285	15	64.0	38
RENNYLEA AMBASSADOR F857	NORF857	19	66.0	3
RENNYLEA BLACK GOLD F340	NORF340	18	65.1	17
RENNYLEA F266	NORF266	14	64.6	28
S A V CAMARO 9272	USA16396573	17	64.3	33
TOPBOS AMBASSADOR F4	DBLF4	9	67.0	1
TURIHAUA REX E297	NZE17691009E297	20	64.4	31

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 3 - MSA Index (Index)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
WAITARA PIO FEDERAL F73	BSCF73	14	65.0	19
WAITAWHETA B11	NZEB11	18	63.9	39

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 3 - Shear Force (kg)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
ALLOURA FOURTH DIMENSION F27	DGJF27	2	3.6	4
ALLOURA GET UP-AND-GO G19	DGJG19	4	4.2	34
ALPINE EXTRA SPECIAL E9	CGKE9	6	3.7	9
ARDCAIRNIE F96	WJMF96	7	3.6	4
BALD BLAIR NEW DESIGN G117	NBBG117	4	4.2	34
BLACKROCK F3	WMYF3	8	4.3	37
BOOROOMOOKA FRANKEL F510	NGMF510	4	3.7	9
BULLIAC FORWARD LEAP F24	QPDF24	3	4.6	40
CHERYLTON INFINITY G60	WLHG60	9	3.9	24
CHERYLTON RITO LEGACY 3R9 G40	WLHG40	9	3.8	18
CLUNIE RANGE FIRST CLASS F526	NBHF526	7	4.0	28
EXAR CONCISE 1304B	USA16873429	10	3.7	9
GILMANDYKE FOREMAN F0066	EUDF0066	6	4.1	33
GLENISA AXLE A020	QBVA020	10	4.4	39
GLENTANNER KODIAK G10	SJVG10	6	4.3	37
GRANITE RIDGE FOR-PROFIT F148	SJKF148	9	3.9	24
HAZELDEAN F1023	NHZF1023	8	3.7	9
HAZELDEAN F493	NHZF493	11	3.7	9
J & C EVIDENCE E11	BCHE11	8	3.7	9
KAKAHU MISSION 1036	NZE1036	7	3.6	4
KO DYNAMITE F80	NZCF80	7	3.8	18
LANDFALL FORCE F3	TFAF3	7	4.2	34
LAWSONS GENERAL G1730	VLYG1730	13	3.7	9
MERCHISTON INFINITY 774	NZE14738007774	11	3.7	9
MILLAH MURRAH DOC F159	NMMF159	4	3.5	3
MILLAH MURRAH HIGHLANDER G18	NMMG18	8	3.8	18
MILWILLAH ELSOM F189	NJWF189	11	4.0	28
MORDALLUP TIMELINE F195	WGMF195	9	4.0	28
MURRAY EL GRANDO G20	NURG20	7	3.9	24
NGAPUTAHI E38	NZE21095009E38	10	3.8	18
PATHFINDER EQUATOR F195	SMPF195	6	3.6	4
RED OAK ZULU 285	NZE10285	5	3.9	24
RENNYLEA AMBASSADOR F857	NORF857	8	3.2	1
RENNYLEA BLACK GOLD F340	NORF340	10	3.8	18
RENNYLEA F266	NORF266	9	4.0	28
S A V CAMARO 9272	USA16396573	6	3.3	2
TOPBOS AMBASSADOR F4	DBLF4	4	3.6	4
TURIHAUA REX E297	NZE17691009E297	13	3.7	9

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 3 - Shear Force (kg)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
WAITARA PIO FEDERAL F73	BSCF73	9	4.0	28
WAITAWHETA B11	NZEB11	9	3.8	18

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: 3 - Docility (Score)

Sire Name	Sire ID	Number of Progeny	Progeny % Score 1-1.5	Rank
ALLOURA FOURTH DIMENSION F27	DGJF27	25	64.0	32
ALLOURA GET UP-AND-GO G19	DGJG19	20	80.0	13
ALPINE EXTRA SPECIAL E9	CGKE9	27	55.6	37
ARDCAIRNIE F96	WJMF96	23	69.6	27
BALD BLAIR NEW DESIGN G117	NBBG117	25	56.0	36
BLACKROCK F3	WMYF3	27	85.2	6
BOOROOMOOKA FRANKEL F510	NGMF510	22	81.8	9
BULLIAC FORWARD LEAP F24	QPDF24	17	47.1	40
CHERYLTON INFINITY G60	WLHG60	25	88.0	1
CHERYLTON RITO LEGACY 3R9 G40	WLHG40	32	59.4	35
CLUNIE RANGE FIRST CLASS F526	NBHF526	27	55.6	37
EXAR CONCISE 1304B	USA16873429	26	76.9	16
GILMANDYKE FOREMAN F0066	EUDF0066	33	81.8	9
GLENISA AXLE A020	QBVA020	29	65.5	31
GLENTANNER KODIAK G10	SJVG10	33	81.8	9
GRANITE RIDGE FOR-PROFIT F148	SJKF148	31	80.6	12
HAZELDEAN F1023	NHZF1023	30	70.0	25
HAZELDEAN F493	NHZF493	33	66.7	30
J & C EVIDENCE E11	BCHE11	24	83.3	8
KAKAHU MISSION 1036	NZE1036	27	74.1	20
KO DYNAMITE F80	NZCF80	27	74.1	20
LANDFALL FORCE F3	TFAF3	31	74.2	19
LAWSONS GENERAL G1730	VLYG1730	36	69.4	28
MERCHISTON INFINITY 774	NZE14738007774	29	75.9	18
MILLAH MURRAH DOC F159	NMMF159	22	86.4	3
MILLAH MURRAH HIGHLANDER G18	NMMG18	30	70.0	25
MILWILLAH ELSOM F189	NJWF189	35	80.0	13
MORDALLUP TIMELINE F195	WGMF195	29	86.2	4
MURRAY EL GRANDO G20	NURG20	24	70.8	24
NGAPUTAHI E38	NZE21095009E38	38	60.5	34
PATHFINDER EQUATOR F195	SMPF195	25	88.0	1
RED OAK ZULU 285	NZE10285	27	63.0	33
RENNYLEA AMBASSADOR F857	NORF857	37	83.8	7
RENNYLEA BLACK GOLD F340	NORF340	34	67.6	29
RENNYLEA F266	NORF266	32	71.9	23
S A V CAMARO 9272	USA16396573	31	77.4	15
TOPBOS AMBASSADOR F4	DBLF4	30	53.3	39
TURIHAUA REX E297	NZE17691009E297	33	72.7	22

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 3 - Docility (Score)

Sire Name	Sire ID	Number of Progeny	Progeny % Score 1-1.5	Rank
WAITARA PIO FEDERAL F73	BSCF73	36	86.1	5
WAITAWHETA B11	NZEB11	34	76.5	17

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 3 - Claw Set (Score)

Sire Name	Sire ID	Number of Progeny	Progeny % Score 5-6	Rank
ALLOURA FOURTH DIMENSION F27	DGJF27	17	94.1	3
ALLOURA GET UP-AND-GO G19	DGJG19	16	62.5	38
ALPINE EXTRA SPECIAL E9	CGKE9	19	94.7	2
ARDCAIRNIE F96	WJMF96	17	82.4	21
BALD BLAIR NEW DESIGN G117	NBBG117	19	89.5	11
BLACKROCK F3	WMYF3	21	85.7	16
BOOROOMOOKA FRANKEL F510	NGMF510	15	66.7	34
BULLIAC FORWARD LEAP F24	QPDF24	14	78.6	25
CHERYLTON INFINITY G60	WLHG60	19	78.9	24
CHERYLTON RITO LEGACY 3R9 G40	WLHG40	26	84.6	18
CLUNIE RANGE FIRST CLASS F526	NBHF526	21	85.7	16
EXAR CONCISE 1304B	USA16873429	18	66.7	34
GILMANDYKE FOREMAN F0066	EUDF0066	28	89.3	13
GLENISA AXLE A020	QBVA020	27	77.8	26
GLENTANNER KODIAK G10	SJVG10	30	76.7	27
GRANITE RIDGE FOR-PROFIT F148	SJKF148	23	91.3	6
HAZELDEAN F1023	NHZF1023	26	80.8	23
HAZELDEAN F493	NHZF493	27	63.0	37
J & C EVIDENCE E11	BCHE11	19	68.4	33
KAKAHU MISSION 1036	NZE1036	21	61.9	39
KO DYNAMITE F80	NZCF80	20	90.0	8
LANDFALL FORCE F3	TFAF3	22	90.9	7
LAWSONS GENERAL G1730	VLYG1730	29	72.4	29
MERCHISTON INFINITY 774	NZE14738007774	22	86.4	15
MILLAH MURRAH DOC F159	NMMF159	18	83.3	20
MILLAH MURRAH HIGHLANDER G18	NMMG18	25	88.0	14
MILWILLAH ELSOM F189	NJWF189	29	75.9	28
MORDALLUP TIMELINE F195	WGMF195	24	70.8	30
MURRAY EL GRANDO G20	NURG20	19	89.5	11
NGAPUTAHI E38	NZE21095009E38	31	83.9	19
PATHFINDER EQUATOR F195	SMPF195	20	90.0	8
RED OAK ZULU 285	NZE10285	22	81.8	22
RENNYLEA AMBASSADOR F857	NORF857	28	64.3	36
RENNYLEA BLACK GOLD F340	NORF340	27	92.6	4
RENNYLEA F266	NORF266	23	69.6	31
S A V CAMARO 9272	USA16396573	23	56.5	40
TOPBOS AMBASSADOR F4	DBLF4	24	91.7	5
TURIHAUA REX E297	NZE17691009E297	26	96.2	1

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 3 - Claw Set (Score)

Sire Name	Sire ID	Number of Progeny	Progeny % Score 5-6	Rank
WAITARA PIO FEDERAL F73	BSCF73	29	69.0	32
WAITAWHETA B11	NZEB11	30	90.0	8

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 3 - Foot Angle (Score)

Sire Name	Sire ID	Number of Progeny	Progeny % Score 5-6	Rank
ALLOURA FOURTH DIMENSION F27	DGJF27	17	94.1	36
ALLOURA GET UP-AND-GO G19	DGJG19	16	100.0	1
ALPINE EXTRA SPECIAL E9	CGKE9	19	100.0	1
ARDCAIRNIE F96	WJMF96	17	100.0	1
BALD BLAIR NEW DESIGN G117	NBBG117	19	100.0	1
BLACKROCK F3	WMYF3	21	100.0	1
BOOROOMOOKA FRANKEL F510	NGMF510	15	100.0	1
BULLIAC FORWARD LEAP F24	QPDF24	14	92.9	37
CHERYLTON INFINITY G60	WLHG60	19	100.0	1
CHERYLTON RITO LEGACY 3R9 G40	WLHG40	26	88.5	40
CLUNIE RANGE FIRST CLASS F526	NBHF526	21	95.2	32
EXAR CONCISE 1304B	USA16873429	18	94.4	34
GILMANDYKE FOREMAN F0066	EUDF0066	28	96.4	24
GLENISA AXLE A020	QBVA020	27	96.3	25
GLENTANNER KODIAK G10	SJVG10	30	100.0	1
GRANITE RIDGE FOR-PROFIT F148	SJKF148	23	95.7	29
HAZELDEAN F1023	NHZF1023	26	96.2	27
HAZELDEAN F493	NHZF493	27	88.9	39
J & C EVIDENCE E11	BCHE11	18	100.0	1
KAKAHU MISSION 1036	NZE1036	21	100.0	1
KO DYNAMITE F80	NZCF80	20	100.0	1
LANDFALL FORCE F3	TFAF3	22	95.5	30
LAWSONS GENERAL G1730	VLYG1730	29	100.0	1
MERCHISTON INFINITY 774	NZE14738007774	22	95.5	30
MILLAH MURRAH DOC F159	NMMF159	18	94.4	34
MILLAH MURRAH HIGHLANDER G18	NMMG18	25	92.0	38
MILWILLAH ELSOM F189	NJWF189	29	96.6	22
MORDALLUP TIMELINE F195	WGMF195	24	100.0	1
MURRAY EL GRANDO G20	NURG20	19	94.7	33
NGAPUTAHI E38	NZE21095009E38	31	96.8	20
PATHFINDER EQUATOR F195	SMPF195	20	100.0	1
RED OAK ZULU 285	NZE10285	22	100.0	1
RENNYLEA AMBASSADOR F857	NORF857	28	100.0	1
RENNYLEA BLACK GOLD F340	NORF340	27	96.3	25
RENNYLEA F266	NORF266	23	100.0	1
S A V CAMARO 9272	USA16396573	23	100.0	1
TOPBOS AMBASSADOR F4	DBLF4	24	95.8	28
TURIHAUA REX E297	NZE17691009E297	26	100.0	1

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 3 - Foot Angle (Score)

Sire Name	Sire ID	Number of Progeny	Progeny % Score 5-6	Rank
WAITARA PIO FEDERAL F73	BSCF73	29	96.6	22
WAITAWHETA B11	NZEB11	30	96.7	21

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 3 - Coat Type (Score)

Sire Name	Sire ID	Number of Progeny	Progeny % Score 1-2	Rank
ALLOURA FOURTH DIMENSION F27	DGJF27	17	23.5	10
ALLOURA GET UP-AND-GO G19	DGJG19	16	6.3	37
ALPINE EXTRA SPECIAL E9	CGKE9	19	10.5	30
ARDCAIRNIE F96	WJMF96	17	17.6	22
BALD BLAIR NEW DESIGN G117	NBBG117	19	10.5	30
BLACKROCK F3	WMYF3	21	28.6	4
BOOROOMOOKA FRANKEL F510	NGMF510	15	33.3	3
BULLIAC FORWARD LEAP F24	QPDF24	14	21.4	13
CHERYLTON INFINITY G60	WLHG60	19	26.3	6
CHERYLTON RITO LEGACY 3R9 G40	WLHG40	25	16.0	24
CLUNIE RANGE FIRST CLASS F526	NBHF526	21	19.0	18
EXAR CONCISE 1304B	USA16873429	18	27.8	5
GILMANDYKE FOREMAN F0066	EUDF0066	28	21.4	13
GLENISA AXLE A020	QBVA020	27	18.5	19
GLENTANNER KODIAK G10	SJVG10	30	3.3	39
GRANITE RIDGE FOR-PROFIT F148	SJKF148	23	4.3	38
HAZELDEAN F1023	NHZF1023	26	34.6	2
HAZELDEAN F493	NHZF493	27	14.8	27
J & C EVIDENCE E11	BCHE11	19	15.8	26
KAKAHU MISSION 1036	NZE1036	21	23.8	9
KO DYNAMITE F80	NZCF80	20	0.0	40
LANDFALL FORCE F3	TFAF3	22	9.1	33
LAWSONS GENERAL G1730	VLYG1730	29	20.7	16
MERCHISTON INFINITY 774	NZE14738007774	22	18.2	20
MILLAH MURRAH DOC F159	NMMF159	18	11.1	29
MILLAH MURRAH HIGHLANDER G18	NMMG18	25	16.0	24
MILWILLAH ELSOM F189	NJWF189	29	17.2	23
MORDALLUP TIMELINE F195	WGMF195	24	25.0	7
MURRAY EL GRANDO G20	NURG20	19	21.1	15
NGAPUTAHI E38	NZE21095009E38	31	6.5	36
PATHFINDER EQUATOR F195	SMPF195	20	10.0	32
RED OAK ZULU 285	NZE10285	22	9.1	33
RENNYLEA AMBASSADOR F857	NORF857	28	17.9	21
RENNYLEA BLACK GOLD F340	NORF340	27	22.2	11
RENNYLEA F266	NORF266	23	21.7	12
S A V CAMARO 9272	USA16396573	23	39.1	1
TOPBOS AMBASSADOR F4	DBLF4	24	12.5	28
TURIHAUA REX E297	NZE17691009E297	26	19.2	17

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 3 - Coat Type (Score)

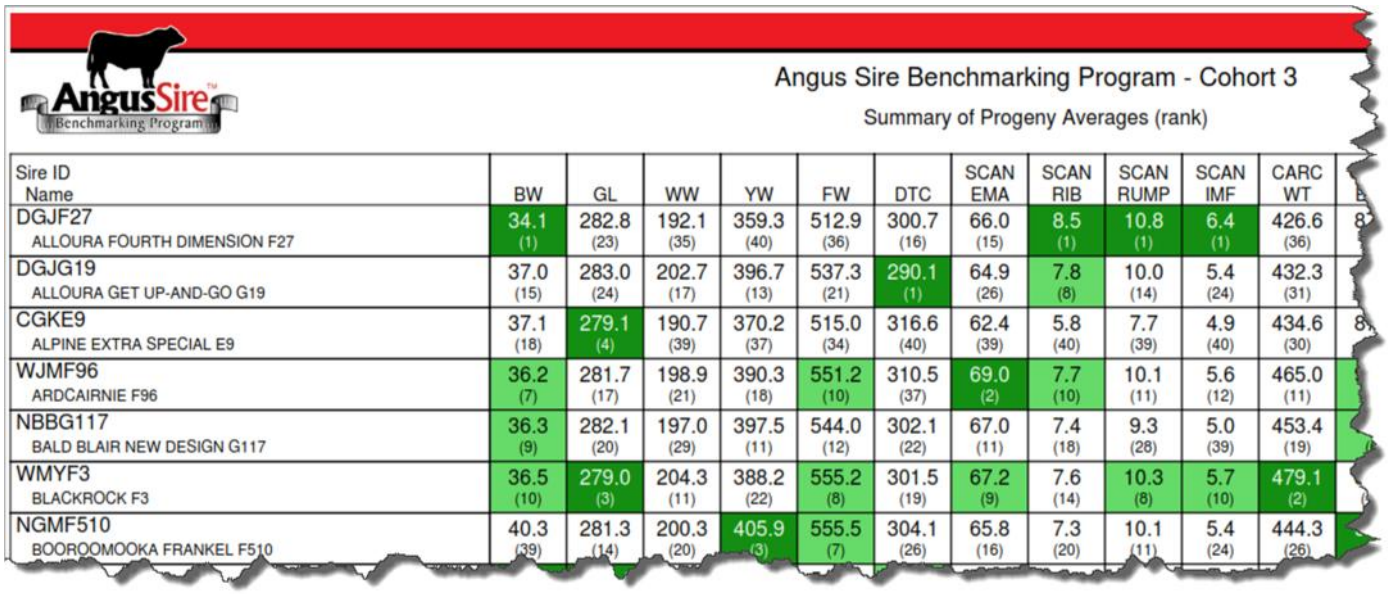
Sire Name	Sire ID	Number of Progeny	Progeny % Score 1-2	Rank
WAITARA PIO FEDERAL F73	BSCF73	29	24.1	8
WAITAWHETA B11	NZEB11	29	6.9	35

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 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	CARC EMA	CARC IMF	NFI-f	MSA MBL	MSA OSS	MSA IND	DOC	CLAW	ANGLE	CT
DGJF27 ALLOURA FOURTH DIMENSION F27	34.1 (1)	283.0 (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)	87.7 (20)	12.0 (5)	-3.4 (5)	528.7 (13)	148.2 (14)	65.3 (12)	64.0 (32)	94.1 (3)	94.1 (36)	23.5 (10)
DGJG19 ALLOURA GET UP-AND-GO G19	37.0 (15)	283.2 (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)	82.8 (38)	9.2 (23)	-2.4 (30)	475.1 (31)	149.6 (21)	64.5 (30)	80.0 (13)	62.5 (38)	100.0 (1)	6.3 (37)
CGKE9 ALPINE EXTRA SPECIAL E9	37.1 (18)	279.3 (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)	87.4 (24)	9.4 (20)	-2.4 (30)	542.2 (9)	156.3 (34)	65.2 (15)	55.6 (37)	94.7 (2)	100.0 (1)	10.5 (30)
WJMF96 ARDCAIRNIE F96	36.2 (7)	281.9 (16)	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)	92.1 (7)	9.2 (23)	-3.3 (9)	527.2 (14)	165.4 (40)	64.9 (20)	69.6 (27)	82.4 (21)	100.0 (1)	17.6 (22)
NBBG117 BALD BLAIR NEW DESIGN G117	36.3 (9)	282.3 (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)	92.2 (6)	10.8 (13)	-3.4 (5)	484.6 (23)	161.8 (39)	64.3 (33)	56.0 (36)	89.5 (11)	100.0 (1)	10.5 (30)
WMYF3 BLACKROCK F3	36.5 (10)	279.2 (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)	88.0 (18)	8.4 (36)	-2.5 (27)	458.8 (34)	150.2 (22)	64.6 (28)	85.2 (6)	85.7 (16)	100.0 (1)	28.6 (4)
NGMF510 BOOROOMOOKA FRANKEL F510	40.3 (39)	281.5 (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)	93.3 (5)	12.0 (5)	-3.7 (1)	551.2 (7)	151.2 (26)	65.6 (9)	81.8 (9)	66.7 (34)	100.0 (1)	33.3 (3)
QPDF24 BULLIAC FORWARD LEAP F24	35.1 (4)	278.5 (1)	194.2 (33)	386.9 (23)	510.5 (38)	297.7 (9)	62.9 (38)	6.4 (36)	9.2 (30)	5.3 (32)	430.2 (35)	86.8 (25)	7.9 (40)	-2.7 (21)	443.3 (37)	151.3 (27)	64.1 (36)	47.1 (40)	78.6 (25)	92.9 (37)	21.4 (13)
WLHG60 CHERYLTON INFINITY G60	34.8 (3)	283.5 (27)	201.6 (19)	382.3 (29)	531.1 (25)	292.4 (3)	65.3 (23)	6.5 (35)	9.6 (24)	5.7 (10)	449.9 (23)	89.3 (13)	9.2 (23)	-1.8 (39)	477.7 (28)	159.7 (38)	64.2 (35)	88.0 (1)	78.9 (24)	100.0 (1)	26.3 (6)
WLHG40 CHERYLTON RITO LEGACY 3R9 G40	39.1 (33)	286.9 (39)	187.6 (40)	360.7 (39)	515.4 (33)	309.9 (36)	64.0 (31)	7.4 (18)	10.6 (2)	5.4 (24)	432.1 (32)	91.7 (10)	8.9 (28)	-3.5 (3)	471.2 (33)	144.9 (3)	64.7 (25)	59.4 (35)	84.6 (18)	88.5 (40)	16.0 (24)
NBHF526 CLUNIE RANGE FIRST CLASS F526	39.8 (37)	281.9 (16)	204.1 (13)	402.7 (8)	565.9 (1)	300.4 (15)	67.7 (6)	8.0 (7)	10.0 (14)	5.6 (12)	486.8 (1)	84.1 (34)	8.3 (37)	-2.8 (17)	458.3 (35)	146.5 (8)	64.7 (25)	55.6 (37)	85.7 (16)	95.2 (32)	19.0 (18)
USA16873429 EXAR CONCISE 1304B	39.7 (36)	286.6 (38)	205.0 (9)	388.8 (20)	533.4 (23)	308.4 (34)	68.4 (3)	6.6 (31)	8.4 (35)	5.9 (6)	446.7 (25)	96.1 (1)	11.3 (9)	-3.0 (12)	563.0 (5)	148.6 (18)	65.7 (7)	76.9 (16)	66.7 (34)	94.4 (34)	27.8 (5)
EUDF0066 GILMANDYKE FOREMAN F0066	38.2 (27)	280.2 (5)	197.8 (25)	384.0 (26)	561.4 (2)	301.9 (20)	64.9 (26)	6.4 (36)	8.5 (34)	5.5 (20)	451.6 (22)	85.7 (30)	10.4 (15)	-3.1 (11)	482.4 (25)	154.0 (32)	64.4 (31)	81.8 (9)	89.3 (13)	96.4 (24)	21.4 (13)
QBVA020 GLENISA AXLE A020	38.2 (27)	284.2 (33)	190.8 (38)	388.4 (21)	526.0 (30)	296.8 (7)	65.6 (19)	7.2 (22)	9.7 (22)	5.3 (32)	452.4 (21)	85.6 (31)	9.4 (20)	-2.6 (25)	500.6 (17)	148.4 (16)	65.1 (17)	65.5 (31)	77.8 (26)	96.3 (25)	18.5 (19)
SJVG10 GLENTANNER KODIAK G10	37.5 (21)	283.8 (30)	196.1 (31)	382.9 (28)	521.6 (31)	309.4 (35)	61.2 (40)	6.4 (36)	9.5 (26)	5.3 (32)	430.9 (33)	80.9 (40)	8.9 (28)	-3.7 (1)	483.4 (24)	147.0 (9)	64.8 (22)	81.8 (9)	76.7 (27)	100.0 (1)	3.3 (39)
SJKF148 GRANITE RIDGE FOR-PROFIT F148	36.8 (13)	280.6 (7)	205.9 (6)	407.6 (1)	550.6 (11)	308.2 (33)	65.8 (16)	8.4 (2)	9.9 (16)	5.8 (9)	473.0 (7)	86.8 (25)	10.0 (17)	-3.2 (10)	495.9 (18)	145.4 (4)	65.4 (11)	80.6 (12)	91.3 (6)	95.7 (29)	4.3 (38)
NHZF1023 HAZELDEAN F1023	38.0 (25)	283.7 (28)	204.2 (12)	390.7 (17)	542.4 (15)	302.8 (24)	68.0 (5)	8.4 (2)	10.2 (10)	6.1 (2)	462.3 (13)	88.9 (15)	13.8 (1)	-2.0 (38)	572.8 (3)	146.2 (6)	66.5 (2)	70.0 (25)	80.8 (23)	96.2 (27)	34.6 (2)
NHZF493 HAZELDEAN F493	38.1 (26)	281.7 (15)	207.7 (3)	407.4 (2)	558.7 (4)	299.2 (11)	68.1 (4)	7.7 (10)	10.6 (2)	6.0 (4)	454.5 (18)	94.0 (4)	11.7 (7)	-2.4 (30)	545.8 (8)	144.5 (2)	65.9 (5)	66.7 (30)	63.0 (37)	88.9 (39)	14.8 (27)
BCHE11 J & C EVIDENCE E11	40.2 (38)	280.8 (9)	204.4 (10)	404.9 (6)	530.6 (26)	313.0 (38)	66.8 (12)	6.6 (31)	9.1 (31)	5.2 (38)	476.3 (3)	88.8 (16)	9.0 (27)	-2.1 (37)	518.7 (15)	145.4 (4)	65.6 (9)	83.3 (8)	68.4 (33)	100.0 (1)	15.8 (26)
NZE1036 KAKAHU MISSION 1036	38.3 (29)	286.4 (36)	203.4 (15)	381.0 (32)	558.3 (5)	304.9 (28)	67.7 (6)	7.2 (22)	9.5 (26)	5.6 (12)	468.9 (9)	94.5 (3)	10.1 (16)	-2.5 (27)	518.7 (15)	159.5 (37)	65.2 (15)	74.1 (20)	61.9 (39)	100.0 (1)	23.8 (9)
NZCF80 KO DYNAMITE F80	36.9 (14)	280.5 (6)	198.5 (23)	384.3 (25)	530.2 (28)	294.1 (5)	63.9 (32)	6.8 (28)	9.6 (24)	5.6 (12)	462.4 (12)	87.7 (20)	12.1 (4)	-2.6 (25)	588.6 (2)	157.1 (35)	66.0 (3)	74.1 (20)	90.0 (8)	100.0 (1)	0.0 (40)
TFAF3 LANDFALL FORCE F3	37.1 (18)	280.7 (8)	196.6 (30)	397.9 (10)	539.3 (19)	301.4 (18)	65.0 (25)	7.8 (8)	9.3 (28)	5.5 (20)	435.1 (29)	86.7 (27)	8.0 (39)	-2.9 (15)	428.1 (39)	153.4 (31)	63.9 (39)	74.2 (19)	90.9 (7)	95.5 (30)	9.1 (33)

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	CARC EMA	CARC IMF	NFI-f	MSA MBL	MSA OSS	MSA IND	DOC	CLAW	ANGLE	CT
VLYG1730 LAWSONS GENERAL G1730	39.4 (35)	284.0 (31)	206.2 (5)	400.3 (9)	535.4 (22)	297.5 (8)	67.1 (10)	6.6 (31)	8.3 (37)	5.3 (32)	461.9 (14)	91.5 (11)	8.9 (28)	-2.4 (30)	534.4 (11)	147.2 (10)	65.7 (7)	69.4 (28)	72.4 (29)	100.0 (1)	20.7 (16)
NZE14738007774 MERCHISTON INFINITY 774	38.7 (30)	284.5 (34)	207.5 (4)	393.9 (14)	540.1 (18)	293.1 (4)	65.5 (20)	7.1 (25)	10.6 (2)	5.5 (20)	452.6 (20)	82.9 (37)	9.4 (20)	-2.7 (21)	475.5 (30)	147.8 (12)	64.7 (25)	75.9 (18)	86.4 (15)	95.5 (30)	18.2 (20)
NMMF159 MILLAH MURRAH DOC F159	38.8 (32)	283.3 (25)	205.9 (6)	385.8 (24)	542.1 (16)	300.0 (12)	65.4 (22)	8.1 (5)	10.3 (8)	5.4 (24)	474.1 (6)	84.9 (33)	9.9 (19)	-2.5 (27)	472.1 (32)	144.0 (1)	64.9 (20)	86.4 (3)	83.3 (20)	94.4 (34)	11.1 (29)
NMMG18 MILLAH MURRAH HIGHLANDER G18	37.0 (15)	284.1 (32)	201.9 (18)	382.3 (29)	543.0 (14)	307.5 (32)	67.3 (8)	7.5 (16)	10.5 (6)	5.6 (12)	460.9 (15)	92.0 (8)	8.9 (28)	-2.9 (15)	487.7 (20)	148.7 (19)	64.8 (22)	70.0 (25)	88.0 (14)	92.0 (38)	16.0 (24)
NJWF189 MILWILLAH ELSOM F189	37.5 (21)	282.4 (22)	197.3 (27)	397.1 (12)	551.3 (9)	302.0 (21)	66.7 (13)	6.6 (31)	8.3 (37)	5.4 (24)	476.1 (4)	87.7 (20)	8.9 (28)	-3.5 (3)	493.3 (19)	147.4 (11)	65.3 (12)	80.0 (13)	75.9 (28)	96.6 (22)	17.2 (23)
WGMF195 MORDALLUP TIMELINE F195	39.1 (33)	286.4 (36)	205.2 (8)	393.5 (16)	538.5 (20)	300.3 (14)	64.6 (28)	6.8 (28)	9.9 (16)	5.6 (12)	454.8 (17)	86.2 (28)	8.5 (35)	-2.8 (17)	446.0 (36)	152.7 (30)	64.1 (36)	86.2 (4)	70.8 (30)	100.0 (1)	25.0 (7)
NURG20 MURRAY EL GRANDO G20	37.6 (23)	281.0 (10)	208.3 (2)	405.8 (4)	560.7 (3)	301.1 (17)	69.3 (1)	7.1 (25)	9.1 (31)	6.0 (4)	475.8 (5)	95.9 (2)	11.4 (8)	-3.4 (5)	552.0 (6)	150.6 (24)	65.8 (6)	70.8 (24)	89.5 (11)	94.7 (33)	21.1 (15)
NZE21095009E38 NGAPUTAHI E38	41.3 (40)	283.7 (28)	203.5 (14)	402.9 (7)	529.2 (29)	305.8 (31)	65.1 (24)	7.0 (27)	9.1 (31)	5.5 (20)	442.4 (27)	85.0 (32)	11.2 (10)	-2.8 (17)	536.2 (10)	150.4 (23)	65.3 (12)	60.5 (34)	83.9 (19)	96.8 (20)	6.5 (36)
SMPF195 PATHFINDER EQUATOR F195	38.7 (30)	281.1 (11)	202.9 (16)	383.8 (27)	543.2 (13)	305.6 (30)	65.5 (20)	5.9 (39)	7.3 (40)	5.4 (24)	460.5 (16)	90.6 (12)	8.6 (34)	-3.0 (12)	480.7 (26)	148.9 (20)	64.8 (22)	88.0 (1)	90.0 (8)	100.0 (1)	10.0 (32)
NZE10285 RED OAK ZULU 285	37.7 (24)	285.7 (35)	191.5 (37)	375.0 (35)	515.0 (34)	298.6 (10)	63.4 (37)	7.3 (20)	10.5 (6)	5.4 (24)	425.2 (37)	83.5 (35)	9.2 (23)	-2.4 (30)	441.6 (38)	147.9 (13)	64.0 (38)	63.0 (33)	81.8 (22)	100.0 (1)	9.1 (33)
NORF857 RENNYLEA AMBASSADOR F857	37.0 (15)	281.1 (11)	198.7 (22)	370.3 (36)	540.7 (17)	303.9 (25)	64.6 (28)	8.3 (4)	9.8 (19)	5.9 (6)	467.2 (10)	88.2 (17)	12.6 (3)	-2.4 (30)	567.8 (4)	152.5 (29)	66.0 (3)	83.8 (7)	64.3 (36)	100.0 (1)	17.9 (21)
NORF340 RENNYLEA BLACK GOLD F340	34.3 (2)	281.9 (16)	195.8 (32)	389.8 (19)	521.5 (32)	314.3 (39)	64.4 (30)	7.6 (14)	10.1 (11)	5.9 (6)	417.9 (40)	85.9 (29)	10.9 (12)	-3.4 (5)	530.1 (12)	148.4 (16)	65.1 (17)	67.6 (29)	92.6 (4)	96.3 (25)	22.2 (11)
NORF266 RENNYLEA F266	35.5 (5)	282.1 (19)	198.0 (24)	380.1 (33)	530.3 (27)	300.0 (12)	63.8 (34)	7.7 (10)	10.6 (2)	5.6 (12)	441.2 (28)	87.6 (23)	11.1 (11)	-2.8 (17)	486.8 (21)	158.7 (36)	64.6 (28)	71.9 (23)	69.6 (31)	100.0 (1)	21.7 (12)
USA16396573 S A V CAMARO 9272	36.0 (6)	279.1 (2)	197.3 (27)	381.7 (31)	507.9 (39)	290.6 (2)	63.5 (36)	7.5 (16)	8.4 (35)	5.3 (32)	423.6 (39)	83.4 (36)	10.6 (14)	-1.6 (40)	475.6 (29)	150.9 (25)	64.3 (33)	77.4 (15)	56.5 (40)	100.0 (1)	39.1 (1)
DBLF4 TOPBOS AMBASSADOR F4	37.3 (20)	287.1 (40)	197.4 (26)	393.7 (15)	532.9 (24)	302.3 (23)	65.7 (18)	6.8 (28)	9.8 (19)	6.1 (2)	448.5 (24)	92.0 (8)	13.3 (2)	-2.7 (21)	669.7 (1)	148.3 (15)	67.0 (1)	53.3 (39)	91.7 (5)	95.8 (28)	12.5 (28)
NZE17691009E297 TURIHAUA REX E297	36.7 (12)	281.4 (13)	194.1 (34)	365.2 (38)	511.1 (37)	304.8 (27)	63.8 (34)	7.2 (22)	9.7 (22)	5.4 (24)	430.3 (34)	89.0 (14)	8.3 (37)	-3.0 (12)	480.2 (27)	155.1 (33)	64.4 (31)	72.7 (22)	96.2 (1)	100.0 (1)	19.2 (17)
BSCF73 WAITARA PIO FEDERAL F73	36.5 (10)	283.4 (26)	209.6 (1)	405.3 (5)	557.5 (6)	305.2 (29)	66.2 (14)	7.7 (10)	9.8 (19)	5.6 (12)	470.9 (8)	87.8 (19)	10.0 (17)	-2.7 (21)	486.7 (22)	152.2 (28)	65.0 (19)	86.1 (5)	69.0 (32)	96.6 (22)	24.1 (8)
NZEB11 WAITAWHETA B11	36.2 (7)	282.3 (20)	191.8 (36)	379.4 (34)	507.2 (40)	295.7 (6)	63.9 (32)	8.1 (5)	9.9 (16)	5.3 (32)	424.4 (38)	81.6 (39)	8.8 (33)	-2.4 (30)	418.4 (40)	146.3 (7)	63.9 (39)	76.5 (17)	90.0 (8)	96.7 (21)	6.9 (35)

8.1.4 ASBP Cohort 4 Progeny Performance Report

AngusSire™
Benchmarking Program

PROGENY PERFORMANCE REPORT

COHORT 4

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Bruce 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	ABI	DOM	GRN	GRS
NXOL172	**AJC L172** [SV]				+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
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
ABI	Angus Breeding Index
DOM	Domestic Index
GRN	Heavy Grain Index
GRS	Heavy Grass 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 4
Mid December 2020 TransTasman Angus Cattle Evaluation

Ident	Name	Statistics	Estimated Breeding Values

Sire / Dam	Reg.	Num Herd	Prog	Prog 2Yr.	Calv-Ease		Birth		Growth					Fert		Carcase						Feed	Temp	Structural		Selection Index			
					Dir	Dtrs	GL	BW	200	400	600	MCW	Milk	SS	DC	CW	EMA	Rib	P8	RBY	IMF	NFI-F	Doc	Angle	Claw	ABI	DOM	GRN	GRS
DGJG10	**ALLOURA GET CRACKING G10** SV				+11.0	+11.9	-3.5	+2.4	+42	+77	+84	+78	+12	-0.3	-8.9	+55	+13.5	+1.6	+0.4	-1.1	+5.2	+0.71	-19	+1.02	+0.62	$145	$143	$187	$131
VTMB1	HBR	20	741	197	75%	60%	99%	98%	97%	97%	97%	94%	88%	96%	66%	92%	90%	92%	89%	86%	89%	86%	94%	92%	91%				
DGJZ15					3	1	67	12	83	83	97	86	88	99	3	84	1	9	26	96	1	96	99	59	10	11	7	5	17
NBBG105	**BALD BLAIR DAVID G105** PV				-3.8	-6.3	-3.4	+6.5	+44	+73	+96	+98	+3	+1.7	-5.2	+21	+9.0	-1.6	+0.6	+2.0	+3.2	-0.25	+11	+1.06	+0.66	$99	$98	$98	$100
NBBD34	APR	5	105	0	60%	48%	95%	95%	92%	93%	94%	90%	85%	88%	65%	89%	87%	90%	87%	84%	87%	82%	91%	85%	85%				
NBBD171					86	97	69	92	75	90	88	52	99	61	42	99	11	89	22	5	13	8	33	68	15	54	54	52	52
VONG272	**BANQUET GARRETT G272** SV				-1.6	+5.1	-1.6	+6.2	+50	+97	+141	+134	+20	+4.5	-0.3	+55	+2.6	-2.5	-2.2	+0.6	+2.3	-0.73	+14	+1.10	+0.80	$47	$40	$37	$55
VOND412	HBR	6	149	0	60%	45%	94%	96%	91%	92%	93%	86%	78%	88%	60%	87%	86%	89%	86%	82%	85%	80%	80%	81%	81%				
VONC368					77	29	90	89	39	20	6	5	23	1	98	86	94	98	90	45	35	1	26	76	40	92	97	88	91
NUIF32	**BONNY BROOKE FALCO F32** SV				-5.0	-4.0	-0.2	+5.5	+51	+81	+114	+94	+18	-0.3	-2.7	+61	-0.4	+3.7	+3.7	-2.9	+1.1	-0.36	-8	+0.88	+0.80	$56	$50	$48	$50
NGMC196	HBR	5	65	0	49%	35%	90%	87%	87%	86%	88%	80%	69%	63%	55%	82%	78%	83%	80%	77%	79%	72%	77%	77%	77%				
NUID96					90	93	97	79	34	71	50	60	38	99	85	65	99	1	1	99	82	4	91	26	40	88	95	84	93
HCAG013	**BOONAROO GRAVITY G013** PV				+7.5	+2.7	-5.8	+3.8	+49	+87	+117	+110	+25	+3.7	-7.6	+58	+5.6	-2.3	-2.9	+1.7	+2.7	-0.57	+0	+0.92	+0.52	$117	$109	$123	$114
VTMA217	HBR	20	423	88	73%	61%	98%	97%	96%	97%	96%	88%	88%	95%	70%	90%	89%	91%	89%	86%	88%	83%	92%	92%	91%				
VTMZ618					15	52	29	38	45	50	44	29	3	3	9	77	53	97	96	9	23	1	71	35	4	33	38	33	34
NGMG501	**BOOROOMOOKA GALILEO G501** PV				+11.7	+7.0	-9.3	+2.1	+52	+98	+138	+100	+23	+0.2	-5.9	+79	+2.6	-0.9	-0.6	+0.3	+1.8	-0.36	+13	+1.38	+1.26	$153	$134	$163	$152
NGME116	HBR	9	313	0	71%	55%	96%	97%	96%	96%	96%	94%	93%	95%	64%	90%	88%	90%	88%	85%	87%	80%	97%	94%	94%				
NGMB69					2	14	3	9	32	17	8	47	7	98	29	8	94	74	54	60	55	4	29	99	98	8	12	12	6
QBUG49	**BURENDA GEIGER COUNTER G49** PV				+11.9	+12.1	-7.6	+2.0	+38	+79	+99	+75	+16	+1.9	-9.8	+56	+2.1	+1.0	-1.4	-1.1	+3.7	+0.27	+18	+1.22	+0.96	$116	$117	$122	$114
VTMB1	HBR	7	195	6	74%	61%	96%	96%	94%	95%	93%	93%	91%	93%	69%	90%	89%	91%	89%	87%	88%	83%	95%	84%	84%				
QBUE5					2	1	10	8	93	77	84	89	60	51	1	81	96	17	76	96	6	63	15	91	73	34	28	34	34
NIWH16	**COFFIN CREEK HORATIO H16** SV				-6.2	-5.2	-6.6	+5.6	+48	+85	+115	+112	+14	+0.2	+1.4	+50	+5.2	-5.3	-3.5	+4.0	-1.4	-0.45	+3	+1.12	+1.10	$19	$42	$-13	$41
NIWD53	APR	5	41	0	51%	38%	90%	90%	87%	87%	89%	84%	77%	73%	53%	84%	80%	85%	82%	79%	81%	74%	77%	74%	74%				
NIWD61					93	96	18	81	50	59	48	26	76	98	99	93	61	99	99	1	99	2	63	79	91	98	96	98	96
DPCG4	**CUDGEGONG PARK GRANGE G4** PV				+4.3	-1.5	-3.1	+4.3	+46	+84	+108	+112	+7	+1.1	-5.3	+57	+4.3	-0.1	+3.4	-2.2	+2.6	+0.02	-4	+0.82	+0.84	$73	$76	$69	$70
NZE04379	HBR	7	312	0	68%	59%	93%	97%	96%	95%	95%	90%	91%	94%	66%	89%	88%	90%	88%	85%	87%	82%	82%	80%	80%				
VLYA271					37	83	73	51	66	62	67	26	99	85	40	80	76	48	1	99	26	30	82	15	49	79	80	73	83
ASRG13	**DWYERS RANGE GATSBY G13** SV				-0.3	+2.3	-8.4	+7.0	+55	+94	+129	+128	+14	+2.0	-5.5	+77	+5.1	-2.1	-4.2	+1.6	+2.4	-0.05	-9	+1.00	+1.02	$94	$89	$94	$93
VTMB1	HBR	6	73	0	64%	55%	94%	93%	90%	89%	90%	84%	82%	79%	66%	87%	84%	87%	85%	82%	84%	80%	87%	81%	80%				
DNWC8					69	55	6	96	17	26	18	9	77	46	36	12	62	95	99	10	32	22	92	54	82	59	66	55	60
VICG25	**IRELANDS GAPSTED G25** PV				-4.6	+6.0	-4.9	+5.2	+45	+87	+120	+127	+12	+4.4	-5.4	+65	+8.3	+1.5	+2.5	-0.2	+0.7	+0.56	-13	+0.94	+0.56	$32	$44	$-6	$48
NENZ181	HBR	16	168	0	75%	60%	97%	97%	96%	96%	97%	95%	93%	95%	69%	91%	91%	92%	91%	88%	90%	84%	82%	82%	81%				
VICC52					89	21	43	73	70	50	35	9	88	1	38	50	15	10	3	79	92	90	96	39	6	96	96	97	94
NMMH105	**MILLAH MURRAH EVIDENT H105** SV				-14.0	-7.3	-0.7	+6.6	+50	+85	+106	+94	+11	+2.4	-4.6	+67	+9.6	-1.3	+0.6	+2.0	+1.7	+0.14	+15	+1.14	+1.06	$88	$95	$80	$89
BHRE614	HBR	6	44	0	59%	48%	94%	91%	87%	88%	88%	82%	75%	85%	61%	83%	80%	84%	81%	79%	80%	76%	81%	78%	78%				
NMMY79					99	98	95	93	43	57	70	61	93	28	53	40	8	84	22	5	60	45	21	82	87	66	58	66	65
NURH32	**MURRAY UPSHOT H32** PV				+3.4	+5.0	-4.1	+3.4	+47	+83	+103	+62	+14	+2.9	-3.0	+63	+5.3	+0.6	-1.0	+1.1	+2.3	+0.86	-2	+1.16	+1.40	$137	$136	$147	$134
USA16541214	HBR	8	33	0	56%	45%	90%	88%	86%	86%	87%	85%	78%	79%	63%	83%	80%	84%	82%	79%	81%	75%	80%	86%	85%				
VTMD113					43	30	57	29	58	65	78	97	75	13	81	58	59	26	66	24	35	99	77	85	99	16	11	19	15
SMPG357	**PATHFINDER GENESIS G357** PV				+5.0	+7.0	-8.0	+6.6	+62	+109	+147	+155	+25	+4.2	-4.4	+94	+11.0	+1.7	-0.6	+1.7	+1.6	+0.69	+19	+0.94	+0.80	$106	$100	$103	$106
VTMB1	HBR	113	2389	423	88%	69%	99%	99%	98%	98%	98%	97%	97%	98%	75%	94%	93%	94%	93%	91%	92%	86%	98%	95%	94%				
SMPD245					31	14	8	93	4	4	3	1	4	1	57	1	3	8	54	9	64	96	14	39	40	46	51	48	44
	Breed Average EBVs				**+2.0**	**+2.5**	**-4.5**	**+4.2**	**+48**	**+87**	**+114**	**+99**	**+17**	**+2.0**	**-4.8**	**+65**	**+6.0**	**-0.1**	**-0.4**	**+0.5**	**+2.0**	**+0.18**	**+6**	**+0.98**	**+0.85**	**+100**	**+100**	**+100**	**+100**

Angus Australia - Sire Benchmarking Program - Cohort 4
Mid December 2020 TransTasman Angus Cattle Evaluation

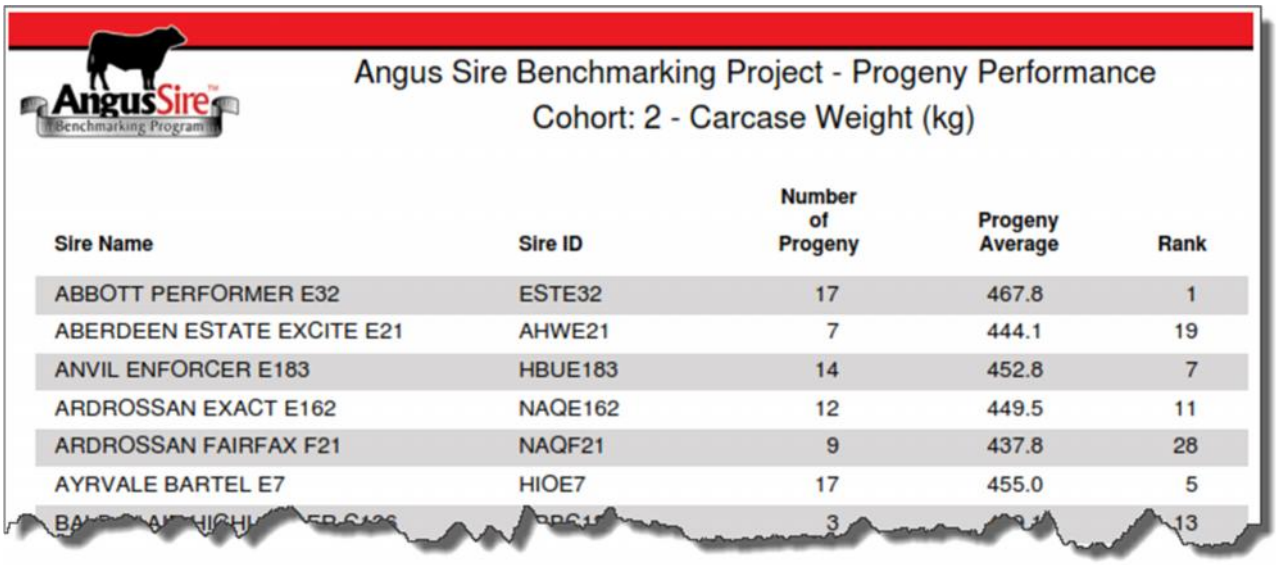
Ident	Name	Statistics			Estimated Breeding Values																									
					Calv-Ease		Birth		Growth					Fert		Carcase						Feed	Temp	Structural		Selection Index			
Sire Dam	Reg.	Num Herd	Prog	Prog 2Yr.	Dir	Dtrs	GL	BW	200	400	600	MCW	Milk	SS	DC	CW	EMA	Rib	P8	RBY	IMF	NFI-F	Doc	Angle	Claw	ABI	DOM	GRN	GRS
NORG255	**RENNYLEA G255** PV				-10.4	-5.2	-3.5	+4.5	+51	+96	+134	+125	+22	+1.0	-4.1	+92	+6.4	+0.1	-3.0	-0.7	+5.3	+0.17	-1	+0.98	+1.26	$89	$62	$133	$79
BNAD145	APR	24	554	29	87%	74%	98%	98%	98%	98%	98%	97%	97%	97%	82%	95%	94%	95%	95%	92%	94%	89%	97%	93%	93%				
NORC490					98	96	67	57	36	22	11	11	11	88	63	1	39	41	97	91	1	49	76	49	98	65	90	27	76
VSNH40	**STRATHEWEN RED DAIQUIRI H40** PV				+9.9	+2.8	-7.2	+2.2	+43	+92	+118	+100	+27	+3.1	-5.1	+50	+5.9	-0.1	-0.4	+0.3	+2.5	+0.15	+15	+1.12	+1.08	$99	$100	$99	$100
VTMD19	HBR	7	53	0	58%	46%	94%	92%	88%	89%	90%	84%	79%	74%	61%	86%	83%	87%	84%	81%	84%	78%	81%	83%	83%				
VSNF12					5	51	13	10	81	33	41	48	1	9	44	93	48	48	48	60	29	47	21	79	89	54	51	52	52
NPGG121	**TALOOBY GALAXY G121** SV				+2.0	+0.4	-3.8	+4.7	+37	+66	+93	+93	+14	+1.7	-5.4	+65	+0.5	+2.6	+0.7	-2.1	+0.9	+0.75	-7	+1.14	+0.70	$-1	$14	$-39	$8
NMMD1	HBR	6	111	0	57%	43%	93%	94%	88%	88%	90%	82%	68%	86%	58%	87%	84%	88%	85%	81%	84%	80%	80%	79%	79%				
NPGC14					54	71	62	62	95	97	91	62	78	61	38	50	99	3	19	99	88	97	88	82	20	99	99	99	99
NZE10752011	**TE WHANGA M14** #				+0.6	-1.0	-4.6	+5.0	+50	+76	+109	+103	+15	+1.4	-4.2	+66	+2.4	+1.3	+4.8	-0.6	-1.2	+0.04	+30	+0.96	+0.38	$53	$58	$17	$62
NZE10752007G9	HBR	4	34	0	56%	40%	93%	92%	89%	89%	91%	84%	77%	80%	60%	88%	86%	89%	87%	83%	86%	83%	80%	79%	79%				
NZE10752103C38					64	81	48	69	40	86	63	41	67	75	61	47	95	12	1	90	99	32	2	44	1	90	92	94	88
NXTF53	**TWYNAM F53** SV				+6.7	+6.2	-7.0	+2.9	+42	+73	+112	+102	+16	+2.2	-7.1	+59	+7.0	+1.4	+0.3	+0.6	+2.5	+0.77	+8	+1.10	+0.98	$106	$88	$101	$112
NURZ366	APR	6	98	0	59%	47%	93%	94%	91%	92%	92%	84%	82%	89%	60%	86%	85%	88%	85%	81%	84%	78%	76%	79%	78%				
NXTD55					20	20	15	19	82	90	57	43	58	37	14	73	29	11	29	45	29	97	43	76	76	46	67	50	37
NZE13615011	**WAIRERE YNOT Y0491** SV				+0.7	+0.6	-6.8	+5.6	+39	+65	+78	+67	+9	+0.5	-3.5	+33	+8.8	-3.4	-3.7	+3.8	+1.4	-0.33	-26	+0.72	+0.62	$82	$100	$65	$88
USA14675477	HBR	4	31	0	60%	47%	94%	92%	89%	89%	91%	84%	79%	73%	59%	88%	86%	89%	87%	83%	86%	82%	81%	83%	82%				
NZE13615101161					63	70	16	81	93	98	98	94	98	96	74	99	12	99	99	1	72	5	99	5	10	71	51	76	66
NWPG188	**WATTLETOP FRANKLIN G188** SV				+5.4	+12.9	-4.7	+2.2	+63	+112	+144	+107	+20	+3.2	-4.9	+80	+3.3	+0.0	-0.4	-0.8	+1.5	-0.90	+22	+0.96	+0.92	$157	$148	$175	$150
USA15462648	HBR	66	1202	181	84%	65%	99%	99%	98%	98%	98%	94%	92%	97%	64%	92%	91%	92%	90%	87%	90%	84%	95%	92%	92%				
NWPE295					29	1	46	10	3	2	4	34	23	8	47	7	88	45	48	93	68	1	9	44	66	6	5	8	6
	Breed Average EBVs				**+2.0**	**+2.5**	**-4.5**	**+4.2**	**+48**	**+87**	**+114**	**+99**	**+17**	**+2.0**	**-4.8**	**+65**	**+6.0**	**-0.1**	**-0.4**	**+0.5**	**+2.0**	**+0.18**	**+6**	**+0.98**	**+0.85**	**+100**	**+100**	**+100**	**+100**

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: 4 - Birth Weight (kg)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
ALLOURA GET CRACKING G10	DGJG10	36	31.2	3
BALD BLAIR DAVID G105	NBBG105	35	32.8	12
BANQUET GARRETT G272	VONG272	33	32.6	11
BONNY BROOKE FALCO F32	NUIF32	21	33.1	14
BOONAROO GRAVITY G13 G013	HCAG013	26	31.6	4
BOOROOMOOKA GALILEO G501	NGMG501	26	31.0	2
BURENDA GEIGER COUNTER G49	QBUG49	29	31.9	5
COFFIN CREEK HORATIO H16	NIWH16	20	33.3	16
CUDGEGONG PARK GRANGE G4	DPCG4	24	32.2	8
DWYERS RANGE GATSBY G13	ASRG13	26	33.6	19
IRELANDS GAPSTED G25	VICG25	28	33.9	20
MILLAH MURRAH EVIDENT H105	NMMH105	20	35.4	21
MURRAY UPSHOT H32	NURH32	10	33.1	14
PATHFINDER GENESIS G357	SMPG357	26	33.4	17
RENNYLEA G255	NORG255	37	32.1	6
STRATHEWEN RED DAIQUIRI H40	VSNH40	22	29.5	1
TALOOBY GALAXY G121	NPGG121	27	32.2	8
TE WHANGA M14	NZE10752011M14	34	32.8	12
TWYNAM F53	NXTF53	20	33.4	17
WAIRERE YNOT Y0491	NZE13615011491	31	32.3	10
WATTLETOP FRANKLIN G188	NWPG188	23	32.1	6

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 4 - Gestation Length (days)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
ALLOURA GET CRACKING G10	DGJG10	30	280.1	19
BALD BLAIR DAVID G105	NBBG105	38	278.7	13
BANQUET GARRETT G272	VONG272	31	280.4	20
BONNY BROOKE FALCO F32	NUIF32	21	280.6	21
BOONAROO GRAVITY G13 G013	HCAG013	27	276.6	4
BOOROOMOOKA GALILEO G501	NGMG501	25	275.4	1
BURENDA GEIGER COUNTER G49	QBUG49	25	278.1	10
COFFIN CREEK HORATIO H16	NIWH16	20	276.8	6
CUDGEGONG PARK GRANGE G4	DPCG4	22	279.6	18
DWYERS RANGE GATSBY G13	ASRG13	25	276.4	3
IRELANDS GAPSTED G25	VICG25	26	278.4	11
MILLAH MURRAH EVIDENT H105	NMMH105	18	279.4	16
MURRAY UPSHOT H32	NURH32	9	279.4	16
PATHFINDER GENESIS G357	SMPG357	26	275.5	2
RENNYLEA G255	NORG255	37	278.5	12
STRATHEWEN RED DAIQUIRI H40	VSNH40	22	276.8	6
TALOOBY GALAXY G121	NPGG121	25	279.1	15
TE WHANGA M14	NZE10752011M14	32	278.8	14
TWYNAM F53	NXTF53	20	277.2	8
WAIRERE YNOT Y0491	NZE13615011491	31	277.3	9
WATTLETOP FRANKLIN G188	NWPG188	22	276.7	5

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 4 - 200 Day Weight (kg)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
ALLOURA GET CRACKING G10	DGJG10	35	199.1	18
BALD BLAIR DAVID G105	NBBG105	36	205.0	13
BANQUET GARRETT G272	VONG272	33	207.6	9
BONNY BROOKE FALCO F32	NUIF32	21	207.2	11
BOONAROO GRAVITY G13 G013	HCAG013	25	209.6	5
BOOROOMOOKA GALILEO G501	NGMG501	24	206.7	12
BURENDA GEIGER COUNTER G49	QBUG49	27	198.4	19
COFFIN CREEK HORATIO H16	NIWH16	19	214.3	2
CUDGEGONG PARK GRANGE G4	DPCG4	24	203.2	14
DWYERS RANGE GATSBY G13	ASRG13	24	207.7	8
IRELANDS GAPSTED G25	VICG25	26	207.9	7
MILLAH MURRAH EVIDENT H105	NMMH105	17	215.0	1
MURRAY UPSHOT H32	NURH32	10	199.4	16
PATHFINDER GENESIS G357	SMPG357	24	211.6	4
RENNYLEA G255	NORG255	37	201.8	15
STRATHEWEN RED DAIQUIRI H40	VSNH40	22	199.3	17
TALOOBY GALAXY G121	NPGG121	25	197.6	21
TE WHANGA M14	NZE10752011M14	34	208.7	6
TWYNAM F53	NXTF53	18	207.4	10
WAIRERE YNOT Y0491	NZE13615011491	31	198.1	20
WATTLETOP FRANKLIN G188	NWPG188	22	213.2	3

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 4 - 400 Day Weight (kg)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
ALLOURA GET CRACKING G10	DGJG10	26	327.6	12
BALD BLAIR DAVID G105	NBBG105	17	331.0	6
BANQUET GARRETT G272	VONG272	22	330.1	8
BONNY BROOKE FALCO F32	NUIF32	13	312.7	20
BOONAROO GRAVITY G13 G013	HCAG013	18	330.0	9
BOOROOMOOKA GALILEO G501	NGMG501	17	331.3	5
BURENDA GEIGER COUNTER G49	QBUG49	21	322.5	16
COFFIN CREEK HORATIO H16	NIWH16	16	327.1	13
CUDGEGONG PARK GRANGE G4	DPCG4	18	311.0	21
DWYERS RANGE GATSBY G13	ASRG13	16	330.8	7
IRELANDS GAPSTED G25	VICG25	15	337.2	3
MILLAH MURRAH EVIDENT H105	NMMH105	11	334.8	4
MURRAY UPSHOT H32	NURH32	6	322.6	15
PATHFINDER GENESIS G357	SMPG357	15	338.6	2
RENNYLEA G255	NORG255	25	329.1	10
STRATHEWEN RED DAIQUIRI H40	VSNH40	19	328.8	11
TALOOBY GALAXY G121	NPGG121	19	314.9	19
TE WHANGA M14	NZE10752011M14	20	317.9	18
TWYNAM F53	NXTF53	14	325.2	14
WAIRERE YNOT Y0491	NZE13615011491	23	320.9	17
WATTLETOP FRANKLIN G188	NWPG188	17	348.2	1

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 4 - 600 Day Weight (kg)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
ALLOURA GET CRACKING G10	DGJG10	32	497.1	19
BALD BLAIR DAVID G105	NBBG105	35	509.5	14
BANQUET GARRETT G272	VONG272	30	532.8	2
BONNY BROOKE FALCO F32	NUIF32	17	508.9	15
BOONAROO GRAVITY G13 G013	HCAG013	24	522.0	6
BOOROOMOOKA GALILEO G501	NGMG501	24	521.7	7
BURENDA GEIGER COUNTER G49	QBUG49	24	510.1	13
COFFIN CREEK HORATIO H16	NIWH16	17	516.9	9
CUDGEGONG PARK GRANGE G4	DPCG4	21	508.9	15
DWYERS RANGE GATSBY G13	ASRG13	21	515.8	10
IRELANDS GAPSTED G25	VICG25	22	532.8	2
MILLAH MURRAH EVIDENT H105	NMMH105	15	529.2	5
MURRAY UPSHOT H32	NURH32	10	495.5	20
PATHFINDER GENESIS G357	SMPG357	22	530.3	4
RENNYLEA G255	NORG255	34	519.4	8
STRATHEWEN RED DAIQUIRI H40	VSNH40	20	501.5	17
TALOOBY GALAXY G121	NPGG121	24	498.8	18
TE WHANGA M14	NZE10752011M14	29	510.7	12
TWYNAM F53	NXTF53	18	514.9	11
WAIRERE YNOT Y0491	NZE13615011491	27	492.7	21
WATTLETOP FRANKLIN G188	NWPG188	19	538.8	1

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 4 - Days to Calving (heifers) (days)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
ALLOURA GET CRACKING G10	DGJG10	7	296.2	1
BALD BLAIR DAVID G105	NBBG105	12	307.6	14
BANQUET GARRETT G272	VONG272	9	305.1	11
BONNY BROOKE FALCO F32	NUIF32	7	307.7	15
BOONAROO GRAVITY G13 G013	HCAG013	11	300.0	5
BOOROOMOOKA GALILEO G501	NGMG501	11	298.5	4
BURENDA GEIGER COUNTER G49	QBUG49	8	302.8	8
COFFIN CREEK HORATIO H16	NIWH16	7	309.4	16
CUDGEGONG PARK GRANGE G4	DPCG4	5	304.0	9
DWYERS RANGE GATSBY G13	ASRG13	9	298.3	3
IRELANDS GAPSTED G25	VICG25	8	310.1	17
MILLAH MURRAH EVIDENT H105	NMMH105	8	310.1	17
MURRAY UPSHOT H32	NURH32	1	332.3	21
PATHFINDER GENESIS G357	SMPG357	9	305.1	11
RENNYLEA G255	NORG255	10	310.7	19
STRATHEWEN RED DAIQUIRI H40	VSNH40	7	301.3	6
TALOOBY GALAXY G121	NPGG121	11	301.9	7
TE WHANGA M14	NZE10752011M14	8	297.7	2
TWYNAM F53	NXTF53	7	304.1	10
WAIRERE YNOT Y0491	NZE13615011491	7	305.3	13
WATTLETOP FRANKLIN G188	NWPG188	3	313.3	20

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 4 - Scan EMA (sq cm)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
ALLOURA GET CRACKING G10	DGJG10	32	65.9	3
BALD BLAIR DAVID G105	NBBG105	31	63.2	14
BANQUET GARRETT G272	VONG272	30	62.1	18
BONNY BROOKE FALCO F32	NUIF32	15	61.5	20
BOONAROO GRAVITY G13 G013	HCAG013	24	64.4	5
BOOROOMOOKA GALILEO G501	NGMG501	24	63.9	7
BURENDA GEIGER COUNTER G49	QBUG49	24	62.7	17
COFFIN CREEK HORATIO H16	NIWH16	16	63.8	9
CUDGEGONG PARK GRANGE G4	DPCG4	20	63.8	9
DWYERS RANGE GATSBY G13	ASRG13	21	63.8	9
IRELANDS GAPSTED G25	VICG25	22	65.9	3
MILLAH MURRAH EVIDENT H105	NMMH105	15	66.8	1
MURRAY UPSHOT H32	NURH32	7	63.6	12
PATHFINDER GENESIS G357	SMPG357	21	64.0	6
RENNYLEA G255	NORG255	33	63.9	7
STRATHEWEN RED DAIQUIRI H40	VSNH40	19	63.0	15
TALOOBY GALAXY G121	NPGG121	23	60.7	21
TE WHANGA M14	NZE10752011M14	27	61.9	19
TWYNAM F53	NXTF53	18	63.6	12
WAIRERE YNOT Y0491	NZE13615011491	26	62.8	16
WATTLETOP FRANKLIN G188	NWPG188	18	66.3	2

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 4 - Scan Rib Fat (mm)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
ALLOURA GET CRACKING G10	DGJG10	32	7.1	3
BALD BLAIR DAVID G105	NBBG105	31	6.5	12
BANQUET GARRETT G272	VONG272	30	5.6	20
BONNY BROOKE FALCO F32	NUIF32	15	8.7	1
BOONAROO GRAVITY G13 G013	HCAG013	24	6.5	12
BOOROOMOOKA GALILEO G501	NGMG501	24	6.5	12
BURENDA GEIGER COUNTER G49	QBUG49	24	6.4	15
COFFIN CREEK HORATIO H16	NIWH16	16	5.2	21
CUDGEGONG PARK GRANGE G4	DPCG4	20	6.8	5
DWYERS RANGE GATSBY G13	ASRG13	21	6.3	18
IRELANDS GAPSTED G25	VICG25	22	6.4	15
MILLAH MURRAH EVIDENT H105	NMMH105	15	6.8	5
MURRAY UPSHOT H32	NURH32	7	6.7	9
PATHFINDER GENESIS G357	SMPG357	21	7.2	2
RENNYLEA G255	NORG255	33	6.7	9
STRATHEWEN RED DAIQUIRI H40	VSNH40	19	6.4	15
TALOOBY GALAXY G121	NPGG121	23	6.9	4
TE WHANGA M14	NZE10752011M14	27	6.7	9
TWYNAM F53	NXTF53	18	6.8	5
WAIRERE YNOT Y0491	NZE13615011491	26	5.7	19
WATTLETOP FRANKLIN G188	NWPG188	18	6.8	5

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 4 - Scan Rump Fat (mm)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
ALLOURA GET CRACKING G10	DGJG10	32	8.8	13
BALD BLAIR DAVID G105	NBBG105	30	9.7	7
BANQUET GARRETT G272	VONG272	30	7.9	19
BONNY BROOKE FALCO F32	NUIF32	15	11.2	1
BOONAROO GRAVITY G13 G013	HCAG013	24	8.9	12
BOOROOMOOKA GALILEO G501	NGMG501	24	9.5	9
BURENDA GEIGER COUNTER G49	QBUG49	24	8.6	15
COFFIN CREEK HORATIO H16	NIWH16	16	8.0	18
CUDGEGONG PARK GRANGE G4	DPCG4	20	10.5	2
DWYERS RANGE GATSBY G13	ASRG13	21	8.2	16
IRELANDS GAPSTED G25	VICG25	22	9.9	5
MILLAH MURRAH EVIDENT H105	NMMH105	15	9.4	10
MURRAY UPSHOT H32	NURH32	7	6.5	21
PATHFINDER GENESIS G357	SMPG357	21	9.4	10
RENNYLEA G255	NORG255	33	8.1	17
STRATHEWEN RED DAIQUIRI H40	VSNH40	19	8.7	14
TALOOBY GALAXY G121	NPGG121	23	9.7	7
TE WHANGA M14	NZE10752011M14	26	10.2	4
TWYNAM F53	NXTF53	18	9.8	6
WAIRERE YNOT Y0491	NZE13615011491	26	7.8	20
WATTLETOP FRANKLIN G188	NWPG188	18	10.3	3

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 4 - Scan IMF (%)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
ALLOURA GET CRACKING G10	DGJG10	32	6.1	2
BALD BLAIR DAVID G105	NBBG105	31	5.8	3
BANQUET GARRETT G272	VONG272	30	5.2	20
BONNY BROOKE FALCO F32	NUIF32	15	6.2	1
BOONAROO GRAVITY G13 G013	HCAG013	24	5.5	12
BOOROOMOOKA GALILEO G501	NGMG501	24	5.6	10
BURENDA GEIGER COUNTER G49	QBUG49	24	5.7	6
COFFIN CREEK HORATIO H16	NIWH16	16	4.9	21
CUDGEGONG PARK GRANGE G4	DPCG4	20	5.5	12
DWYERS RANGE GATSBY G13	ASRG13	21	5.6	10
IRELANDS GAPSTED G25	VICG25	22	5.8	3
MILLAH MURRAH EVIDENT H105	NMMH105	15	5.5	12
MURRAY UPSHOT H32	NURH32	7	5.3	17
PATHFINDER GENESIS G357	SMPG357	21	5.5	12
RENNYLEA G255	NORG255	33	5.8	3
STRATHEWEN RED DAIQUIRI H40	VSNH40	19	5.7	6
TALOOBY GALAXY G121	NPGG121	23	5.3	17
TE WHANGA M14	NZE10752011M14	27	5.3	17
TWYNAM F53	NXTF53	18	5.7	6
WAIRERE YNOT Y0491	NZE13615011491	26	5.4	16
WATTLETOP FRANKLIN G188	NWPG188	18	5.7	6

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 4 - Carcase Weight (kg)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
ALLOURA GET CRACKING G10	DGJG10	21	394.7	17
BALD BLAIR DAVID G105	NBBG105	15	373.4	21
BANQUET GARRETT G272	VONG272	16	395.3	16
BONNY BROOKE FALCO F32	NUIF32	6	395.9	15
BOONAROO GRAVITY G13 G013	HCAG013	10	408.0	12
BOOROOMOOKA GALILEO G501	NGMG501	12	422.6	4
BURENDA GEIGER COUNTER G49	QBUG49	15	400.4	13
COFFIN CREEK HORATIO H16	NIWH16	9	391.1	18
CUDGEGONG PARK GRANGE G4	DPCG4	11	399.7	14
DWYERS RANGE GATSBY G13	ASRG13	12	410.3	9
IRELANDS GAPSTED G25	VICG25	12	415.5	8
MILLAH MURRAH EVIDENT H105	NMMH105	6	429.3	2
MURRAY UPSHOT H32	NURH32	6	409.8	10
PATHFINDER GENESIS G357	SMPG357	9	432.9	1
RENNYLEA G255	NORG255	22	423.4	3
STRATHEWEN RED DAIQUIRI H40	VSNH40	10	390.3	19
TALOOBY GALAXY G121	NPGG121	12	408.8	11
TE WHANGA M14	NZE10752011M14	17	415.6	7
TWYNAM F53	NXTF53	11	418.3	6
WAIRERE YNOT Y0491	NZE13615011491	19	383.4	20
WATTLETOP FRANKLIN G188	NWPG188	14	419.9	5

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 4 - Carcase EMA (sq cm)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
ALLOURA GET CRACKING G10	DGJG10	21	85.8	4
BALD BLAIR DAVID G105	NBBG105	15	85.0	7
BANQUET GARRETT G272	VONG272	16	81.7	13
BONNY BROOKE FALCO F32	NUIF32	6	77.4	21
BOONAROO GRAVITY G13 G013	HCAG013	10	85.4	5
BOOROOMOOKA GALILEO G501	NGMG501	12	80.1	18
BURENDA GEIGER COUNTER G49	QBUG49	15	81.0	17
COFFIN CREEK HORATIO H16	NIWH16	9	78.4	20
CUDGEGONG PARK GRANGE G4	DPCG4	11	81.7	13
DWYERS RANGE GATSBY G13	ASRG13	12	83.9	8
IRELANDS GAPSTED G25	VICG25	12	83.3	11
MILLAH MURRAH EVIDENT H105	NMMH105	6	87.8	1
MURRAY UPSHOT H32	NURH32	5	81.6	15
PATHFINDER GENESIS G357	SMPG357	9	86.9	3
RENNYLEA G255	NORG255	22	83.9	8
STRATHEWEN RED DAIQUIRI H40	VSNH40	10	83.8	10
TALOOBY GALAXY G121	NPGG121	12	79.6	19
TE WHANGA M14	NZE10752011M14	17	81.5	16
TWYNAM F53	NXTF53	11	87.2	2
WAIRERE YNOT Y0491	NZE13615011491	19	85.3	6
WATTLETOP FRANKLIN G188	NWPG188	14	82.6	12

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 4 - Carcase Rump Fat (mm)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
ALLOURA GET CRACKING G10	DGJG10	21	18.4	7
BALD BLAIR DAVID G105	NBBG105	15	17.7	9
BANQUET GARRETT G272	VONG272	16	15.6	19
BONNY BROOKE FALCO F32	NUIF32	6	18.5	6
BOONAROO GRAVITY G13 G013	HCAG013	10	16.9	12
BOOROOMOOKA GALILEO G501	NGMG501	12	16.0	17
BURENDA GEIGER COUNTER G49	QBUG49	15	15.5	20
COFFIN CREEK HORATIO H16	NIWH16	9	16.4	15
CUDGEGONG PARK GRANGE G4	DPCG4	11	22.7	2
DWYERS RANGE GATSBY G13	ASRG13	12	16.7	13
IRELANDS GAPSTED G25	VICG25	12	18.1	8
MILLAH MURRAH EVIDENT H105	NMMH105	6	22.9	1
MURRAY UPSHOT H32	NURH32	6	16.1	16
PATHFINDER GENESIS G357	SMPG357	9	16.0	17
RENNYLEA G255	NORG255	22	15.4	21
STRATHEWEN RED DAIQUIRI H40	VSNH40	10	16.6	14
TALOOBY GALAXY G121	NPGG121	12	17.6	10
TE WHANGA M14	NZE10752011M14	17	22.4	3
TWYNAM F53	NXTF53	11	20.0	4
WAIRERE YNOT Y0491	NZE13615011491	19	17.1	11
WATTLETOP FRANKLIN G188	NWPG188	13	19.0	5

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 4 - Carcase Rib Fat (mm)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
ALLOURA GET CRACKING G10	DGJG10	21	18.2	6
BALD BLAIR DAVID G105	NBBG105	15	14.3	20
BANQUET GARRETT G272	VONG272	16	15.6	16
BONNY BROOKE FALCO F32	NUIF32	6	19.8	2
BOONAROO GRAVITY G13 G013	HCAG013	10	15.7	15
BOOROOMOOKA GALILEO G501	NGMG501	12	14.8	19
BURENDA GEIGER COUNTER G49	QBUG49	15	18.0	7
COFFIN CREEK HORATIO H16	NIWH16	9	12.1	21
CUDGEGONG PARK GRANGE G4	DPCG4	11	18.8	4
DWYERS RANGE GATSBY G13	ASRG13	11	16.2	14
IRELANDS GAPSTED G25	VICG25	12	17.0	13
MILLAH MURRAH EVIDENT H105	NMMH105	6	15.1	18
MURRAY UPSHOT H32	NURH32	5	17.9	9
PATHFINDER GENESIS G357	SMPG357	9	19.9	1
RENNYLEA G255	NORG255	22	17.6	11
STRATHEWEN RED DAIQUIRI H40	VSNH40	10	17.1	12
TALOOBY GALAXY G121	NPGG121	12	19.7	3
TE WHANGA M14	NZE10752011M14	17	17.7	10
TWYNAM F53	NXTF53	11	18.3	5
WAIRERE YNOT Y0491	NZE13615011491	19	15.2	17
WATTLETOP FRANKLIN G188	NWPG188	13	18.0	7

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 4 - Carcase IMF (%)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
ALLOURA GET CRACKING G10	DGJG10	21	17.9	2
BALD BLAIR DAVID G105	NBBG105	15	16.9	4
BANQUET GARRETT G272	VONG272	16	17.0	3
BONNY BROOKE FALCO F32	NUIF32	6	14.3	15
BOONAROO GRAVITY G13 G013	HCAG013	10	15.8	9
BOOROOMOOKA GALILEO G501	NGMG501	12	13.9	17
BURENDA GEIGER COUNTER G49	QBUG49	15	16.5	6
COFFIN CREEK HORATIO H16	NIWH16	9	10.5	21
CUDGEGONG PARK GRANGE G4	DPCG4	11	15.9	8
DWYERS RANGE GATSBY G13	ASRG13	12	16.7	5
IRELANDS GAPSTED G25	VICG25	12	13.9	17
MILLAH MURRAH EVIDENT H105	NMMH105	6	15.3	11
MURRAY UPSHOT H32	NURH32	6	14.0	16
PATHFINDER GENESIS G357	SMPG357	9	13.2	19
RENNYLEA G255	NORG255	22	18.1	1
STRATHEWEN RED DAIQUIRI H40	VSNH40	10	14.8	13
TALOOBY GALAXY G121	NPGG121	12	14.4	14
TE WHANGA M14	NZE10752011M14	17	13.0	20
TWYNAM F53	NXTF53	11	15.7	10
WAIRERE YNOT Y0491	NZE13615011491	19	14.9	12
WATTLETOP FRANKLIN G188	NWPG188	14	16.4	7

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 4 - Net Feed Intake (kg/day)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
ALLOURA GET CRACKING G10	DGJG10	23	-3.0	14
BALD BLAIR DAVID G105	NBBG105	15	-3.4	6
BANQUET GARRETT G272	VONG272	16	-4.1	1
BONNY BROOKE FALCO F32	NUIF32	6	-3.9	2
BOONAROO GRAVITY G13 G013	HCAG013	11	-3.3	8
BOOROOMOOKA GALILEO G501	NGMG501	11	-3.6	4
BURENDA GEIGER COUNTER G49	QBUG49	15	-3.2	10
COFFIN CREEK HORATIO H16	NIWH16	8	-3.3	8
CUDGEGONG PARK GRANGE G4	DPCG4	11	-3.5	5
DWYERS RANGE GATSBY G13	ASRG13	11	-2.9	16
IRELANDS GAPSTED G25	VICG25	11	-3.1	12
MILLAH MURRAH EVIDENT H105	NMMH105	7	-3.1	12
MURRAY UPSHOT H32	NURH32	6	-2.6	17
PATHFINDER GENESIS G357	SMPG357	9	-2.4	18
RENNYLEA G255	NORG255	23	-3.4	6
STRATHEWEN RED DAIQUIRI H40	VSNH40	11	-2.2	19
TALOOBY GALAXY G121	NPGG121	12	-1.9	21
TE WHANGA M14	NZE10752011M14	16	-3.0	14
TWYNAM F53	NXTF53	10	-2.0	20
WAIRERE YNOT Y0491	NZE13615011491	18	-3.2	10
WATTLETOP FRANKLIN G188	NWPG188	15	-3.7	3

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 4 - MSA Marble Score (Score)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
ALLOURA GET CRACKING G10	DGJG10	21	570.9	2
BALD BLAIR DAVID G105	NBBG105	15	539.9	6
BANQUET GARRETT G272	VONG272	16	542.3	5
BONNY BROOKE FALCO F32	NUIF32	6	476.7	15
BOONAROO GRAVITY G13 G013	HCAG013	10	525.1	8
BOOROOMOOKA GALILEO G501	NGMG501	12	470.2	18
BURENDA GEIGER COUNTER G49	QBUG49	15	537.4	7
COFFIN CREEK HORATIO H16	NIWH16	9	363.1	21
CUDGEGONG PARK GRANGE G4	DPCG4	11	518.0	10
DWYERS RANGE GATSBY G13	ASRG13	12	546.6	3
IRELANDS GAPSTED G25	VICG25	12	471.2	17
MILLAH MURRAH EVIDENT H105	NMMH105	6	508.5	11
MURRAY UPSHOT H32	NURH32	6	471.7	16
PATHFINDER GENESIS G357	SMPG357	9	454.0	19
RENNYLEA G255	NORG255	22	581.1	1
STRATHEWEN RED DAIQUIRI H40	VSNH40	10	486.7	13
TALOOBY GALAXY G121	NPGG121	12	484.5	14
TE WHANGA M14	NZE10752011M14	17	447.4	20
TWYNAM F53	NXTF53	11	520.4	9
WAIRERE YNOT Y0491	NZE13615011491	19	490.3	12
WATTLETOP FRANKLIN G188	NWPG188	14	542.8	4

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 4 - MSA Ossification (Score)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
ALLOURA GET CRACKING G10	DGJG10	21	145.3	8
BALD BLAIR DAVID G105	NBBG105	15	146.0	10
BANQUET GARRETT G272	VONG272	16	152.7	19
BONNY BROOKE FALCO F32	NUIF32	6	149.3	15
BOONAROO GRAVITY G13 G013	HCAG013	10	146.3	12
BOOROOMOOKA GALILEO G501	NGMG501	12	163.9	21
BURENDA GEIGER COUNTER G49	QBUG49	15	138.9	4
COFFIN CREEK HORATIO H16	NIWH16	9	139.9	5
CUDGEGONG PARK GRANGE G4	DPCG4	11	135.3	1
DWYERS RANGE GATSBY G13	ASRG13	12	149.2	14
IRELANDS GAPSTED G25	VICG25	12	140.0	6
MILLAH MURRAH EVIDENT H105	NMMH105	6	151.8	18
MURRAY UPSHOT H32	NURH32	5	153.3	20
PATHFINDER GENESIS G357	SMPG357	9	137.2	2
RENNYLEA G255	NORG255	22	146.7	13
STRATHEWEN RED DAIQUIRI H40	VSNH40	10	150.8	16
TALOOBY GALAXY G121	NPGG121	12	138.5	3
TE WHANGA M14	NZE10752011M14	17	151.1	17
TWYNAM F53	NXTF53	11	146.2	11
WAIRERE YNOT Y0491	NZE13615011491	19	143.5	7
WATTLETOP FRANKLIN G188	NWPG188	14	145.5	9

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 4 - MSA Index (Index)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
ALLOURA GET CRACKING G10	DGJG10	21	65.6	2
BALD BLAIR DAVID G105	NBBG105	15	64.9	11
BANQUET GARRETT G272	VONG272	16	64.5	14
BONNY BROOKE FALCO F32	NUIF32	6	64.3	16
BOONAROO GRAVITY G13 G013	HCAG013	10	65.0	9
BOOROOMOOKA GALILEO G501	NGMG501	12	63.8	20
BURENDA GEIGER COUNTER G49	QBUG49	15	65.5	3
COFFIN CREEK HORATIO H16	NIWH16	9	62.6	21
CUDGEGONG PARK GRANGE G4	DPCG4	11	65.5	3
DWYERS RANGE GATSBY G13	ASRG13	12	65.2	6
IRELANDS GAPSTED G25	VICG25	12	64.8	12
MILLAH MURRAH EVIDENT H105	NMMH105	6	64.6	13
MURRAY UPSHOT H32	NURH32	5	64.1	18
PATHFINDER GENESIS G357	SMPG357	9	65.0	9
RENNYLEA G255	NORG255	22	65.7	1
STRATHEWEN RED DAIQUIRI H40	VSNH40	10	64.3	16
TALOOBY GALAXY G121	NPGG121	12	65.1	7
TE WHANGA M14	NZE10752011M14	17	63.9	19
TWYNAM F53	NXTF53	11	65.1	7
WAIRERE YNOT Y0491	NZE13615011491	19	64.4	15
WATTLETOP FRANKLIN G188	NWPG188	14	65.4	5

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: 4 - Docility (Score)

Sire Name	Sire ID	Number of Progeny	Progeny % Score 1-1.5	Rank
ALLOURA GET CRACKING G10	DGJG10	34	29.4	20
BALD BLAIR DAVID G105	NBBG105	36	41.7	15
BANQUET GARRETT G272	VONG272	33	63.6	8
BONNY BROOKE FALCO F32	NUIF32	21	47.6	13
BOONAROO GRAVITY G013	HCAG013	25	32.0	18
BOOROOMOOKA GALILEO G501	NGMG501	25	68.0	4
BURENDA GEIGER COUNTER G49	QBUG49	26	65.4	6
COFFIN CREEK HORATIO H16	NIWH16	20	65.0	7
CUDGEGONG PARK GRANGE G4	DPCG4	23	39.1	16
DWYERS RANGE GATSBY G13	ASRG13	24	54.2	10
IRELANDS GAPSTED G25	VICG25	26	42.3	14
MILLAH MURRAH EVIDENT H105	NMMH105	17	52.9	11
MURRAY UPSHOT H32	NURH32	10	30.0	19
PATHFINDER GENESIS G357	SMPG357	24	70.8	2
RENNYLEA G255	NORG255	37	51.4	12
STRATHEWEN RED DAIQUIRI H40	VSNH40	22	72.7	1
TALOOBY GALAXY G121	NPGG121	26	38.5	17
TE WHANGA M14	NZE10752011M14	34	70.6	3
TWYNAM F53	NXTF53	18	66.7	5
WAIRERE YNOT Y0491	NZE13615011491	31	25.8	21
WATTLETOP FRANKLIN G188	NWPG188	22	54.5	9

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 4 - Claw Set (Score)

Sire Name	Sire ID	Number of Progeny	Progeny % Score 5-6	Rank
ALLOURA GET CRACKING G10	DGJG10	32	100.0	1
BALD BLAIR DAVID G105	NBBG105	33	78.8	11
BANQUET GARRETT G272	VONG272	26	80.8	10
BONNY BROOKE FALCO F32	NUIF32	14	100.0	1
BOONAROO GRAVITY G013	HCAG013	24	87.5	5
BOOROOMOOKA GALILEO G501	NGMG501	24	70.8	15
BURENDA GEIGER COUNTER G49	QBUG49	23	60.9	18
COFFIN CREEK HORATIO H16	NIWH16	15	33.3	21
CUDGEGONG PARK GRANGE G4	DPCG4	19	89.5	4
DWYERS RANGE GATSBY G13	ASRG13	21	81.0	9
IRELANDS GAPSTED G25	VICG25	22	81.8	8
MILLAH MURRAH EVIDENT H105	NMMH105	15	73.3	13
MURRAY UPSHOT H32	NURH32	8	50.0	20
PATHFINDER GENESIS G357	SMPG357	19	73.7	12
RENNYLEA G255	NORG255	32	53.1	19
STRATHEWEN RED DAIQUIRI H40	VSNH40	19	63.2	17
TALOOBY GALAXY G121	NPGG121	24	87.5	5
TE WHANGA M14	NZE10752011M14	27	100.0	1
TWYNAM F53	NXTF53	18	72.2	14
WAIRERE YNOT Y0491	NZE13615011491	26	84.6	7
WATTLETOP FRANKLIN G188	NWPG188	18	66.7	16

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 4 - Foot Angle (Score)

Sire Name	Sire ID	Number of Progeny	Progeny % Score 5-6	Rank
ALLOURA GET CRACKING G10	DGJG10	32	93.8	14
BALD BLAIR DAVID G105	NBBG105	33	84.8	21
BANQUET GARRETT G272	VONG272	26	100.0	1
BONNY BROOKE FALCO F32	NUIF32	14	100.0	1
BOONAROO GRAVITY G013	HCAG013	24	95.8	7
BOOROOMOOKA GALILEO G501	NGMG501	24	87.5	18
BURENDA GEIGER COUNTER G49	QBUG49	23	87.0	19
COFFIN CREEK HORATIO H16	NIWH16	15	93.3	16
CUDGEGONG PARK GRANGE G4	DPCG4	19	100.0	1
DWYERS RANGE GATSBY G13	ASRG13	21	95.2	10
IRELANDS GAPSTED G25	VICG25	22	95.5	9
MILLAH MURRAH EVIDENT H105	NMMH105	15	86.7	20
MURRAY UPSHOT H32	NURH32	8	100.0	1
PATHFINDER GENESIS G357	SMPG357	19	94.7	11
RENNYLEA G255	NORG255	32	93.8	14
STRATHEWEN RED DAIQUIRI H40	VSNH40	19	94.7	11
TALOOBY GALAXY G121	NPGG121	24	95.8	7
TE WHANGA M14	NZE10752011M14	27	100.0	1
TWYNAM F53	NXTF53	18	88.9	17
WAIRERE YNOT Y0491	NZE13615011491	26	96.2	6
WATTLETOP FRANKLIN G188	NWPG188	18	94.4	13

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 4 - Coat Type (Score)

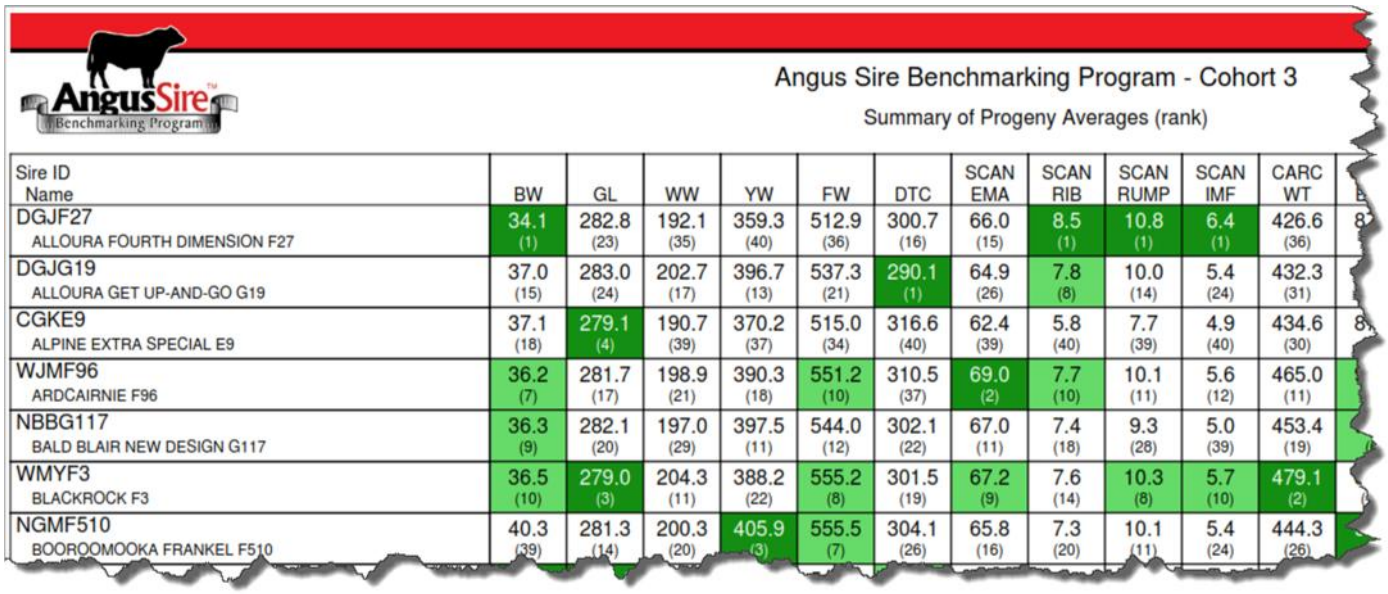
Sire Name	Sire ID	Number of Progeny	Progeny % Score 1-2	Rank
ALLOURA GET CRACKING G10	DGJG10	32	28.1	14
BALD BLAIR DAVID G105	NBBG105	33	45.5	5
BANQUET GARRETT G272	VONG272	26	26.9	15
BONNY BROOKE FALCO F32	NUIF32	14	7.1	21
BOONAROO GRAVITY G013	HCAG013	24	37.5	8
BOOROOMOOKA GALILEO G501	NGMG501	24	16.7	18
BURENDA GEIGER COUNTER G49	QBUG49	23	39.1	6
COFFIN CREEK HORATIO H16	NIWH16	15	13.3	20
CUDGEGONG PARK GRANGE G4	DPCG4	19	47.4	4
DWYERS RANGE GATSBY G13	ASRG13	21	47.6	3
IRELANDS GAPSTED G25	VICG25	22	36.4	11
MILLAH MURRAH EVIDENT H105	NMMH105	15	20.0	17
MURRAY UPSHOT H32	NURH32	8	37.5	8
PATHFINDER GENESIS G357	SMPG357	19	31.6	12
RENNYLEA G255	NORG255	32	59.4	1
STRATHEWEN RED DAIQUIRI H40	VSNH40	19	36.8	10
TALOOBY GALAXY G121	NPGG121	24	25.0	16
TE WHANGA M14	NZE10752011M14	27	29.6	13
TWYNAM F53	NXTF53	18	50.0	2
WAIRERE YNOT Y0491	NZE13615011491	26	38.5	7
WATTLETOP FRANKLIN G188	NWPG188	18	16.7	18

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 4

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
DGJG10 ALLOURA GET CRACKING G10	31.2 (3)	280.1 (19)	199.1 (18)	327.6 (12)	497.1 (19)	296.2 (1)	65.9 (3)	7.1 (3)	8.8 (13)	6.1 (2)	394.7 (17)	85.8 (4)	17.9 (2)	-3.0 (14)	570.9 (2)	145.3 (8)	65.6 (2)	29.4 (20)	100.0 (1)	93.8 (14)	28.1 (14)
NBBG105 BALD BLAIR DAVID G105	32.8 (12)	278.7 (13)	205.0 (13)	331.0 (6)	509.5 (14)	307.6 (14)	63.2 (14)	6.5 (12)	9.7 (7)	5.8 (3)	373.4 (21)	85.0 (7)	16.9 (4)	-3.4 (6)	539.9 (6)	146.0 (10)	64.9 (11)	41.7 (15)	78.8 (11)	84.8 (21)	45.5 (5)
VONG272 BANQUET GARRETT G272	32.6 (11)	280.4 (20)	207.6 (9)	330.1 (8)	532.8 (2)	305.1 (11)	62.1 (18)	5.6 (20)	7.9 (19)	5.2 (20)	395.3 (16)	81.7 (13)	17.0 (3)	-4.1 (1)	542.3 (5)	152.7 (19)	64.5 (14)	63.6 (8)	80.8 (10)	100.0 (1)	26.9 (15)
NUIF32 BONNY BROOKE FALCO F32	33.1 (14)	280.6 (21)	207.2 (11)	312.7 (20)	508.9 (15)	307.7 (15)	61.5 (20)	8.7 (1)	11.2 (1)	6.2 (1)	395.9 (15)	77.4 (21)	14.3 (15)	-3.9 (2)	476.7 (15)	149.3 (15)	64.3 (16)	47.6 (13)	100.0 (1)	100.0 (1)	7.1 (21)
HCAG013 BOONAROO GRAVITY G013	31.6 (4)	276.6 (4)	209.6 (5)	330.0 (9)	522.0 (6)	300.0 (5)	64.4 (5)	6.5 (12)	8.9 (12)	5.5 (12)	408.0 (12)	85.4 (5)	15.8 (9)	-3.3 (8)	525.1 (8)	146.3 (12)	65.0 (9)	32.0 (18)	87.5 (5)	95.8 (7)	37.5 (8)
HCAG013 BOONAROO GRAVITY G13 G013	31.6 (4)	276.6 (4)	209.6 (5)	330.0 (9)	522.0 (6)	300.0 (5)	64.4 (5)	6.5 (12)	8.9 (12)	5.5 (12)	408.0 (12)	85.4 (5)	15.8 (9)	-3.3 (8)	525.1 (8)	146.3 (12)	65.0 (9)	32.0 (18)	87.5 (5)	95.8 (7)	37.5 (8)
NGMG501 BOOROOMOOKA GALILEO G501	31.0 (2)	275.4 (1)	206.7 (12)	331.3 (5)	521.7 (7)	298.5 (4)	63.9 (7)	6.5 (12)	9.5 (9)	5.6 (10)	422.6 (4)	80.1 (18)	13.9 (17)	-3.6 (4)	470.2 (18)	163.9 (21)	63.8 (20)	68.0 (4)	70.8 (15)	87.5 (18)	16.7 (18)
QBUG49 BURENDA GEIGER COUNTER G49	31.9 (5)	278.1 (10)	198.4 (19)	322.5 (16)	510.1 (13)	302.8 (8)	62.7 (17)	6.4 (15)	8.6 (15)	5.7 (6)	400.4 (13)	81.0 (17)	16.5 (6)	-3.2 (10)	537.4 (7)	138.9 (4)	65.5 (3)	65.4 (6)	60.9 (18)	87.0 (19)	39.1 (6)
NIWH16 COFFIN CREEK HORATIO H16	33.3 (16)	276.8 (6)	214.3 (2)	327.1 (13)	516.9 (9)	309.4 (16)	63.8 (9)	5.2 (21)	8.0 (18)	4.9 (21)	391.1 (18)	78.4 (20)	10.5 (21)	-3.3 (8)	363.1 (21)	139.9 (5)	62.6 (21)	65.0 (7)	33.3 (21)	93.3 (16)	13.3 (20)
DPCG4 CUDGEGONG PARK GRANGE G4	32.2 (8)	279.6 (18)	203.2 (14)	311.0 (21)	508.9 (15)	304.0 (9)	63.8 (9)	6.8 (5)	10.5 (2)	5.5 (12)	399.7 (14)	81.7 (13)	15.9 (8)	-3.5 (5)	518.0 (10)	135.3 (1)	65.5 (3)	39.1 (16)	89.5 (4)	100.0 (1)	47.4 (4)
ASRG13 DWYERS RANGE GATSBY G13	33.6 (19)	276.4 (3)	207.7 (8)	330.8 (7)	515.8 (10)	298.3 (3)	63.8 (9)	6.3 (18)	8.2 (16)	5.6 (10)	410.3 (9)	83.9 (8)	16.7 (5)	-2.9 (16)	546.6 (3)	149.2 (14)	65.2 (6)	54.2 (10)	81.0 (9)	95.2 (10)	47.6 (3)
VICG25 IRELANDS GAPSTED G25	33.9 (20)	278.4 (11)	207.9 (7)	337.2 (3)	532.8 (2)	310.1 (17)	65.9 (3)	6.4 (15)	9.9 (5)	5.8 (3)	415.5 (8)	83.3 (11)	13.9 (17)	-3.1 (12)	471.2 (17)	140.0 (6)	64.8 (12)	42.3 (14)	81.8 (8)	95.5 (9)	36.4 (11)
NMMH105 MILLAH MURRAH EVIDENT H105	35.4 (21)	279.4 (16)	215.0 (1)	334.8 (4)	529.2 (5)	310.1 (17)	66.8 (1)	6.8 (5)	9.4 (10)	5.5 (12)	429.3 (2)	87.8 (1)	15.3 (11)	-3.1 (12)	508.5 (11)	151.8 (18)	64.6 (13)	52.9 (11)	73.3 (13)	86.7 (20)	20.0 (17)
NURH32 MURRAY UPSHOT H32	33.1 (14)	279.4 (16)	199.4 (16)	322.6 (15)	495.5 (20)	332.3 (21)	63.6 (12)	6.7 (9)	6.5 (21)	5.3 (17)	409.8 (10)	81.6 (15)	14.0 (16)	-2.6 (17)	471.7 (16)	153.3 (20)	64.1 (18)	30.0 (19)	50.0 (20)	100.0 (1)	37.5 (8)
SMPG357 PATHFINDER GENESIS G357	33.4 (17)	275.5 (2)	211.6 (4)	338.6 (2)	530.3 (4)	305.1 (11)	64.0 (6)	7.2 (2)	9.4 (10)	5.5 (12)	432.9 (1)	86.9 (3)	13.2 (19)	-2.4 (18)	454.0 (19)	137.2 (2)	65.0 (9)	70.8 (2)	73.7 (12)	94.7 (11)	31.6 (12)
NORG255 RENNYLEA G255	32.1 (6)	278.5 (12)	201.8 (15)	329.1 (10)	519.4 (8)	310.7 (19)	63.9 (7)	6.7 (9)	8.1 (17)	5.8 (3)	423.4 (3)	83.9 (8)	18.1 (1)	-3.4 (6)	581.1 (1)	146.7 (13)	65.7 (1)	51.4 (12)	53.1 (19)	93.8 (14)	59.4 (1)
VSNH40 STRATHEWEN RED DAIQUIRI H40	29.5 (1)	276.8 (6)	199.3 (17)	328.8 (11)	501.5 (17)	301.3 (6)	63.0 (15)	6.4 (15)	8.7 (14)	5.7 (6)	390.3 (19)	83.8 (10)	14.8 (13)	-2.2 (19)	486.7 (13)	150.8 (16)	64.3 (16)	72.7 (1)	63.2 (17)	94.7 (11)	36.8 (10)
NPGG121 TALOOBY GALAXY G121	32.2 (8)	279.1 (15)	197.6 (21)	314.9 (19)	498.8 (18)	301.9 (7)	60.7 (21)	6.9 (4)	9.7 (7)	5.3 (17)	408.8 (11)	79.6 (19)	14.4 (14)	-1.9 (21)	484.5 (14)	138.5 (3)	65.1 (7)	38.5 (17)	87.5 (5)	95.8 (7)	25.0 (16)
NZE10752011M14 TE WHANGA M14	32.8 (12)	278.8 (14)	208.7 (6)	317.9 (18)	510.7 (12)	297.7 (2)	61.9 (19)	6.7 (9)	10.2 (4)	5.3 (17)	415.6 (7)	81.5 (16)	13.0 (20)	-3.0 (14)	447.4 (20)	151.1 (17)	63.9 (19)	70.6 (3)	100.0 (1)	100.0 (1)	29.6 (13)
NXTF53 TWYNAM F53	33.4 (17)	277.2 (8)	207.4 (10)	325.2 (14)	514.9 (11)	304.1 (10)	63.6 (12)	6.8 (5)	9.8 (6)	5.7 (6)	418.3 (6)	87.2 (2)	15.7 (10)	-2.0 (20)	520.4 (9)	146.2 (11)	65.1 (7)	66.7 (5)	72.2 (14)	88.9 (17)	50.0 (2)
NZE13615011491 WAIRERE YNOT Y0491	32.3 (10)	277.3 (9)	198.1 (20)	320.9 (17)	492.7 (21)	305.3 (13)	62.8 (16)	5.7 (19)	7.8 (20)	5.4 (16)	383.4 (20)	85.3 (6)	14.9 (12)	-3.2 (10)	490.3 (12)	143.5 (7)	64.4 (15)	25.8 (21)	84.6 (7)	96.2 (6)	38.5 (7)
NWPG188 WATTLETOP FRANKLIN G188	32.1 (6)	276.7 (5)	213.2 (3)	348.2 (1)	538.8 (1)	313.3 (20)	66.3 (2)	6.8 (5)	10.3 (3)	5.7 (6)	419.9 (5)	82.6 (12)	16.4 (7)	-3.7 (3)	542.8 (4)	145.5 (9)	65.4 (5)	54.5 (9)	66.7 (16)	94.4 (13)	16.7 (18)

8.1.5 ASBP Cohort 5 Progeny Performance Report

AngusSire™
Benchmarking Program

PROGENY PERFORMANCE REPORT

COHORT 5

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 Feedlot
John Dee Abattoir
University of New England (UNE)
Vetoquinol

Co-operator Cow Herds

Brad and Marg Gilmour, Boorcan, VIC.
Rob and Sally Bulle, Ardrossan, Holbrook, NSW.
Hugh Munro, Glenroy, Gravesend, NSW.
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Douglas Lithgow, Swanpool, VIC, 3673
Bruce 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	ABI	DOM	GRN	GRS
NXOL172	**AJC L172** [SV]				+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
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
ABI	Angus Breeding Index
DOM	Domestic Index
GRN	Heavy Grain Index
GRS	Heavy Grass 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 5
Mid December 2020 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	ABI	DOM	GRN	GRS
TJTH33	**ANTU EMULATION NEXT H33** PV				+4.4	+5.1	-7.2	+1.5	+38	+69	+85	+84	+12	+0.7	-4.9	+46	+1.1	+2.5	+3.8	-1.2	-0.1	-0.48	+0	+1.06	+1.26	$41	$64	$6	$48
USA24J	HBR	10	78	0	66%	57%	96%	94%	91%	90%	90%	86%	80%	78%	73%	88%	87%	89%	87%	88%	87%	82%	84%	83%	83%				
USA15355044					36	29	13	5	94	95	96	79	86	93	47	97	99	3	1	97	99	2	72	68	98	94	89	96	94
HBUJ018	**ANVIL J018** PV				+9.4	+9.8	-10.5	+3.5	+52	+102	+129	+123	+10	+1.7	-5.0	+71	+1.4	-0.6	-1.1	+0.2	+1.3	-0.21	+13	+1.08	+0.92	$93	$105	$80	$96
USA15848590	HBR	12	49	0	56%	42%	95%	92%	87%	88%	88%	82%	74%	83%	58%	86%	83%	87%	84%	83%	83%	80%	78%	83%	81%				
HBUG075					7	3	1	31	32	11	17	12	96	61	45	28	98	65	69	64	76	10	29	72	66	60	44	66	57
HBUJ301	**ANVIL J301** SV				-0.6	+0.6	-2.9	+3.4	+44	+77	+103	+91	+18	+0.8	-8.0	+53	-1.1	-0.8	-0.9	-0.1	+1.1	+0.35	+34	+0.66	+0.46	$80	$83	$66	$80
USA16207085	HBR	9	92	0	57%	43%	94%	94%	90%	91%	91%	84%	80%	79%	60%	88%	85%	88%	86%	85%	85%	80%	81%	85%	85%				
VTMY147					71	70	76	29	75	83	78	66	37	92	7	89	99	71	63	76	82	73	1	3	2	73	73	75	75
QQFH147	**ASCOT HALLMARK H147** PV				-5.2	+2.1	-5.4	+7.5	+61	+111	+159	+147	+18	+3.4	-8.4	+81	-1.1	+0.9	+1.0	-1.3	+2.1	+0.60	+2	+0.84	+0.36	$100	$84	$95	$100
VTME343	HBR	67	956	125	82%	67%	98%	98%	98%	98%	98%	95%	94%	97%	70%	93%	93%	93%	92%	90%	91%	86%	96%	91%	91%				
NMMF123					90	57	35	98	4	3	1	2	37	6	5	6	99	19	14	97	42	92	67	18	1	53	72	55	52
NBBJ94	**BALD BLAIR RIGHT ANSWER J94** PV				+2.0	+3.2	-2.0	+3.2	+66	+116	+150	+109	+29	+3.3	+0.8	+89	+3.0	+0.2	-1.7	+0.6	+1.4	+0.17	+19	+1.00	+1.00	$143	$131	$172	$134
USA15832750	HBR	10	121	0	60%	45%	97%	95%	93%	93%	94%	90%	85%	89%	60%	89%	87%	90%	87%	87%	86%	81%	91%	90%	89%				
NBBG152					54	47	87	25	2	2	2	31	1	7	99	2	91	38	82	45	72	49	13	54	79	12	14	9	15
VONH467	**BANQUET HUMPHRIE H467** SV				+0.8	+1.6	-4.4	+5.2	+36	+80	+95	+88	+11	+1.0	-2.1	+45	+4.8	-2.7	-1.9	+1.6	+0.8	-0.65	+14	+1.14	+0.90	$28	$61	$-6	$43
VONX060	HBR	10	77	0	63%	48%	93%	93%	90%	91%	90%	85%	82%	85%	60%	88%	85%	89%	86%	85%	85%	82%	77%	82%	82%				
VONF386					62	62	51	73	96	76	89	72	91	88	90	97	68	99	86	10	90	1	25	82	62	96	90	97	95
NGXH171	**BONGONGO H171** SV				+10.9	+2.9	-8.5	+1.4	+42	+82	+106	+74	+22	+3.7	-10.8	+68	+0.8	+0.9	+0.3	-0.6	+3.1	-0.03	-16	+0.96	+0.56	$141	$133	$153	$139
NORE11	HBR	8	38	0	60%	50%	92%	90%	87%	86%	88%	85%	77%	74%	63%	87%	85%	88%	85%	84%	85%	82%	81%	81%	81%				
NGXF605					3	50	6	5	84	70	71	90	9	3	1	36	99	19	29	90	14	24	98	44	6	13	13	16	12
NGMH605	**BOOROOMOOKA HYPERNO H605** PV				-14.4	+0.3	-4.5	+7.0	+53	+94	+125	+121	+14	+1.9	-3.8	+67	+7.5	+0.4	+0.1	+2.0	+0.9	-0.31	-16	+0.94	+1.06	$68	$73	$51	$74
USA14963730	HBR	28	652	0	82%	68%	98%	98%	97%	98%	98%	96%	95%	97%	71%	93%	92%	93%	92%	91%	91%	86%	97%	98%	97%				
NGMZ5					99	72	50	96	23	28	25	15	76	51	68	43	23	32	34	5	88	5	98	39	87	82	82	83	80
HTMJ41	**CAMPASPE ROCKS FOCUS J41** PV				+5.8	+8.4	-8.6	+4.4	+52	+87	+117	+124	+10	+2.3	-6.2	+65	+8.1	+1.3	-1.2	+0.9	+2.1	+0.24	-11	+1.04	+1.02	$104	$101	$101	$104
VTMB1	HBR	9	34	0	59%	52%	89%	88%	84%	83%	85%	80%	74%	73%	64%	81%	79%	83%	80%	79%	79%	76%	77%	80%	80%				
VVXB459					26	7	5	54	32	53	43	11	95	32	25	52	17	12	71	31	42	59	95	64	82	48	50	50	46
WLHJ19	**CHERYLTON GRASSMASTER J19** PV				-9.5	-7.7	-4.5	+5.8	+47	+86	+115	+108	+18	+0.8	-3.4	+62	+0.6	-1.2	-1.1	-0.1	+1.3	+0.03	-10	+1.34	+1.08	$35	$42	$18	$35
USA16027094	HBR	9	49	0	58%	46%	90%	91%	87%	86%	86%	81%	72%	81%	56%	86%	84%	87%	84%	86%	84%	80%	76%	78%	78%				
USA14969726					97	99	50	84	56	54	48	33	40	92	75	62	99	82	69	76	76	31	93	98	89	95	96	93	97
WLHJ20	**CHERYLTON RAVEN J20** PV				-12.6	-9.0	-2.3	+8.4	+57	+96	+132	+150	+2	+1.6	-0.5	+71	+7.0	-3.2	-0.4	+1.1	+2.6	-0.11	-4	+0.80	+0.84	$51	$46	$51	$51
SPLF92	HBR	8	24	0	55%	44%	92%	88%	85%	85%	87%	82%	72%	73%	57%	85%	83%	87%	84%	83%	84%	80%	79%	83%	82%				
WLHD54					99	99	84	99	11	23	13	2	99	66	97	27	29	99	48	24	26	17	83	13	49	91	96	83	93
VCCH185	**COOLANA H185** PV				+1.2	+3.0	-6.7	+2.4	+46	+77	+107	+82	+22	+1.6	-1.4	+72	+4.0	-1.0	-0.5	+0.4	+1.3	+0.11	-17	+0.92	+0.98	$88	$81	$88	$87
USA15504526	HBR	9	111	0	61%	50%	92%	95%	92%	91%	91%	87%	82%	90%	60%	87%	85%	88%	85%	84%	84%	80%	77%	80%	80%				
VCCB102					60	49	17	12	67	83	69	81	10	66	94	25	81	77	51	55	76	41	99	35	76	66	75	60	68
VCCH36	**COOLANA NEW DAY H36** PV				+4.5	-1.4	-4.9	+5.6	+50	+89	+115	+113	+10	+0.4	-5.4	+63	+5.5	+0.8	+0.7	+0.0	+1.5	-0.21	+25	+1.12	+0.90	$86	$93	$73	$86
USA14675445	HBR	9	77	0	61%	49%	94%	93%	90%	90%	91%	84%	76%	84%	57%	88%	86%	89%	86%	86%	86%	82%	89%	86%	86%				
CCVC292					35	83	43	81	39	44	48	24	95	97	38	59	55	21	19	72	68	10	6	79	62	68	61	71	69
WDCH249	**COONAMBLE HECTOR H249** SV				-2.7	-3.2	-9.1	+4.3	+45	+79	+101	+83	+3	+1.2	-3.0	+62	+9.1	+1.8	+1.9	+0.9	+0.6	-0.60	+35	+0.68	+0.56	$85	$96	$62	$93
USA14885809	HBR	65	1045	201	82%	64%	98%	98%	98%	98%	97%	94%	94%	97%	69%	93%	92%	93%	92%	90%	91%	84%	96%	92%	92%				
WDCE9					82	91	4	51	73	79	81	79	99	82	81	61	10	7	5	31	93	1	1	3	6	69	57	77	60
	Breed Average EBVs				**+2.0**	**+2.5**	**-4.5**	**+4.2**	**+48**	**+87**	**+114**	**+99**	**+17**	**+2.0**	**-4.8**	**+65**	**+6.0**	**-0.1**	**-0.4**	**+0.5**	**+2.0**	**+0.18**	**+6**	**+0.98**	**+0.85**	**+100**	**+100**	**+100**	**+100**

Angus Australia - Sire Benchmarking Program - Cohort 5
Mid December 2020 TransTasman Angus Cattle Evaluation

Ident / Sire / Dam	Name / Reg.	Statistics: Num Herd	Prog	Prog 2Yr.	Calv-Ease: Dir	Calv-Ease: Dtrs	Birth: GL	Birth: BW	Growth: 200	Growth: 400	Growth: 600	Growth: MCW	Growth: Milk	Fert: SS	Fert: DC	Carcase: CW	Carcase: EMA	Carcase: Rib	Carcase: P8	Carcase: RBY	Carcase: IMF	Feed: NFI-F	Temp: Doc	Structural: Angle	Structural: Claw	Selection Index: ABI	Selection Index: DOM	Selection Index: GRN	Selection Index: GRS
NZE18681012	**FOSSIL CREEK HERO H006** SV				-13.1	+6.4	-5.5	+3.9	+45	+71	+83	+29	+16	+1.9	-5.7	+45	+8.2	+1.5	+4.9	+0.7	+0.7	+0.92	-8	+1.00	+0.76	$138	$143	$133	$136
USA15511451	HBR	8	29	0	70%	53%	96%	96%	95%	95%	95%	91%	90%	91%	65%	91%	89%	91%	89%	88%	88%	84%	82%	81%	81%				
NZE1868110817					99	18	33	41	69	93	97	99	57	51	33	97	16	10	1	40	92	99	91	54	32	15	7	27	14
NZE12154012	**GLANWORTH WAIGROUP 1213** #				+11.9	+7.6	-4.3	+1.0	+33	+73	+90	+61	+12	+2.1	-1.5	+37	+4.0	+1.3	-0.4	-0.6	+0.7	+0.37	+24	+0.80	+0.46	$40	$64	$7	$51
NZE1199001099	HBR	9	36	2	71%	53%	95%	97%	96%	96%	96%	93%	89%	94%	66%	90%	89%	91%	89%	88%	88%	82%	81%	78%	77%				
NZE12154110161					2	11	53	3	98	91	93	97	88	42	94	99	81	12	48	90	92	75	7	13	2	94	89	95	93
QBGM16+92	**GLENOCH MEGAFORCE+92** SV				-18.5	-15.2	-1.5	+5.8	+39	+70	+91	+84	+12	+1.0	-4.1	+52	+3.2	-0.3	+0.4	+0.3	+1.4	-0.08	+11	+0.86	+0.52	$11	$25	$-13	$15
USA88	HBR	105	1589	1	95%	91%	99%	99%	98%	98%	98%	98%	98%	98%	96%	97%	97%	97%	97%	97%	96%	93%	94%	93%	93%				
QBGH10+88					99	99	91	84	91	94	93	78	86	88	63	90	89	55	26	60	72	19	33	22	4	98	99	98	99
VICG43	**IRELANDS GALAXY G43** SV				-9.5	-8.6	-2.8	+5.9	+43	+72	+97	+95	+11	+1.2	-1.7	+49	+5.7	-0.5	-1.5	+1.5	-0.2	+0.17	-16	+0.96	+0.70	$6	$26	$-29	$19
VICD2	HBR	26	515	2	77%	57%	97%	98%	97%	97%	97%	94%	95%	96%	69%	93%	92%	93%	92%	90%	90%	86%	83%	85%	84%				
VICC4					97	99	78	86	81	92	86	58	94	82	93	94	51	62	78	12	99	49	98	44	20	99	99	99	99
NZE14647010	**MATAURI OUTLIER F031** SV				-5.3	+3.1	-4.9	+6.8	+54	+101	+137	+139	+17	+2.4	-5.8	+69	+1.7	+3.0	+0.4	-1.6	+1.4	+0.06	+2	+1.20	+0.80	$43	$48	$22	$45
NZE14647008839	HBR	35	259	7	89%	73%	98%	98%	98%	98%	98%	97%	97%	98%	84%	95%	95%	95%	95%	94%	94%	89%	92%	90%	90%				
NZE14647108860					91	48	43	95	22	11	9	4	44	28	31	36	98	2	26	99	72	35	67	90	40	93	95	93	95
NMMH250	**MILLAH MURRAH HERCULES H250** PV				-7.0	+5.6	-3.4	+6.2	+42	+78	+105	+89	+12	+2.7	-6.4	+58	+2.1	-1.6	-0.6	+0.4	+2.5	+0.04	+5	+1.28	+1.00	$74	$77	$61	$78
NMME78	HBR	32	422	1	71%	54%	98%	98%	96%	96%	96%	92%	89%	94%	66%	90%	89%	91%	89%	87%	88%	83%	90%	85%	85%				
NMME120					94	25	69	89	83	82	74	71	89	18	22	76	96	89	54	55	29	32	57	95	79	78	79	78	76
NMMJ137	**MILLAH MURRAH JACKPOT J137** PV				-10.9	-7.4	-4.8	+7.4	+54	+98	+135	+119	+25	+2.4	-6.4	+74	+7.7	-2.7	-0.8	+2.2	+0.7	-0.88	-13	+1.16	+1.04	$89	$87	$73	$95
USA16262077	HBR	17	158	0	70%	56%	96%	96%	94%	94%	92%	88%	85%	92%	65%	89%	87%	90%	87%	85%	87%	82%	92%	88%	88%				
NMME16					98	99	45	98	19	18	10	16	3	28	22	18	21	99	60	3	92	1	97	85	84	65	68	71	58
NJWH194	**MILWILLAH ELEVATOR H194** SV				-8.8	-8.9	-0.9	+7.7	+45	+91	+120	+141	+21	+1.5	+1.2	+44	+5.5	-2.6	+1.1	+1.8	-0.6	-0.39	+33	+0.54	+0.20	$-32	$-3	$-75	$-12
WDCE11	HBR	10	71	0	60%	49%	92%	92%	88%	89%	89%	84%	80%	82%	64%	86%	84%	87%	85%	84%	84%	79%	79%	85%	85%				
VTMX64					97	99	94	98	72	38	36	3	18	71	99	98	55	98	13	7	99	3	2	1	1	99	99	99	99
NJWH283	**MILWILLAH ELSOM H283** PV				+2.1	-0.8	-2.4	+3.7	+44	+79	+114	+103	+21	+1.9	-0.9	+72	+9.1	-1.9	-3.3	+2.4	+0.9	+0.36	+13	+0.92	+0.88	$57	$57	$39	$66
NJWF189	HBR	15	226	7	63%	48%	96%	96%	94%	95%	94%	87%	85%	91%	61%	89%	88%	90%	88%	86%	87%	83%	82%	87%	87%				
NJWE51					53	79	83	36	76	79	52	42	16	51	96	23	10	93	98	2	88	74	29	35	57	88	92	88	85
NWMH162	**MUNDOO HOT STUFF H162** PV				-1.2	+1.3	-2.6	+4.3	+43	+75	+90	+95	+14	-0.1	+1.0	+46	+9.0	-3.6	-2.6	+3.4	-1.2	-1.23	+24	+1.16	+1.08	$20	$54	$-13	$36
CAN1338111	HBR	8	36	0	55%	42%	92%	91%	87%	87%	89%	83%	77%	73%	59%	87%	85%	88%	85%	87%	85%	80%	83%	83%	83%				
NWME50					74	64	80	51	81	87	93	58	73	99	99	97	11	99	94	1	99	1	7	85	89	97	93	98	96
CSWH211	**MURDEDUKE HUSSAR H211** PV				+4.3	+5.7	-9.2	+6.0	+59	+119	+165	+170	+16	+3.3	-2.4	+92	+2.0	-1.0	-3.8	+0.6	+1.4	-0.73	+13	+0.94	+0.70	$58	$59	$42	$66
VTME343	HBR	12	143	34	64%	54%	97%	96%	93%	93%	93%	89%	84%	90%	65%	89%	87%	90%	87%	85%	87%	82%	94%	94%	93%				
CSWE175					37	24	3	87	7	1	1	1	54	7	88	1	97	77	99	45	72	1	28	39	20	87	91	87	85
NURJ94	**MURRAY INGENUITY J94** PV				+3.4	+2.6	-6.5	+4.7	+48	+89	+108	+99	+23	+2.3	-3.7	+59	+11.3	-1.6	-3.1	+2.8	+1.5	+0.29	-15	+0.98	+0.94	$96	$109	$89	$97
USA16497066	HBR	13	101	0	66%	54%	96%	95%	92%	92%	93%	91%	86%	84%	69%	88%	84%	87%	85%	83%	85%	76%	85%	88%	88%				
VTMD233					43	52	19	62	55	45	67	49	8	32	70	73	3	89	97	1	68	66	98	49	69	57	38	59	56
HKFJ87	**PARINGA ABSOLUTE J87** PV				+3.9	-2.3	-11.2	+3.0	+51	+84	+95	+108	+5	+2.6	-7.8	+70	+8.4	+1.4	-0.4	+1.4	+2.5	-0.01	+2	+1.10	+1.12	$122	$133	$130	$116
USA16430795	HBR	10	56	0	56%	42%	95%	91%	88%	88%	89%	84%	78%	76%	58%	87%	85%	88%	85%	84%	85%	81%	81%	85%	84%				
HKFF406					40	87	1	21	34	62	89	32	99	21	8	30	15	11	48	15	29	26	65	76	92	28	13	29	32
NZE11990010	**PINEBANK 64/10** #				+4.0	+3.8	-6.3	+3.7	+34	+66	+70	+51	+12	+1.7	-3.8	+30	+5.8	+4.5	+1.6	-0.7	+0.7	-0.01	+2	+1.04	+0.54	$41	$76	$7	$46
NZE1199000839	HBR	7	17	0	62%	48%	91%	95%	93%	92%	93%	91%	89%	92%	65%	88%	87%	89%	87%	86%	86%	78%	72%	65%	64%				
NZE11990103111					39	41	22	36	98	97	99	99	88	61	68	99	49	1	7	91	92	26	65	64	4	94	80	95	94
	Breed Average EBVs				**+2.0**	**+2.5**	**-4.5**	**+4.2**	**+48**	**+87**	**+114**	**+99**	**+17**	**+2.0**	**-4.8**	**+65**	**+6.0**	**-0.1**	**-0.4**	**+0.5**	**+2.0**	**+0.18**	**+6**	**+0.98**	**+0.85**	**+100**	**+100**	**+100**	**+100**

Angus Australia - Sire Benchmarking Program - Cohort 5
Mid December 2020 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	ABI	DOM	GRN	GRS
NORH708	**RENNYLEA H708** PV				-5.0	-1.4	+1.5	+4.8	+48	+99	+129	+113	+14	+2.3	-3.8	+74	+10.6	-3.1	-4.6	+1.8	+5.7	+0.77	+6	+0.72	+0.76	$128	$112	$169	$125
NORC511	APR	21	440	294	74%	60%	98%	98%	96%	97%	96%	93%	88%	96%	73%	93%	92%	93%	92%	91%	91%	88%	96%	93%	93%				
NORE176					90	83	99	64	52	15	19	24	73	32	68	18	4	99	99	7	1	97	53	5	32	23	34	10	22
NORH7	**RENNYLEA H7** PV				+6.5	+6.6	-7.9	+3.1	+50	+88	+117	+81	+20	-0.3	-5.3	+56	+9.2	+0.0	-2.1	+0.7	+0.8	-0.66	+15	+0.82	+0.74	$127	$124	$121	$126
USA15840414	HBR	22	420	0	80%	68%	98%	98%	97%	97%	97%	96%	95%	96%	79%	92%	91%	92%	91%	89%	90%	83%	96%	94%	94%				
VLYZ1393					21	17	8	23	41	47	42	83	25	99	40	83	9	45	89	40	90	1	23	15	27	23	20	35	21
NORJ140	**RENNYLEA J140** PV				-19.6	-3.7	+1.3	+7.4	+62	+119	+159	+130	+23	+2.4	-4.0	+95	+10.1	-1.5	-4.6	+1.4	+4.0	-0.14	+0	+0.76	+0.52	$116	$96	$152	$110
USA16497066	APR	9	101	0	65%	53%	95%	95%	93%	93%	93%	90%	86%	89%	70%	90%	88%	90%	88%	87%	87%	83%	91%	86%	86%				
NORC627					99	92	99	98	4	1	1	7	8	28	65	1	6	88	99	15	3	15	73	8	4	34	57	16	39
TRHG4	**RICHMOND HILL FINALE G4** SV				+2.0	+2.8	-8.2	+5.7	+51	+91	+111	+94	+6	+2.8	-2.3	+63	+3.0	-1.3	-1.6	+1.2	+2.7	+0.33	-17	+1.00	+0.84	$109	$116	$114	$106
USA0035	APR	10	86	0	57%	43%	93%	92%	88%	88%	89%	83%	73%	73%	60%	87%	85%	88%	85%	86%	85%	83%	84%	84%	84%				
TRHD38					54	51	7	82	36	38	58	59	99	15	88	57	91	84	80	20	23	71	99	54	49	42	29	40	44
VRBJ297	**RIDDELLVUE JUSTICE J297** PV				-1.0	+3.0	-4.9	+6.6	+53	+92	+123	+86	+20	+1.1	-2.3	+71	+3.8	-1.9	-2.7	+1.2	+1.1	-0.26	+16	+0.74	+1.18	$100	$101	$94	$100
USA16413257	HBR	18	154	20	59%	46%	95%	96%	91%	92%	92%	86%	79%	86%	61%	88%	86%	89%	86%	84%	85%	81%	82%	85%	85%				
HBUF274					73	49	43	93	24	35	30	75	25	85	88	27	83	93	95	20	82	7	20	7	96	53	50	55	52
NZE14572010	**RISSINGTON PROMINENT 100104** #				+2.0	-0.3	-2.0	+2.7	+55	+88	+129	+99	+13	+0.5	-2.4	+66	+3.2	-0.3	+0.5	-1.1	+2.3	-0.01	-11	+1.28	+1.22	$124	$98	$144	$118
USA16135244	HBR	9	34	0	63%	50%	96%	95%	92%	93%	93%	87%	85%	88%	60%	87%	86%	88%	86%	86%	85%	79%	80%	78%	78%				
NZE145721081079					54	76	87	16	16	46	18	50	82	96	88	45	89	55	24	96	35	26	94	95	97	26	54	20	29
NZE14572012	**RISSINGTON RESOLUTE 120992** SV				+3.8	-1.4	+0.2	+4.0	+50	+85	+103	+95	+7	+2.8	-3.1	+57	+8.0	+3.3	+2.6	-0.9	+1.6	+0.90	+18	+1.22	+1.18	$86	$96	$78	$83
USA16248786	HBR	8	16	0	63%	48%	94%	95%	91%	92%	91%	84%	84%	86%	57%	84%	83%	86%	84%	82%	82%	73%	82%	67%	67%				
NZE145721060956					40	83	98	43	43	58	77	58	99	15	80	81	18	1	2	94	64	99	15	91	96	68	57	67	72
NZE19507012	**STORTH OAKS H41** SV				+7.2	+6.8	-7.6	+4.3	+47	+88	+116	+109	+18	+4.1	-7.7	+51	+7.7	+1.8	+1.4	+1.9	+0.6	+0.62	+17	+0.96	+0.84	$107	$114	$81	$118
VTME343	HBR	8	28	0	70%	60%	96%	95%	92%	92%	94%	91%	87%	89%	68%	88%	87%	89%	87%	87%	86%	79%	91%	85%	85%				
NZE19507109E246					17	16	10	51	56	48	46	31	42	2	8	91	21	7	9	6	93	93	17	44	49	44	32	65	29
VSNG34	**STRATHEWEN BERKLEY G34** PV				+10.2	+7.3	-7.5	+3.5	+52	+97	+131	+135	+13	+2.1	-5.6	+77	+4.5	+0.8	+0.2	-0.4	+2.1	-0.02	+1	+1.26	+1.10	$91	$89	$85	$92
VTMB1	HBR	21	128	10	62%	53%	94%	92%	89%	89%	90%	86%	82%	80%	67%	88%	87%	89%	87%	86%	86%	83%	86%	87%	86%				
VSNE22					5	12	11	31	28	20	16	5	80	42	34	11	73	21	31	85	42	25	70	94	91	63	66	62	62
WJYJ28	**STRATHTAY EQUATOR J28** PV				+0.5	+4.0	-8.8	+5.6	+52	+89	+130	+139	+11	+0.8	-3.3	+72	+2.3	-0.6	-0.7	+0.4	+1.8	-1.09	+13	+1.26	+0.92	$66	$57	$56	$69
NMMD78	HBR	7	20	0	53%	41%	92%	87%	84%	84%	86%	80%	72%	71%	54%	86%	84%	87%	84%	85%	84%	82%	79%	81%	81%				
WJYC12					64	39	5	81	31	45	17	4	93	92	77	23	95	65	57	55	55	1	29	94	66	83	92	80	84
NZE16932011	**TE MANIA 11 553** SV				-0.4	+3.3	-2.8	+4.8	+37	+67	+84	+80	+12	+0.9	-4.5	+56	+10.2	+0.7	-0.9	+1.1	+2.8	+0.16	-4	+1.14	+0.98	$72	$80	$63	$73
BNAD145	HBR	10	86	0	75%	61%	97%	97%	96%	96%	96%	95%	94%	95%	70%	92%	91%	92%	91%	89%	90%	84%	83%	82%	81%				
NZE16932107204					70	46	78	64	95	96	97	84	88	90	55	83	5	23	63	24	21	48	83	82	76	79	76	77	81
VTMA149	**TE MANIA ADA A149** PV				-6.4	-4.4	-3.7	+6.4	+52	+95	+128	+168	+11	+2.0	+0.1	+78	+4.0	-4.0	-2.5	+1.8	+0.6	-1.13	+11	+0.78	+0.84	$-11	$7	$-37	$0
VTMX60	HBR	102	1920	6	94%	83%	99%	99%	98%	99%	98%	98%	98%	98%	86%	97%	96%	97%	96%	96%	95%	91%	96%	97%	97%				
VTMU338					93	94	64	92	32	25	20	1	94	46	98	10	81	99	93	7	93	1	34	10	49	99	99	99	99
VTTJ26	**TIBOOBURRA IMPACT J26** PV				-12.9	+2.8	-0.1	+6.8	+53	+90	+119	+150	+7	+2.1	-6.5	+80	+6.3	-2.8	-3.7	+1.9	+1.9	+0.17	-11	+1.16	+0.88	$37	$47	$22	$40
USA15885405	HBR	9	45	0	55%	41%	94%	90%	86%	86%	87%	81%	72%	72%	59%	86%	84%	87%	84%	85%	84%	80%	81%	82%	82%				
VTTD57					99	51	97	95	27	42	37	2	99	42	21	7	40	99	99	6	51	49	95	85	57	95	95	93	96
NZE12922011	**TOTARANUI 238** SV				-8.8	-4.5	-4.3	+4.0	+46	+79	+100	+89	+10	+1.3	-2.6	+60	+7.2	-1.2	-2.5	-0.4	+3.7	+0.77	+26	+0.68	+0.64	$70	$68	$89	$63
NZE04379	HBR	8	29	0	73%	63%	96%	97%	95%	95%	95%	94%	92%	93%	72%	91%	91%	92%	90%	90%	89%	84%	83%	81%	81%				
VLYB653					97	94	53	43	65	78	82	69	96	78	86	71	27	82	93	85	6	97	5	3	12	81	86	59	87
	Breed Average EBVs				**+2.0**	**+2.5**	**-4.5**	**+4.2**	**+48**	**+87**	**+114**	**+99**	**+17**	**+2.0**	**-4.8**	**+65**	**+6.0**	**-0.1**	**-0.4**	**+0.5**	**+2.0**	**+0.18**	**+6**	**+0.98**	**+0.85**	**+100**	**+100**	**+100**	**+100**

Angus Australia - Sire Benchmarking Program - Cohort 5
Mid December 2020 TransTasman Angus Cattle Evaluation

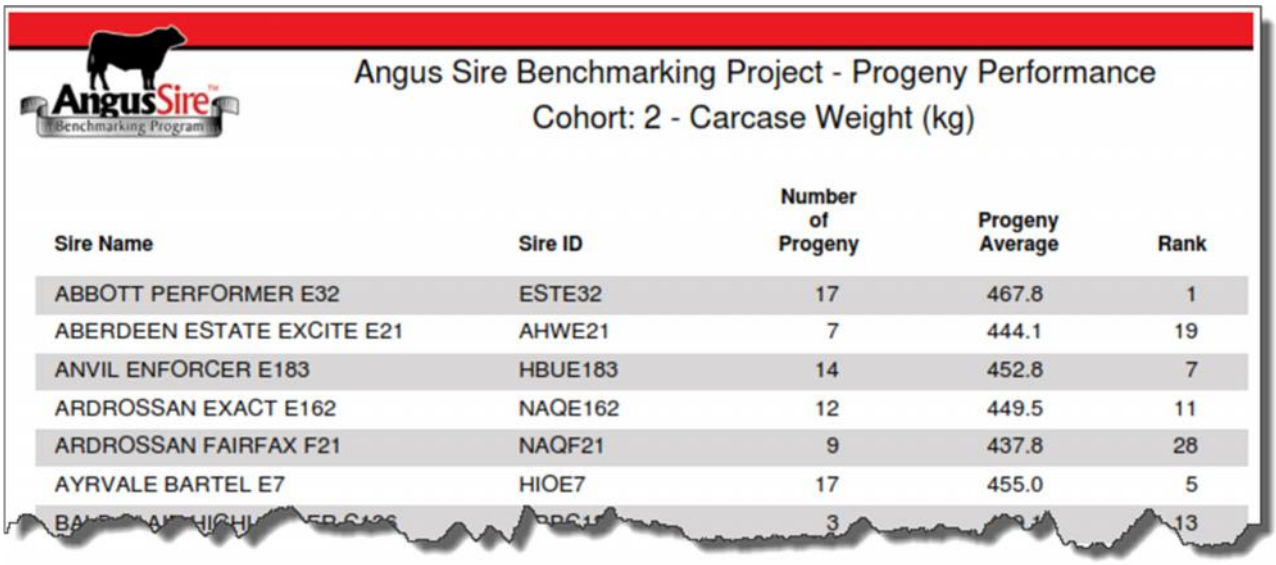
Ident	Name	Statistics			Estimated Breeding Values																									
					Calv-Ease		Birth		Growth					Fert		Carcase						Feed	Temp	Structural		Selection Index			
Sire Dam	Reg.	Num Herd	Prog	Prog 2Yr.	Dir	Dtrs	GL	BW	200	400	600	MCW	Milk	SS	DC	CW	EMA	Rib	P8	RBY	IMF	NFI-F	Doc	Angle	Claw	ABI	DOM	GRN	GRS
NDAH468	**TRANGIE H468** PV				+1.1	-3.8	-2.1	+3.6	+22	+45	+41	+49	+7	+0.8	-2.6	+16	+1.4	+5.6	+3.3	-0.8	+0.3	+0.41	+16	+1.20	+0.76	$-34	$17	$-84	$-21
NDAE573	APR	8	28	0	65%	42%	89%	89%	85%	85%	86%	81%	72%	64%	59%	84%	81%	86%	82%	83%	82%	77%	74%	76%	75%				
NDAD480					60	93	86	34	99	99	99	99	99	92	86	99	98	1	1	93	97	79	20	90	32	99	99	99	99
NDAH508	**TRANGIE H508** PV				-9.6	-15.5	-3.6	+4.9	+17	+35	+29	+33	+3	+0.4	-1.8	+11	+9.9	+4.2	+0.0	+0.3	+0.4	+0.39	-11	+0.76	+0.72	$-72	$-15	$-12	$-53
NDAE473	APR	8	45	0	57%	45%	93%	92%	89%	89%	90%	86%	76%	65%	59%	88%	86%	89%	86%	88%	86%	82%	81%	80%	80%				
NDAD518					98	99	66	67	99	99	99	99	99	97	92	99	6	1	37	60	96	77	95	8	24	99	99	99	99
NZE17691009	**TURIHAUA CRUMP E5 (ET)** SV				-3.5	-4.8	-6.2	+3.5	+31	+61	+87	+96	+16	+1.2	-9.5	+22	+2.6	+2.2	+0.9	-0.9	+0.0	+0.07	+21	+1.16	+0.66	$-14	$8	$-66	$6
NZE17691003Y167	HBR	10	63	17	81%	67%	96%	98%	97%	97%	97%	97%	96%	97%	87%	94%	94%	94%	93%	93%	92%	87%	79%	78%	78%				
NZE17691195Q263					85	95	23	31	99	99	95	55	57	82	2	99	94	4	16	94	99	36	10	85	15	99	99	99	99
BNAD81	**TUWHARETOA D81** SV				+4.0	-4.6	-7.4	+4.5	+42	+77	+107	+87	+12	-0.9	-1.1	+84	+10.0	-2.8	-8.4	+1.8	+2.4	+0.74	+22	+1.04	+0.92	$57	$59	$51	$59
NAQA2	APR	9	318	0	73%	63%	94%	97%	96%	96%	95%	92%	95%	95%	70%	92%	90%	92%	90%	89%	90%	85%	84%	84%	84%				
BNAX21					39	95	11	57	84	83	68	73	90	99	95	4	6	99	99	7	32	97	9	64	66	88	91	83	89
NWPJ3	**WATTLETOP JASPER J3** SV				+5.8	+4.1	-8.4	+3.7	+46	+76	+101	+69	+16	+1.3	-5.0	+74	+7.9	-0.1	-0.4	+1.0	+1.8	+0.74	+8	+0.80	+0.94	$129	$124	$128	$127
USA16340278	HBR	18	103	0	63%	48%	96%	94%	91%	92%	91%	85%	79%	86%	56%	87%	84%	87%	85%	84%	84%	78%	84%	83%	83%				
NWPG338					26	38	6	36	66	85	80	94	62	78	45	19	19	48	48	27	55	97	44	13	69	22	20	30	20
VHWJ1	**WEERAN JIMMY J1** PV				+6.6	+12.9	-6.8	+2.3	+46	+83	+103	+88	+11	-0.3	-6.6	+55	+2.6	-2.6	-0.2	+1.1	+2.1	-0.36	-5	+1.14	+1.04	$142	$143	$148	$139
HIOE7	HBR	9	136	0	70%	57%	96%	95%	93%	93%	92%	88%	87%	87%	67%	89%	87%	90%	87%	87%	87%	82%	81%	83%	83%				
VHWC194					20	1	16	11	64	65	76	71	94	99	19	85	94	98	42	24	42	4	85	82	84	13	7	18	12
	Breed Average EBVs				**+2.0**	**+2.5**	**-4.5**	**+4.2**	**+48**	**+87**	**+114**	**+99**	**+17**	**+2.0**	**-4.8**	**+65**	**+6.0**	**-0.1**	**-0.4**	**+0.5**	**+2.0**	**+0.18**	**+6**	**+0.98**	**+0.85**	**+100**	**+100**	**+100**	**+100**

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: 5 - Birth Weight (kg)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
ANTU EMULATION NEXT H33	TJTH33	31	35.5	3
ANVIL J018	HBUJ018	24	37.6	23
ANVIL J301	HBUJ301	31	36.4	8
ASCOT HALLMARK H147	QQFH147	27	39.1	37
BALD BLAIR RIGHT ANSWER J94	NBBJ94	27	38.4	31
BANQUET HUMPHRIE H467	VONH467	24	37.6	23
BONGONGO H171	NGXH171	27	35.0	2
BOOROOMOOKA HYPERNO H605	NGMH605	37	39.7	43
CAMPASPE ROCKS FOCUS J41	HTMJ41	17	39.2	41
CHERYLTON GRASSMASTER J19	WLHJ19	17	39.1	37
CHERYLTON RAVEN J20	WLHJ20	24	41.9	48
COOLANA H185	VCCH185	23	34.9	1
COOLANA NEW DAY H36	VCCH36	27	37.4	19
COONAMBLE HECTOR H249	WDCH249	21	37.0	15
FOSSIL CREEK HERO H006	NZE18681012006	29	36.8	11
GLANWORTH WAIGROUP 1213	NZE1215401213	27	35.8	4
GLENOCH MEGAFORCE	QBGM16+92	25	40.5	47
IRELANDS GALAXY G43	VICG43	37	39.1	37
MATAURI OUTLIER F031	NZE14647010F031	33	38.1	28
MILLAH MURRAH HERCULES H250	NMMH250	36	38.3	30
MILLAH MURRAH JACKPOT J137	NMMJ137	30	39.8	45
MILWILLAH ELEVATOR H194	NJWH194	26	37.9	27
MILWILLAH ELSOM H283	NJWH283	24	37.4	19
MUNDOO HOT STUFF H162	NWMH162	32	37.8	26
MURDEDUKE HUSSAR H211	CSWH211	26	39.2	41
MURRAY INGENUITY J94	NURJ94	23	37.0	15
PARINGA ABSOLUTE J87	HKFJ87	28	36.5	9
PINEBANK 64/10	NZE1199001064	17	37.0	15
RENNYLEA H7	NORH7	32	37.5	22
RENNYLEA H708	NORH708	46	38.7	35
RENNYLEA J140	NORJ140	25	39.9	46
RICHMOND HILL FINALE G4	TRHG4	27	38.5	33
RIDDELLVUE J297	VRBJ297	27	38.6	34
RISSINGTON PROMINENT 100104	NZE145720100104	26	36.1	5
RISSINGTON RESOLUTE 120992	NZE145720120992	16	36.5	9
STORTH OAKS H41	NZE19507012H41	28	36.9	13
STRATHEWEN BERKLEY G34	VSNG34	28	37.2	18
STRATHTAY EQUATOR J28	WJYJ28	19	37.6	23

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 5 - Birth Weight (kg)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
TE MANIA 11 553	NZE16932011553	32	38.1	28
TE MANIA ADA A149	VTMA149	24	39.7	43
TIBOOBURRA IMPACT J26	VTTJ26	29	38.7	35
TOTARANUI 238	NZE12922011238	29	36.8	11
TRANGIE H468	NDAH468	28	36.1	5
TRANGIE H508	NDAH508	47	39.1	37
TURIHAUA CRUMP E5 (ET)	NZE17691009E5	22	37.4	19
TUWHARETOA D81	BNAD81	25	38.4	31
WATTLETOP JASPER J3	NWPJ3	20	36.9	13
WEERAN JIMMY J1	VHWJ1	27	36.1	5

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 5 - Gestation Length (days)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
ANTU EMULATION NEXT H33	TJTH33	31	278.0	14
ANVIL J018	HBUJ018	24	275.7	1
ANVIL J301	HBUJ301	32	280.2	33
ASCOT HALLMARK H147	QQFH147	25	279.1	22
BALD BLAIR RIGHT ANSWER J94	NBBJ94	26	280.3	34
BANQUET HUMPHRIE H467	VONH467	24	278.9	21
BONGONGO H171	NGXH171	25	277.8	12
BOOROOMOOKA HYPERNO H605	NGMH605	37	279.9	29
CAMPASPE ROCKS FOCUS J41	HTMJ41	17	278.4	17
CHERYLTON GRASSMASTER J19	WLHJ19	16	279.5	25
CHERYLTON RAVEN J20	WLHJ20	25	281.3	42
COOLANA H185	VCCH185	23	278.2	15
COOLANA NEW DAY H36	VCCH36	26	279.7	26
COONAMBLE HECTOR H249	WDCH249	21	277.1	5
FOSSIL CREEK HERO H006	NZE18681012006	29	279.8	27
GLANWORTH WAIGROUP 1213	NZE1215401213	24	278.5	19
GLENOCH MEGAFORCE	QBGM16+92	23	281.5	45
IRELANDS GALAXY G43	VICG43	35	280.8	38
MATAURI OUTLIER F031	NZE14647010F031	34	280.3	34
MILLAH MURRAH HERCULES H250	NMMH250	34	280.4	36
MILLAH MURRAH JACKPOT J137	NMMJ137	32	279.8	27
MILWILLAH ELEVATOR H194	NJWH194	24	280.9	40
MILWILLAH ELSOM H283	NJWH283	24	281.4	43
MUNDOO HOT STUFF H162	NWMH162	25	280.6	37
MURDEDUKE HUSSAR H211	CSWH211	25	277.9	13
MURRAY INGENUITY J94	NURJ94	23	277.5	8
PARINGA ABSOLUTE J87	HKFJ87	26	276.2	2
PINEBANK 64/10	NZE1199001064	18	278.6	20
RENNYLEA H7	NORH7	30	277.5	8
RENNYLEA H708	NORH708	41	282.7	48
RENNYLEA J140	NORJ140	27	282.9	49
RICHMOND HILL FINALE G4	TRHG4	27	277.3	7
RIDDELLVUE J297	VRBJ297	27	280.0	31
RISSINGTON PROMINENT 100104	NZE145720100104	26	281.4	43
RISSINGTON RESOLUTE 120992	NZE145720120992	19	282.0	46
STORTH OAKS H41	NZE19507012H41	26	278.2	15
STRATHEWEN BERKLEY G34	VSNG34	28	277.5	8
STRATHTAY EQUATOR J28	WJYJ28	20	277.0	4

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 5 - Gestation Length (days)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
TE MANIA 11 553	NZE16932011553	32	280.8	38
TE MANIA ADA A149	VTMA149	25	280.0	31
TIBOOBURRA IMPACT J26	VTTJ26	29	282.5	47
TOTARANUI 238	NZE12922011238	28	279.2	23
TRANGIE H468	NDAH468	14	281.2	41
TRANGIE H508	NDAH508	26	279.9	29
TURIHAUA CRUMP E5 (ET)	NZE17691009E5	23	279.2	23
TUWHARETOA D81	BNAD81	28	277.2	6
WATTLETOP JASPER J3	NWPJ3	21	277.7	11
WEERAN JIMMY J1	VHWJ1	26	278.4	17

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 5 - 200 Day Weight (kg)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
ANTU EMULATION NEXT H33	TJTH33	31	238.8	43
ANVIL J018	HBUJ018	21	249.1	13
ANVIL J301	HBUJ301	32	241.4	36
ASCOT HALLMARK H147	QQFH147	25	252.6	4
BALD BLAIR RIGHT ANSWER J94	NBBJ94	26	258.1	1
BANQUET HUMPHRIE H467	VONH467	21	237.6	45
BONGONGO H171	NGXH171	25	243.1	29
BOOROOMOOKA HYPERNO H605	NGMH605	36	247.6	17
CAMPASPE ROCKS FOCUS J41	HTMJ41	17	251.5	8
CHERYLTON GRASSMASTER J19	WLHJ19	16	249.6	11
CHERYLTON RAVEN J20	WLHJ20	22	255.7	2
COOLANA H185	VCCH185	21	241.7	35
COOLANA NEW DAY H36	VCCH36	26	244.3	24
COONAMBLE HECTOR H249	WDCH249	21	243.9	26
FOSSIL CREEK HERO H006	NZE18681012006	28	241.9	34
GLANWORTH WAIGROUP 1213	NZE1215401213	27	239.9	41
GLENOCH MEGAFORCE	QBGM16+92	24	241.0	38
IRELANDS GALAXY G43	VICG43	35	244.8	23
MATAURI OUTLIER F031	NZE14647010F031	29	248.5	14
MILLAH MURRAH HERCULES H250	NMMH250	35	238.0	44
MILLAH MURRAH JACKPOT J137	NMMJ137	28	251.9	5
MILWILLAH ELEVATOR H194	NJWH194	20	242.1	33
MILWILLAH ELSOM H283	NJWH283	24	245.7	20
MUNDOO HOT STUFF H162	NWMH162	30	247.7	16
MURDEDUKE HUSSAR H211	CSWH211	23	255.1	3
MURRAY INGENUITY J94	NURJ94	21	243.2	28
PARINGA ABSOLUTE J87	HKFJ87	27	242.7	30
PINEBANK 64/10	NZE1199001064	17	239.4	42
RENNYLEA H7	NORH7	28	242.2	31
RENNYLEA H708	NORH708	42	241.4	36
RENNYLEA J140	NORJ140	26	251.4	9
RICHMOND HILL FINALE G4	TRHG4	25	243.8	27
RIDDELLVUE J297	VRBJ297	27	250.7	10
RISSINGTON PROMINENT 100104	NZE145720100104	24	251.7	6
RISSINGTON RESOLUTE 120992	NZE145720120992	13	245.7	20
STORTH OAKS H41	NZE19507012H41	28	244.0	25
STRATHEWEN BERKLEY G34	VSNG34	25	251.7	6
STRATHTAY EQUATOR J28	WJYJ28	19	248.0	15

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 5 - 200 Day Weight (kg)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
TE MANIA 11 553	NZE16932011553	30	240.2	40
TE MANIA ADA A149	VTMA149	22	247.1	18
TIBOOBURRA IMPACT J26	VTTJ26	28	245.0	22
TOTARANUI 238	NZE12922011238	28	249.5	12
TRANGIE H468	NDAH468	26	227.7	47
TRANGIE H508	NDAH508	42	224.1	48
TURIHAUA CRUMP E5 (ET)	NZE17691009E5	20	232.1	46
TUWHARETOA D81	BNAD81	27	242.2	31
WATTLETOP JASPER J3	NWPJ3	18	240.6	39
WEERAN JIMMY J1	VHWJ1	24	246.6	19

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 5 - 400 Day Weight (kg)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
ANTU EMULATION NEXT H33	TJTH33	24	359.0	39
ANVIL J018	HBUJ018	16	378.4	7
ANVIL J301	HBUJ301	28	357.0	43
ASCOT HALLMARK H147	QQFH147	22	378.8	6
BALD BLAIR RIGHT ANSWER J94	NBBJ94	21	383.1	3
BANQUET HUMPHRIE H467	VONH467	21	366.4	25
BONGONGO H171	NGXH171	18	363.7	32
BOOROOMOOKA HYPERNO H605	NGMH605	27	372.9	14
CAMPASPE ROCKS FOCUS J41	HTMJ41	13	363.8	31
CHERYLTON GRASSMASTER J19	WLHJ19	15	372.7	15
CHERYLTON RAVEN J20	WLHJ20	20	379.7	5
COOLANA H185	VCCH185	16	365.2	28
COOLANA NEW DAY H36	VCCH36	23	373.7	13
COONAMBLE HECTOR H249	WDCH249	19	358.9	40
FOSSIL CREEK HERO H006	NZE18681012006	25	350.6	46
GLANWORTH WAIGROUP 1213	NZE1215401213	20	358.5	42
GLENOCH MEGAFORCE	QBGM16+92	21	358.7	41
IRELANDS GALAXY G43	VICG43	31	363.7	32
MATAURI OUTLIER F031	NZE14647010F031	23	374.1	11
MILLAH MURRAH HERCULES H250	NMMH250	26	360.9	36
MILLAH MURRAH JACKPOT J137	NMMJ137	25	383.2	2
MILWILLAH ELEVATOR H194	NJWH194	18	366.4	25
MILWILLAH ELSOM H283	NJWH283	21	369.7	18
MUNDOO HOT STUFF H162	NWMH162	23	367.3	22
MURDEDUKE HUSSAR H211	CSWH211	20	375.7	10
MURRAY INGENUITY J94	NURJ94	16	366.7	24
PARINGA ABSOLUTE J87	HKFJ87	24	360.1	37
PINEBANK 64/10	NZE1199001064	10	362.4	35
RENNYLEA H7	NORH7	23	365.0	29
RENNYLEA H708	NORH708	39	369.8	17
RENNYLEA J140	NORJ140	22	383.4	1
RICHMOND HILL FINALE G4	TRHG4	23	364.1	30
RIDDELLVUE J297	VRBJ297	25	376.9	8
RISSINGTON PROMINENT 100104	NZE145720100104	19	367.1	23
RISSINGTON RESOLUTE 120992	NZE145720120992	10	368.6	20
STORTH OAKS H41	NZE19507012H41	25	366.4	25
STRATHEWEN BERKLEY G34	VSNG34	22	376.3	9
STRATHTAY EQUATOR J28	WJYJ28	19	368.2	21

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 5 - 400 Day Weight (kg)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
TE MANIA 11 553	NZE16932011553	25	363.1	34
TE MANIA ADA A149	VTMA149	19	380.0	4
TIBOOBURRA IMPACT J26	VTTJ26	21	359.6	38
TOTARANUI 238	NZE12922011238	23	372.1	16
TRANGIE H468	NDAH468	17	345.2	47
TRANGIE H508	NDAH508	37	343.1	48
TURIHAUA CRUMP E5 (ET)	NZE17691009E5	20	353.5	44
TUWHARETOA D81	BNAD81	24	369.5	19
WATTLETOP JASPER J3	NWPJ3	16	353.5	44
WEERAN JIMMY J1	VHWJ1	21	373.8	12

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 5 - 600 Day Weight (kg)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
ANTU EMULATION NEXT H33	TJTH33	19	530.9	46
ANVIL J018	HBUJ018	15	562.3	19
ANVIL J301	HBUJ301	18	544.0	39
ASCOT HALLMARK H147	QQFH147	18	593.9	1
BALD BLAIR RIGHT ANSWER J94	NBBJ94	19	573.2	9
BANQUET HUMPHRIE H467	VONH467	18	552.7	34
BONGONGO H171	NGXH171	22	565.9	17
BOOROOMOOKA HYPERNO H605	NGMH605	26	572.9	10
CAMPASPE ROCKS FOCUS J41	HTMJ41	11	559.9	21
CHERYLTON GRASSMASTER J19	WLHJ19	10	537.6	42
CHERYLTON RAVEN J20	WLHJ20	15	582.7	4
COOLANA H185	VCCH185	17	553.4	33
COOLANA NEW DAY H36	VCCH36	21	563.7	18
COONAMBLE HECTOR H249	WDCH249	16	553.6	31
FOSSIL CREEK HERO H006	NZE18681012006	22	536.0	44
GLANWORTH WAIGROUP 1213	NZE1215401213	15	568.3	15
GLENOCH MEGAFORCE	QBGM16+92	17	556.1	26
IRELANDS GALAXY G43	VICG43	26	557.4	25
MATAURI OUTLIER F031	NZE14647010F031	24	550.4	36
MILLAH MURRAH HERCULES H250	NMMH250	23	553.6	31
MILLAH MURRAH JACKPOT J137	NMMJ137	18	587.9	3
MILWILLAH ELEVATOR H194	NJWH194	13	537.6	42
MILWILLAH ELSOM H283	NJWH283	17	572.9	10
MUNDOO HOT STUFF H162	NWMH162	21	554.1	28
MURDEDUKE HUSSAR H211	CSWH211	20	581.0	5
MURRAY INGENUITY J94	NURJ94	16	557.7	24
PARINGA ABSOLUTE J87	HKFJ87	18	541.2	40
PINEBANK 64/10	NZE1199001064	14	533.6	45
RENNYLEA H7	NORH7	19	553.8	30
RENNYLEA H708	NORH708	20	561.2	20
RENNYLEA J140	NORJ140	22	592.1	2
RICHMOND HILL FINALE G4	TRHG4	20	554.0	29
RIDDELLVUE J297	VRBJ297	17	577.3	7
RISSINGTON PROMINENT 100104	NZE145720100104	18	566.2	16
RISSINGTON RESOLUTE 120992	NZE145720120992	8	551.3	35
STORTH OAKS H41	NZE19507012H41	20	550.3	37
STRATHEWEN BERKLEY G34	VSNG34	20	569.5	14
STRATHTAY EQUATOR J28	WJYJ28	16	569.6	13

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 5 - 600 Day Weight (kg)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
TE MANIA 11 553	NZE16932011553	24	547.5	38
TE MANIA ADA A149	VTMA149	17	577.2	8
TIBOOBURRA IMPACT J26	VTTJ26	20	558.0	23
TOTARANUI 238	NZE12922011238	27	559.5	22
TRANGIE H468	NDAH468	14	516.3	47
TRANGIE H508	NDAH508	30	515.2	48
TURIHAUA CRUMP E5 (ET)	NZE17691009E5	16	540.0	41
TUWHARETOA D81	BNAD81	19	578.0	6
WATTLETOP JASPER J3	NWPJ3	12	570.7	12
WEERAN JIMMY J1	VHWJ1	19	555.3	27

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 5 - Days to Calving (heifers) (days)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
ANTU EMULATION NEXT H33	TJTH33	13	300.1	19
ANVIL J018	HBUJ018	7	303.9	33
ANVIL J301	HBUJ301	10	292.5	3
ASCOT HALLMARK H147	QQFH147	6	294.0	6
BALD BLAIR RIGHT ANSWER J94	NBBJ94	6	308.2	41
BANQUET HUMPHRIE H467	VONH467	5	305.8	37
BONGONGO H171	NGXH171	7	298.6	15
BOOROOMOOKA HYPERNO H605	NGMH605	14	300.5	21
CAMPASPE ROCKS FOCUS J41	HTMJ41	8	303.6	32
CHERYLTON GRASSMASTER J19	WLHJ19	3	312.0	45
CHERYLTON RAVEN J20	WLHJ20	8	312.1	46
COOLANA H185	VCCH185	7	303.9	33
COOLANA NEW DAY H36	VCCH36	4	301.5	26
COONAMBLE HECTOR H249	WDCH249	6	292.6	4
FOSSIL CREEK HERO H006	NZE18681012006	7	304.6	35
GLANWORTH WAIGROUP 1213	NZE1215401213	9	300.6	23
GLENOCH MEGAFORCE	QBGM16+92	6	290.5	2
IRELANDS GALAXY G43	VICG43	14	308.6	42
MATAURI OUTLIER F031	NZE14647010F031	11	302.9	30
MILLAH MURRAH HERCULES H250	NMMH250	13	300.5	21
MILLAH MURRAH JACKPOT J137	NMMJ137	13	300.1	19
MILWILLAH ELEVATOR H194	NJWH194	7	297.6	12
MILWILLAH ELSOM H283	NJWH283	4	316.1	48
MUNDOO HOT STUFF H162	NWMH162	9	306.0	39
MURDEDUKE HUSSAR H211	CSWH211	7	298.9	16
MURRAY INGENUITY J94	NURJ94	12	301.0	25
PARINGA ABSOLUTE J87	HKFJ87	11	302.7	28
PINEBANK 64/10	NZE1199001064	5	293.1	5
RENNYLEA H7	NORH7	15	298.1	14
RENNYLEA H708	NORH708	11	295.8	8
RENNYLEA J140	NORJ140	10	303.5	31
RICHMOND HILL FINALE G4	TRHG4	6	305.6	36
RIDDELLVUE J297	VRBJ297	7	310.6	44
RISSINGTON PROMINENT 100104	NZE145720100104	8	299.2	17
RISSINGTON RESOLUTE 120992	NZE145720120992	4	310.3	43
STORTH OAKS H41	NZE19507012H41	13	297.2	11
STRATHEWEN BERKLEY G34	VSNG34	9	305.9	38
STRATHTAY EQUATOR J28	WJYJ28	2	312.4	47

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 5 - Days to Calving (heifers) (days)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
TE MANIA 11 553	NZE16932011553	8	302.7	28
TE MANIA ADA A149	VTMA149	7	296.6	9
TIBOOBURRA IMPACT J26	VTTJ26	9	288.7	1
TOTARANUI 238	NZE12922011238	14	302.5	27
TRANGIE H468	NDAH468	6	308.1	40
TRANGIE H508	NDAH508	5	294.8	7
TURIHAUA CRUMP E5 (ET)	NZE17691009E5	6	300.0	18
TUWHARETOA D81	BNAD81	8	296.8	10
WATTLETOP JASPER J3	NWPJ3	5	297.8	13
WEERAN JIMMY J1	VHWJ1	11	300.6	23

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 5 - Scan EMA (sq cm)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
ANTU EMULATION NEXT H33	TJTH33	29	60.4	48
ANVIL J018	HBUJ018	19	62.1	41
ANVIL J301	HBUJ301	25	61.9	44
ASCOT HALLMARK H147	QQFH147	23	63.0	27
BALD BLAIR RIGHT ANSWER J94	NBBJ94	25	62.9	29
BANQUET HUMPHRIE H467	VONH467	21	63.6	21
BONGONGO H171	NGXH171	24	62.2	40
BOOROOMOOKA HYPERNO H605	NGMH605	32	64.5	13
CAMPASPE ROCKS FOCUS J41	HTMJ41	16	64.0	17
CHERYLTON GRASSMASTER J19	WLHJ19	15	62.6	35
CHERYLTON RAVEN J20	WLHJ20	20	63.3	23
COOLANA H185	VCCH185	19	62.5	37
COOLANA NEW DAY H36	VCCH36	24	62.9	29
COONAMBLE HECTOR H249	WDCH249	19	65.9	4
FOSSIL CREEK HERO H006	NZE18681012006	27	63.0	27
GLANWORTH WAIGROUP 1213	NZE1215401213	20	65.7	5
GLENOCH MEGAFORCE	QBGM16+92	23	61.9	44
IRELANDS GALAXY G43	VICG43	33	63.7	20
MATAURI OUTLIER F031	NZE14647010F031	27	61.9	44
MILLAH MURRAH HERCULES H250	NMMH250	30	63.6	21
MILLAH MURRAH JACKPOT J137	NMMJ137	26	65.5	6
MILWILLAH ELEVATOR H194	NJWH194	19	62.7	33
MILWILLAH ELSOM H283	NJWH283	22	67.2	1
MUNDOO HOT STUFF H162	NWMH162	28	63.1	26
MURDEDUKE HUSSAR H211	CSWH211	22	64.9	10
MURRAY INGENUITY J94	NURJ94	20	67.0	2
PARINGA ABSOLUTE J87	HKFJ87	25	62.9	29
PINEBANK 64/10	NZE1199001064	16	62.7	33
RENNYLEA H7	NORH7	25	63.3	23
RENNYLEA H708	NORH708	39	64.9	10
RENNYLEA J140	NORJ140	26	66.5	3
RICHMOND HILL FINALE G4	TRHG4	24	62.6	35
RIDDELLVUE J297	VRBJ297	26	63.8	18
RISSINGTON PROMINENT 100104	NZE145720100104	24	63.8	18
RISSINGTON RESOLUTE 120992	NZE145720120992	12	65.5	6
STORTH OAKS H41	NZE19507012H41	27	62.9	29
STRATHEWEN BERKLEY G34	VSNG34	24	64.6	12
STRATHTAY EQUATOR J28	WJYJ28	18	62.1	41

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 5 - Scan EMA (sq cm)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
TE MANIA 11 553	NZE16932011553	28	64.3	14
TE MANIA ADA A149	VTMA149	21	62.4	38
TIBOOBURRA IMPACT J26	VTTJ26	26	63.3	23
TOTARANUI 238	NZE12922011238	29	65.5	6
TRANGIE H468	NDAH468	18	62.1	41
TRANGIE H508	NDAH508	33	62.3	39
TURIHAUA CRUMP E5 (ET)	NZE17691009E5	19	61.5	47
TUWHARETOA D81	BNAD81	26	65.2	9
WATTLETOP JASPER J3	NWPJ3	16	64.3	14
WEERAN JIMMY J1	VHWJ1	23	64.1	16

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 5 - Scan Rib Fat (mm)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
ANTU EMULATION NEXT H33	TJTH33	29	7.6	7
ANVIL J018	HBUJ018	19	6.7	27
ANVIL J301	HBUJ301	25	7.2	12
ASCOT HALLMARK H147	QQFH147	23	7.8	5
BALD BLAIR RIGHT ANSWER J94	NBBJ94	25	7.4	9
BANQUET HUMPHRIE H467	VONH467	21	6.7	27
BONGONGO H171	NGXH171	24	7.2	12
BOOROOMOOKA HYPERNO H605	NGMH605	32	6.7	27
CAMPASPE ROCKS FOCUS J41	HTMJ41	16	7.3	10
CHERYLTON GRASSMASTER J19	WLHJ19	15	6.5	35
CHERYLTON RAVEN J20	WLHJ20	20	7.1	15
COOLANA H185	VCCH185	19	6.4	39
COOLANA NEW DAY H36	VCCH36	24	6.4	39
COONAMBLE HECTOR H249	WDCH249	19	8.2	2
FOSSIL CREEK HERO H006	NZE18681012006	27	6.3	41
GLANWORTH WAIGROUP 1213	NZE1215401213	20	8.0	4
GLENOCH MEGAFORCE	QBGM16+92	23	7.0	18
IRELANDS GALAXY G43	VICG43	33	6.2	43
MATAURI OUTLIER F031	NZE14647010F031	27	7.0	18
MILLAH MURRAH HERCULES H250	NMMH250	30	5.9	45
MILLAH MURRAH JACKPOT J137	NMMJ137	26	6.8	23
MILWILLAH ELEVATOR H194	NJWH194	19	6.8	23
MILWILLAH ELSOM H283	NJWH283	22	6.7	27
MUNDOO HOT STUFF H162	NWMH162	28	5.8	47
MURDEDUKE HUSSAR H211	CSWH211	22	6.3	41
MURRAY INGENUITY J94	NURJ94	20	7.2	12
PARINGA ABSOLUTE J87	HKFJ87	25	7.7	6
PINEBANK 64/10	NZE1199001064	16	7.1	15
RENNYLEA H7	NORH7	25	6.5	35
RENNYLEA H708	NORH708	39	6.9	20
RENNYLEA J140	NORJ140	26	6.9	20
RICHMOND HILL FINALE G4	TRHG4	24	6.5	35
RIDDELLVUE J297	VRBJ297	26	6.5	35
RISSINGTON PROMINENT 100104	NZE145720100104	24	6.8	23
RISSINGTON RESOLUTE 120992	NZE145720120992	12	8.4	1
STORTH OAKS H41	NZE19507012H41	27	6.7	27
STRATHEWEN BERKLEY G34	VSNG34	24	7.5	8
STRATHTAY EQUATOR J28	WJYJ28	18	6.6	33

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 5 - Scan Rib Fat (mm)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
TE MANIA 11 553	NZE16932011553	28	7.3	10
TE MANIA ADA A149	VTMA149	21	5.8	47
TIBOOBURRA IMPACT J26	VTTJ26	26	5.9	45
TOTARANUI 238	NZE12922011238	29	7.1	15
TRANGIE H468	NDAH468	18	8.2	2
TRANGIE H508	NDAH508	33	6.6	33
TURIHAUA CRUMP E5 (ET)	NZE17691009E5	19	6.8	23
TUWHARETOA D81	BNAD81	26	6.1	44
WATTLETOP JASPER J3	NWPJ3	16	6.7	27
WEERAN JIMMY J1	VHWJ1	23	6.9	20

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 5 - Scan Rump Fat (mm)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
ANTU EMULATION NEXT H33	TJTH33	29	10.8	9
ANVIL J018	HBUJ018	19	9.7	32
ANVIL J301	HBUJ301	25	9.4	40
ASCOT HALLMARK H147	QQFH147	23	11.6	2
BALD BLAIR RIGHT ANSWER J94	NBBJ94	25	10.5	14
BANQUET HUMPHRIE H467	VONH467	21	10.0	26
BONGONGO H171	NGXH171	24	10.8	9
BOOROOMOOKA HYPERNO H605	NGMH605	31	10.4	17
CAMPASPE ROCKS FOCUS J41	HTMJ41	16	10.0	26
CHERYLTON GRASSMASTER J19	WLHJ19	15	10.0	26
CHERYLTON RAVEN J20	WLHJ20	20	9.7	32
COOLANA H185	VCCH185	19	9.6	37
COOLANA NEW DAY H36	VCCH36	23	10.5	14
COONAMBLE HECTOR H249	WDCH249	19	10.7	12
FOSSIL CREEK HERO H006	NZE18681012006	26	11.2	3
GLANWORTH WAIGROUP 1213	NZE1215401213	20	11.0	5
GLENOCH MEGAFORCE	QBGM16+92	23	10.1	23
IRELANDS GALAXY G43	VICG43	33	10.3	18
MATAURI OUTLIER F031	NZE14647010F031	27	10.2	20
MILLAH MURRAH HERCULES H250	NMMH250	30	8.5	46
MILLAH MURRAH JACKPOT J137	NMMJ137	26	10.1	23
MILWILLAH ELEVATOR H194	NJWH194	18	10.2	20
MILWILLAH ELSOM H283	NJWH283	22	9.8	30
MUNDOO HOT STUFF H162	NWMH162	27	9.7	32
MURDEDUKE HUSSAR H211	CSWH211	21	8.5	46
MURRAY INGENUITY J94	NURJ94	20	11.1	4
PARINGA ABSOLUTE J87	HKFJ87	25	10.2	20
PINEBANK 64/10	NZE1199001064	16	9.7	32
RENNYLEA H7	NORH7	25	10.9	8
RENNYLEA H708	NORH708	39	9.3	41
RENNYLEA J140	NORJ140	26	9.6	37
RICHMOND HILL FINALE G4	TRHG4	24	9.6	37
RIDDELLVUE J297	VRBJ297	26	9.7	32
RISSINGTON PROMINENT 100104	NZE145720100104	23	11.0	5
RISSINGTON RESOLUTE 120992	NZE145720120992	12	11.9	1
STORTH OAKS H41	NZE19507012H41	27	10.8	9
STRATHEWEN BERKLEY G34	VSNG34	24	10.7	12
STRATHTAY EQUATOR J28	WJYJ28	18	9.2	42

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 5 - Scan Rump Fat (mm)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
TE MANIA 11 553	NZE16932011553	28	10.3	18
TE MANIA ADA A149	VTMA149	21	9.9	29
TIBOOBURRA IMPACT J26	VTTJ26	26	8.8	45
TOTARANUI 238	NZE12922011238	28	10.5	14
TRANGIE H468	NDAH468	18	11.0	5
TRANGIE H508	NDAH508	32	9.1	44
TURIHAUA CRUMP E5 (ET)	NZE17691009E5	19	10.1	23
TUWHARETOA D81	BNAD81	26	8.5	46
WATTLETOP JASPER J3	NWPJ3	16	9.2	42
WEERAN JIMMY J1	VHWJ1	23	9.8	30

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 5 - Scan IMF (%)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
ANTU EMULATION NEXT H33	TJTH33	29	6.0	10
ANVIL J018	HBUJ018	19	5.7	38
ANVIL J301	HBUJ301	25	5.8	27
ASCOT HALLMARK H147	QQFH147	23	5.9	19
BALD BLAIR RIGHT ANSWER J94	NBBJ94	25	6.3	2
BANQUET HUMPHRIE H467	VONH467	21	5.9	19
BONGONGO H171	NGXH171	24	6.1	7
BOOROOMOOKA HYPERNO H605	NGMH605	32	5.4	47
CAMPASPE ROCKS FOCUS J41	HTMJ41	16	5.8	27
CHERYLTON GRASSMASTER J19	WLHJ19	15	5.6	40
CHERYLTON RAVEN J20	WLHJ20	20	5.9	19
COOLANA H185	VCCH185	19	5.8	27
COOLANA NEW DAY H36	VCCH36	24	5.8	27
COONAMBLE HECTOR H249	WDCH249	19	5.9	19
FOSSIL CREEK HERO H006	NZE18681012006	27	6.0	10
GLANWORTH WAIGROUP 1213	NZE1215401213	20	6.0	10
GLENOCH MEGAFORCE	QBGM16+92	23	5.9	19
IRELANDS GALAXY G43	VICG43	33	5.6	40
MATAURI OUTLIER F031	NZE14647010F031	27	5.8	27
MILLAH MURRAH HERCULES H250	NMMH250	30	5.9	19
MILLAH MURRAH JACKPOT J137	NMMJ137	26	6.0	10
MILWILLAH ELEVATOR H194	NJWH194	19	5.7	38
MILWILLAH ELSOM H283	NJWH283	22	6.0	10
MUNDOO HOT STUFF H162	NWMH162	28	5.2	48
MURDEDUKE HUSSAR H211	CSWH211	22	5.9	19
MURRAY INGENUITY J94	NURJ94	20	6.2	5
PARINGA ABSOLUTE J87	HKFJ87	25	6.0	10
PINEBANK 64/10	NZE1199001064	16	5.8	27
RENNYLEA H7	NORH7	25	5.6	40
RENNYLEA H708	NORH708	39	6.3	2
RENNYLEA J140	NORJ140	26	6.4	1
RICHMOND HILL FINALE G4	TRHG4	24	5.8	27
RIDDELLVUE J297	VRBJ297	26	5.8	27
RISSINGTON PROMINENT 100104	NZE145720100104	24	6.0	10
RISSINGTON RESOLUTE 120992	NZE145720120992	12	6.1	7
STORTH OAKS H41	NZE19507012H41	27	5.6	40
STRATHEWEN BERKLEY G34	VSNG34	24	6.1	7
STRATHTAY EQUATOR J28	WJYJ28	18	6.0	10

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 5 - Scan IMF (%)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
TE MANIA 11 553	NZE16932011553	28	6.2	5
TE MANIA ADA A149	VTMA149	21	5.6	40
TIBOOBURRA IMPACT J26	VTTJ26	26	5.9	19
TOTARANUI 238	NZE12922011238	29	6.3	2
TRANGIE H468	NDAH468	18	5.8	27
TRANGIE H508	NDAH508	33	5.5	46
TURIHAUA CRUMP E5 (ET)	NZE17691009E5	19	5.6	40
TUWHARETOA D81	BNAD81	26	5.8	27
WATTLETOP JASPER J3	NWPJ3	16	5.8	27
WEERAN JIMMY J1	VHWJ1	23	6.0	10

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 5 - Carcase Weight (kg)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
ANTU EMULATION NEXT H33	TJTH33	10	409.3	41
ANVIL J018	HBUJ018	11	425.9	19
ANVIL J301	HBUJ301	13	411.8	38
ASCOT HALLMARK H147	QQFH147	14	443.4	3
BALD BLAIR RIGHT ANSWER J94	NBBJ94	13	433.2	16
BANQUET HUMPHRIE H467	VONH467	12	419.8	29
BONGONGO H171	NGXH171	16	428.0	18
BOOROOMOOKA HYPERNO H605	NGMH605	14	436.1	11
CAMPASPE ROCKS FOCUS J41	HTMJ41	5	413.2	37
CHERYLTON GRASSMASTER J19	WLHJ19	10	421.1	25
CHERYLTON RAVEN J20	WLHJ20	10	433.8	15
COOLANA H185	VCCH185	10	443.0	4
COOLANA NEW DAY H36	VCCH36	17	424.2	20
COONAMBLE HECTOR H249	WDCH249	11	421.8	23
FOSSIL CREEK HERO H006	NZE18681012006	15	406.3	42
GLANWORTH WAIGROUP 1213	NZE1215401213	7	417.1	34
GLENOCH MEGAFORCE	QBGM16+92	13	420.7	28
IRELANDS GALAXY G43	VICG43	16	417.4	33
MATAURI OUTLIER F031	NZE14647010F031	11	403.2	44
MILLAH MURRAH HERCULES H250	NMMH250	12	421.0	27
MILLAH MURRAH JACKPOT J137	NMMJ137	11	434.8	14
MILWILLAH ELEVATOR H194	NJWH194	8	398.2	45
MILWILLAH ELSOM H283	NJWH283	13	437.8	8
MUNDOO HOT STUFF H162	NWMH162	11	405.9	43
MURDEDUKE HUSSAR H211	CSWH211	13	439.9	6
MURRAY INGENUITY J94	NURJ94	8	418.7	32
PARINGA ABSOLUTE J87	HKFJ87	12	422.4	21
PINEBANK 64/10	NZE1199001064	6	413.8	36
RENNYLEA H7	NORH7	8	416.2	35
RENNYLEA H708	NORH708	12	421.1	25
RENNYLEA J140	NORJ140	15	445.9	2
RICHMOND HILL FINALE G4	TRHG4	15	419.4	30
RIDDELLVUE J297	VRBJ297	12	435.6	13
RISSINGTON PROMINENT 100104	NZE145720100104	8	436.1	11
RISSINGTON RESOLUTE 120992	NZE145720120992	4	419.1	31
STORTH OAKS H41	NZE19507012H41	9	411.0	39
STRATHEWEN BERKLEY G34	VSNG34	12	437.3	9
STRATHTAY EQUATOR J28	WJYJ28	15	429.3	17

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 5 - Carcase Weight (kg)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
TE MANIA 11 553	NZE16932011553	16	422.3	22
TE MANIA ADA A149	VTMA149	11	441.3	5
TIBOOBURRA IMPACT J26	VTTJ26	12	437.0	10
TOTARANUI 238	NZE12922011238	13	421.4	24
TRANGIE H468	NDAH468	7	396.2	46
TRANGIE H508	NDAH508	14	394.4	47
TURIHAUA CRUMP E5 (ET)	NZE17691009E5	12	389.5	48
TUWHARETOA D81	BNAD81	14	449.5	1
WATTLETOP JASPER J3	NWPJ3	9	438.7	7
WEERAN JIMMY J1	VHWJ1	9	410.9	40

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 5 - Carcase EMA (sq cm)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
ANTU EMULATION NEXT H33	TJTH33	10	85.2	37
ANVIL J018	HBUJ018	11	83.0	45
ANVIL J301	HBUJ301	12	80.2	48
ASCOT HALLMARK H147	QQFH147	14	81.9	47
BALD BLAIR RIGHT ANSWER J94	NBBJ94	13	84.7	41
BANQUET HUMPHRIE H467	VONH467	12	88.2	21
BONGONGO H171	NGXH171	16	85.3	36
BOOROOMOOKA HYPERNO H605	NGMH605	14	89.0	18
CAMPASPE ROCKS FOCUS J41	HTMJ41	5	96.0	1
CHERYLTON GRASSMASTER J19	WLHJ19	10	87.3	27
CHERYLTON RAVEN J20	WLHJ20	10	86.8	28
COOLANA H185	VCCH185	10	86.7	30
COOLANA NEW DAY H36	VCCH36	17	86.0	33
COONAMBLE HECTOR H249	WDCH249	11	89.8	14
FOSSIL CREEK HERO H006	NZE18681012006	15	86.0	33
GLANWORTH WAIGROUP 1213	NZE1215401213	7	86.6	31
GLENOCH MEGAFORCE	QBGM16+92	13	88.0	22
IRELANDS GALAXY G43	VICG43	16	88.8	19
MATAURI OUTLIER F031	NZE14647010F031	11	83.8	42
MILLAH MURRAH HERCULES H250	NMMH250	12	86.5	32
MILLAH MURRAH JACKPOT J137	NMMJ137	11	89.7	15
MILWILLAH ELEVATOR H194	NJWH194	8	85.2	37
MILWILLAH ELSOM H283	NJWH283	13	93.2	2
MUNDOO HOT STUFF H162	NWMH162	11	90.2	9
MURDEDUKE HUSSAR H211	CSWH211	13	85.7	35
MURRAY INGENUITY J94	NURJ94	8	91.3	5
PARINGA ABSOLUTE J87	HKFJ87	12	90.3	7
PINEBANK 64/10	NZE1199001064	6	90.1	10
RENNYLEA H7	NORH7	8	88.5	20
RENNYLEA H708	NORH708	12	90.4	6
RENNYLEA J140	NORJ140	15	90.3	7
RICHMOND HILL FINALE G4	TRHG4	15	85.2	37
RIDDELLVUE J297	VRBJ297	12	87.9	23
RISSINGTON PROMINENT 100104	NZE145720100104	8	89.9	13
RISSINGTON RESOLUTE 120992	NZE145720120992	4	86.8	28
STORTH OAKS H41	NZE19507012H41	9	90.1	10
STRATHEWEN BERKLEY G34	VSNG34	12	87.9	23
STRATHTAY EQUATOR J28	WJYJ28	15	85.2	37

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 5 - Carcase EMA (sq cm)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
TE MANIA 11 553	NZE16932011553	16	90.1	10
TE MANIA ADA A149	VTMA149	11	87.8	25
TIBOOBURRA IMPACT J26	VTTJ26	12	87.4	26
TOTARANUI 238	NZE12922011238	13	89.7	15
TRANGIE H468	NDAH468	6	83.8	42
TRANGIE H508	NDAH508	14	92.1	4
TURIHAUA CRUMP E5 (ET)	NZE17691009E5	12	83.8	42
TUWHARETOA D81	BNAD81	14	93.0	3
WATTLETOP JASPER J3	NWPJ3	9	89.7	15
WEERAN JIMMY J1	VHWJ1	9	82.2	46

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 5 - Carcase Rump Fat (mm)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
ANTU EMULATION NEXT H33	TJTH33	10	20.6	9
ANVIL J018	HBUJ018	11	20.1	14
ANVIL J301	HBUJ301	13	18.7	28
ASCOT HALLMARK H147	QQFH147	14	21.6	6
BALD BLAIR RIGHT ANSWER J94	NBBJ94	13	17.0	41
BANQUET HUMPHRIE H467	VONH467	12	17.6	36
BONGONGO H171	NGXH171	16	19.6	21
BOOROOMOOKA HYPERNO H605	NGMH605	14	21.3	7
CAMPASPE ROCKS FOCUS J41	HTMJ41	5	16.2	44
CHERYLTON GRASSMASTER J19	WLHJ19	10	17.1	38
CHERYLTON RAVEN J20	WLHJ20	10	18.0	33
COOLANA H185	VCCH185	10	20.9	8
COOLANA NEW DAY H36	VCCH36	17	20.1	14
COONAMBLE HECTOR H249	WDCH249	11	19.9	18
FOSSIL CREEK HERO H006	NZE18681012006	15	22.1	4
GLANWORTH WAIGROUP 1213	NZE1215401213	7	18.9	27
GLENOCH MEGAFORCE	QBGM16+92	13	19.7	19
IRELANDS GALAXY G43	VICG43	16	20.3	12
MATAURI OUTLIER F031	NZE14647010F031	11	19.1	23
MILLAH MURRAH HERCULES H250	NMMH250	12	20.1	14
MILLAH MURRAH JACKPOT J137	NMMJ137	11	17.1	38
MILWILLAH ELEVATOR H194	NJWH194	8	23.9	1
MILWILLAH ELSOM H283	NJWH283	13	15.7	45
MUNDOO HOT STUFF H162	NWMH162	11	17.7	35
MURDEDUKE HUSSAR H211	CSWH211	13	15.3	46
MURRAY INGENUITY J94	NURJ94	8	19.7	19
PARINGA ABSOLUTE J87	HKFJ87	12	19.1	23
PINEBANK 64/10	NZE1199001064	6	20.5	10
RENNYLEA H7	NORH7	8	19.5	22
RENNYLEA H708	NORH708	12	16.7	43
RENNYLEA J140	NORJ140	15	14.3	47
RICHMOND HILL FINALE G4	TRHG4	15	18.4	29
RIDDELLVUE J297	VRBJ297	12	17.2	37
RISSINGTON PROMINENT 100104	NZE145720100104	8	18.4	29
RISSINGTON RESOLUTE 120992	NZE145720120992	4	20.3	12
STORTH OAKS H41	NZE19507012H41	9	22.6	2
STRATHEWEN BERKLEY G34	VSNG34	12	22.1	4
STRATHTAY EQUATOR J28	WJYJ28	15	20.0	17

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 5 - Carcase Rump Fat (mm)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
TE MANIA 11 553	NZE16932011553	16	18.1	32
TE MANIA ADA A149	VTMA149	11	19.1	23
TIBOOBURRA IMPACT J26	VTTJ26	12	17.8	34
TOTARANUI 238	NZE12922011238	13	16.8	42
TRANGIE H468	NDAH468	7	22.2	3
TRANGIE H508	NDAH508	14	17.1	38
TURIHAUA CRUMP E5 (ET)	NZE17691009E5	12	19.1	23
TUWHARETOA D81	BNAD81	14	14.3	47
WATTLETOP JASPER J3	NWPJ3	9	18.2	31
WEERAN JIMMY J1	VHWJ1	9	20.5	10

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 5 - Carcase Rib Fat (mm)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
ANTU EMULATION NEXT H33	TJTH33	10	17.4	7
ANVIL J018	HBUJ018	11	16.6	21
ANVIL J301	HBUJ301	12	16.1	26
ASCOT HALLMARK H147	QQFH147	14	16.7	18
BALD BLAIR RIGHT ANSWER J94	NBBJ94	13	16.2	25
BANQUET HUMPHRIE H467	VONH467	12	13.3	45
BONGONGO H171	NGXH171	16	17.0	12
BOOROOMOOKA HYPERNO H605	NGMH605	14	16.7	18
CAMPASPE ROCKS FOCUS J41	HTMJ41	5	17.3	9
CHERYLTON GRASSMASTER J19	WLHJ19	10	15.1	35
CHERYLTON RAVEN J20	WLHJ20	10	12.7	47
COOLANA H185	VCCH185	10	15.2	34
COOLANA NEW DAY H36	VCCH36	17	16.8	16
COONAMBLE HECTOR H249	WDCH249	11	16.8	16
FOSSIL CREEK HERO H006	NZE18681012006	15	16.1	26
GLANWORTH WAIGROUP 1213	NZE1215401213	7	16.1	26
GLENOCH MEGAFORCE	QBGM16+92	13	15.5	33
IRELANDS GALAXY G43	VICG43	16	16.5	22
MATAURI OUTLIER F031	NZE14647010F031	11	20.3	3
MILLAH MURRAH HERCULES H250	NMMH250	12	16.9	13
MILLAH MURRAH JACKPOT J137	NMMJ137	11	11.3	48
MILWILLAH ELEVATOR H194	NJWH194	8	15.8	29
MILWILLAH ELSOM H283	NJWH283	13	13.8	42
MUNDOO HOT STUFF H162	NWMH162	11	12.9	46
MURDEDUKE HUSSAR H211	CSWH211	13	16.5	22
MURRAY INGENUITY J94	NURJ94	8	16.9	13
PARINGA ABSOLUTE J87	HKFJ87	12	17.3	9
PINEBANK 64/10	NZE1199001064	6	21.9	2
RENNYLEA H7	NORH7	8	16.7	18
RENNYLEA H708	NORH708	12	14.8	40
RENNYLEA J140	NORJ140	15	15.0	37
RICHMOND HILL FINALE G4	TRHG4	15	15.6	31
RIDDELLVUE J297	VRBJ297	12	15.1	35
RISSINGTON PROMINENT 100104	NZE145720100104	8	13.8	42
RISSINGTON RESOLUTE 120992	NZE145720120992	4	19.3	4
STORTH OAKS H41	NZE19507012H41	9	18.4	6
STRATHEWEN BERKLEY G34	VSNG34	12	17.4	7
STRATHTAY EQUATOR J28	WJYJ28	15	16.9	13

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 5 - Carcase Rib Fat (mm)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
TE MANIA 11 553	NZE16932011553	16	16.5	22
TE MANIA ADA A149	VTMA149	11	14.2	41
TIBOOBURRA IMPACT J26	VTTJ26	12	15.8	29
TOTARANUI 238	NZE12922011238	13	15.6	31
TRANGIE H468	NDAH468	7	22.0	1
TRANGIE H508	NDAH508	14	19.3	4
TURIHAUA CRUMP E5 (ET)	NZE17691009E5	12	17.1	11
TUWHARETOA D81	BNAD81	14	14.9	39
WATTLETOP JASPER J3	NWPJ3	8	13.4	44
WEERAN JIMMY J1	VHWJ1	9	15.0	37

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 5 - Carcase IMF (%)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
ANTU EMULATION NEXT H33	TJTH33	10	6.8	48
ANVIL J018	HBUJ018	11	8.5	28
ANVIL J301	HBUJ301	13	9.0	15
ASCOT HALLMARK H147	QQFH147	14	9.4	12
BALD BLAIR RIGHT ANSWER J94	NBBJ94	13	8.9	17
BANQUET HUMPHRIE H467	VONH467	12	7.5	43
BONGONGO H171	NGXH171	16	10.7	3
BOOROOMOOKA HYPERNO H605	NGMH605	14	8.4	30
CAMPASPE ROCKS FOCUS J41	HTMJ41	5	10.7	3
CHERYLTON GRASSMASTER J19	WLHJ19	10	9.5	11
CHERYLTON RAVEN J20	WLHJ20	10	9.6	9
COOLANA H185	VCCH185	9	8.9	17
COOLANA NEW DAY H36	VCCH36	17	8.6	24
COONAMBLE HECTOR H249	WDCH249	11	8.1	34
FOSSIL CREEK HERO H006	NZE18681012006	15	8.0	36
GLANWORTH WAIGROUP 1213	NZE1215401213	7	8.6	24
GLENOCH MEGAFORCE	QBGM16+92	13	8.8	20
IRELANDS GALAXY G43	VICG43	15	7.2	47
MATAURI OUTLIER F031	NZE14647010F031	11	8.7	23
MILLAH MURRAH HERCULES H250	NMMH250	12	9.3	13
MILLAH MURRAH JACKPOT J137	NMMJ137	11	7.5	43
MILWILLAH ELEVATOR H194	NJWH194	8	7.6	41
MILWILLAH ELSOM H283	NJWH283	13	7.8	37
MUNDOO HOT STUFF H162	NWMH162	11	7.3	46
MURDEDUKE HUSSAR H211	CSWH211	13	8.1	34
MURRAY INGENUITY J94	NURJ94	8	9.0	15
PARINGA ABSOLUTE J87	HKFJ87	12	10.1	7
PINEBANK 64/10	NZE1199001064	6	8.5	28
RENNYLEA H7	NORH7	8	8.3	33
RENNYLEA H708	NORH708	11	12.0	1
RENNYLEA J140	NORJ140	15	10.1	7
RICHMOND HILL FINALE G4	TRHG4	15	10.6	5
RIDDELLVUE J297	VRBJ297	12	7.6	41
RISSINGTON PROMINENT 100104	NZE145720100104	8	8.9	17
RISSINGTON RESOLUTE 120992	NZE145720120992	4	7.5	43
STORTH OAKS H41	NZE19507012H41	8	7.8	37
STRATHEWEN BERKLEY G34	VSNG34	12	8.6	24
STRATHTAY EQUATOR J28	WJYJ28	15	9.2	14

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 5 - Carcase IMF (%)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
TE MANIA 11 553	NZE16932011553	16	10.3	6
TE MANIA ADA A149	VTMA149	11	7.8	37
TIBOOBURRA IMPACT J26	VTTJ26	12	9.6	9
TOTARANUI 238	NZE12922011238	13	11.1	2
TRANGIE H468	NDAH468	7	8.4	30
TRANGIE H508	NDAH508	14	8.4	30
TURIHAUA CRUMP E5 (ET)	NZE17691009E5	12	7.7	40
TUWHARETOA D81	BNAD81	14	8.8	20
WATTLETOP JASPER J3	NWPJ3	9	8.8	20
WEERAN JIMMY J1	VHWJ1	9	8.6	24

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 5 - Net Feed Intake (kg/day)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
ANTU EMULATION NEXT H33	TJTH33	9	-2.5	15
ANVIL J018	HBUJ018	11	-2.0	25
ANVIL J301	HBUJ301	13	-1.7	38
ASCOT HALLMARK H147	QQFH147	14	-1.3	48
BALD BLAIR RIGHT ANSWER J94	NBBJ94	13	-1.9	31
BANQUET HUMPHRIE H467	VONH467	12	-2.7	8
BONGONGO H171	NGXH171	16	-2.7	8
BOOROOMOOKA HYPERNO H605	NGMH605	15	-2.6	13
CAMPASPE ROCKS FOCUS J41	HTMJ41	6	-2.2	20
CHERYLTON GRASSMASTER J19	WLHJ19	10	-2.0	25
CHERYLTON RAVEN J20	WLHJ20	10	-2.3	19
COOLANA H185	VCCH185	10	-1.9	31
COOLANA NEW DAY H36	VCCH36	17	-2.4	17
COONAMBLE HECTOR H249	WDCH249	11	-2.7	8
FOSSIL CREEK HERO H006	NZE18681012006	15	-1.4	46
GLANWORTH WAIGROUP 1213	NZE1215401213	8	-1.8	37
GLENOCH MEGAFORCE	QBGM16+92	13	-2.2	20
IRELANDS GALAXY G43	VICG43	17	-1.6	40
MATAURI OUTLIER F031	NZE14647010F031	11	-2.0	25
MILLAH MURRAH HERCULES H250	NMMH250	13	-2.0	25
MILLAH MURRAH JACKPOT J137	NMMJ137	11	-3.0	2
MILWILLAH ELEVATOR H194	NJWH194	9	-2.8	5
MILWILLAH ELSOM H283	NJWH283	13	-1.9	31
MUNDOO HOT STUFF H162	NWMH162	10	-2.8	5
MURDEDUKE HUSSAR H211	CSWH211	13	-3.2	1
MURRAY INGENUITY J94	NURJ94	8	-1.6	40
PARINGA ABSOLUTE J87	HKFJ87	12	-2.2	20
PINEBANK 64/10	NZE1199001064	5	-2.7	8
RENNYLEA H7	NORH7	8	-2.9	4
RENNYLEA H708	NORH708	12	-1.4	46
RENNYLEA J140	NORJ140	15	-2.4	17
RICHMOND HILL FINALE G4	TRHG4	15	-1.9	31
RIDDELLVUE J297	VRBJ297	12	-2.6	13
RISSINGTON PROMINENT 100104	NZE145720100104	10	-2.5	15
RISSINGTON RESOLUTE 120992	NZE145720120992	4	-1.6	40
STORTH OAKS H41	NZE19507012H41	8	-1.5	44
STRATHEWEN BERKLEY G34	VSNG34	12	-2.2	20
STRATHTAY EQUATOR J28	WJYJ28	15	-3.0	2

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 5 - Net Feed Intake (kg/day)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
TE MANIA 11 553	NZE16932011553	16	-1.9	31
TE MANIA ADA A149	VTMA149	12	-2.8	5
TIBOOBURRA IMPACT J26	VTTJ26	12	-1.9	31
TOTARANUI 238	NZE12922011238	13	-1.5	44
TRANGIE H468	NDAH468	7	-2.0	25
TRANGIE H508	NDAH508	14	-2.2	20
TURIHAUA CRUMP E5 (ET)	NZE17691009E5	12	-2.0	25
TUWHARETOA D81	BNAD81	14	-1.7	38
WATTLETOP JASPER J3	NWPJ3	9	-1.6	40
WEERAN JIMMY J1	VHWJ1	10	-2.7	8

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 5 - MSA Marble Score (Score)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
ANTU EMULATION NEXT H33	TJTH33	10	413.0	40
ANVIL J018	HBUJ018	11	432.2	32
ANVIL J301	HBUJ301	12	415.6	37
ASCOT HALLMARK H147	QQFH147	14	485.9	11
BALD BLAIR RIGHT ANSWER J94	NBBJ94	13	454.3	23
BANQUET HUMPHRIE H467	VONH467	12	460.7	20
BONGONGO H171	NGXH171	16	517.5	3
BOOROOMOOKA HYPERNO H605	NGMH605	14	425.3	34
CAMPASPE ROCKS FOCUS J41	HTMJ41	5	600.2	1
CHERYLTON GRASSMASTER J19	WLHJ19	10	466.7	18
CHERYLTON RAVEN J20	WLHJ20	10	480.5	12
COOLANA H185	VCCH185	10	444.1	29
COOLANA NEW DAY H36	VCCH36	17	458.6	21
COONAMBLE HECTOR H249	WDCH249	11	423.2	36
FOSSIL CREEK HERO H006	NZE18681012006	15	412.6	41
GLANWORTH WAIGROUP 1213	NZE1215401213	7	428.5	33
GLENOCH MEGAFORCE	QBGM16+92	13	473.5	15
IRELANDS GALAXY G43	VICG43	16	384.8	47
MATAURI OUTLIER F031	NZE14647010F031	11	466.7	18
MILLAH MURRAH HERCULES H250	NMMH250	12	475.3	14
MILLAH MURRAH JACKPOT J137	NMMJ137	11	402.0	44
MILWILLAH ELEVATOR H194	NJWH194	8	363.8	48
MILWILLAH ELSOM H283	NJWH283	13	446.4	27
MUNDOO HOT STUFF H162	NWMH162	11	413.9	39
MURDEDUKE HUSSAR H211	CSWH211	13	452.6	24
MURRAY INGENUITY J94	NURJ94	8	387.1	46
PARINGA ABSOLUTE J87	HKFJ87	12	504.3	6
PINEBANK 64/10	NZE1199001064	6	435.2	30
RENNYLEA H7	NORH7	8	457.2	22
RENNYLEA H708	NORH708	12	579.0	2
RENNYLEA J140	NORJ140	15	500.3	8
RICHMOND HILL FINALE G4	TRHG4	15	498.4	9
RIDDELLVUE J297	VRBJ297	12	424.1	35
RISSINGTON PROMINENT 100104	NZE145720100104	8	478.2	13
RISSINGTON RESOLUTE 120992	NZE145720120992	4	447.8	26
STORTH OAKS H41	NZE19507012H41	9	496.5	10
STRATHEWEN BERKLEY G34	VSNG34	12	473.3	16
STRATHTAY EQUATOR J28	WJYJ28	15	445.9	28

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 5 - MSA Marble Score (Score)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
TE MANIA 11 553	NZE16932011553	16	502.2	7
TE MANIA ADA A149	VTMA149	11	415.2	38
TIBOOBURRA IMPACT J26	VTTJ26	12	471.8	17
TOTARANUI 238	NZE12922011238	13	506.3	5
TRANGIE H468	NDAH468	7	410.5	42
TRANGIE H508	NDAH508	14	405.6	43
TURIHAUA CRUMP E5 (ET)	NZE17691009E5	12	400.1	45
TUWHARETOA D81	BNAD81	14	507.7	4
WATTLETOP JASPER J3	NWPJ3	9	452.3	25
WEERAN JIMMY J1	VHWJ1	9	434.5	31

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 5 - MSA Ossification (Score)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
ANTU EMULATION NEXT H33	TJTH33	10	150.8	37
ANVIL J018	HBUJ018	11	139.8	7
ANVIL J301	HBUJ301	12	141.1	9
ASCOT HALLMARK H147	QQFH147	14	153.3	43
BALD BLAIR RIGHT ANSWER J94	NBBJ94	13	138.2	5
BANQUET HUMPHRIE H467	VONH467	12	153.9	45
BONGONGO H171	NGXH171	16	147.6	26
BOOROOMOOKA HYPERNO H605	NGMH605	14	151.9	40
CAMPASPE ROCKS FOCUS J41	HTMJ41	5	156.3	49
CHERYLTON GRASSMASTER J19	WLHJ19	10	145.7	19
CHERYLTON RAVEN J20	WLHJ20	10	144.1	16
COOLANA H185	VCCH185	10	143.0	12
COOLANA NEW DAY H36	VCCH36	17	149.9	34
COONAMBLE HECTOR H249	WDCH249	11	143.7	13
FOSSIL CREEK HERO H006	NZE18681012006	15	147.0	23
GLANWORTH WAIGROUP 1213	NZE1215401213	7	155.0	48
GLENOCH MEGAFORCE	QBGM16+92	13	135.9	3
IRELANDS GALAXY G43	VICG43	16	147.8	29
MATAURI OUTLIER F031	NZE14647010F031	11	139.8	7
MILLAH MURRAH HERCULES H250	NMMH250	12	131.8	2
MILLAH MURRAH JACKPOT J137	NMMJ137	11	154.8	47
MILWILLAH ELEVATOR H194	NJWH194	8	141.2	10
MILWILLAH ELSOM H283	NJWH283	13	143.7	13
MUNDOO HOT STUFF H162	NWMH162	11	138.2	5
MURDEDUKE HUSSAR H211	CSWH211	13	150.7	36
MURRAY INGENUITY J94	NURJ94	8	144.0	15
PARINGA ABSOLUTE J87	HKFJ87	12	147.0	23
PINEBANK 64/10	NZE1199001064	6	141.3	11
RENNYLEA H7	NORH7	8	148.8	32
RENNYLEA H708	NORH708	12	148.4	31
RENNYLEA J140	NORJ140	15	153.8	44
RICHMOND HILL FINALE G4	TRHG4	15	147.6	26
RIDDELLVUE J297	VRBJ297	12	147.7	28
RISSINGTON PROMINENT 100104	NZE145720100104	8	126.3	1
RISSINGTON RESOLUTE 120992	NZE145720120992	4	144.9	18
STORTH OAKS H41	NZE19507012H41	9	147.0	23
STRATHEWEN BERKLEY G34	VSNG34	12	152.6	41
STRATHTAY EQUATOR J28	WJYJ28	15	149.5	33

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 5 - MSA Ossification (Score)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
TE MANIA 11 553	NZE16932011553	16	151.1	39
TE MANIA ADA A149	VTMA149	11	150.3	35
TIBOOBURRA IMPACT J26	VTTJ26	12	145.8	20
TOTARANUI 238	NZE12922011238	13	147.8	29
TRANGIE H468	NDAH468	7	154.1	46
TRANGIE H508	NDAH508	14	146.3	22
TURIHAUA CRUMP E5 (ET)	NZE17691009E5	12	144.3	17
TUWHARETOA D81	BNAD81	14	146.0	21
WATTLETOP JASPER J3	NWPJ3	9	153.0	42
WEERAN JIMMY J1	VHWJ1	9	138.1	4

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 5 - MSA Index (Index)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
ANTU EMULATION NEXT H33	TJTH33	10	63.0	42
ANVIL J018	HBUJ018	11	64.0	25
ANVIL J301	HBUJ301	12	63.6	33
ASCOT HALLMARK H147	QQFH147	14	64.4	14
BALD BLAIR RIGHT ANSWER J94	NBBJ94	13	64.3	18
BANQUET HUMPHRIE H467	VONH467	12	63.5	35
BONGONGO H171	NGXH171	16	64.8	6
BOOROOMOOKA HYPERNO H605	NGMH605	14	63.5	35
CAMPASPE ROCKS FOCUS J41	HTMJ41	5	65.5	1
CHERYLTON GRASSMASTER J19	WLHJ19	10	64.1	20
CHERYLTON RAVEN J20	WLHJ20	10	64.4	14
COOLANA H185	VCCH185	10	64.1	20
COOLANA NEW DAY H36	VCCH36	17	63.7	31
COONAMBLE HECTOR H249	WDCH249	11	63.8	29
FOSSIL CREEK HERO H006	NZE18681012006	15	62.9	45
GLANWORTH WAIGROUP 1213	NZE1215401213	7	63.3	38
GLENOCH MEGAFORCE	QBGM16+92	13	64.9	5
IRELANDS GALAXY G43	VICG43	16	63.0	42
MATAURI OUTLIER F031	NZE14647010F031	11	64.6	7
MILLAH MURRAH HERCULES H250	NMMH250	12	65.2	4
MILLAH MURRAH JACKPOT J137	NMMJ137	11	62.6	47
MILWILLAH ELEVATOR H194	NJWH194	8	62.6	47
MILWILLAH ELSOM H283	NJWH283	13	63.8	29
MUNDOO HOT STUFF H162	NWMH162	11	63.6	33
MURDEDUKE HUSSAR H211	CSWH211	13	64.0	25
MURRAY INGENUITY J94	NURJ94	8	63.1	40
PARINGA ABSOLUTE J87	HKFJ87	12	64.6	7
PINEBANK 64/10	NZE1199001064	6	64.2	19
RENNYLEA H7	NORH7	8	64.0	25
RENNYLEA H708	NORH708	12	65.5	1
RENNYLEA J140	NORJ140	15	64.4	14
RICHMOND HILL FINALE G4	TRHG4	15	64.5	10
RIDDELLVUE J297	VRBJ297	12	63.9	28
RISSINGTON PROMINENT 100104	NZE145720100104	8	65.5	1
RISSINGTON RESOLUTE 120992	NZE145720120992	4	64.5	10
STORTH OAKS H41	NZE19507012H41	9	64.1	20
STRATHEWEN BERKLEY G34	VSNG34	12	64.5	10
STRATHTAY EQUATOR J28	WJYJ28	15	63.7	31

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 5 - MSA Index (Index)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
TE MANIA 11 553	NZE16932011553	16	64.4	14
TE MANIA ADA A149	VTMA149	11	63.2	39
TIBOOBURRA IMPACT J26	VTTJ26	12	64.1	20
TOTARANUI 238	NZE12922011238	13	64.5	10
TRANGIE H468	NDAH468	7	62.9	45
TRANGIE H508	NDAH508	14	63.4	37
TURIHAUA CRUMP E5 (ET)	NZE17691009E5	12	63.1	40
TUWHARETOA D81	BNAD81	14	64.6	7
WATTLETOP JASPER J3	NWPJ3	9	63.0	42
WEERAN JIMMY J1	VHWJ1	9	64.1	20

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: 5 - Docility (Score)

Sire Name	Sire ID	Number of Progeny	Progeny % Score 1-1.5	Rank
ANTU EMULATION NEXT H33	TJTH33	31	35.5	27
ANVIL J018	HBUJ018	21	52.4	7
ANVIL J301	HBUJ301	31	58.1	4
ASCOT HALLMARK H147	QQFH147	26	30.8	32
BALD BLAIR RIGHT ANSWER J94	NBBJ94	26	34.6	28
BANQUET HUMPHRIE H467	VONH467	21	42.9	17
BONGONGO H171	NGXH171	25	16.0	46
BOOROOMOOKA HYPERNO H605	NGMH605	35	37.1	23
CAMPASPE ROCKS FOCUS J41	HTMJ41	17	11.8	48
CHERYLTON GRASSMASTER J19	WLHJ19	16	18.8	45
CHERYLTON RAVEN J20	WLHJ20	24	25.0	39
COOLANA H185	VCCH185	21	28.6	36
COOLANA NEW DAY H36	VCCH36	26	50.0	9
COONAMBLE HECTOR H249	WDCH249	21	81.0	1
FOSSIL CREEK HERO H006	NZE18681012006	28	35.7	26
GLANWORTH WAIGROUP 1213	NZE1215401213	27	51.9	8
GLENOCH MEGAFORCE+92	QBGM16+92	24	45.8	13
IRELANDS GALAXY G43	VICG43	34	20.6	44
MATAURI OUTLIER F031	NZE14647010F031	29	37.9	22
MILLAH MURRAH HERCULES H250	NMMH250	35	34.3	30
MILLAH MURRAH JACKPOT J137	NMMJ137	28	25.0	39
MILWILLAH ELEVATOR H194	NJWH194	20	40.0	20
MILWILLAH ELSOM H283	NJWH283	24	41.7	19
MUNDOO HOT STUFF H162	NWMH162	27	59.3	3
MURDEDUKE HUSSAR H211	CSWH211	22	45.5	14
MURRAY INGENUITY J94	NURJ94	21	14.3	47
PARINGA ABSOLUTE J87	HKFJ87	27	37.0	24
PINEBANK 64/10	NZE1199001064	17	23.5	41
RENNYLEA H7	NORH7	27	48.1	10
RENNYLEA H708	NORH708	25	40.0	20
RENNYLEA J140	NORJ140	26	42.3	18
RICHMOND HILL FINALE G4	TRHG4	25	32.0	31
RIDDELLVUE JUSTICE J297	VRBJ297	27	44.4	15
RISSINGTON PROMINENT 100104	NZE145720100104	24	29.2	34
RISSINGTON RESOLUTE 120992	NZE145720120992	13	30.8	32
STORTH OAKS H41	NZE19507012H41	28	46.4	12
STRATHEWEN BERKLEY G34	VSNG34	26	34.6	28
STRATHTAY EQUATOR J28	WJYJ28	19	36.8	25

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 5 - Docility (Score)

Sire Name	Sire ID	Number of Progeny	Progeny % Score 1-1.5	Rank
TE MANIA 11 553	NZE16932011553	29	27.6	38
TE MANIA ADA A149	VTMA149	21	57.1	5
TIBOOBURRA IMPACT J26	VTTJ26	28	28.6	36
TOTARANUI 238	NZE12922011238	28	57.1	5
TRANGIE H468	NDAH468	19	47.4	11
TRANGIE H508	NDAH508	30	23.3	42
TURIHAUA CRUMP E5 (ET)	NZE17691009E5	18	61.1	2
TUWHARETOA D81	BNAD81	27	44.4	15
WATTLETOP JASPER J3	NWPJ3	18	22.2	43
WEERAN JIMMY J1	VHWJ1	24	29.2	34

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 5 - Claw Set (Score)

Sire Name	Sire ID	Number of Progeny	Progeny % Score 5-6	Rank
ANTU EMULATION NEXT H33	TJTH33	29	65.5	44
ANVIL J018	HBUJ018	20	80.0	33
ANVIL J301	HBUJ301	28	96.4	3
ASCOT HALLMARK H147	QQFH147	25	84.0	25
BALD BLAIR RIGHT ANSWER J94	NBBJ94	25	84.0	25
BANQUET HUMPHRIE H467	VONH467	21	90.5	10
BONGONGO H171	NGXH171	23	73.9	38
BOOROOMOOKA HYPERNO H605	NGMH605	33	60.6	47
CAMPASPE ROCKS FOCUS J41	HTMJ41	16	75.0	36
CHERYLTON GRASSMASTER J19	WLHJ19	15	73.3	40
CHERYLTON RAVEN J20	WLHJ20	22	81.8	30
COOLANA H185	VCCH185	19	73.7	39
COOLANA NEW DAY H36	VCCH36	24	62.5	45
COONAMBLE HECTOR H249	WDCH249	19	84.2	24
FOSSIL CREEK HERO H006	NZE18681012006	26	92.3	9
GLANWORTH WAIGROUP 1213	NZE1215401213	20	95.0	6
GLENOCH MEGAFORCE+92	QBGM16+92	23	100.0	1
IRELANDS GALAXY G43	VICG43	34	88.2	12
MATAURI OUTLIER F031	NZE14647010F031	28	96.4	3
MILLAH MURRAH HERCULES H250	NMMH250	29	86.2	19
MILLAH MURRAH JACKPOT J137	NMMJ137	26	69.2	42
MILWILLAH ELEVATOR H194	NJWH194	19	100.0	1
MILWILLAH ELSOM H283	NJWH283	22	77.3	35
MUNDOO HOT STUFF H162	NWMH162	25	84.0	25
MURDEDUKE HUSSAR H211	CSWH211	23	95.7	5
MURRAY INGENUITY J94	NURJ94	21	81.0	31
PARINGA ABSOLUTE J87	HKFJ87	25	88.0	13
PINEBANK 64/10	NZE1199001064	16	87.5	14
RENNYLEA H7	NORH7	26	88.5	11
RENNYLEA H708	NORH708	24	83.3	28
RENNYLEA J140	NORJ140	26	84.6	22
RICHMOND HILL FINALE G4	TRHG4	24	87.5	14
RIDDELLVUE JUSTICE J297	VRBJ297	26	50.0	48
RISSINGTON PROMINENT 100104	NZE145720100104	24	62.5	45
RISSINGTON RESOLUTE 120992	NZE145720120992	12	75.0	36
STORTH OAKS H41	NZE19507012H41	27	92.6	8
STRATHEWEN BERKLEY G34	VSNG34	25	72.0	41
STRATHTAY EQUATOR J28	WJYJ28	18	83.3	28

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 5 - Claw Set (Score)

Sire Name	Sire ID	Number of Progeny	Progeny % Score 5-6	Rank
TE MANIA 11 553	NZE16932011553	29	69.0	43
TE MANIA ADA A149	VTMA149	21	85.7	20
TIBOOBURRA IMPACT J26	VTTJ26	26	84.6	22
TOTARANUI 238	NZE12922011238	29	93.1	7
TRANGIE H468	NDAH468	15	86.7	18
TRANGIE H508	NDAH508	21	85.7	20
TURIHAUA CRUMP E5 (ET)	NZE17691009E5	20	80.0	33
TUWHARETOA D81	BNAD81	26	80.8	32
WATTLETOP JASPER J3	NWPJ3	16	87.5	14
WEERAN JIMMY J1	VHWJ1	23	87.0	17

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 5 - Foot Angle (Score)

Sire Name	Sire ID	Number of Progeny	Progeny % Score 5-6	Rank
ANTU EMULATION NEXT H33	TJTH33	29	86.2	43
ANVIL J018	HBUJ018	20	85.0	44
ANVIL J301	HBUJ301	28	96.4	19
ASCOT HALLMARK H147	QQFH147	25	92.0	40
BALD BLAIR RIGHT ANSWER J94	NBBJ94	25	100.0	1
BANQUET HUMPHRIE H467	VONH467	21	100.0	1
BONGONGO H171	NGXH171	23	100.0	1
BOOROOMOOKA HYPERNO H605	NGMH605	33	93.9	33
CAMPASPE ROCKS FOCUS J41	HTMJ41	16	100.0	1
CHERYLTON GRASSMASTER J19	WLHJ19	15	93.3	36
CHERYLTON RAVEN J20	WLHJ20	22	100.0	1
COOLANA H185	VCCH185	19	94.7	30
COOLANA NEW DAY H36	VCCH36	24	91.7	41
COONAMBLE HECTOR H249	WDCH249	19	100.0	1
FOSSIL CREEK HERO H006	NZE18681012006	26	100.0	1
GLANWORTH WAIGROUP 1213	NZE1215401213	20	100.0	1
GLENOCH MEGAFORCE+92	QBGM16+92	23	95.7	26
IRELANDS GALAXY G43	VICG43	34	100.0	1
MATAURI OUTLIER F031	NZE14647010F031	28	92.9	38
MILLAH MURRAH HERCULES H250	NMMH250	29	96.6	17
MILLAH MURRAH JACKPOT J137	NMMJ137	26	100.0	1
MILWILLAH ELEVATOR H194	NJWH194	19	94.7	30
MILWILLAH ELSOM H283	NJWH283	22	100.0	1
MUNDOO HOT STUFF H162	NWMH162	25	100.0	1
MURDEDUKE HUSSAR H211	CSWH211	23	95.7	26
MURRAY INGENUITY J94	NURJ94	21	100.0	1
PARINGA ABSOLUTE J87	HKFJ87	25	100.0	1
PINEBANK 64/10	NZE1199001064	16	93.8	34
RENNYLEA H7	NORH7	26	96.2	21
RENNYLEA H708	NORH708	24	95.8	25
RENNYLEA J140	NORJ140	26	96.2	21
RICHMOND HILL FINALE G4	TRHG4	24	100.0	1
RIDDELLVUE JUSTICE J297	VRBJ297	26	100.0	1
RISSINGTON PROMINENT 100104	NZE145720100104	24	70.8	48
RISSINGTON RESOLUTE 120992	NZE145720120992	12	83.3	46
STORTH OAKS H41	NZE19507012H41	27	96.3	20
STRATHEWEN BERKLEY G34	VSNG34	25	96.0	24
STRATHTAY EQUATOR J28	WJYJ28	18	94.4	32

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 5 - Foot Angle (Score)

Sire Name	Sire ID	Number of Progeny	Progeny % Score 5-6	Rank
TE MANIA 11 553	NZE16932011553	29	96.6	17
TE MANIA ADA A149	VTMA149	21	95.2	28
TIBOOBURRA IMPACT J26	VTTJ26	26	96.2	21
TOTARANUI 238	NZE12922011238	29	93.1	37
TRANGIE H468	NDAH468	15	80.0	47
TRANGIE H508	NDAH508	21	95.2	28
TURIHAUA CRUMP E5 (ET)	NZE17691009E5	20	85.0	44
TUWHARETOA D81	BNAD81	26	92.3	39
WATTLETOP JASPER J3	NWPJ3	16	93.8	34
WEERAN JIMMY J1	VHWJ1	23	91.3	42

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 5 - Coat Type (Score)

Sire Name	Sire ID	Number of Progeny	Progeny % Score 1-2	Rank
ANTU EMULATION NEXT H33	TJTH33	26	34.6	31
ANVIL J018	HBUJ018	18	44.4	21
ANVIL J301	HBUJ301	26	34.6	31
ASCOT HALLMARK H147	QQFH147	24	45.8	19
BALD BLAIR RIGHT ANSWER J94	NBBJ94	24	54.2	12
BANQUET HUMPHRIE H467	VONH467	21	28.6	38
BONGONGO H171	NGXH171	22	59.1	10
BOOROOMOOKA HYPERNO H605	NGMH605	26	61.5	7
CAMPASPE ROCKS FOCUS J41	HTMJ41	14	64.3	4
CHERYLTON GRASSMASTER J19	WLHJ19	14	35.7	29
CHERYLTON RAVEN J20	WLHJ20	22	27.3	40
COOLANA H185	VCCH185	17	29.4	37
COOLANA NEW DAY H36	VCCH36	22	31.8	33
COONAMBLE HECTOR H249	WDCH249	18	22.2	43
FOSSIL CREEK HERO H006	NZE18681012006	25	44.0	22
GLANWORTH WAIGROUP 1213	NZE1215401213	20	25.0	41
GLENOCH MEGAFORCE+92	QBGM16+92	22	45.5	20
IRELANDS GALAXY G43	VICG43	33	15.2	48
MATAURI OUTLIER F031	NZE14647010F031	24	25.0	41
MILLAH MURRAH HERCULES H250	NMMH250	26	69.2	2
MILLAH MURRAH JACKPOT J137	NMMJ137	25	48.0	17
MILWILLAH ELEVATOR H194	NJWH194	19	52.6	14
MILWILLAH ELSOM H283	NJWH283	21	52.4	15
MUNDOO HOT STUFF H162	NWMH162	22	31.8	33
MURDEDUKE HUSSAR H211	CSWH211	21	38.1	27
MURRAY INGENUITY J94	NURJ94	18	38.9	26
PARINGA ABSOLUTE J87	HKFJ87	25	52.0	16
PINEBANK 64/10	NZE1199001064	15	20.0	45
RENNYLEA H7	NORH7	23	65.2	3
RENNYLEA H708	NORH708	22	36.4	28
RENNYLEA J140	NORJ140	23	17.4	47
RICHMOND HILL FINALE G4	TRHG4	24	62.5	5
RIDDELLVUE JUSTICE J297	VRBJ297	25	56.0	11
RISSINGTON PROMINENT 100104	NZE145720100104	21	19.0	46
RISSINGTON RESOLUTE 120992	NZE145720120992	12	41.7	24
STORTH OAKS H41	NZE19507012H41	25	40.0	25
STRATHEWEN BERKLEY G34	VSNG34	24	62.5	5
STRATHTAY EQUATOR J28	WJYJ28	18	27.8	39

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 5 - Coat Type (Score)

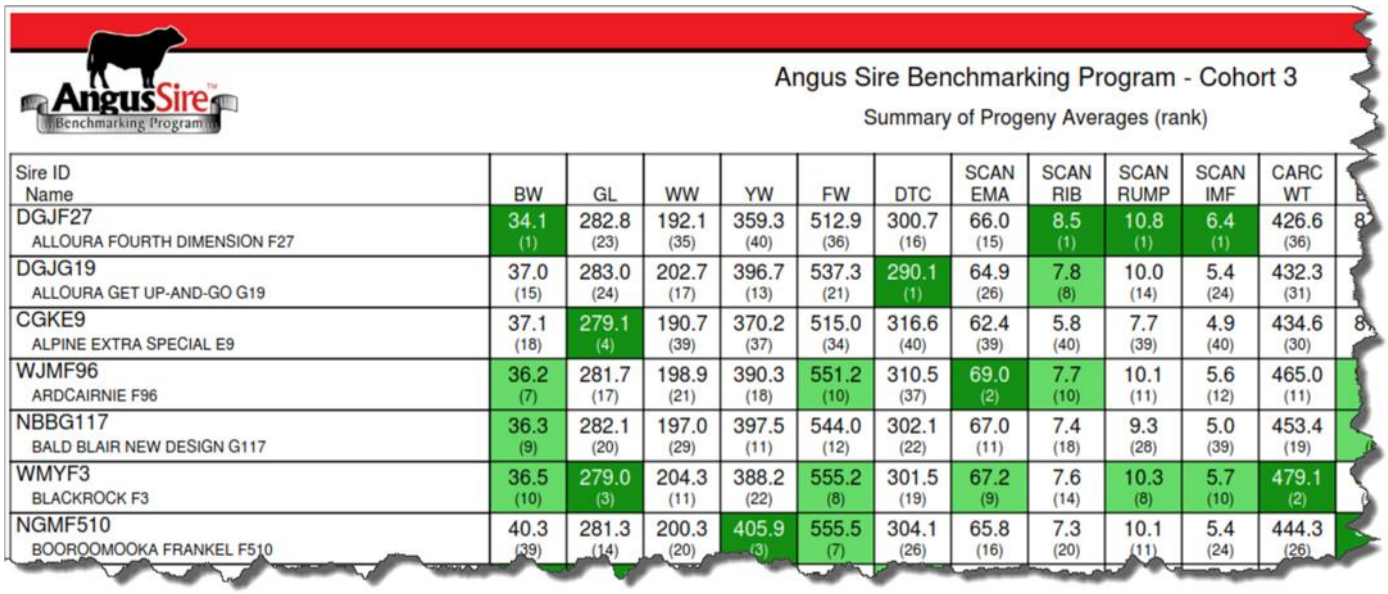
Sire Name	Sire ID	Number of Progeny	Progeny % Score 1-2	Rank
TE MANIA 11 553	NZE16932011553	28	42.9	23
TE MANIA ADA A149	VTMA149	19	47.4	18
TIBOOBURRA IMPACT J26	VTTJ26	24	54.2	12
TOTARANUI 238	NZE12922011238	25	60.0	8
TRANGIE H468	NDAH468	14	21.4	44
TRANGIE H508	NDAH508	20	35.0	30
TURIHAUA CRUMP E5 (ET)	NZE17691009E5	19	31.6	36
TUWHARETOA D81	BNAD81	24	79.2	1
WATTLETOP JASPER J3	NWPJ3	15	60.0	8
WEERAN JIMMY J1	VHWJ1	22	31.8	33

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 5

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
TJTH33 ANTU EMULATION NEXT H33	35.5 (3)	278.0 (14)	238.8 (43)	359.0 (39)	530.9 (46)	300.1 (19)	60.4 (48)	7.6 (7)	10.8 (9)	6.0 (10)	409.3 (41)	85.2 (37)	6.8 (48)	-2.5 (15)	413.0 (40)	150.8 (37)	63.0 (42)	35.5 (27)	65.5 (44)	86.2 (43)	34.6 (31)
HBUJ018 ANVIL J018	37.6 (23)	275.7 (1)	249.1 (13)	378.4 (7)	562.3 (19)	303.9 (33)	62.1 (41)	6.7 (27)	9.7 (32)	5.7 (38)	425.9 (19)	83.0 (45)	8.5 (28)	-2.0 (25)	432.2 (32)	139.8 (7)	64.0 (25)	52.4 (7)	80.0 (33)	85.0 (44)	44.4 (21)
HBUJ301 ANVIL J301	36.4 (8)	280.2 (33)	241.4 (36)	357.0 (43)	544.0 (39)	292.5 (3)	61.9 (44)	7.2 (12)	9.4 (40)	5.8 (27)	411.8 (38)	80.2 (48)	9.0 (15)	-1.7 (38)	415.6 (37)	141.1 (9)	63.6 (33)	58.1 (4)	96.4 (3)	96.4 (19)	34.6 (31)
QQFH147 ASCOT HALLMARK H147	39.1 (37)	279.1 (22)	252.6 (4)	378.8 (6)	593.9 (1)	294.0 (6)	63.0 (27)	7.8 (5)	11.6 (2)	5.9 (19)	443.4 (3)	81.9 (47)	9.4 (12)	-1.3 (48)	485.9 (11)	153.3 (43)	64.4 (14)	30.8 (32)	84.0 (25)	92.0 (40)	45.8 (19)
NBBJ94 BALD BLAIR RIGHT ANSWER J94	38.4 (31)	280.3 (34)	258.1 (1)	383.1 (3)	573.2 (9)	308.2 (41)	62.9 (29)	7.4 (9)	10.5 (14)	6.3 (2)	433.2 (16)	84.7 (41)	8.9 (17)	-1.9 (31)	454.3 (23)	138.2 (5)	64.3 (18)	34.6 (28)	84.0 (25)	100.0 (1)	54.2 (12)
VONH467 BANQUET HUMPHRIE H467	37.6 (23)	278.9 (21)	237.6 (45)	366.4 (25)	552.7 (34)	305.8 (37)	63.6 (21)	6.7 (27)	10.0 (26)	5.9 (19)	419.8 (29)	88.2 (21)	7.5 (43)	-2.7 (8)	460.7 (20)	153.9 (45)	63.5 (35)	42.9 (17)	90.5 (10)	100.0 (1)	28.6 (38)
NGXH171 BONGONGO H171	35.0 (2)	277.8 (12)	243.1 (29)	363.7 (32)	565.9 (17)	298.6 (15)	62.2 (40)	7.2 (12)	10.8 (9)	6.1 (7)	428.0 (18)	85.3 (36)	10.7 (3)	-2.7 (8)	517.5 (3)	147.6 (26)	64.8 (6)	16.0 (46)	73.9 (38)	100.0 (1)	59.1 (10)
NGMH605 BOOROOMOOKA HYPERNO H605	39.7 (43)	279.9 (29)	247.6 (17)	372.9 (14)	572.9 (10)	300.5 (21)	64.5 (13)	6.7 (27)	10.4 (17)	5.4 (47)	436.1 (11)	89.0 (18)	8.4 (30)	-2.6 (13)	425.3 (34)	151.9 (40)	63.5 (35)	37.1 (23)	60.6 (47)	93.9 (33)	61.5 (7)
HTMJ41 CAMPASPE ROCKS FOCUS J41	39.2 (41)	278.4 (17)	251.5 (8)	363.8 (31)	559.9 (21)	303.6 (32)	64.0 (17)	7.3 (10)	10.0 (26)	5.8 (27)	413.2 (37)	96.0 (1)	10.7 (3)	-2.2 (20)	600.2 (1)	156.3 (49)	65.5 (1)	11.8 (48)	75.0 (36)	100.0 (1)	64.3 (4)
WLHJ19 CHERYLTON GRASSMASTER J19	39.1 (37)	279.5 (25)	249.6 (11)	372.7 (15)	537.6 (42)	312.0 (45)	62.6 (35)	6.5 (35)	10.0 (26)	5.6 (40)	421.1 (25)	87.3 (27)	9.5 (11)	-2.0 (25)	466.7 (18)	145.7 (19)	64.1 (20)	18.8 (45)	73.3 (40)	93.3 (36)	35.7 (29)
WLHJ20 CHERYLTON RAVEN J20	41.9 (48)	281.3 (42)	255.7 (2)	379.7 (5)	582.7 (4)	312.1 (46)	63.3 (23)	7.1 (15)	9.7 (32)	5.9 (19)	433.8 (15)	86.8 (28)	9.6 (9)	-2.3 (19)	480.5 (12)	144.1 (16)	64.4 (14)	25.0 (39)	81.8 (30)	100.0 (1)	27.3 (40)
VCCH185 COOLANA H185	34.9 (1)	278.2 (15)	241.7 (35)	365.2 (28)	553.4 (33)	303.9 (33)	62.5 (37)	6.4 (39)	9.6 (37)	5.8 (27)	443.0 (4)	86.7 (30)	8.9 (17)	-1.9 (31)	444.1 (29)	143.0 (12)	64.1 (20)	28.6 (36)	73.7 (39)	94.7 (30)	29.4 (37)
VCCH36 COOLANA NEW DAY H36	37.4 (19)	279.7 (26)	244.3 (24)	373.7 (13)	563.7 (18)	301.5 (26)	62.9 (29)	6.4 (39)	10.5 (14)	5.8 (27)	424.2 (20)	86.0 (33)	8.6 (24)	-2.4 (17)	458.6 (21)	149.9 (34)	63.7 (31)	50.0 (9)	62.5 (45)	91.7 (41)	31.8 (33)
WDCH249 COONAMBLE HECTOR H249	37.0 (15)	277.1 (5)	243.9 (26)	358.9 (40)	553.6 (31)	292.6 (4)	65.9 (4)	8.2 (2)	10.7 (12)	5.9 (19)	421.8 (23)	89.8 (14)	8.1 (34)	-2.7 (8)	423.2 (36)	143.7 (13)	63.8 (29)	81.0 (1)	84.2 (24)	100.0 (1)	22.2 (43)
NZE18681012006 FOSSIL CREEK HERO H006	36.8 (11)	279.8 (27)	241.9 (34)	350.6 (46)	536.0 (44)	304.6 (35)	63.0 (27)	6.3 (41)	11.2 (3)	6.0 (10)	406.3 (42)	86.0 (33)	8.0 (36)	-1.4 (46)	412.6 (41)	147.0 (23)	62.9 (45)	35.7 (26)	92.3 (9)	100.0 (1)	44.0 (22)
NZE1215401213 GLANWORTH WAIGROUP 1213	35.8 (4)	278.5 (19)	239.9 (41)	358.5 (42)	568.3 (15)	300.6 (23)	65.7 (5)	8.0 (4)	11.0 (5)	6.0 (10)	417.1 (34)	86.6 (31)	8.6 (24)	-1.8 (37)	428.5 (33)	155.0 (48)	63.3 (38)	51.9 (8)	95.0 (6)	100.0 (1)	25.0 (41)
QBGM16+92 GLENOCH MEGAFORCE	40.5 (47)	281.5 (45)	241.0 (38)	358.7 (41)	556.1 (26)	290.5 (2)	61.9 (44)	7.0 (18)	10.1 (23)	5.9 (19)	420.7 (28)	88.0 (22)	8.8 (20)	-2.2 (20)	473.5 (15)	135.9 (3)	64.9 (5)	45.8 (13)	100.0 (1)	95.7 (26)	45.5 (20)
QBGM16+92 GLENOCH MEGAFORCE+92	40.5 (47)	281.5 (45)	241.0 (38)	358.7 (41)	556.1 (26)	290.5 (2)	61.9 (44)	7.0 (18)	10.1 (23)	5.9 (19)	420.7 (28)	88.0 (22)	8.8 (20)	-2.2 (20)	473.5 (15)	135.9 (3)	64.9 (5)	45.8 (13)	100.0 (1)	95.7 (26)	45.5 (20)
VICG43 IRELANDS GALAXY G43	39.1 (37)	280.8 (38)	244.8 (23)	363.7 (32)	557.4 (25)	308.6 (42)	63.7 (20)	6.2 (43)	10.3 (18)	5.6 (40)	417.4 (33)	88.8 (19)	7.2 (47)	-1.6 (40)	384.8 (47)	147.8 (29)	63.0 (42)	20.6 (44)	88.2 (12)	100.0 (1)	15.2 (48)
NZE14647010F031 MATAURI OUTLIER F031	38.1 (28)	280.3 (34)	248.5 (14)	374.1 (11)	550.4 (36)	302.9 (30)	61.9 (44)	7.0 (18)	10.2 (20)	5.8 (27)	403.2 (44)	83.8 (42)	8.7 (23)	-2.0 (25)	466.7 (18)	139.8 (7)	64.6 (7)	37.9 (22)	96.4 (3)	92.9 (38)	25.0 (41)
NMMH250 MILLAH MURRAH HERCULES H250	38.3 (30)	280.4 (36)	238.0 (44)	360.9 (36)	553.6 (31)	300.5 (21)	63.6 (21)	5.9 (45)	8.5 (46)	5.9 (19)	421.0 (27)	86.5 (32)	9.3 (13)	-2.0 (25)	475.3 (14)	131.8 (2)	65.2 (4)	34.3 (30)	86.2 (19)	96.6 (17)	69.2 (2)
NMMJ137 MILLAH MURRAH JACKPOT J137	39.8 (45)	279.8 (27)	251.9 (5)	383.2 (2)	587.9 (3)	300.1 (19)	65.5 (6)	6.8 (23)	10.1 (23)	6.0 (10)	434.8 (14)	89.7 (15)	7.5 (43)	-3.0 (2)	402.0 (44)	154.8 (47)	62.6 (47)	25.0 (39)	69.2 (42)	100.0 (1)	48.0 (17)

Angus Sire Benchmarking Program - Cohort 5

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
NJWH194 MILWILLAH ELEVATOR H194	37.9 (27)	280.9 (40)	242.1 (33)	366.4 (25)	537.6 (42)	297.6 (12)	62.7 (33)	6.8 (23)	10.2 (20)	5.7 (38)	398.2 (45)	85.2 (37)	7.6 (41)	-2.8 (5)	363.8 (48)	141.2 (10)	62.6 (47)	40.0 (20)	100.0 (1)	94.7 (30)	52.6 (14)
NJWH283 MILWILLAH ELSOM H283	37.4 (19)	281.4 (43)	245.7 (20)	369.7 (18)	572.9 (10)	316.1 (48)	67.2 (1)	6.7 (27)	9.8 (30)	6.0 (10)	437.8 (8)	93.2 (2)	7.8 (37)	-1.9 (31)	446.4 (27)	143.7 (13)	63.8 (29)	41.7 (19)	77.3 (35)	100.0 (1)	52.4 (15)
NWMH162 MUNDOO HOT STUFF H162	37.8 (26)	280.6 (37)	247.7 (16)	367.3 (22)	554.1 (28)	306.0 (39)	63.1 (26)	5.8 (47)	9.7 (32)	5.2 (48)	405.9 (43)	90.2 (9)	7.3 (46)	-2.8 (5)	413.9 (39)	138.2 (5)	63.6 (33)	59.3 (3)	84.0 (25)	100.0 (1)	31.8 (33)
CSWH211 MURDEDUKE HUSSAR H211	39.2 (41)	277.9 (13)	255.1 (3)	375.7 (10)	581.0 (5)	298.9 (16)	64.9 (10)	6.3 (41)	8.5 (46)	5.9 (19)	439.9 (6)	85.7 (35)	8.1 (34)	-3.2 (1)	452.6 (24)	150.7 (36)	64.0 (25)	45.5 (14)	95.7 (5)	95.7 (26)	38.1 (27)
NURJ94 MURRAY INGENUITY J94	37.0 (15)	277.5 (8)	243.2 (28)	366.7 (24)	557.7 (24)	301.0 (25)	67.0 (2)	7.2 (12)	11.1 (4)	6.2 (5)	418.7 (32)	91.3 (5)	9.0 (15)	-1.6 (40)	387.1 (46)	144.0 (15)	63.1 (40)	14.3 (47)	81.0 (31)	100.0 (1)	38.9 (26)
HKFJ87 PARINGA ABSOLUTE J87	36.5 (9)	276.2 (2)	242.7 (30)	360.1 (37)	541.2 (40)	302.7 (28)	62.9 (29)	7.7 (6)	10.2 (20)	6.0 (10)	422.4 (21)	90.3 (7)	10.1 (7)	-2.2 (20)	504.3 (6)	147.0 (23)	64.6 (7)	37.0 (24)	88.0 (13)	100.0 (1)	52.0 (16)
NZE1199001064 PINEBANK 64/10	37.0 (15)	278.6 (20)	239.4 (42)	362.4 (35)	533.6 (45)	293.1 (5)	62.7 (33)	7.1 (15)	9.7 (32)	5.8 (27)	413.8 (36)	90.1 (10)	8.5 (28)	-2.7 (8)	435.2 (30)	141.3 (11)	64.2 (19)	23.5 (41)	87.5 (14)	93.8 (34)	20.0 (45)
NORH7 RENNYLEA H7	37.5 (22)	277.5 (8)	242.2 (31)	365.0 (29)	553.8 (30)	298.1 (14)	63.3 (23)	6.5 (35)	10.9 (8)	5.6 (40)	416.2 (35)	88.5 (20)	8.3 (33)	-2.9 (4)	457.2 (22)	148.8 (32)	64.0 (25)	48.1 (10)	88.5 (11)	96.2 (21)	65.2 (3)
NORH708 RENNYLEA H708	38.7 (35)	282.7 (48)	241.4 (36)	369.8 (17)	561.2 (20)	295.8 (8)	64.9 (10)	6.9 (20)	9.3 (41)	6.3 (2)	421.1 (25)	90.4 (6)	12.0 (1)	-1.4 (46)	579.0 (2)	148.4 (31)	65.5 (1)	40.0 (20)	83.3 (28)	95.8 (25)	36.4 (28)
NORJ140 RENNYLEA J140	39.9 (46)	282.9 (49)	251.4 (9)	383.4 (1)	592.1 (2)	303.5 (31)	66.5 (3)	6.9 (20)	9.6 (37)	6.4 (1)	445.9 (2)	90.3 (7)	10.1 (7)	-2.4 (17)	500.3 (8)	153.8 (44)	64.4 (14)	42.3 (18)	84.6 (22)	96.2 (21)	17.4 (47)
TRHG4 RICHMOND HILL FINALE G4	38.5 (33)	277.3 (7)	243.8 (27)	364.1 (30)	554.0 (29)	305.6 (36)	62.6 (35)	6.5 (35)	9.6 (37)	5.8 (27)	419.4 (30)	85.2 (37)	10.6 (5)	-1.9 (31)	498.4 (9)	147.6 (26)	64.5 (10)	32.0 (31)	87.5 (14)	100.0 (1)	62.5 (5)
VRBJ297 RIDDELLVUE J297	38.6 (34)	280.0 (31)	250.7 (10)	376.9 (8)	577.3 (7)	310.6 (44)	63.8 (18)	6.5 (35)	9.7 (32)	5.8 (27)	435.6 (13)	87.9 (23)	7.6 (41)	-2.6 (13)	424.1 (35)	147.7 (28)	63.9 (28)	44.4 (15)	50.0 (48)	100.0 (1)	56.0 (11)
VRBJ297 RIDDELLVUE JUSTICE J297	38.6 (34)	280.0 (31)	250.7 (10)	376.9 (8)	577.3 (7)	310.6 (44)	63.8 (18)	6.5 (35)	9.7 (32)	5.8 (27)	435.6 (13)	87.9 (23)	7.6 (41)	-2.6 (13)	424.1 (35)	147.7 (28)	63.9 (28)	44.4 (15)	50.0 (48)	100.0 (1)	56.0 (11)
NZE145720100104 RISSINGTON PROMINENT 100104	36.1 (5)	281.4 (43)	251.7 (6)	367.1 (23)	566.2 (16)	299.2 (17)	63.8 (18)	6.8 (23)	11.0 (5)	6.0 (10)	436.1 (11)	89.9 (13)	8.9 (17)	-2.5 (15)	478.2 (13)	126.3 (1)	65.5 (1)	29.2 (34)	62.5 (45)	70.8 (48)	19.0 (46)
NZE145720120992 RISSINGTON RESOLUTE 120992	36.5 (9)	282.0 (46)	245.7 (20)	368.6 (20)	551.3 (35)	310.3 (43)	65.5 (6)	8.4 (1)	11.9 (1)	6.1 (7)	419.1 (31)	86.8 (28)	7.5 (43)	-1.6 (40)	447.8 (26)	144.9 (18)	64.5 (10)	30.8 (32)	75.0 (36)	83.3 (46)	41.7 (24)
NZE19507012H41 STORTH OAKS H41	36.9 (13)	278.2 (15)	244.0 (25)	366.4 (25)	550.3 (37)	297.2 (11)	62.9 (29)	6.7 (27)	10.8 (9)	5.6 (40)	411.0 (39)	90.1 (10)	7.8 (37)	-1.5 (44)	496.5 (10)	147.0 (23)	64.1 (20)	46.4 (12)	92.6 (8)	96.3 (20)	40.0 (25)
VSNG34 STRATHEWEN BERKLEY G34	37.2 (18)	277.5 (8)	251.7 (6)	376.3 (9)	569.5 (14)	305.9 (38)	64.6 (12)	7.5 (8)	10.7 (12)	6.1 (7)	437.3 (9)	87.9 (23)	8.6 (24)	-2.2 (20)	473.3 (16)	152.6 (41)	64.5 (10)	34.6 (28)	72.0 (41)	96.0 (24)	62.5 (5)
WJYJ28 STRATHTAY EQUATOR J28	37.6 (23)	277.0 (4)	248.0 (15)	368.2 (21)	569.6 (13)	312.4 (47)	62.1 (41)	6.6 (33)	9.2 (42)	6.0 (10)	429.3 (17)	85.2 (37)	9.2 (14)	-3.0 (2)	445.9 (28)	149.5 (33)	63.7 (31)	36.8 (25)	83.3 (28)	94.4 (32)	27.8 (39)
NZE16932011553 TE MANIA 11 553	38.1 (28)	280.8 (38)	240.2 (40)	363.1 (34)	547.5 (38)	302.7 (28)	64.3 (14)	7.3 (10)	10.3 (18)	6.2 (5)	422.3 (22)	90.1 (10)	10.3 (6)	-1.9 (31)	502.2 (7)	151.1 (39)	64.4 (14)	27.6 (38)	69.0 (43)	96.6 (17)	42.9 (23)
VTMA149 TE MANIA ADA A149	39.7 (43)	280.0 (31)	247.1 (18)	380.0 (4)	577.2 (8)	296.6 (9)	62.4 (38)	5.8 (47)	9.9 (29)	5.6 (40)	441.3 (5)	87.8 (25)	7.8 (37)	-2.8 (5)	415.2 (38)	150.3 (35)	63.2 (39)	57.1 (5)	85.7 (20)	95.2 (28)	47.4 (18)
VTTJ26 TIBOOBURRA IMPACT J26	38.7 (35)	282.5 (47)	245.0 (22)	359.6 (38)	558.0 (23)	288.7 (1)	63.3 (23)	5.9 (45)	8.8 (45)	5.9 (19)	437.0 (10)	87.4 (26)	9.6 (9)	-1.9 (31)	471.8 (17)	145.8 (20)	64.1 (20)	28.6 (36)	84.6 (22)	96.2 (21)	54.2 (12)
NZE12922011238 TOTARANUI 238	36.8 (11)	279.2 (23)	249.5 (12)	372.1 (16)	559.5 (22)	302.5 (27)	65.5 (6)	7.1 (15)	10.5 (14)	6.3 (2)	421.4 (24)	89.7 (15)	11.1 (2)	-1.5 (44)	506.3 (5)	147.8 (29)	64.5 (10)	57.1 (5)	93.1 (7)	93.1 (37)	60.0 (8)

Angus Sire Benchmarking Program - Cohort 5

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
NDAH468 TRANGIE H468	36.1 (5)	281.2 (41)	227.7 (47)	345.2 (47)	516.3 (47)	308.1 (40)	62.1 (41)	8.2 (2)	11.0 (5)	5.8 (27)	396.2 (46)	83.8 (42)	8.4 (30)	-2.0 (25)	410.5 (42)	154.1 (46)	62.9 (45)	47.4 (11)	86.7 (18)	80.0 (47)	21.4 (44)
NDAH508 TRANGIE H508	39.1 (37)	279.9 (29)	224.1 (48)	343.1 (48)	515.2 (48)	294.8 (7)	62.3 (39)	6.6 (33)	9.1 (44)	5.5 (46)	394.4 (47)	92.1 (4)	8.4 (30)	-2.2 (20)	405.6 (43)	146.3 (22)	63.4 (37)	23.3 (42)	85.7 (20)	95.2 (28)	35.0 (30)
NZE17691009E5 TURIHAUA CRUMP E5 (ET)	37.4 (19)	279.2 (23)	232.1 (46)	353.5 (44)	540.0 (41)	300.0 (18)	61.5 (47)	6.8 (23)	10.1 (23)	5.6 (40)	389.5 (48)	83.8 (42)	7.7 (40)	-2.0 (25)	400.1 (45)	144.3 (17)	63.1 (40)	61.1 (2)	80.0 (33)	85.0 (44)	31.6 (36)
BNAD81 TUWHARETOA D81	38.4 (31)	277.2 (6)	242.2 (31)	369.5 (19)	578.0 (6)	296.8 (10)	65.2 (9)	6.1 (44)	8.5 (46)	5.8 (27)	449.5 (1)	93.0 (3)	8.8 (20)	-1.7 (38)	507.7 (4)	146.0 (21)	64.6 (7)	44.4 (15)	80.8 (32)	92.3 (39)	79.2 (1)
NWPJ3 WATTLETOP JASPER J3	36.9 (13)	277.7 (11)	240.6 (39)	353.5 (44)	570.7 (12)	297.8 (13)	64.3 (14)	6.7 (27)	9.2 (42)	5.8 (27)	438.7 (7)	89.7 (15)	8.8 (20)	-1.6 (40)	452.3 (25)	153.0 (42)	63.0 (42)	22.2 (43)	87.5 (14)	93.8 (34)	60.0 (8)
VHWJ1 WEERAN JIMMY J1	36.1 (5)	278.4 (17)	246.6 (19)	373.8 (12)	555.3 (27)	300.6 (23)	64.1 (16)	6.9 (20)	9.8 (30)	6.0 (10)	410.9 (40)	82.2 (46)	8.6 (24)	-2.7 (8)	434.5 (31)	138.1 (4)	64.1 (20)	29.2 (34)	87.0 (17)	91.3 (42)	31.8 (33)

8.1.6 ASBP Cohort 6 Progeny Performance Report

AngusSire™
Benchmarking Program

PROGENY PERFORMANCE REPORT

COHORT 6

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 Feedlot
John Dee Abattoir
University of New England (UNE)
Vetoquinol

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.
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James Stephens, Charles Sturt University, Wagga Wagga, NSW.
Douglas Lithgow, Swanpool, VIC, 3673
Bruce 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	ABI	DOM	GRN	GRS
NXOL172	**AJC L172** [SV]				+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
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
ABI	Angus Breeding Index
DOM	Domestic Index
GRN	Heavy Grain Index
GRS	Heavy Grass 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 6
Mid December 2020 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	ABI	DOM	GRN	GRS
NXOE91	**AJC E91** PV				+10.6	+2.6	-3.8	+5.5	+48	+79	+113	+100	+17	+2.0	-6.8	+59	+4.5	+0.4	+0.2	-1.6	+5.0	+0.47	-12	+1.10	+0.96	$116	$90	$150	$107
VLYZ191	APR	9	331	35	78%	63%	97%	98%	96%	96%	96%	95%	93%	91%	64%	91%	86%	90%	88%	85%	87%	81%	80%	82%	82%				
NXOC626					4	52	62	79	55	79	54	49	44	46	17	74	73	32	31	99	1	84	96	76	73	34	65	17	43
WJMJ27	**ARDCAIRNIE J27** SV				+10.5	+11.5	-8.6	+2.5	+57	+101	+140	+134	+11	+0.7	-5.6	+95	+3.4	+2.3	+0.5	-1.2	+1.8	+0.42	-14	+1.08	+0.84	$115	$104	$117	$113
USA15354674	HBR	8	149	38	65%	53%	96%	96%	94%	94%	95%	90%	86%	87%	64%	91%	89%	91%	89%	89%	88%	85%	83%	86%	86%				
WJMG96					4	1	5	13	10	12	6	5	93	93	34	1	88	4	24	97	55	80	97	72	49	36	45	38	35
NAQH255	**ARDROSSAN HONOUR H255** PV				-1.7	-5.1	-3.2	+4.4	+45	+77	+102	+89	+12	+2.0	-6.1	+61	+5.0	+1.2	-0.6	+0.7	+2.7	+0.88	-10	+1.10	+0.56	$103	$98	$107	$101
NORE11	HBR	54	1184	28	89%	73%	99%	99%	98%	98%	98%	97%	97%	98%	75%	95%	94%	95%	94%	93%	93%	91%	97%	95%	95%				
NAQD17					77	96	72	54	73	83	78	70	88	46	26	67	64	14	54	40	23	99	94	76	6	49	54	45	50
HIOG11	**AYRVALE GENETIC G11** PV				-4.8	-18.8	-5.8	+5.2	+65	+117	+160	+133	+20	+1.5	-4.7	+75	+2.2	-3.1	-1.5	+0.6	+2.1	-0.01	+21	+1.02	+1.14	$139	$117	$162	$132
SEWD138	HBR	39	335	0	74%	60%	98%	97%	96%	96%	96%	95%	92%	93%	59%	91%	89%	90%	89%	87%	88%	81%	87%	87%	87%				
HIOE2					89	99	29	73	2	1	1	6	21	71	51	15	96	99	78	45	42	26	10	59	93	15	28	12	16
ECMJ137	**BANNABY ABERDEEN J137** PV				-5.2	+4.1	-9.7	+8.3	+59	+112	+155	+160	+18	+0.7	-1.3	+69	+6.0	-3.0	-5.5	+2.4	-0.2	-0.54	+2	+0.94	+0.92	$31	$43	$5	$46
USA15840414	HBR	8	52	0	62%	51%	93%	92%	90%	90%	90%	84%	82%	81%	66%	88%	87%	89%	87%	87%	86%	82%	83%	87%	87%				
CCVB227					90	38	2	99	7	3	2	1	39	93	95	34	46	99	99	2	99	1	67	39	66	96	96	96	94
ECMJ56	**BANNABY DAIQUIRI J56** PV				+4.8	+2.5	-5.5	+5.0	+37	+70	+91	+80	+19	+4.0	-10.5	+41	+1.2	+1.5	+4.5	-2.4	+4.6	+0.13	+10	+1.06	+0.76	$102	$95	$113	$98
VTMD19	HBR	8	54	0	58%	49%	93%	92%	88%	89%	90%	83%	79%	81%	64%	87%	86%	89%	86%	85%	86%	82%	82%	86%	86%				
CCVC240					33	53	33	69	95	94	93	83	28	2	1	99	99	10	1	99	1	44	37	68	32	50	58	41	54
HCAF49	**BOONAROO FEDERATION F49** PV				+13.5	+7.8	-10.5	+1.9	+43	+85	+122	+113	+30	+1.0	-3.9	+71	+1.7	+0.3	-3.9	+0.1	+0.4	-0.05	-14	+1.18	+0.90	$34	$38	$10	$42
VTMB1	HBR	9	181	0	67%	55%	95%	96%	94%	95%	93%	89%	91%	93%	67%	91%	90%	92%	90%	88%	89%	85%	90%	91%	90%				
HCAB29					1	10	1	7	79	58	31	23	1	88	67	26	98	35	99	69	96	22	97	87	62	95	97	95	95
NGMK9	**BOOROOMOOKA KINGY K9** PV				-5.5	-7.8	-2.0	+6.4	+49	+88	+118	+125	+18	+2.6	-11.6	+71	+7.8	+0.8	-0.3	+0.1	+4.2	+0.46	-4	+0.94	+0.64	$110	$97	$126	$105
BNAD145	HBR	8	394	34	70%	61%	96%	97%	95%	96%	96%	91%	88%	93%	66%	89%	88%	89%	87%	87%	86%	81%	96%	93%	93%				
NGMA281					91	99	87	92	47	48	40	11	41	21	1	28	20	21	45	69	2	84	82	39	12	41	55	31	45
BOWK2	**BOWMAN AUSTRALIA K2** PV				+6.6	+4.4	-6.9	+3.6	+49	+95	+119	+109	+20	+4.5	-10.2	+72	+6.4	+0.6	-0.9	+0.9	+2.0	-0.44	+18	+0.86	+0.66	$120	$127	$111	$122
VTME343	HBR	8	83	19	59%	52%	92%	88%	86%	86%	87%	82%	78%	75%	67%	86%	84%	87%	85%	83%	85%	80%	80%	83%	83%				
NAQZ31					20	35	15	34	49	26	38	31	23	1	1	23	39	26	63	31	47	2	14	22	15	30	18	42	25
AMQH29	**BROOKLANA DREAM H29** PV				-6.0	-1.9	-4.9	+6.2	+44	+75	+98	+84	+14	+1.7	-2.8	+50	+9.3	-3.8	-2.6	+3.2	+0.8	+0.03	+11	+1.18	+0.96	$69	$80	$48	$77
USA24J	HBR	8	83	3	64%	55%	93%	92%	90%	90%	90%	84%	80%	79%	65%	88%	86%	89%	86%	87%	86%	83%	81%	84%	84%				
CCVB251					92	85	43	89	76	88	85	78	74	61	84	93	9	99	94	1	90	31	33	87	73	81	76	84	77
AMQH64	**BROOKLANA HI TOWER H64** PV				-4.0	+0.9	-0.2	+5.5	+52	+100	+140	+134	+18	+1.7	-2.0	+75	+6.3	+1.6	-0.4	-0.2	+2.3	+0.67	+15	+1.08	+0.74	$65	$58	$61	$67
VTME343	HBR	8	55	1	62%	52%	93%	91%	88%	88%	89%	82%	76%	74%	63%	86%	84%	88%	85%	83%	84%	81%	80%	83%	83%				
AMQF27					87	67	97	79	27	13	7	5	36	61	91	16	40	9	48	79	35	95	23	72	27	84	92	78	85
AMQJ64	**BROOKLANA TM EMPEROR J64** PV				-1.7	-4.2	-8.2	+8.5	+66	+123	+171	+177	+13	+2.9	-4.3	+98	+3.8	-0.4	-0.6	+1.1	+0.5	-0.51	-12	+0.88	+0.94	$77	$77	$55	$86
VTME343	HBR	8	55	1	60%	51%	94%	91%	88%	89%	90%	82%	74%	78%	64%	89%	87%	90%	87%	87%	87%	85%	83%	87%	86%				
NJGE17					77	94	7	99	1	1	1	1	85	13	59	1	83	58	54	24	95	2	95	26	69	76	79	81	69
NRZH028	**CLEA H028** SV				+9.7	+6.8	-7.2	+1.8	+38	+75	+94	+70	+24	+0.8	-4.2	+59	+12.0	+1.1	-0.7	+0.8	+4.2	+0.17	+9	+0.90	+0.70	$129	$120	$156	$124
NORC511	APR	9	45	0	59%	49%	94%	91%	87%	87%	89%	82%	75%	75%	65%	88%	87%	90%	87%	88%	87%	85%	81%	84%	84%				
NRZA019					6	16	13	7	94	87	91	93	4	92	61	75	2	15	57	36	2	49	40	30	20	22	25	15	23
NIWJ202	**COFFIN CREEK JOKER J202** PV				-5.8	-2.6	-4.8	+7.2	+47	+91	+131	+133	+13	+4.0	-2.7	+67	+4.4	+0.4	+2.2	+1.1	+0.5	-0.59	+8	+0.96	+1.04	$31	$38	$-5	$51
NMMD211	HBR	8	58	6	55%	40%	92%	92%	89%	89%	90%	85%	77%	82%	55%	87%	85%	88%	85%	86%	84%	81%	85%	83%	83%				
NIWC22					92	88	45	97	62	37	16	6	83	2	85	40	75	32	4	24	95	1	44	44	84	96	97	97	93
	Breed Average EBVs				**+2.0**	**+2.5**	**-4.5**	**+4.2**	**+48**	**+87**	**+114**	**+99**	**+17**	**+2.0**	**-4.8**	**+65**	**+6.0**	**-0.1**	**-0.4**	**+0.5**	**+2.0**	**+0.18**	**+6**	**+0.98**	**+0.85**	**+100**	**+100**	**+100**	**+100**

Angus Australia - Sire Benchmarking Program - Cohort 6
Mid December 2020 TransTasman Angus Cattle Evaluation

Ident / Sire / Dam	Name / Reg.	Statistics: Num Herd	Prog	Prog 2Yr.	Calv-Ease: Dir	Calv-Ease: Dtrs	Birth: GL	Birth: BW	Growth: 200	Growth: 400	Growth: 600	Growth: MCW	Growth: Milk	Fert: SS	Fert: DC	Carcase: CW	Carcase: EMA	Carcase: Rib	Carcase: P8	Carcase: RBY	Carcase: IMF	Feed: NFI-F	Temp: Doc	Structural: Angle	Structural: Claw	Selection Index: ABI	Selection Index: DOM	Selection Index: GRN	Selection Index: GRS
VCCK026	**COOLANA CONVERSION - K026** PV				+7.6	+0.2	-4.8	+1.0	+36	+62	+72	+63	+16	+1.1	-7.7	+35	+4.9	+0.5	+0.6	-1.0	+3.4	-0.44	-7	+0.90	+0.78	$98	$101	$111	$89
USA16262077	HBR	17	127	0	62%	52%	95%	95%	90%	91%	91%	85%	79%	89%	62%	88%	86%	88%	86%	85%	85%	82%	83%	85%	85%				
VCCD136					15	73	45	3	97	99	99	96	60	85	8	99	66	29	22	95	10	2	89	30	36	55	50	42	65
WDCJ266	**COONAMBLE JUNIOR J266** PV				-6.5	-5.1	-0.9	+5.5	+55	+101	+141	+130	+20	+2.0	-5.1	+99	+7.9	-3.8	-3.8	+2.7	+3.0	-0.34	-4	+0.76	+0.86	$121	$104	$135	$120
BNAD145	HBR	18	490	133	73%	61%	98%	98%	96%	96%	96%	91%	89%	93%	68%	90%	89%	90%	88%	87%	88%	82%	92%	91%	91%				
WHHA61					93	96	94	79	16	11	6	7	19	46	44	1	19	99	99	1	17	5	83	8	53	29	45	25	27
CWDH42	**DAVID'S HARVEY ALLBANGER H42** SV				-4.2	+0.9	-4.1	+5.8	+43	+75	+104	+93	+21	+2.3	+1.1	+38	+9.3	-1.5	-1.2	+2.5	+0.1	-0.41	-1	+1.24	+1.04	$29	$41	$0	$42
VTMD19	HBR	8	102	0	61%	50%	93%	93%	89%	89%	91%	85%	81%	84%	65%	88%	86%	89%	87%	87%	86%	81%	83%	84%	84%				
CWDB402					87	67	57	84	79	87	75	62	15	32	99	99	9	88	71	2	99	3	76	93	84	96	97	96	95
EDUJ41	**DENHOLM GLEN G10 BARTEL J41** PV				+10.5	+9.7	-5.6	+2.0	+42	+81	+99	+58	+24	+2.8	-8.3	+42	+8.1	-2.0	+0.8	+1.6	+1.7	-0.23	+12	+0.84	+0.90	$159	$161	$156	$160
HIOE7	HBR	11	71	0	60%	49%	95%	92%	90%	90%	91%	83%	76%	77%	67%	90%	89%	91%	89%	88%	88%	87%	88%	90%	89%				
EDUG10					4	3	32	8	83	72	84	98	5	15	5	98	17	94	18	10	60	9	32	18	62	6	2	15	4
NGCJ267	**DULVERTON JACKPOT J267** SV				-9.7	-7.3	-5.5	+7.9	+54	+97	+140	+156	+6	+2.3	-4.3	+74	+3.3	-0.8	-2.1	+0.9	+2.1	+0.41	+11	+1.20	+0.90	$39	$36	$23	$47
NGMF510	HBR	20	187	0	64%	50%	96%	96%	92%	93%	93%	88%	84%	91%	61%	88%	86%	88%	86%	85%	85%	80%	81%	83%	83%				
NGCB112					98	98	33	99	20	20	7	1	99	32	59	18	88	71	89	31	42	79	34	90	62	94	98	92	94
BHRH744	**DUNOON HIGHPOINT H744** SV				-7.4	-7.1	-3.8	+6.8	+56	+96	+131	+130	+18	+3.1	-5.9	+87	+5.4	-2.0	-1.5	+2.1	+1.3	-0.83	+12	+0.78	+0.62	$87	$84	$77	$89
BNAD145	HBR	15	217	18	69%	57%	97%	96%	94%	94%	95%	89%	87%	93%	66%	90%	89%	90%	88%	87%	88%	83%	91%	86%	86%				
BHRD202					95	98	62	95	13	23	15	7	41	9	29	2	57	94	78	4	76	1	30	10	10	67	72	68	65
QFCF23	**GK 26 FEDERER F23** PV				-16.1	-1.7	-0.5	+7.0	+52	+88	+111	+107	+9	+1.3	-2.2	+52	+2.0	-0.3	-1.0	+1.0	-0.8	-0.21	+25	+0.88	+1.16	$11	$37	$-23	$21
CAN1237972	HBR	10	92	0	55%	39%	93%	91%	90%	90%	91%	83%	79%	71%	53%	87%	85%	88%	85%	84%	84%	78%	76%	79%	78%				
QIRR512+96					99	84	96	96	29	49	58	35	97	78	89	90	97	55	66	27	99	10	6	26	95	98	97	98	99
SJKJ42	**GRANITE RIDGE JUPITER J42** SV				+8.2	+10.9	-7.3	+2.8	+51	+101	+135	+133	+21	+5.0	-3.6	+64	+5.7	-1.0	+0.1	+1.1	+1.4	-0.21	-8	+1.02	+1.00	$89	$92	$76	$97
USA15848590	HBR	8	214	6	59%	46%	94%	95%	95%	93%	91%	85%	86%	89%	59%	87%	86%	88%	85%	86%	85%	78%	80%	81%	81%				
SJKD141					12	1	12	18	36	13	11	6	14	1	72	55	51	77	34	24	72	10	91	59	79	65	62	69	56
DKKJ516	**HARDHAT GM AGRONOMIST Y21**				-10.1	-8.8	-0.3	+5.9	+45	+83	+100	+82	+12	+1.3	-2.0	+54	+7.8	-0.6	-0.8	+0.7	+2.0	-0.25	-11	+1.08	+0.92	$60	$74	$52	$59
USA16027094	HBR	8	47	0	56%	44%	93%	90%	87%	88%	89%	81%	72%	79%	59%	86%	85%	88%	85%	85%	85%	80%	82%	87%	87%				
NKLY21					98	99	96	86	71	66	83	82	89	78	91	86	20	65	60	40	47	8	94	72	66	87	82	82	89
DKKJ518	**HARDHAT GM GRASS RANGE Y21**				-4.0	-5.2	-4.3	+5.4	+42	+72	+94	+75	+12	+1.2	+0.1	+55	+13.0	-2.1	-1.8	+2.5	+1.0	-0.19	-1	+1.10	+1.04	$62	$73	$44	$69
USA16027094	HBR	9	169	34	56%	44%	90%	93%	91%	91%	91%	82%	76%	81%	58%	88%	85%	88%	85%	85%	85%	81%	76%	85%	85%				
NKLY21					87	96	53	77	82	91	90	89	87	82	98	84	1	95	84	2	85	11	75	76	84	86	82	86	84
NMMK35	**MILLAH MURRAH KINGDOM K35** PV				-14.1	-6.4	-2.8	+8.8	+55	+98	+138	+132	+10	+0.9	-5.2	+62	+7.4	-1.1	-0.4	+1.2	-0.5	-0.64	+14	+1.30	+0.82	$35	$46	$-2	$52
NZE469	HBR	102	1542	89	86%	72%	99%	99%	98%	98%	98%	96%	95%	98%	75%	93%	93%	93%	92%	91%	91%	86%	97%	95%	95%				
NMMG41					99	98	78	99	17	17	8	7	95	90	42	63	24	80	48	20	99	1	24	96	44	95	96	97	92
NMMK42	**MILLAH MURRAH KLOONEY K42** PV				+8.5	+5.1	-6.7	+5.7	+47	+90	+109	+86	+22	+2.1	-6.6	+65	+6.5	-0.5	-2.2	+0.8	+2.4	+0.28	+5	+0.80	+0.68	$111	$120	$109	$108
NGMT30	HBR	119	1625	485	86%	69%	99%	99%	98%	98%	98%	95%	94%	98%	71%	93%	92%	93%	92%	89%	91%	85%	97%	93%	93%				
NMMH4					10	29	17	82	58	40	63	75	9	42	19	51	37	62	90	36	32	65	54	13	17	40	25	44	42
CSWJ26	**MURDEDUKE JAMBOREE J26** PV				-3.4	-12.8	-6.4	+6.1	+53	+96	+129	+147	+9	+3.8	-4.8	+77	+3.9	-1.9	-1.4	+0.9	+3.1	-0.43	-10	+1.24	+0.76	$68	$65	$70	$67
NORE11	HBR	8	121	24	64%	53%	95%	95%	92%	93%	92%	85%	78%	88%	66%	89%	87%	90%	87%	85%	87%	83%	93%	92%	92%				
CSWE27					85	99	21	88	23	22	17	2	98	3	49	11	82	93	76	31	14	3	94	93	32	82	88	73	85
NURJ136	**MURRAY GRANDO J136** PV				+6.5	+10.2	-9.2	+4.0	+48	+87	+122	+79	+25	+3.9	-7.2	+70	+11.3	-1.7	-1.6	+2.0	+3.8	+0.74	+4	+1.18	+0.80	$180	$155	$206	$181
NURG20	HBR	11	87	6	58%	46%	94%	93%	90%	90%	91%	86%	78%	82%	62%	87%	85%	88%	85%	86%	85%	80%	89%	91%	90%				
NURF22					21	2	3	43	51	51	31	85	3	2	13	31	3	91	80	5	5	97	60	87	40	2	4	3	1
	Breed Average EBVs				**+2.0**	**+2.5**	**-4.5**	**+4.2**	**+48**	**+87**	**+114**	**+99**	**+17**	**+2.0**	**-4.8**	**+65**	**+6.0**	**-0.1**	**-0.4**	**+0.5**	**+2.0**	**+0.18**	**+6**	**+0.98**	**+0.85**	**+100**	**+100**	**+100**	**+100**

Angus Australia - Sire Benchmarking Program - Cohort 6
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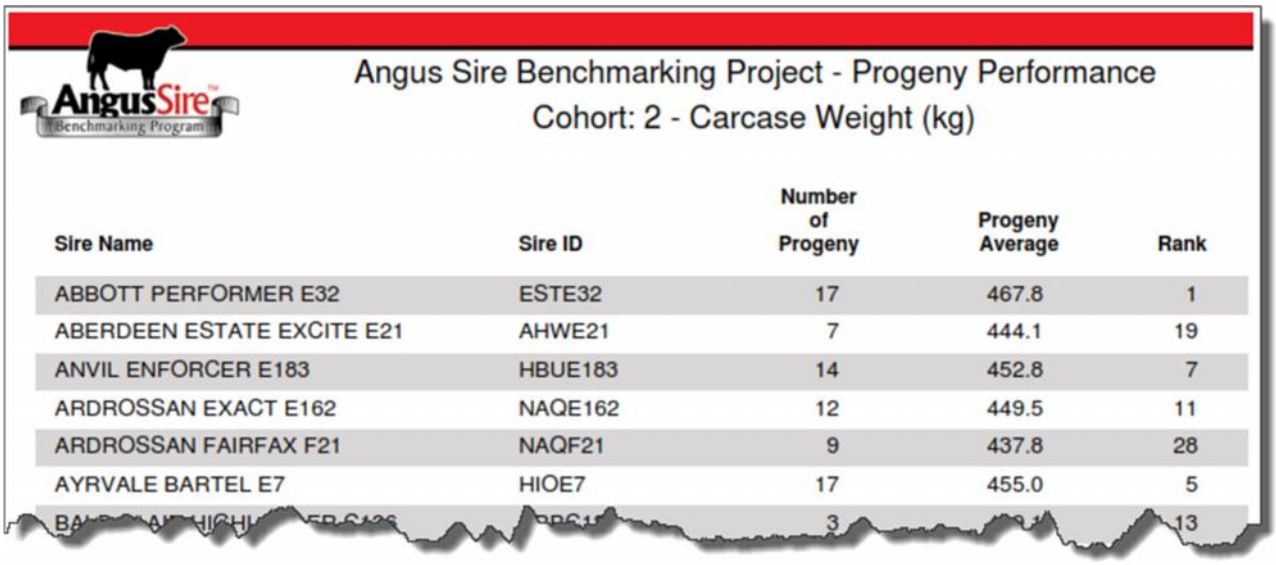
Ident	Name	Statistics			Estimated Breeding Values																									
					Calv-Ease		Birth		Growth					Fert		Carcase							Feed	Temp	Structural		Selection Index			
Sire Dam	Reg.	Num Herd	Prog	Prog 2Yr.	Dir	Dtrs	GL	BW	200	400	600	MCW	Milk	SS	DC	CW	EMA	Rib	P8	RBY	IMF	NFI-F	Doc	Angle	Claw	ABI	DOM	GRN	GRS
NURJ14	**MURRAY JUDGE J14** PV				+5.3	-0.4	-7.5	+4.7	+51	+91	+115	+100	+17	+1.4	-4.9	+83	+8.8	+0.9	-1.0	+0.5	+1.7	+0.26	-18	+0.92	+1.10	$104	$108	$100	$101
USA15719841	HBR	11	110	0	63%	51%	95%	95%	91%	91%	91%	87%	82%	85%	66%	90%	87%	90%	87%	88%	87%	85%	89%	88%	88%				
NURG32					29	77	11	62	34	38	48	48	50	75	47	5	12	19	66	50	60	62	99	35	91	48	40	51	50
SKOJ6	**NEWLYN PARK EMPEROR J6** PV				-8.4	-4.1	-7.9	+7.6	+66	+112	+150	+158	+11	+2.5	-6.6	+85	+6.2	-0.4	-0.6	+1.5	+1.5	-0.39	+11	+0.80	+1.02	$109	$103	$107	$107
VTME343	HBR	9	39	5	59%	50%	91%	89%	85%	85%	86%	81%	72%	71%	62%	83%	81%	85%	82%	80%	81%	76%	77%	83%	83%				
NZCE115					96	93	8	98	1	3	2	1	94	25	19	3	42	58	54	12	68	3	33	13	82	42	47	45	43
USA17585042	**PA RANCH HOUSE 349** PV				+5.5	+4.5	-5.8	+4.0	+51	+92	+116	+82	+27	+0.0	-2.6	+64	+7.4	+0.5	+2.8	+0.2	+2.1	+0.81	-19	+1.18	+1.28	$147	$138	$165	$138
USA16651533	HBR	24	233	6	70%	50%	98%	98%	96%	96%	96%	89%	87%	95%	60%	91%	91%	92%	89%	89%	89%	83%	85%	87%	87%				
USA17193464					28	34	29	43	34	32	46	80	2	99	86	56	24	29	2	64	42	98	99	87	99	10	10	11	12
HKFK146	**PARINGA RED PILBARA K146** PV				+3.1	+1.8	-1.4	+2.8	+30	+59	+58	+22	+11	+1.8	-7.5	+39	+5.3	+0.1	+2.9	-2.1	+4.7	+0.90	+0	+0.96	+0.64	$114	$124	$134	$106
HKFH114	HBR	9	37	0	54%	40%	93%	91%	87%	88%	88%	81%	74%	75%	56%	86%	84%	87%	84%	83%	84%	80%	74%	79%	79%				
HKFG42					46	60	91	18	99	99	99	99	92	56	10	99	59	41	2	99	1	99	72	44	12	37	20	26	44
QRFJ347	**RAFF HINGAIA J347** DV				-0.8	+3.3	-5.4	+7.0	+49	+91	+128	+126	+18	+1.2	+0.0	+81	+14.0	-0.9	-2.6	+2.9	-0.4	-0.42	+17	+1.14	+0.88	$33	$46	$-2	$53
NZE469	HBR	9	142	0	62%	49%	94%	94%	90%	91%	92%	84%	77%	80%	67%	89%	87%	89%	87%	86%	86%	83%	81%	85%	84%				
QRFF14					72	46	35	96	48	38	19	10	42	82	98	6	1	74	94	1	99	3	17	82	57	95	96	97	92
NORH556	**RENNYLEA H556** PV				-0.8	+10.6	-3.1	+3.4	+42	+78	+99	+71	+22	+2.3	-7.3	+59	+9.5	-0.4	+0.0	+0.9	+3.4	-0.06	+3	+0.64	+0.78	$139	$132	$155	$136
NORC574	APR	12	502	7	80%	65%	98%	98%	97%	97%	97%	96%	95%	96%	74%	90%	90%	91%	90%	88%	89%	80%	97%	92%	92%				
NORF909					72	2	73	29	82	79	84	92	10	32	12	73	8	58	37	31	10	21	63	2	36	15	14	15	14
NORK163	**RENNYLEA K163** PV				+7.0	-7.4	-4.3	+1.6	+42	+77	+100	+55	+12	+0.5	-3.5	+63	+17.2	-1.3	-1.2	+2.6	+2.5	+0.23	+11	+0.78	+0.68	$159	$150	$171	$161
NORH106	APR	9	194	30	72%	57%	98%	98%	97%	97%	97%	90%	91%	94%	69%	92%	92%	93%	91%	90%	91%	86%	88%	89%	89%				
NORE176					18	99	53	5	83	82	82	98	88	96	74	59	1	84	71	2	29	58	33	10	17	6	5	9	3
NORK178	**RENNYLEA K178** PV				+2.7	-4.4	-10.1	+4.2	+46	+83	+114	+91	+24	+0.8	-5.1	+69	+16.1	+0.4	+0.2	+2.6	+0.8	-0.69	-9	+0.74	+0.70	$120	$115	$107	$126
NORH106	APR	11	364	29	73%	56%	98%	97%	96%	96%	97%	92%	89%	95%	67%	92%	92%	93%	91%	91%	90%	87%	96%	92%	92%				
NORE535					49	94	2	49	65	65	51	66	5	92	44	36	1	32	31	2	90	1	92	7	20	30	31	45	21
SGMH22	**STONEY POINT HEINEKEN H22** PV				-6.6	-13.4	-3.8	+6.7	+57	+102	+139	+126	+17	+2.3	-5.9	+89	+7.4	-1.6	-1.0	+1.8	+1.2	+0.04	+13	+1.18	+1.10	$101	$96	$92	$104
USA15330743	HBR	15	194	0	65%	53%	94%	96%	94%	94%	94%	90%	88%	92%	67%	89%	88%	90%	88%	85%	87%	82%	88%	88%	88%				
SGMD16					94	99	62	94	10	11	7	10	44	32	29	2	24	89	66	7	79	32	28	87	91	51	57	57	46
NXTJ122	**TWYNAM J122** PV				+0.5	-0.8	-4.3	+5.2	+48	+84	+121	+105	+17	+1.2	-6.1	+82	+5.5	+2.2	-1.3	-0.6	+2.7	+0.08	+1	+0.78	+0.92	$91	$78	$93	$90
NORC574	APR	8	58	0	58%	49%	91%	92%	89%	88%	88%	82%	77%	78%	64%	84%	82%	85%	82%	81%	82%	80%	79%	83%	83%				
NXTC89					64	79	53	73	53	64	32	39	47	82	26	5	55	4	74	90	23	37	69	10	66	63	78	56	64
BSCK61	**WAITARA TB KNOCKOUT K61** PV				+5.5	+5.6	-4.7	+3.4	+59	+111	+143	+115	+17	+1.3	-6.3	+87	+2.3	-2.2	-2.0	-0.5	+2.4	-0.95	+15	+1.00	+1.00	$149	$140	$168	$142
USA16396499	HBR	7	36	0	60%	50%	91%	90%	87%	87%	88%	82%	77%	82%	61%	86%	84%	87%	84%	85%	84%	78%	83%	87%	86%				
BSCZ66					28	25	46	29	7	3	5	21	47	78	23	3	95	96	87	88	32	1	23	54	79	9	9	10	10
CWDJ17	**WEATHERLY JAMES J17** SV				+0.3	-4.2	-4.2	+6.1	+50	+85	+111	+114	+4	+2.1	-7.0	+71	+8.4	+0.5	+1.3	+0.8	+3.5	-0.11	+0	+1.20	+0.88	$123	$116	$133	$120
BNAD145	HBR	8	64	0	59%	51%	92%	92%	88%	88%	90%	83%	78%	79%	66%	88%	86%	89%	86%	86%	86%	82%	82%	84%	84%				
CWDF14					66	94	55	88	39	58	59	23	99	42	15	27	15	29	10	36	8	17	73	90	57	27	29	27	27
VHWJ13	**WEERAN JOEL J13** PV				+10.0	+11.3	-5.8	+3.7	+47	+85	+114	+102	+13	+3.4	-7.0	+86	+9.6	+0.7	-0.3	+1.0	+2.7	+1.16	+10	+0.88	+0.76	$125	$120	$124	$128
HIOE7	APR	10	414	58	77%	62%	98%	98%	96%	96%	95%	89%	91%	95%	65%	90%	88%	90%	87%	87%	87%	81%	78%	83%	83%				
VHWE602					5	1	29	36	59	60	50	44	82	6	15	3	8	23	45	27	23	99	37	26	32	25	25	33	20
	Breed Average EBVs				**+2.0**	**+2.5**	**-4.5**	**+4.2**	**+48**	**+87**	**+114**	**+99**	**+17**	**+2.0**	**-4.8**	**+65**	**+6.0**	**-0.1**	**-0.4**	**+0.5**	**+2.0**	**+0.18**	**+6**	**+0.98**	**+0.85**	**+100**	**+100**	**+100**	**+100**

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: 6 - Birth Weight (kg)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
AJC E91	NXOE91	20	37.4	18
ARDCAIRNIE J27	WJMJ27	31	34.7	1
ARDROSSAN HONOUR H255	NAQH255	31	38.0	24
AYRVALE GENETIC G11	HIOG11	19	37.7	20
BANNABY ABERDEEN J137	ECMJ137	31	39.5	36
BANNABY DAIQUIRI J56	ECMJ56	31	38.2	28
BOONAROO FEDERATION F49	HCAF49	28	34.7	1
BOOROOMOOKA KINGY K9	NGMK9	26	38.5	31
BOWMAN AUSTRALIA K2	BOWK2	21	37.5	19
BROOKLANA DREAM H29	AMQH29	24	39.0	34
BROOKLANA HI TOWER H64	AMQH64	28	38.7	32
BROOKLANA TM EMPEROR J64	AMQJ64	33	39.8	38
CLEA H028	NRZH028	28	35.1	3
COFFIN CREEK JOKER J202	NIWJ202	29	38.4	30
COOLANA CONVERSION - K026	VCCK026	29	35.9	6
COONAMBLE JUNIOR J266	WDCJ266	24	36.9	14
DAVID'S HARVEY ALLBANGER H42	CWDH42	27	36.7	13
DENHOLM GLEN G10 BARTEL J41	EDUJ41	40	36.1	8
DULVERTON JACKPOT J267	NGCJ267	24	37.9	23
DUNOON HIGHPOINT H744	BHRH744	29	37.7	20
GK 26 FEDERER F23	QFCF23	25	39.8	38
GRANITE RIDGE JUPITER J42	SJKJ42	24	36.4	11
HARDHAT GM AGRONOMIST Y21 J516	DKKJ516	27	39.2	35
HARDHAT GM GRASS RANGE Y21 J518	DKKJ518	19	38.9	33
MILLAH MURRAH KINGDOM K35	NMMK35	32	39.5	36
MILLAH MURRAH KLOONEY K42	NMMK42	27	38.0	24
MURDEDUKE JAMBOREE J26	CSWJ26	32	37.3	17
MURRAY GRANDO J136	NURJ136	28	35.7	4
MURRAY JUDGE J14	NURJ14	27	37.0	15
NEWLYN PARK EMPEROR J6	SKOJ6	20	40.0	40
PA RANCH HOUSE 349	USA17585042	30	36.5	12
PARINGA RED PILBARA K146	HKFK146	24	36.0	7
RAFF HINGAIA J347	QRFJ347	31	40.1	41
RENNYLEA H556	NORH556	22	38.1	26
RENNYLEA K163	NORK163	33	35.8	5
RENNYLEA K178	NORK178	46	37.0	15
STONEY POINT HEINEKEN H22	SGMH22	36	38.3	29
TWYNAM J122	NXTJ122	23	37.8	22

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 6 - Birth Weight (kg)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
WAITARA TB KNOCKOUT K61	BSCK61	22	36.2	9
WEATHERLY JAMES J17	CWDJ17	27	38.1	26
WEERAN JOEL J13	VHWJ13	22	36.2	9

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 6 - Gestation Length (days)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
AJC E91	NXOE91	20	280.5	29
ARDCAIRNIE J27	WJMJ27	29	278.4	9
ARDROSSAN HONOUR H255	NAQH255	30	281.8	34
AYRVALE GENETIC G11	HIOG11	17	280.4	26
BANNABY ABERDEEN J137	ECMJ137	29	277.5	3
BANNABY DAIQUIRI J56	ECMJ56	29	279.6	18
BOONAROO FEDERATION F49	HCAF49	28	278.0	4
BOOROOMOOKA KINGY K9	NGMK9	22	283.0	39
BOWMAN AUSTRALIA K2	BOWK2	22	279.4	17
BROOKLANA DREAM H29	AMQH29	25	279.8	19
BROOKLANA HI TOWER H64	AMQH64	27	283.1	40
BROOKLANA TM EMPEROR J64	AMQJ64	32	278.4	9
CLEA H028	NRZH028	27	278.1	5
COFFIN CREEK JOKER J202	NIWJ202	28	280.0	20
COOLANA CONVERSION - K026	VCCK026	29	280.0	20
COONAMBLE JUNIOR J266	WDCJ266	22	282.8	38
DAVID'S HARVEY ALLBANGER H42	CWDH42	23	279.1	15
DENHOLM GLEN G10 BARTEL J41	EDUJ41	38	280.2	24
DULVERTON JACKPOT J267	NGCJ267	22	278.3	6
DUNOON HIGHPOINT H744	BHRH744	29	281.2	32
GK 26 FEDERER F23	QFCF23	24	282.5	36
GRANITE RIDGE JUPITER J42	SJKJ42	22	278.3	6
HARDHAT GM AGRONOMIST Y21 J516	DKKJ516	27	283.1	40
HARDHAT GM GRASS RANGE Y21 J518	DKKJ518	16	281.0	31
MILLAH MURRAH KINGDOM K35	NMMK35	32	282.3	35
MILLAH MURRAH KLOONEY K42	NMMK42	27	279.2	16
MURDEDUKE JAMBOREE J26	CSWJ26	31	279.0	13
MURRAY GRANDO J136	NURJ136	26	277.3	2
MURRAY JUDGE J14	NURJ14	25	278.3	6
NEWLYN PARK EMPEROR J6	SKOJ6	20	278.4	9
PA RANCH HOUSE 349	USA17585042	28	280.1	22
PARINGA RED PILBARA K146	HKFK146	24	282.5	36
RAFF HINGAIA J347	QRFJ347	30	279.0	13
RENNYLEA H556	NORH556	23	281.3	33
RENNYLEA K163	NORK163	32	280.8	30
RENNYLEA K178	NORK178	43	277.0	1
STONEY POINT HEINEKEN H22	SGMH22	30	280.4	26
TWYNAM J122	NXTJ122	23	280.1	22

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 6 - Gestation Length (days)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
WAITARA TB KNOCKOUT K61	BSCK61	22	280.3	25
WEATHERLY JAMES J17	CWDJ17	24	280.4	26
WEERAN JOEL J13	VHWJ13	21	278.7	12

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 6 - 200 Day Weight (kg)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
AJC E91	NXOE91	21	218.4	9
ARDCAIRNIE J27	WJMJ27	34	220.5	7
ARDROSSAN HONOUR H255	NAQH255	34	212.1	25
AYRVALE GENETIC G11	HIOG11	22	223.9	1
BANNABY ABERDEEN J137	ECMJ137	34	216.8	12
BANNABY DAIQUIRI J56	ECMJ56	32	207.9	34
BOONAROO FEDERATION F49	HCAF49	28	209.7	30
BOOROOMOOKA KINGY K9	NGMK9	24	208.0	33
BOWMAN AUSTRALIA K2	BOWK2	23	215.6	16
BROOKLANA DREAM H29	AMQH29	26	211.2	26
BROOKLANA HI TOWER H64	AMQH64	27	212.2	23
BROOKLANA TM EMPEROR J64	AMQJ64	38	221.9	4
CLEA H028	NRZH028	30	207.7	35
COFFIN CREEK JOKER J202	NIWJ202	31	202.7	40
COOLANA CONVERSION - K026	VCCK026	30	207.5	37
COONAMBLE JUNIOR J266	WDCJ266	24	208.4	31
DAVID'S HARVEY ALLBANGER H42	CWDH42	32	202.5	41
DENHOLM GLEN G10 BARTEL J41	EDUJ41	44	206.7	38
DULVERTON JACKPOT J267	NGCJ267	25	215.7	14
DUNOON HIGHPOINT H744	BHRH744	34	207.6	36
GK 26 FEDERER F23	QFCF23	30	222.0	3
GRANITE RIDGE JUPITER J42	SJKJ42	24	217.8	11
HARDHAT GM AGRONOMIST Y21 J516	DKKJ516	30	212.6	22
HARDHAT GM GRASS RANGE Y21 J518	DKKJ518	23	215.7	14
MILLAH MURRAH KINGDOM K35	NMMK35	31	208.4	31
MILLAH MURRAH KLOONEY K42	NMMK42	31	211.2	26
MURDEDUKE JAMBOREE J26	CSWJ26	34	215.1	17
MURRAY GRANDO J136	NURJ136	31	210.9	28
MURRAY JUDGE J14	NURJ14	27	212.2	23
NEWLYN PARK EMPEROR J6	SKOJ6	22	223.4	2
PA RANCH HOUSE 349	USA17585042	34	214.9	18
PARINGA RED PILBARA K146	HKFK146	23	203.4	39
RAFF HINGAIA J347	QRFJ347	29	216.8	12
RENNYLEA H556	NORH556	23	213.8	19
RENNYLEA K163	NORK163	36	213.6	20
RENNYLEA K178	NORK178	47	210.1	29
STONEY POINT HEINEKEN H22	SGMH22	35	219.3	8
TWYNAM J122	NXTJ122	24	221.6	5

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 6 - 200 Day Weight (kg)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
WAITARA TB KNOCKOUT K61	BSCK61	22	218.1	10
WEATHERLY JAMES J17	CWDJ17	32	213.3	21
WEERAN JOEL J13	VHWJ13	23	220.7	6

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 6 - 400 Day Weight (kg)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
AJC E91	NXOE91	18	350.6	21
ARDCAIRNIE J27	WJMJ27	33	362.4	6
ARDROSSAN HONOUR H255	NAQH255	31	350.4	22
AYRVALE GENETIC G11	HIOG11	18	364.1	4
BANNABY ABERDEEN J137	ECMJ137	29	361.2	9
BANNABY DAIQUIRI J56	ECMJ56	29	347.2	29
BOONAROO FEDERATION F49	HCAF49	24	349.3	27
BOOROOMOOKA KINGY K9	NGMK9	21	349.7	26
BOWMAN AUSTRALIA K2	BOWK2	21	356.3	14
BROOKLANA DREAM H29	AMQH29	23	342.1	37
BROOKLANA HI TOWER H64	AMQH64	24	356.1	15
BROOKLANA TM EMPEROR J64	AMQJ64	29	378.3	1
CLEA H028	NRZH028	26	350.3	24
COFFIN CREEK JOKER J202	NIWJ202	28	343.9	35
COOLANA CONVERSION - K026	VCCK026	25	341.0	39
COONAMBLE JUNIOR J266	WDCJ266	21	347.0	31
DAVID'S HARVEY ALLBANGER H42	CWDH42	27	334.7	40
DENHOLM GLEN G10 BARTEL J41	EDUJ41	36	345.9	33
DULVERTON JACKPOT J267	NGCJ267	21	358.3	12
DUNOON HIGHPOINT H744	BHRH744	29	345.5	34
GK 26 FEDERER F23	QFCF23	22	359.0	11
GRANITE RIDGE JUPITER J42	SJKJ42	18	361.8	8
HARDHAT GM AGRONOMIST Y21 J516	DKKJ516	24	350.4	22
HARDHAT GM GRASS RANGE Y21 J518	DKKJ518	18	348.4	28
MILLAH MURRAH KINGDOM K35	NMMK35	29	341.8	38
MILLAH MURRAH KLOONEY K42	NMMK42	25	342.4	36
MURDEDUKE JAMBOREE J26	CSWJ26	28	353.5	19
MURRAY GRANDO J136	NURJ136	26	350.7	20
MURRAY JUDGE J14	NURJ14	22	346.5	32
NEWLYN PARK EMPEROR J6	SKOJ6	17	364.9	3
PA RANCH HOUSE 349	USA17585042	28	354.0	18
PARINGA RED PILBARA K146	HKFK146	20	334.5	41
RAFF HINGAIA J347	QRFJ347	27	362.0	7
RENNYLEA H556	NORH556	21	355.7	17
RENNYLEA K163	NORK163	33	347.2	29
RENNYLEA K178	NORK178	31	350.3	24
STONEY POINT HEINEKEN H22	SGMH22	30	362.9	5
TWYNAM J122	NXTJ122	21	358.1	13

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 6 - 400 Day Weight (kg)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
WAITARA TB KNOCKOUT K61	BSCK61	19	366.1	2
WEATHERLY JAMES J17	CWDJ17	24	356.1	15
WEERAN JOEL J13	VHWJ13	21	359.4	10

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 6 - 600 Day Weight (kg)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
AJC E91	NXOE91	13	612.3	19
ARDCAIRNIE J27	WJMJ27	28	639.0	2
ARDROSSAN HONOUR H255	NAQH255	27	594.3	37
AYRVALE GENETIC G11	HIOG11	17	636.9	3
BANNABY ABERDEEN J137	ECMJ137	20	617.0	14
BANNABY DAIQUIRI J56	ECMJ56	19	599.6	31
BOONAROO FEDERATION F49	HCAF49	21	611.4	20
BOOROOMOOKA KINGY K9	NGMK9	16	612.4	18
BOWMAN AUSTRALIA K2	BOWK2	14	618.6	13
BROOKLANA DREAM H29	AMQH29	17	601.9	28
BROOKLANA HI TOWER H64	AMQH64	21	624.2	8
BROOKLANA TM EMPEROR J64	AMQJ64	25	642.7	1
CLEA H028	NRZH028	22	593.7	39
COFFIN CREEK JOKER J202	NIWJ202	20	614.5	17
COOLANA CONVERSION - K026	VCCK026	21	591.7	41
COONAMBLE JUNIOR J266	WDCJ266	18	629.2	6
DAVID'S HARVEY ALLBANGER H42	CWDH42	18	580.1	45
DENHOLM GLEN G10 BARTEL J41	EDUJ41	26	596.5	35
DULVERTON JACKPOT J267	NGCJ267	15	622.6	10
DUNOON HIGHPOINT H744	BHRH744	25	607.7	25
GK 26 FEDERER F23	QFCF23	18	615.3	15
GRANITE RIDGE JUPITER J42	SJKJ42	13	618.7	12
HARDHAT GM AGRONOMIST Y21 J516	DKKJ516	19	601.3	30
HARDHAT GM GRASS RANGE Y21 J518	DKKJ518	16	596.2	36
MILLAH MURRAH KINGDOM K35	NMMK35	21	602.7	27
MILLAH MURRAH KLOONEY K42	NMMK42	22	597.3	34
MURDEDUKE JAMBOREE J26	CSWJ26	23	606.6	26
MURRAY GRANDO J136	NURJ136	21	611.0	21
MURRAY JUDGE J14	NURJ14	18	610.4	22
NEWLYN PARK EMPEROR J6	SKOJ6	14	628.5	7
PA RANCH HOUSE 349	USA17585042	25	601.9	28
PARINGA RED PILBARA K146	HKFK146	15	574.1	48
RAFF HINGAIA J347	QRFJ347	20	619.3	11
RENNYLEA H556	NORH556	11	598.6	33
RENNYLEA K163	NORK163	26	609.3	24
RENNYLEA K178	NORK178	21	599.3	32
STONEY POINT HEINEKEN H22	SGMH22	16	623.9	9
TWYNAM J122	NXTJ122	14	615.3	15

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 6 - 600 Day Weight (kg)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
WAITARA TB KNOCKOUT K61	BSCK61	14	629.6	5
WEATHERLY JAMES J17	CWDJ17	22	609.5	23
WEERAN JOEL J13	VHWJ13	14	634.6	4

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 6 - Days to Calving (heifers) (days)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
AJC E91	NXOE91	4	287.5	4
ARDCAIRNIE J27	WJMJ27	5	297.5	25
ARDROSSAN HONOUR H255	NAQH255	7	297.3	24
AYRVALE GENETIC G11	HIOG11	4	294.8	17
BANNABY ABERDEEN J137	ECMJ137	10	294.8	17
BANNABY DAIQUIRI J56	ECMJ56	7	295.2	21
BOONAROO FEDERATION F49	HCAF49	7	301.0	31
BOOROOMOOKA KINGY K9	NGMK9	6	290.0	8
BOWMAN AUSTRALIA K2	BOWK2	9	294.9	20
BROOKLANA DREAM H29	AMQH29	5	293.7	15
BROOKLANA HI TOWER H64	AMQH64	5	301.8	33
BROOKLANA TM EMPEROR J64	AMQJ64	7	287.1	2
CLEA H028	NRZH028	6	287.4	3
COFFIN CREEK JOKER J202	NIWJ202	7	291.9	10
COOLANA CONVERSION - K026	VCCK026	8	284.9	1
COONAMBLE JUNIOR J266	WDCJ266	5	298.2	28
DAVID'S HARVEY ALLBANGER H42	CWDH42	8	299.2	29
DENHOLM GLEN G10 BARTEL J41	EDUJ41	8	303.2	36
DULVERTON JACKPOT J267	NGCJ267	8	306.1	41
DUNOON HIGHPOINT H744	BHRH744	7	297.6	26
GK 26 FEDERER F23	QFCF23	6	294.1	16
GRANITE RIDGE JUPITER J42	SJKJ42	5	303.7	37
HARDHAT GM AGRONOMIST Y21 J516	DKKJ516	8	305.2	39
HARDHAT GM GRASS RANGE Y21 J518	DKKJ518	5	301.8	33
MILLAH MURRAH KINGDOM K35	NMMK35	10	296.0	23
MILLAH MURRAH KLOONEY K42	NMMK42	10	288.7	7
MURDEDUKE JAMBOREE J26	CSWJ26	9	301.2	32
MURRAY GRANDO J136	NURJ136	8	288.6	6
MURRAY JUDGE J14	NURJ14	7	292.8	13
NEWLYN PARK EMPEROR J6	SKOJ6	6	288.2	5
PA RANCH HOUSE 349	USA17585042	7	305.3	40
PARINGA RED PILBARA K146	HKFK146	8	302.7	35
RAFF HINGAIA J347	QRFJ347	10	297.8	27
RENNYLEA H556	NORH556	11	293.5	14
RENNYLEA K163	NORK163	10	294.8	17
RENNYLEA K178	NORK178	5	292.3	11
STONEY POINT HEINEKEN H22	SGMH22	16	295.7	22
TWYNAM J122	NXTJ122	10	304.7	38

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 6 - Days to Calving (heifers) (days)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
WAITARA TB KNOCKOUT K61	BSCK61	8	292.7	12
WEATHERLY JAMES J17	CWDJ17	9	291.7	9
WEERAN JOEL J13	VHWJ13	8	300.1	30

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 6 - Scan EMA (sq cm)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
AJC E91	NXOE91	21	58.2	40
ARDCAIRNIE J27	WJMJ27	35	61.4	14
ARDROSSAN HONOUR H255	NAQH255	35	60.4	22
AYRVALE GENETIC G11	HIOG11	21	59.5	32
BANNABY ABERDEEN J137	ECMJ137	32	59.0	37
BANNABY DAIQUIRI J56	ECMJ56	31	57.9	41
BOONAROO FEDERATION F49	HCAF49	29	59.2	34
BOOROOMOOKA KINGY K9	NGMK9	22	59.9	27
BOWMAN AUSTRALIA K2	BOWK2	23	60.0	26
BROOKLANA DREAM H29	AMQH29	24	61.5	13
BROOKLANA HI TOWER H64	AMQH64	29	59.8	30
BROOKLANA TM EMPEROR J64	AMQJ64	35	60.3	24
CLEA H028	NRZH028	29	62.3	4
COFFIN CREEK JOKER J202	NIWJ202	29	59.6	31
COOLANA CONVERSION - K026	VCCK026	29	59.4	33
COONAMBLE JUNIOR J266	WDCJ266	23	60.8	21
DAVID'S HARVEY ALLBANGER H42	CWDH42	28	59.9	27
DENHOLM GLEN G10 BARTEL J41	EDUJ41	37	61.4	14
DULVERTON JACKPOT J267	NGCJ267	25	58.7	38
DUNOON HIGHPOINT H744	BHRH744	33	58.4	39
GK 26 FEDERER F23	QFCF23	27	59.2	34
GRANITE RIDGE JUPITER J42	SJKJ42	22	61.1	19
HARDHAT GM AGRONOMIST Y21 J516	DKKJ516	29	60.9	20
HARDHAT GM GRASS RANGE Y21 J518	DKKJ518	21	62.0	6
MILLAH MURRAH KINGDOM K35	NMMK35	30	60.4	22
MILLAH MURRAH KLOONEY K42	NMMK42	31	60.1	25
MURDEDUKE JAMBOREE J26	CSWJ26	33	59.2	34
MURRAY GRANDO J136	NURJ136	29	61.7	10
MURRAY JUDGE J14	NURJ14	25	61.9	8
NEWLYN PARK EMPEROR J6	SKOJ6	21	61.3	16
PA RANCH HOUSE 349	USA17585042	32	59.9	27
PARINGA RED PILBARA K146	HKFK146	22	61.6	12
RAFF HINGAIA J347	QRFJ347	29	63.9	1
RENNYLEA H556	NORH556	21	62.2	5
RENNYLEA K163	NORK163	34	62.7	2
RENNYLEA K178	NORK178	33	62.0	6
STONEY POINT HEINEKEN H22	SGMH22	33	61.7	10
TWYNAM J122	NXTJ122	25	61.3	16

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 6 - Scan EMA (sq cm)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
WAITARA TB KNOCKOUT K61	BSCK61	21	62.6	3
WEATHERLY JAMES J17	CWDJ17	31	61.2	18
WEERAN JOEL J13	VHWJ13	23	61.9	8

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 6 - Scan Rib Fat (mm)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
AJC E91	NXOE91	21	5.8	9
ARDCAIRNIE J27	WJMJ27	35	6.0	5
ARDROSSAN HONOUR H255	NAQH255	35	5.8	9
AYRVALE GENETIC G11	HIOG11	21	5.1	37
BANNABY ABERDEEN J137	ECMJ137	32	4.8	41
BANNABY DAIQUIRI J56	ECMJ56	31	5.7	14
BOONAROO FEDERATION F49	HCAF49	29	5.4	27
BOOROOMOOKA KINGY K9	NGMK9	22	5.7	14
BOWMAN AUSTRALIA K2	BOWK2	23	5.6	18
BROOKLANA DREAM H29	AMQH29	24	5.2	33
BROOKLANA HI TOWER H64	AMQH64	29	5.5	21
BROOKLANA TM EMPEROR J64	AMQJ64	35	5.5	21
CLEA H028	NRZH028	29	5.6	18
COFFIN CREEK JOKER J202	NIWJ202	29	5.6	18
COOLANA CONVERSION - K026	VCCK026	27	5.8	9
COONAMBLE JUNIOR J266	WDCJ266	23	5.3	30
DAVID'S HARVEY ALLBANGER H42	CWDH42	28	5.2	33
DENHOLM GLEN G10 BARTEL J41	EDUJ41	37	5.7	14
DULVERTON JACKPOT J267	NGCJ267	25	5.3	30
DUNOON HIGHPOINT H744	BHRH744	34	5.5	21
GK 26 FEDERER F23	QFCF23	27	5.8	9
GRANITE RIDGE JUPITER J42	SJKJ42	22	5.5	21
HARDHAT GM AGRONOMIST Y21 J516	DKKJ516	29	5.5	21
HARDHAT GM GRASS RANGE Y21 J518	DKKJ518	21	5.1	37
MILLAH MURRAH KINGDOM K35	NMMK35	30	5.0	40
MILLAH MURRAH KLOONEY K42	NMMK42	31	5.3	30
MURDEDUKE JAMBOREE J26	CSWJ26	33	5.1	37
MURRAY GRANDO J136	NURJ136	28	5.2	33
MURRAY JUDGE J14	NURJ14	25	5.9	7
NEWLYN PARK EMPEROR J6	SKOJ6	21	5.5	21
PA RANCH HOUSE 349	USA17585042	31	6.0	5
PARINGA RED PILBARA K146	HKFK146	22	6.1	4
RAFF HINGAIA J347	QRFJ347	29	5.2	33
RENNYLEA H556	NORH556	21	5.4	27
RENNYLEA K163	NORK163	34	6.2	3
RENNYLEA K178	NORK178	33	5.9	7
STONEY POINT HEINEKEN H22	SGMH22	32	5.4	27
TWYNAM J122	NXTJ122	23	6.4	1

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 6 - Scan Rib Fat (mm)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
WAITARA TB KNOCKOUT K61	BSCK61	21	5.8	9
WEATHERLY JAMES J17	CWDJ17	31	6.4	1
WEERAN JOEL J13	VHWJ13	23	5.7	14

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 6 - Scan Rump Fat (mm)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
AJC E91	NXOE91	21	8.8	8
ARDCAIRNIE J27	WJMJ27	34	8.7	9
ARDROSSAN HONOUR H255	NAQH255	35	7.6	35
AYRVALE GENETIC G11	HIOG11	21	7.9	27
BANNABY ABERDEEN J137	ECMJ137	30	6.8	41
BANNABY DAIQUIRI J56	ECMJ56	31	8.6	12
BOONAROO FEDERATION F49	HCAF49	28	7.1	40
BOOROOMOOKA KINGY K9	NGMK9	22	8.0	26
BOWMAN AUSTRALIA K2	BOWK2	23	8.6	12
BROOKLANA DREAM H29	AMQH29	23	7.8	31
BROOKLANA HI TOWER H64	AMQH64	27	8.4	16
BROOKLANA TM EMPEROR J64	AMQJ64	35	8.1	22
CLEA H028	NRZH028	29	8.1	22
COFFIN CREEK JOKER J202	NIWJ202	28	8.3	18
COOLANA CONVERSION - K026	VCCK026	28	9.2	5
COONAMBLE JUNIOR J266	WDCJ266	23	8.1	22
DAVID'S HARVEY ALLBANGER H42	CWDH42	26	7.3	39
DENHOLM GLEN G10 BARTEL J41	EDUJ41	36	9.0	6
DULVERTON JACKPOT J267	NGCJ267	24	7.9	27
DUNOON HIGHPOINT H744	BHRH744	33	8.5	15
GK 26 FEDERER F23	QFCF23	27	8.6	12
GRANITE RIDGE JUPITER J42	SJKJ42	21	7.4	38
HARDHAT GM AGRONOMIST Y21 J516	DKKJ516	29	7.7	34
HARDHAT GM GRASS RANGE Y21 J518	DKKJ518	21	7.9	27
MILLAH MURRAH KINGDOM K35	NMMK35	29	7.6	35
MILLAH MURRAH KLOONEY K42	NMMK42	27	8.3	18
MURDEDUKE JAMBOREE J26	CSWJ26	32	7.9	27
MURRAY GRANDO J136	NURJ136	25	7.6	35
MURRAY JUDGE J14	NURJ14	25	8.7	9
NEWLYN PARK EMPEROR J6	SKOJ6	20	7.8	31
PA RANCH HOUSE 349	USA17585042	27	9.7	1
PARINGA RED PILBARA K146	HKFK146	22	9.4	4
RAFF HINGAIA J347	QRFJ347	28	7.8	31
RENNYLEA H556	NORH556	21	8.3	18
RENNYLEA K163	NORK163	32	9.7	1
RENNYLEA K178	NORK178	31	8.7	9
STONEY POINT HEINEKEN H22	SGMH22	33	8.3	18
TWYNAM J122	NXTJ122	25	9.0	6

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 6 - Scan Rump Fat (mm)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
WAITARA TB KNOCKOUT K61	BSCK61	18	8.4	16
WEATHERLY JAMES J17	CWDJ17	29	9.5	3
WEERAN JOEL J13	VHWJ13	23	8.1	22

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 6 - Scan IMF (%)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
AJC E91	NXOE91	21	6.1	9
ARDCAIRNIE J27	WJMJ27	35	6.1	9
ARDROSSAN HONOUR H255	NAQH255	35	6.2	7
AYRVALE GENETIC G11	HIOG11	21	6.0	13
BANNABY ABERDEEN J137	ECMJ137	32	5.1	41
BANNABY DAIQUIRI J56	ECMJ56	31	6.0	13
BOONAROO FEDERATION F49	HCAF49	29	5.5	39
BOOROOMOOKA KINGY K9	NGMK9	22	5.9	21
BOWMAN AUSTRALIA K2	BOWK2	23	5.9	21
BROOKLANA DREAM H29	AMQH29	24	6.0	13
BROOKLANA HI TOWER H64	AMQH64	29	5.7	33
BROOKLANA TM EMPEROR J64	AMQJ64	35	5.7	33
CLEA H028	NRZH028	29	6.3	4
COFFIN CREEK JOKER J202	NIWJ202	29	5.8	25
COOLANA CONVERSION - K026	VCCK026	29	6.6	1
COONAMBLE JUNIOR J266	WDCJ266	23	6.3	4
DAVID'S HARVEY ALLBANGER H42	CWDH42	28	5.5	39
DENHOLM GLEN G10 BARTEL J41	EDUJ41	37	5.9	21
DULVERTON JACKPOT J267	NGCJ267	25	5.9	21
DUNOON HIGHPOINT H744	BHRH744	34	5.8	25
GK 26 FEDERER F23	QFCF23	27	5.7	33
GRANITE RIDGE JUPITER J42	SJKJ42	22	5.7	33
HARDHAT GM AGRONOMIST Y21 J516	DKKJ516	29	6.0	13
HARDHAT GM GRASS RANGE Y21 J518	DKKJ518	21	5.7	33
MILLAH MURRAH KINGDOM K35	NMMK35	30	5.6	38
MILLAH MURRAH KLOONEY K42	NMMK42	31	5.8	25
MURDEDUKE JAMBOREE J26	CSWJ26	33	5.8	25
MURRAY GRANDO J136	NURJ136	29	6.1	9
MURRAY JUDGE J14	NURJ14	25	5.8	25
NEWLYN PARK EMPEROR J6	SKOJ6	21	6.0	13
PA RANCH HOUSE 349	USA17585042	32	6.0	13
PARINGA RED PILBARA K146	HKFK146	22	6.5	2
RAFF HINGAIA J347	QRFJ347	29	6.0	13
RENNYLEA H556	NORH556	21	6.2	7
RENNYLEA K163	NORK163	34	6.3	4
RENNYLEA K178	NORK178	33	5.8	25
STONEY POINT HEINEKEN H22	SGMH22	33	5.8	25
TWYNAM J122	NXTJ122	25	6.0	13

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 6 - Scan IMF (%)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
WAITARA TB KNOCKOUT K61	BSCK61	21	5.8	25
WEATHERLY JAMES J17	CWDJ17	31	6.5	2
WEERAN JOEL J13	VHWJ13	23	6.1	9

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 6 - Carcase Weight (kg)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
AJC E91	NXOE91	10	429.8	20
ARDCAIRNIE J27	WJMJ27	21	460.9	2
ARDROSSAN HONOUR H255	NAQH255	22	425.3	29
AYRVALE GENETIC G11	HIOG11	11	423.4	33
BANNABY ABERDEEN J137	ECMJ137	16	414.9	37
BANNABY DAIQUIRI J56	ECMJ56	13	423.7	32
BOONAROO FEDERATION F49	HCAF49	17	431.0	17
BOOROOMOOKA KINGY K9	NGMK9	11	437.8	12
BOWMAN AUSTRALIA K2	BOWK2	10	439.8	11
BROOKLANA DREAM H29	AMQH29	16	427.3	23
BROOKLANA HI TOWER H64	AMQH64	13	431.0	17
BROOKLANA TM EMPEROR J64	AMQJ64	20	449.7	7
CLEA H028	NRZH028	20	427.0	24
COFFIN CREEK JOKER J202	NIWJ202	16	436.8	13
COOLANA CONVERSION - K026	VCCK026	13	416.3	35
COONAMBLE JUNIOR J266	WDCJ266	9	455.1	3
DAVID'S HARVEY ALLBANGER H42	CWDH42	12	399.2	41
DENHOLM GLEN G10 BARTEL J41	EDUJ41	19	413.3	38
DULVERTON JACKPOT J267	NGCJ267	10	429.8	20
DUNOON HIGHPOINT H744	BHRH744	15	435.4	14
GK 26 FEDERER F23	QFCF23	12	415.5	36
GRANITE RIDGE JUPITER J42	SJKJ42	8	409.7	39
HARDHAT GM AGRONOMIST Y21 J516	DKKJ516	12	425.8	27
HARDHAT GM GRASS RANGE Y21 J518	DKKJ518	14	425.5	28
MILLAH MURRAH KINGDOM K35	NMMK35	14	420.6	34
MILLAH MURRAH KLOONEY K42	NMMK42	12	424.1	31
MURDEDUKE JAMBOREE J26	CSWJ26	15	425.0	30
MURRAY GRANDO J136	NURJ136	11	427.7	22
MURRAY JUDGE J14	NURJ14	16	448.7	8
NEWLYN PARK EMPEROR J6	SKOJ6	8	441.2	10
PA RANCH HOUSE 349	USA17585042	16	426.0	26
PARINGA RED PILBARA K146	HKFK146	11	409.7	39
RAFF HINGAIA J347	QRFJ347	16	453.9	4
RENNYLEA H556	NORH556	5	430.3	19
RENNYLEA K163	NORK163	19	431.9	15
RENNYLEA K178	NORK178	16	426.6	25
STONEY POINT HEINEKEN H22	SGMH22	11	452.8	5
TWYNAM J122	NXTJ122	7	448.6	9

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 6 - Carcase Weight (kg)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
WAITARA TB KNOCKOUT K61	BSCK61	10	450.5	6
WEATHERLY JAMES J17	CWDJ17	15	431.6	16
WEERAN JOEL J13	VHWJ13	9	476.7	1

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 6 - Carcase EMA (sq cm)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
AJC E91	NXOE91	10	90.3	24
ARDCAIRNIE J27	WJMJ27	21	87.6	38
ARDROSSAN HONOUR H255	NAQH255	22	91.3	18
AYRVALE GENETIC G11	HIOG11	11	88.1	37
BANNABY ABERDEEN J137	ECMJ137	16	90.2	26
BANNABY DAIQUIRI J56	ECMJ56	13	90.2	26
BOONAROO FEDERATION F49	HCAF49	17	86.6	41
BOOROOMOOKA KINGY K9	NGMK9	11	92.1	14
BOWMAN AUSTRALIA K2	BOWK2	10	90.4	23
BROOKLANA DREAM H29	AMQH29	16	95.0	7
BROOKLANA HI TOWER H64	AMQH64	13	87.0	39
BROOKLANA TM EMPEROR J64	AMQJ64	20	90.0	30
CLEA H028	NRZH028	20	96.2	5
COFFIN CREEK JOKER J202	NIWJ202	16	90.6	22
COOLANA CONVERSION - K026	VCCK026	13	89.3	33
COONAMBLE JUNIOR J266	WDCJ266	9	95.4	6
DAVID'S HARVEY ALLBANGER H42	CWDH42	12	93.5	10
DENHOLM GLEN G10 BARTEL J41	EDUJ41	19	92.2	13
DULVERTON JACKPOT J267	NGCJ267	10	91.9	15
DUNOON HIGHPOINT H744	BHRH744	15	88.3	36
GK 26 FEDERER F23	QFCF23	12	86.2	42
GRANITE RIDGE JUPITER J42	SJKJ42	8	90.2	26
HARDHAT GM AGRONOMIST Y21 J516	DKKJ516	12	91.8	17
HARDHAT GM GRASS RANGE Y21 J518	DKKJ518	14	97.4	3
MILLAH MURRAH KINGDOM K35	NMMK35	14	89.0	34
MILLAH MURRAH KLOONEY K42	NMMK42	12	91.2	19
MURDEDUKE JAMBOREE J26	CSWJ26	15	91.1	20
MURRAY GRANDO J136	NURJ136	11	94.0	9
MURRAY JUDGE J14	NURJ14	16	90.2	26
NEWLYN PARK EMPEROR J6	SKOJ6	8	90.3	24
PA RANCH HOUSE 349	USA17585042	16	91.0	21
PARINGA RED PILBARA K146	HKFK146	11	89.5	32
RAFF HINGAIA J347	QRFJ347	16	100.4	1
RENNYLEA H556	NORH556	5	91.9	15
RENNYLEA K163	NORK163	18	98.0	2
RENNYLEA K178	NORK178	16	96.7	4
STONEY POINT HEINEKEN H22	SGMH22	11	93.2	11
TWYNAM J122	NXTJ122	7	89.8	31

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 6 - Carcase EMA (sq cm)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
WAITARA TB KNOCKOUT K61	BSCK61	10	88.4	35
WEATHERLY JAMES J17	CWDJ17	15	94.5	8
WEERAN JOEL J13	VHWJ13	9	93.2	11

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 6 - Carcase Rump Fat (mm)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
AJC E91	NXOE91	10	19.4	20
ARDCAIRNIE J27	WJMJ27	20	22.3	4
ARDROSSAN HONOUR H255	NAQH255	22	19.0	27
AYRVALE GENETIC G11	HIOG11	11	19.8	17
BANNABY ABERDEEN J137	ECMJ137	15	15.8	41
BANNABY DAIQUIRI J56	ECMJ56	13	22.7	2
BOONAROO FEDERATION F49	HCAF49	17	17.4	37
BOOROOMOOKA KINGY K9	NGMK9	11	17.0	40
BOWMAN AUSTRALIA K2	BOWK2	10	18.9	28
BROOKLANA DREAM H29	AMQH29	15	18.3	32
BROOKLANA HI TOWER H64	AMQH64	13	21.2	7
BROOKLANA TM EMPEROR J64	AMQJ64	20	20.0	13
CLEA H028	NRZH028	20	19.2	25
COFFIN CREEK JOKER J202	NIWJ202	16	22.6	3
COOLANA CONVERSION - K026	VCCK026	13	19.9	15
COONAMBLE JUNIOR J266	WDCJ266	9	18.6	31
DAVID'S HARVEY ALLBANGER H42	CWDH42	12	19.2	25
DENHOLM GLEN G10 BARTEL J41	EDUJ41	19	19.3	23
DULVERTON JACKPOT J267	NGCJ267	10	17.6	36
DUNOON HIGHPOINT H744	BHRH744	15	19.3	23
GK 26 FEDERER F23	QFCF23	12	17.9	35
GRANITE RIDGE JUPITER J42	SJKJ42	8	18.2	33
HARDHAT GM AGRONOMIST Y21 J516	DKKJ516	12	17.2	39
HARDHAT GM GRASS RANGE Y21 J518	DKKJ518	14	19.7	19
MILLAH MURRAH KINGDOM K35	NMMK35	13	20.6	10
MILLAH MURRAH KLOONEY K42	NMMK42	12	18.1	34
MURDEDUKE JAMBOREE J26	CSWJ26	15	20.0	13
MURRAY GRANDO J136	NURJ136	11	20.9	8
MURRAY JUDGE J14	NURJ14	15	18.8	30
NEWLYN PARK EMPEROR J6	SKOJ6	8	19.4	20
PA RANCH HOUSE 349	USA17585042	15	22.2	5
PARINGA RED PILBARA K146	HKFK146	11	23.2	1
RAFF HINGAIA J347	QRFJ347	15	20.4	11
RENNYLEA H556	NORH556	5	19.8	17
RENNYLEA K163	NORK163	19	20.4	11
RENNYLEA K178	NORK178	15	20.7	9
STONEY POINT HEINEKEN H22	SGMH22	11	19.4	20
TWYNAM J122	NXTJ122	7	17.3	38

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 6 - Carcase Rump Fat (mm)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
WAITARA TB KNOCKOUT K61	BSCK61	9	19.9	15
WEATHERLY JAMES J17	CWDJ17	14	21.6	6
WEERAN JOEL J13	VHWJ13	9	18.9	28

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 6 - Carcase Rib Fat (mm)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
AJC E91	NXOE91	10	15.7	5
ARDCAIRNIE J27	WJMJ27	21	17.2	2
ARDROSSAN HONOUR H255	NAQH255	22	15.6	6
AYRVALE GENETIC G11	HIOG11	11	12.8	37
BANNABY ABERDEEN J137	ECMJ137	16	12.9	35
BANNABY DAIQUIRI J56	ECMJ56	13	15.2	10
BOONAROO FEDERATION F49	HCAF49	16	15.6	6
BOOROOMOOKA KINGY K9	NGMK9	11	14.7	17
BOWMAN AUSTRALIA K2	BOWK2	10	15.0	14
BROOKLANA DREAM H29	AMQH29	16	11.5	41
BROOKLANA HI TOWER H64	AMQH64	13	17.6	1
BROOKLANA TM EMPEROR J64	AMQJ64	20	14.1	24
CLEA H028	NRZH028	20	15.1	13
COFFIN CREEK JOKER J202	NIWJ202	16	15.8	4
COOLANA CONVERSION - K026	VCCK026	13	13.9	26
COONAMBLE JUNIOR J266	WDCJ266	9	12.2	38
DAVID'S HARVEY ALLBANGER H42	CWDH42	12	13.3	33
DENHOLM GLEN G10 BARTEL J41	EDUJ41	19	13.6	28
DULVERTON JACKPOT J267	NGCJ267	10	14.7	17
DUNOON HIGHPOINT H744	BHRH744	15	13.4	32
GK 26 FEDERER F23	QFCF23	12	14.5	20
GRANITE RIDGE JUPITER J42	SJKJ42	8	11.8	40
HARDHAT GM AGRONOMIST Y21 J516	DKKJ516	12	13.5	30
HARDHAT GM GRASS RANGE Y21 J518	DKKJ518	14	13.1	34
MILLAH MURRAH KINGDOM K35	NMMK35	14	14.6	19
MILLAH MURRAH KLOONEY K42	NMMK42	12	15.3	9
MURDEDUKE JAMBOREE J26	CSWJ26	15	14.2	22
MURRAY GRANDO J136	NURJ136	11	13.6	28
MURRAY JUDGE J14	NURJ14	16	15.2	10
NEWLYN PARK EMPEROR J6	SKOJ6	8	14.8	16
PA RANCH HOUSE 349	USA17585042	16	14.5	20
PARINGA RED PILBARA K146	HKFK146	11	14.9	15
RAFF HINGAIA J347	QRFJ347	16	14.2	22
RENNYLEA H556	NORH556	5	12.0	39
RENNYLEA K163	NORK163	19	12.9	35
RENNYLEA K178	NORK178	16	15.2	10
STONEY POINT HEINEKEN H22	SGMH22	11	13.5	30
TWYNAM J122	NXTJ122	6	15.9	3

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 6 - Carcase Rib Fat (mm)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
WAITARA TB KNOCKOUT K61	BSCK61	10	14.0	25
WEATHERLY JAMES J17	CWDJ17	15	13.8	27
WEERAN JOEL J13	VHWJ13	9	15.4	8

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 6 - Carcase IMF (%)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
AJC E91	NXOE91	10	11.0	4
ARDCAIRNIE J27	WJMJ27	21	8.9	21
ARDROSSAN HONOUR H255	NAQH255	22	8.4	25
AYRVALE GENETIC G11	HIOG11	11	9.3	15
BANNABY ABERDEEN J137	ECMJ137	16	7.2	37
BANNABY DAIQUIRI J56	ECMJ56	13	11.6	1
BOONAROO FEDERATION F49	HCAF49	17	7.0	39
BOOROOMOOKA KINGY K9	NGMK9	11	10.6	5
BOWMAN AUSTRALIA K2	BOWK2	10	9.2	17
BROOKLANA DREAM H29	AMQH29	16	7.1	38
BROOKLANA HI TOWER H64	AMQH64	13	10.6	5
BROOKLANA TM EMPEROR J64	AMQJ64	20	8.0	29
CLEA H028	NRZH028	20	9.8	8
COFFIN CREEK JOKER J202	NIWJ202	16	7.5	33
COOLANA CONVERSION - K026	VCCK026	13	9.6	11
COONAMBLE JUNIOR J266	WDCJ266	9	9.4	12
DAVID'S HARVEY ALLBANGER H42	CWDH42	12	6.9	40
DENHOLM GLEN G10 BARTEL J41	EDUJ41	19	8.2	27
DULVERTON JACKPOT J267	NGCJ267	10	9.3	15
DUNOON HIGHPOINT H744	BHRH744	15	8.2	27
GK 26 FEDERER F23	QFCF23	12	6.2	41
GRANITE RIDGE JUPITER J42	SJKJ42	8	8.9	21
HARDHAT GM AGRONOMIST Y21 J516	DKKJ516	12	8.8	23
HARDHAT GM GRASS RANGE Y21 J518	DKKJ518	14	7.8	30
MILLAH MURRAH KINGDOM K35	NMMK35	14	7.4	35
MILLAH MURRAH KLOONEY K42	NMMK42	12	9.2	17
MURDEDUKE JAMBOREE J26	CSWJ26	15	9.9	7
MURRAY GRANDO J136	NURJ136	11	11.2	2
MURRAY JUDGE J14	NURJ14	16	7.8	30
NEWLYN PARK EMPEROR J6	SKOJ6	8	8.5	24
PA RANCH HOUSE 349	USA17585042	16	9.0	20
PARINGA RED PILBARA K146	HKFK146	11	11.1	3
RAFF HINGAIA J347	QRFJ347	16	7.4	35
RENNYLEA H556	NORH556	5	7.7	32
RENNYLEA K163	NORK163	19	8.4	25
RENNYLEA K178	NORK178	16	7.5	33
STONEY POINT HEINEKEN H22	SGMH22	11	9.4	12
TWYNAM J122	NXTJ122	7	9.8	8

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 6 - Carcase IMF (%)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
WAITARA TB KNOCKOUT K61	BSCK61	10	9.4	12
WEATHERLY JAMES J17	CWDJ17	15	9.8	8
WEERAN JOEL J13	VHWJ13	9	9.2	17

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 6 - Net Feed Intake (kg/day)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
AJC E91	NXOE91	9	-3.1	29
ARDCAIRNIE J27	WJMJ27	21	-3.2	26
ARDROSSAN HONOUR H255	NAQH255	22	-2.8	35
AYRVALE GENETIC G11	HIOG11	10	-3.6	17
BANNABY ABERDEEN J137	ECMJ137	14	-3.9	8
BANNABY DAIQUIRI J56	ECMJ56	13	-3.7	14
BOONAROO FEDERATION F49	HCAF49	17	-3.4	24
BOOROOMOOKA KINGY K9	NGMK9	12	-3.0	33
BOWMAN AUSTRALIA K2	BOWK2	10	-4.5	2
BROOKLANA DREAM H29	AMQH29	16	-3.1	29
BROOKLANA HI TOWER H64	AMQH64	13	-2.6	38
BROOKLANA TM EMPEROR J64	AMQJ64	20	-4.0	7
CLEA H028	NRZH028	20	-3.2	26
COFFIN CREEK JOKER J202	NIWJ202	16	-4.1	5
COOLANA CONVERSION - K026	VCCK026	14	-3.9	8
COONAMBLE JUNIOR J266	WDCJ266	10	-3.5	19
DAVID'S HARVEY ALLBANGER H42	CWDH42	12	-3.8	10
DENHOLM GLEN G10 BARTEL J41	EDUJ41	20	-3.8	10
DULVERTON JACKPOT J267	NGCJ267	10	-2.6	38
DUNOON HIGHPOINT H744	BHRH744	15	-4.2	3
GK 26 FEDERER F23	QFCF23	10	-3.2	26
GRANITE RIDGE JUPITER J42	SJKJ42	7	-4.2	3
HARDHAT GM AGRONOMIST Y21 J516	DKKJ516	12	-3.8	10
HARDHAT GM GRASS RANGE Y21 J518	DKKJ518	14	-3.5	19
MILLAH MURRAH KINGDOM K35	NMMK35	15	-3.7	14
MILLAH MURRAH KLOONEY K42	NMMK42	11	-3.1	29
MURDEDUKE JAMBOREE J26	CSWJ26	15	-3.5	19
MURRAY GRANDO J136	NURJ136	11	-2.5	41
MURRAY JUDGE J14	NURJ14	16	-3.0	33
NEWLYN PARK EMPEROR J6	SKOJ6	8	-3.6	17
PA RANCH HOUSE 349	USA17585042	15	-2.6	38
PARINGA RED PILBARA K146	HKFK146	12	-2.7	36
RAFF HINGAIA J347	QRFJ347	16	-4.1	5
RENNYLEA H556	NORH556	6	-3.1	29
RENNYLEA K163	NORK163	19	-3.5	19
RENNYLEA K178	NORK178	16	-3.8	10
STONEY POINT HEINEKEN H22	SGMH22	12	-3.7	14
TWYNAM J122	NXTJ122	7	-3.5	19

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 6 - Net Feed Intake (kg/day)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
WAITARA TB KNOCKOUT K61	BSCK61	8	-4.6	1
WEATHERLY JAMES J17	CWDJ17	14	-3.4	24
WEERAN JOEL J13	VHWJ13	9	-2.7	36

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 6 - MSA Marble Score (Score)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
AJC E91	NXOE91	10	619.8	1
ARDCAIRNIE J27	WJMJ27	21	493.2	23
ARDROSSAN HONOUR H255	NAQH255	22	498.1	22
AYRVALE GENETIC G11	HIOG11	11	499.8	20
BANNABY ABERDEEN J137	ECMJ137	16	438.7	37
BANNABY DAIQUIRI J56	ECMJ56	13	546.4	7
BOONAROO FEDERATION F49	HCAF49	17	426.0	41
BOOROOMOOKA KINGY K9	NGMK9	11	517.9	15
BOWMAN AUSTRALIA K2	BOWK2	10	503.5	19
BROOKLANA DREAM H29	AMQH29	16	473.5	28
BROOKLANA HI TOWER H64	AMQH64	13	489.2	24
BROOKLANA TM EMPEROR J64	AMQJ64	20	482.6	27
CLEA H028	NRZH028	20	545.6	8
COFFIN CREEK JOKER J202	NIWJ202	16	439.5	36
COOLANA CONVERSION - K026	VCCK026	13	518.0	14
COONAMBLE JUNIOR J266	WDCJ266	8	554.1	5
DAVID'S HARVEY ALLBANGER H42	CWDH42	10	454.8	35
DENHOLM GLEN G10 BARTEL J41	EDUJ41	19	473.4	29
DULVERTON JACKPOT J267	NGCJ267	10	554.6	4
DUNOON HIGHPOINT H744	BHRH744	14	522.3	13
GK 26 FEDERER F23	QFCF23	10	432.3	40
GRANITE RIDGE JUPITER J42	SJKJ42	7	456.7	34
HARDHAT GM AGRONOMIST Y21 J516	DKKJ516	12	508.0	17
HARDHAT GM GRASS RANGE Y21 J518	DKKJ518	14	463.9	31
MILLAH MURRAH KINGDOM K35	NMMK35	14	459.0	33
MILLAH MURRAH KLOONEY K42	NMMK42	12	513.1	16
MURDEDUKE JAMBOREE J26	CSWJ26	15	537.7	10
MURRAY GRANDO J136	NURJ136	11	603.1	2
MURRAY JUDGE J14	NURJ14	16	470.8	30
NEWLYN PARK EMPEROR J6	SKOJ6	8	499.8	20
PA RANCH HOUSE 349	USA17585042	16	507.6	18
PARINGA RED PILBARA K146	HKFK146	11	577.1	3
RAFF HINGAIA J347	QRFJ347	16	434.9	39
RENNYLEA H556	NORH556	5	435.7	38
RENNYLEA K163	NORK163	19	489.2	24
RENNYLEA K178	NORK178	17	462.2	32
STONEY POINT HEINEKEN H22	SGMH22	11	539.2	9
TWYNAM J122	NXTJ122	6	552.8	6

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 6 - MSA Marble Score (Score)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
WAITARA TB KNOCKOUT K61	BSCK61	9	483.5	26
WEATHERLY JAMES J17	CWDJ17	15	534.7	11
WEERAN JOEL J13	VHWJ13	8	533.4	12

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 6 - MSA Ossification (Score)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
AJC E91	NXOE91	10	136.0	3
ARDCAIRNIE J27	WJMJ27	21	141.5	16
ARDROSSAN HONOUR H255	NAQH255	22	141.0	14
AYRVALE GENETIC G11	HIOG11	11	145.9	30
BANNABY ABERDEEN J137	ECMJ137	16	131.7	1
BANNABY DAIQUIRI J56	ECMJ56	13	145.7	28
BOONAROO FEDERATION F49	HCAF49	17	143.8	22
BOOROOMOOKA KINGY K9	NGMK9	11	148.5	35
BOWMAN AUSTRALIA K2	BOWK2	10	141.5	16
BROOKLANA DREAM H29	AMQH29	16	147.6	33
BROOKLANA HI TOWER H64	AMQH64	13	147.3	31
BROOKLANA TM EMPEROR J64	AMQJ64	20	140.8	13
CLEA H028	NRZH028	20	145.7	28
COFFIN CREEK JOKER J202	NIWJ202	16	137.8	8
COOLANA CONVERSION - K026	VCCK026	13	143.0	19
COONAMBLE JUNIOR J266	WDCJ266	8	149.8	37
DAVID'S HARVEY ALLBANGER H42	CWDH42	10	151.7	40
DENHOLM GLEN G10 BARTEL J41	EDUJ41	19	141.2	15
DULVERTON JACKPOT J267	NGCJ267	10	137.9	9
DUNOON HIGHPOINT H744	BHRH744	14	151.5	39
GK 26 FEDERER F23	QFCF23	10	136.7	6
GRANITE RIDGE JUPITER J42	SJKJ42	7	137.5	7
HARDHAT GM AGRONOMIST Y21 J516	DKKJ516	12	135.9	2
HARDHAT GM GRASS RANGE Y21 J518	DKKJ518	14	140.1	11
MILLAH MURRAH KINGDOM K35	NMMK35	14	144.2	23
MILLAH MURRAH KLOONEY K42	NMMK42	12	145.2	25
MURDEDUKE JAMBOREE J26	CSWJ26	15	143.0	19
MURRAY GRANDO J136	NURJ136	11	145.6	27
MURRAY JUDGE J14	NURJ14	16	139.3	10
NEWLYN PARK EMPEROR J6	SKOJ6	8	151.4	38
PA RANCH HOUSE 349	USA17585042	16	149.7	36
PARINGA RED PILBARA K146	HKFK146	11	142.9	18
RAFF HINGAIA J347	QRFJ347	16	145.4	26
RENNYLEA H556	NORH556	5	154.1	41
RENNYLEA K163	NORK163	19	143.1	21
RENNYLEA K178	NORK178	17	144.8	24
STONEY POINT HEINEKEN H22	SGMH22	11	136.3	4
TWYNAM J122	NXTJ122	6	140.6	12

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 6 - MSA Ossification (Score)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
WAITARA TB KNOCKOUT K61	BSCK61	9	147.8	34
WEATHERLY JAMES J17	CWDJ17	15	136.5	5
WEERAN JOEL J13	VHWJ13	8	147.3	31

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 6 - MSA Index (Index)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
AJC E91	NXOE91	10	66.7	1
ARDCAIRNIE J27	WJMJ27	21	65.3	9
ARDROSSAN HONOUR H255	NAQH255	22	64.8	17
AYRVALE GENETIC G11	HIOG11	11	64.7	19
BANNABY ABERDEEN J137	ECMJ137	14	64.2	33
BANNABY DAIQUIRI J56	ECMJ56	13	65.1	13
BOONAROO FEDERATION F49	HCAF49	17	63.9	39
BOOROOMOOKA KINGY K9	NGMK9	10	65.0	16
BOWMAN AUSTRALIA K2	BOWK2	10	64.7	19
BROOKLANA DREAM H29	AMQH29	15	64.0	36
BROOKLANA HI TOWER H64	AMQH64	13	64.7	19
BROOKLANA TM EMPEROR J64	AMQJ64	20	64.6	23
CLEA H028	NRZH028	19	65.5	6
COFFIN CREEK JOKER J202	NIWJ202	16	64.3	30
COOLANA CONVERSION - K026	VCCK026	12	64.8	17
COONAMBLE JUNIOR J266	WDCJ266	8	65.2	10
DAVID'S HARVEY ALLBANGER H42	CWDH42	10	63.4	40
DENHOLM GLEN G10 BARTEL J41	EDUJ41	18	64.3	30
DULVERTON JACKPOT J267	NGCJ267	10	65.8	2
DUNOON HIGHPOINT H744	BHRH744	14	64.4	27
GK 26 FEDERER F23	QFCF23	10	64.4	27
GRANITE RIDGE JUPITER J42	SJKJ42	7	64.3	30
HARDHAT GM AGRONOMIST Y21 J516	DKKJ516	12	65.2	10
HARDHAT GM GRASS RANGE Y21 J518	DKKJ518	14	64.2	33
MILLAH MURRAH KINGDOM K35	NMMK35	14	64.0	36
MILLAH MURRAH KLOONEY K42	NMMK42	12	65.1	13
MURDEDUKE JAMBOREE J26	CSWJ26	15	65.1	13
MURRAY GRANDO J136	NURJ136	11	65.8	2
MURRAY JUDGE J14	NURJ14	16	64.7	19
NEWLYN PARK EMPEROR J6	SKOJ6	8	64.5	24
PA RANCH HOUSE 349	USA17585042	16	64.5	24
PARINGA RED PILBARA K146	HKFK146	11	65.4	7
RAFF HINGAIA J347	QRFJ347	16	64.0	36
RENNYLEA H556	NORH556	5	63.4	40
RENNYLEA K163	NORK163	19	64.4	27
RENNYLEA K178	NORK178	17	64.2	33
STONEY POINT HEINEKEN H22	SGMH22	11	65.7	5
TWYNAM J122	NXTJ122	6	65.8	2

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 6 - MSA Index (Index)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
WAITARA TB KNOCKOUT K61	BSCK61	9	64.5	24
WEATHERLY JAMES J17	CWDJ17	15	65.4	7
WEERAN JOEL J13	VHWJ13	8	65.2	10

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: 6 - Docility (Score)

Sire Name	Sire ID	Number of Progeny	Progeny % Score 1-1.5	Rank
AJC E91	NXOE91	20	45.0	37
ARDCAIRNIE J27	WJMJ27	31	51.6	32
ARDROSSAN HONOUR H255	NAQH255	31	38.7	40
AYRVALE GENETIC G11	HIOG11	18	100.0	1
BANNABY ABERDEEN J137	ECMJ137	29	65.5	21
BANNABY DAIQUIRI J56	ECMJ56	30	73.3	9
BOONAROO FEDERATION F49	HCAF49	26	50.0	33
BOOROOMOOKA KINGY K9	NGMK9	23	69.6	16
BOWMAN AUSTRALIA K2	BOWK2	20	85.0	2
BROOKLANA DREAM H29	AMQH29	24	66.7	20
BROOKLANA HI TOWER H64	AMQH64	24	70.8	14
BROOKLANA TM EMPEROR J64	AMQJ64	32	40.6	39
CLEA H028	NRZH028	27	70.4	15
COFFIN CREEK JOKER J202	NIWJ202	28	67.9	19
COOLANA CONVERSION - K026	VCCK026	26	65.4	22
COONAMBLE JUNIOR J266	WDCJ266	22	63.6	24
DAVID'S HARVEY ALLBANGER H42	CWDH42	27	44.4	38
DENHOLM GLEN G10 BARTEL J41	EDUJ41	31	71.0	13
DULVERTON JACKPOT J267	NGCJ267	22	81.8	4
DUNOON HIGHPOINT H744	BHRH744	29	69.0	17
GK 26 FEDERER F23	QFCF23	24	79.2	6
GRANITE RIDGE JUPITER J42	SJKJ42	20	55.0	27
HARDHAT GM AGRONOMIST Y21 J516	DKKJ516	27	51.9	31
HARDHAT GM GRASS RANGE Y21 J518	DKKJ518	19	73.7	8
MILLAH MURRAH KINGDOM K35	NMMK35	29	72.4	10
MILLAH MURRAH KLOONEY K42	NMMK42	25	52.0	30
MURDEDUKE JAMBOREE J26	CSWJ26	29	37.9	41
MURRAY GRANDO J136	NURJ136	26	53.8	29
MURRAY JUDGE J14	NURJ14	24	50.0	33
NEWLYN PARK EMPEROR J6	SKOJ6	17	82.4	3
PA RANCH HOUSE 349	USA17585042	30	46.7	36
PARINGA RED PILBARA K146	HKFK146	20	55.0	27
RAFF HINGAIA J347	QRFJ347	29	72.4	10
RENNYLEA H556	NORH556	20	80.0	5
RENNYLEA K163	NORK163	32	71.9	12
RENNYLEA K178	NORK178	25	64.0	23
STONEY POINT HEINEKEN H22	SGMH22	32	62.5	26
TWYNAM J122	NXTJ122	22	63.6	24

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 6 - Docility (Score)

Sire Name	Sire ID	Number of Progeny	Progeny % Score 1-1.5	Rank
WAITARA TB KNOCKOUT K61	BSCK61	19	68.4	18
WEATHERLY JAMES J17	CWDJ17	26	50.0	33
WEERAN JOEL J13	VHWJ13	21	76.2	7

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 6 - Claw Set (Score)

Sire Name	Sire ID	Number of Progeny	Progeny % Score 5-6	Rank
AJC E91	NXOE91	20	75.0	22
ARDCAIRNIE J27	WJMJ27	34	61.8	33
ARDROSSAN HONOUR H255	NAQH255	35	88.6	2
AYRVALE GENETIC G11	HIOG11	21	81.0	15
BANNABY ABERDEEN J137	ECMJ137	33	60.6	34
BANNABY DAIQUIRI J56	ECMJ56	32	78.1	17
BOONAROO FEDERATION F49	HCAF49	29	82.8	13
BOOROOMOOKA KINGY K9	NGMK9	23	78.3	16
BOWMAN AUSTRALIA K2	BOWK2	23	87.0	6
BROOKLANA DREAM H29	AMQH29	25	76.0	19
BROOKLANA HI TOWER H64	AMQH64	26	84.6	11
BROOKLANA TM EMPEROR J64	AMQJ64	34	64.7	31
CLEA H028	NRZH028	27	85.2	10
COFFIN CREEK JOKER J202	NIWJ202	29	55.2	38
COOLANA CONVERSION - K026	VCCK026	28	85.7	8
COONAMBLE JUNIOR J266	WDCJ266	24	70.8	27
DAVID'S HARVEY ALLBANGER H42	CWDH42	28	67.9	28
DENHOLM GLEN G10 BARTEL J41	EDUJ41	36	55.6	37
DULVERTON JACKPOT J267	NGCJ267	25	72.0	25
DUNOON HIGHPOINT H744	BHRH744	34	88.2	3
GK 26 FEDERER F23	QFCF23	26	50.0	40
GRANITE RIDGE JUPITER J42	SJKJ42	22	90.9	1
HARDHAT GM AGRONOMIST Y21 J516	DKKJ516	29	51.7	39
HARDHAT GM GRASS RANGE Y21 J518	DKKJ518	21	61.9	32
MILLAH MURRAH KINGDOM K35	NMMK35	31	71.0	26
MILLAH MURRAH KLOONEY K42	NMMK42	30	73.3	23
MURDEDUKE JAMBOREE J26	CSWJ26	33	72.7	24
MURRAY GRANDO J136	NURJ136	29	82.8	13
MURRAY JUDGE J14	NURJ14	25	76.0	19
NEWLYN PARK EMPEROR J6	SKOJ6	22	40.9	41
PA RANCH HOUSE 349	USA17585042	34	55.9	36
PARINGA RED PILBARA K146	HKFK146	24	87.5	4
RAFF HINGAIA J347	QRFJ347	31	67.7	29
RENNYLEA H556	NORH556	21	85.7	8
RENNYLEA K163	NORK163	34	76.5	18
RENNYLEA K178	NORK178	29	86.2	7
STONEY POINT HEINEKEN H22	SGMH22	33	75.8	21
TWYNAM J122	NXTJ122	25	84.0	12

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 6 - Claw Set (Score)

Sire Name	Sire ID	Number of Progeny	Progeny % Score 5-6	Rank
WAITARA TB KNOCKOUT K61	BSCK61	20	60.0	35
WEATHERLY JAMES J17	CWDJ17	31	67.7	29
WEERAN JOEL J13	VHWJ13	24	87.5	4

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 6 - Foot Angle (Score)

Sire Name	Sire ID	Number of Progeny	Progeny % Score 5-6	Rank
AJC E91	NXOE91	20	90.0	25
ARDCAIRNIE J27	WJMJ27	34	82.4	38
ARDROSSAN HONOUR H255	NAQH255	35	94.3	17
AYRVALE GENETIC G11	HIOG11	21	95.2	15
BANNABY ABERDEEN J137	ECMJ137	33	97.0	10
BANNABY DAIQUIRI J56	ECMJ56	32	90.6	24
BOONAROO FEDERATION F49	HCAF49	29	86.2	35
BOOROOMOOKA KINGY K9	NGMK9	23	87.0	34
BOWMAN AUSTRALIA K2	BOWK2	23	91.3	22
BROOKLANA DREAM H29	AMQH29	25	88.0	29
BROOKLANA HI TOWER H64	AMQH64	26	88.5	28
BROOKLANA TM EMPEROR J64	AMQJ64	34	97.1	8
CLEA H028	NRZH028	27	85.2	36
COFFIN CREEK JOKER J202	NIWJ202	29	100.0	1
COOLANA CONVERSION - K026	VCCK026	28	100.0	1
COONAMBLE JUNIOR J266	WDCJ266	24	95.8	13
DAVID'S HARVEY ALLBANGER H42	CWDH42	28	89.3	27
DENHOLM GLEN G10 BARTEL J41	EDUJ41	36	97.2	7
DULVERTON JACKPOT J267	NGCJ267	25	88.0	29
DUNOON HIGHPOINT H744	BHRH744	34	97.1	8
GK 26 FEDERER F23	QFCF23	26	96.2	12
GRANITE RIDGE JUPITER J42	SJKJ42	22	95.5	14
HARDHAT GM AGRONOMIST Y21 J516	DKKJ516	29	82.8	37
HARDHAT GM GRASS RANGE Y21 J518	DKKJ518	21	95.2	15
MILLAH MURRAH KINGDOM K35	NMMK35	31	77.4	40
MILLAH MURRAH KLOONEY K42	NMMK42	30	93.3	19
MURDEDUKE JAMBOREE J26	CSWJ26	33	87.9	31
MURRAY GRANDO J136	NURJ136	29	79.3	39
MURRAY JUDGE J14	NURJ14	25	100.0	1
NEWLYN PARK EMPEROR J6	SKOJ6	22	90.9	23
PA RANCH HOUSE 349	USA17585042	34	76.5	41
PARINGA RED PILBARA K146	HKFK146	24	91.7	20
RAFF HINGAIA J347	QRFJ347	31	93.5	18
RENNYLEA H556	NORH556	21	100.0	1
RENNYLEA K163	NORK163	34	100.0	1
RENNYLEA K178	NORK178	29	96.6	11
STONEY POINT HEINEKEN H22	SGMH22	33	87.9	31
TWYNAM J122	NXTJ122	25	100.0	1

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 6 - Foot Angle (Score)

Sire Name	Sire ID	Number of Progeny	Progeny % Score 5-6	Rank
WAITARA TB KNOCKOUT K61	BSCK61	20	90.0	25
WEATHERLY JAMES J17	CWDJ17	31	87.1	33
WEERAN JOEL J13	VHWJ13	24	91.7	20

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 6 - Coat Type (Score)

Sire Name	Sire ID	Number of Progeny	Progeny % Score 1-2	Rank
AJC E91	NXOE91	16	93.8	8
ARDCAIRNIE J27	WJMJ27	29	89.7	13
ARDROSSAN HONOUR H255	NAQH255	28	78.6	27
AYRVALE GENETIC G11	HIOG11	17	82.4	23
BANNABY ABERDEEN J137	ECMJ137	24	87.5	15
BANNABY DAIQUIRI J56	ECMJ56	23	95.7	6
BOONAROO FEDERATION F49	HCAF49	24	70.8	40
BOOROOMOOKA KINGY K9	NGMK9	20	75.0	33
BOWMAN AUSTRALIA K2	BOWK2	19	89.5	14
BROOKLANA DREAM H29	AMQH29	20	80.0	25
BROOKLANA HI TOWER H64	AMQH64	22	86.4	17
BROOKLANA TM EMPEROR J64	AMQJ64	27	77.8	29
CLEA H028	NRZH028	22	77.3	32
COFFIN CREEK JOKER J202	NIWJ202	23	73.9	34
COOLANA CONVERSION - K026	VCCK026	22	95.5	7
COONAMBLE JUNIOR J266	WDCJ266	21	90.5	11
DAVID'S HARVEY ALLBANGER H42	CWDH42	20	90.0	12
DENHOLM GLEN G10 BARTEL J41	EDUJ41	30	93.3	9
DULVERTON JACKPOT J267	NGCJ267	16	100.0	1
DUNOON HIGHPOINT H744	BHRH744	28	71.4	38
GK 26 FEDERER F23	QFCF23	15	73.3	35
GRANITE RIDGE JUPITER J42	SJKJ42	20	80.0	25
HARDHAT GM AGRONOMIST Y21 J516	DKKJ516	24	83.3	20
HARDHAT GM GRASS RANGE Y21 J518	DKKJ518	14	85.7	19
MILLAH MURRAH KINGDOM K35	NMMK35	28	71.4	38
MILLAH MURRAH KLOONEY K42	NMMK42	23	78.3	28
MURDEDUKE JAMBOREE J26	CSWJ26	27	77.8	29
MURRAY GRANDO J136	NURJ136	22	86.4	17
MURRAY JUDGE J14	NURJ14	20	100.0	1
NEWLYN PARK EMPEROR J6	SKOJ6	18	72.2	37
PA RANCH HOUSE 349	USA17585042	29	96.6	5
PARINGA RED PILBARA K146	HKFK146	18	66.7	41
RAFF HINGAIA J347	QRFJ347	27	77.8	29
RENNYLEA H556	NORH556	17	82.4	23
RENNYLEA K163	NORK163	30	73.3	35
RENNYLEA K178	NORK178	21	100.0	1
STONEY POINT HEINEKEN H22	SGMH22	24	83.3	20
TWYNAM J122	NXTJ122	23	82.6	22

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 6 - Coat Type (Score)

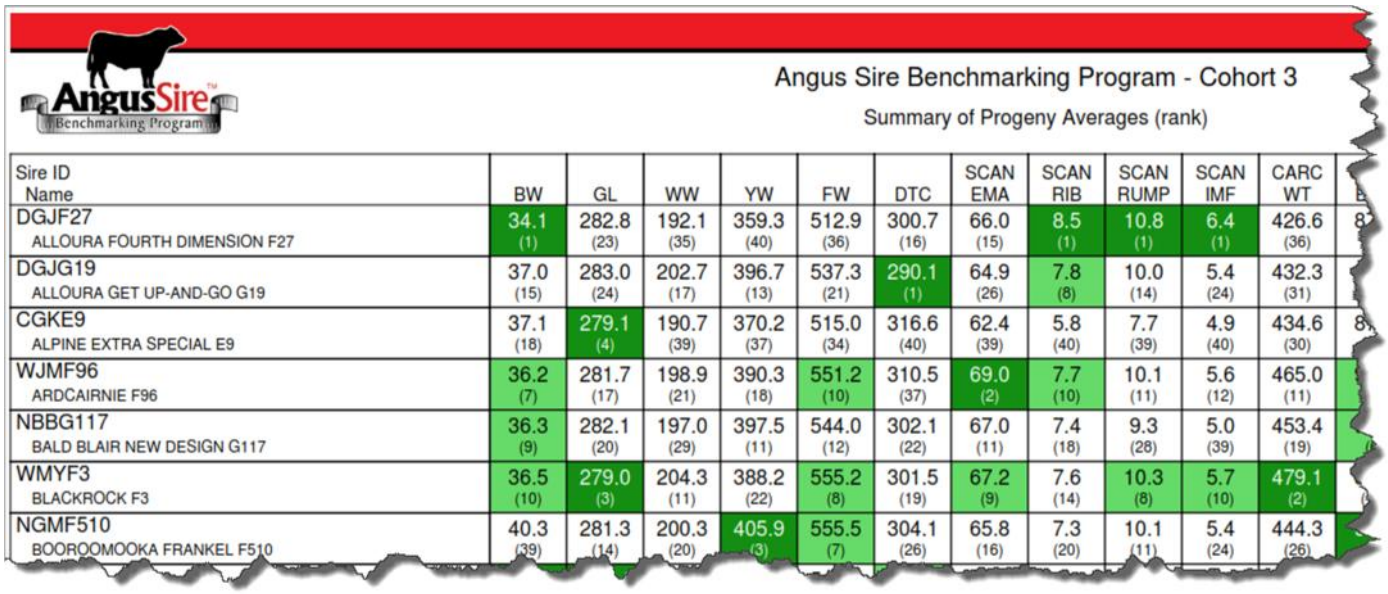
Sire Name	Sire ID	Number of Progeny	Progeny % Score 1-2	Rank
WAITARA TB KNOCKOUT K61	BSCK61	15	100.0	1
WEATHERLY JAMES J17	CWDJ17	24	87.5	15
WEERAN JOEL J13	VHWJ13	23	91.3	10

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 6

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
NXOE91 AJC E91	37.4 (18)	280.5 (29)	218.4 (9)	350.6 (21)	612.3 (19)	287.5 (4)	58.2 (40)	5.8 (9)	8.8 (8)	6.1 (9)	429.8 (20)	90.3 (24)	11.0 (4)	-3.1 (29)	619.8 (1)	136.0 (3)	66.7 (1)	45.0 (37)	75.0 (22)	90.0 (25)	93.8 (8)
WJMJ27 ARDCAIRNIE J27	34.7 (1)	278.4 (9)	220.5 (7)	362.4 (6)	639.0 (2)	297.5 (25)	61.4 (14)	6.0 (5)	8.7 (9)	6.1 (9)	460.9 (2)	87.6 (38)	8.9 (21)	-3.2 (26)	493.2 (23)	141.5 (16)	65.3 (9)	51.6 (32)	61.8 (33)	82.4 (38)	89.7 (13)
NAQH255 ARDROSSAN HONOUR H255	38.0 (24)	281.8 (34)	212.1 (25)	350.4 (22)	594.3 (37)	297.3 (24)	60.4 (22)	5.8 (9)	7.6 (35)	6.2 (7)	425.3 (29)	91.3 (18)	8.4 (25)	-2.8 (35)	498.1 (22)	141.0 (14)	64.8 (17)	38.7 (40)	88.6 (2)	94.3 (17)	78.6 (27)
HIOG11 AYRVALE GENETIC G11	37.7 (20)	280.4 (26)	223.9 (1)	364.1 (4)	636.9 (3)	294.8 (17)	59.5 (32)	5.1 (37)	7.9 (27)	6.0 (13)	423.4 (33)	88.1 (37)	9.3 (15)	-3.6 (17)	499.8 (20)	145.9 (30)	64.7 (19)	100.0 (1)	81.0 (15)	95.2 (15)	82.4 (23)
ECMJ137 BANNABY ABERDEEN J137	39.5 (36)	277.5 (3)	216.8 (12)	361.2 (9)	617.0 (14)	294.8 (17)	59.0 (37)	4.8 (41)	6.8 (41)	5.1 (41)	414.9 (37)	90.2 (26)	7.2 (37)	-3.9 (8)	438.7 (37)	131.7 (1)	64.2 (33)	65.5 (21)	60.6 (34)	97.0 (10)	87.5 (15)
ECMJ56 BANNABY DAIQUIRI J56	38.2 (28)	279.6 (18)	207.9 (34)	347.2 (29)	599.6 (31)	295.2 (21)	57.9 (41)	5.7 (14)	8.6 (12)	6.0 (13)	423.7 (32)	90.2 (26)	11.6 (1)	-3.7 (14)	546.4 (7)	145.7 (28)	65.1 (13)	73.3 (9)	78.1 (17)	90.6 (24)	95.7 (6)
HCAF49 BOONAROO FEDERATION F49	34.7 (1)	278.0 (4)	209.7 (30)	349.3 (27)	611.4 (20)	301.0 (31)	59.2 (34)	5.4 (27)	7.1 (40)	5.5 (39)	431.0 (17)	86.6 (41)	7.0 (39)	-3.4 (24)	426.0 (41)	143.8 (22)	63.9 (39)	50.0 (33)	82.8 (13)	86.2 (35)	70.8 (40)
NGMK9 BOOROOMOOKA KINGY K9	38.5 (31)	283.0 (39)	208.0 (33)	349.7 (26)	612.4 (18)	290.0 (8)	59.9 (27)	5.7 (14)	8.0 (26)	5.9 (21)	437.8 (12)	92.1 (14)	10.6 (5)	-3.0 (33)	517.9 (15)	148.5 (35)	65.0 (16)	69.6 (16)	78.3 (16)	87.0 (34)	75.0 (33)
BOWK2 BOWMAN AUSTRALIA K2	37.5 (19)	279.4 (17)	215.6 (16)	356.3 (14)	618.6 (13)	294.9 (20)	60.0 (26)	5.6 (18)	8.6 (12)	5.9 (21)	439.8 (11)	90.4 (23)	9.2 (17)	-4.5 (2)	503.5 (19)	141.5 (16)	64.7 (19)	85.0 (2)	87.0 (6)	91.3 (22)	89.5 (14)
AMQH29 BROOKLANA DREAM H29	39.0 (34)	279.8 (19)	211.2 (26)	342.1 (37)	601.9 (28)	293.7 (15)	61.5 (13)	5.2 (33)	7.8 (31)	6.0 (13)	427.3 (23)	95.0 (7)	7.1 (38)	-3.1 (29)	473.5 (28)	147.6 (33)	64.0 (36)	66.7 (20)	76.0 (19)	88.0 (29)	80.0 (25)
AMQH64 BROOKLANA HI TOWER H64	38.7 (32)	283.1 (40)	212.2 (23)	356.1 (15)	624.2 (8)	301.8 (33)	59.8 (30)	5.5 (21)	8.4 (16)	5.7 (33)	431.0 (17)	87.0 (39)	10.6 (5)	-2.6 (38)	489.2 (24)	147.3 (31)	64.7 (19)	70.8 (14)	84.6 (11)	88.5 (28)	86.4 (17)
AMQJ64 BROOKLANA TM EMPEROR J64	39.8 (38)	278.4 (9)	221.9 (4)	378.3 (1)	642.7 (1)	287.1 (2)	60.3 (24)	5.5 (21)	8.1 (22)	5.7 (33)	449.7 (7)	90.0 (30)	8.0 (29)	-4.0 (7)	482.6 (27)	140.8 (13)	64.6 (23)	40.6 (39)	64.7 (31)	97.1 (8)	77.8 (29)
NRZH028 CLEA H028	35.1 (3)	278.1 (5)	207.7 (35)	350.3 (24)	593.7 (39)	287.4 (3)	62.3 (4)	5.6 (18)	8.1 (22)	6.3 (4)	427.0 (24)	96.2 (5)	9.8 (8)	-3.2 (26)	545.6 (8)	145.7 (28)	65.5 (6)	70.4 (15)	85.2 (10)	85.2 (36)	77.3 (32)
NIWJ202 COFFIN CREEK JOKER J202	38.4 (30)	280.0 (20)	202.7 (40)	343.9 (35)	614.5 (17)	291.9 (10)	59.6 (31)	5.6 (18)	8.3 (18)	5.8 (25)	436.8 (13)	90.6 (22)	7.5 (33)	-4.1 (5)	439.5 (36)	137.8 (8)	64.3 (30)	67.9 (19)	55.2 (38)	100.0 (1)	73.9 (34)
VCCK026 COOLANA CONVERSION - K026	35.9 (6)	280.0 (20)	207.5 (37)	341.0 (39)	591.7 (41)	284.9 (1)	59.4 (33)	5.8 (9)	9.2 (5)	6.6 (1)	416.3 (35)	89.3 (33)	9.6 (11)	-3.9 (8)	518.0 (14)	143.0 (19)	64.8 (17)	65.4 (22)	85.7 (8)	100.0 (1)	95.5 (7)
WDCJ266 COONAMBLE JUNIOR J266	36.9 (14)	282.8 (38)	208.4 (31)	347.0 (31)	629.2 (6)	298.2 (28)	60.8 (21)	5.3 (30)	8.1 (22)	6.3 (4)	455.1 (3)	95.4 (6)	9.4 (12)	-3.5 (19)	554.1 (5)	149.8 (37)	65.2 (10)	63.6 (24)	70.8 (27)	95.8 (13)	90.5 (11)
CWDH42 DAVID'S HARVEY ALLBANGER H42	36.7 (13)	279.1 (15)	202.5 (41)	334.7 (40)	580.1 (45)	299.2 (29)	59.9 (27)	5.2 (33)	7.3 (39)	5.5 (39)	399.2 (41)	93.5 (10)	6.9 (40)	-3.8 (10)	454.8 (35)	151.7 (40)	63.4 (40)	44.4 (38)	67.9 (28)	89.3 (27)	90.0 (12)
EDUJ41 DENHOLM GLEN G10 BARTEL J41	36.1 (8)	280.2 (24)	206.7 (38)	345.9 (33)	596.5 (35)	303.2 (36)	61.4 (14)	5.7 (14)	9.0 (6)	5.9 (21)	413.3 (38)	92.2 (13)	8.2 (27)	-3.8 (10)	473.4 (29)	141.2 (15)	64.3 (30)	71.0 (13)	55.6 (37)	97.2 (7)	93.3 (9)
NGCJ267 DULVERTON JACKPOT J267	37.9 (23)	278.3 (6)	215.7 (14)	358.3 (12)	622.6 (10)	306.1 (41)	58.7 (38)	5.3 (30)	7.9 (27)	5.9 (21)	429.8 (20)	91.9 (15)	9.3 (15)	-2.6 (38)	554.6 (4)	137.9 (9)	65.8 (2)	81.8 (4)	72.0 (25)	88.0 (29)	100.0 (1)
BHRH744 DUNOON HIGHPOINT H744	37.7 (20)	281.2 (32)	207.6 (36)	345.5 (34)	607.7 (25)	297.6 (26)	58.4 (39)	5.5 (21)	8.5 (15)	5.8 (25)	435.4 (14)	88.3 (36)	8.2 (27)	-4.2 (3)	522.3 (13)	151.5 (39)	64.4 (27)	69.0 (17)	88.2 (3)	97.1 (8)	71.4 (38)
QFCF23 GK 26 FEDERER F23	39.8 (38)	282.5 (36)	222.0 (3)	359.0 (11)	615.3 (15)	294.1 (16)	59.2 (34)	5.8 (9)	8.6 (12)	5.7 (33)	415.5 (36)	86.2 (42)	6.2 (41)	-3.2 (26)	432.3 (40)	136.7 (6)	64.4 (27)	79.2 (6)	50.0 (40)	96.2 (12)	73.3 (35)
SJKJ42 GRANITE RIDGE JUPITER J42	36.4 (11)	278.3 (6)	217.8 (11)	361.8 (8)	618.7 (12)	303.7 (37)	61.1 (19)	5.5 (21)	7.4 (38)	5.7 (33)	409.7 (39)	90.2 (26)	8.9 (21)	-4.2 (3)	456.7 (34)	137.5 (7)	64.3 (30)	55.0 (27)	90.9 (1)	95.5 (14)	80.0 (25)

Angus Sire Benchmarking Program - Cohort 6

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
DKKJ516 HARDHAT GM AGRONOMIST Y21 J516	39.2 (35)	283.1 (40)	212.6 (22)	350.4 (22)	601.3 (30)	305.2 (39)	60.9 (20)	5.5 (21)	7.7 (34)	6.0 (13)	425.8 (27)	91.8 (17)	8.8 (23)	-3.8 (10)	508.0 (17)	135.9 (2)	65.2 (10)	51.9 (31)	51.7 (39)	82.8 (37)	83.3 (20)
DKKJ518 HARDHAT GM GRASS RANGE Y21 J518	38.9 (33)	281.0 (31)	215.7 (14)	348.4 (28)	596.2 (36)	301.8 (33)	62.0 (6)	5.1 (37)	7.9 (27)	5.7 (33)	425.5 (28)	97.4 (3)	7.8 (30)	-3.5 (19)	463.9 (31)	140.1 (11)	64.2 (33)	73.7 (8)	61.9 (32)	95.2 (15)	85.7 (19)
NMMK35 MILLAH MURRAH KINGDOM K35	39.5 (36)	282.3 (35)	208.4 (31)	341.8 (38)	602.7 (27)	296.0 (23)	60.4 (22)	5.0 (40)	7.6 (35)	5.6 (38)	420.6 (34)	89.0 (34)	7.4 (35)	-3.7 (14)	459.0 (33)	144.2 (23)	64.0 (36)	72.4 (10)	71.0 (26)	77.4 (40)	71.4 (38)
NMMK42 MILLAH MURRAH KLOONEY K42	38.0 (24)	279.2 (16)	211.2 (26)	342.4 (36)	597.3 (34)	288.7 (7)	60.1 (25)	5.3 (30)	8.3 (18)	5.8 (25)	424.1 (31)	91.2 (19)	9.2 (17)	-3.1 (29)	513.1 (16)	145.2 (25)	65.1 (13)	52.0 (30)	73.3 (23)	93.3 (19)	78.3 (28)
CSWJ26 MURDEDUKE JAMBOREE J26	37.3 (17)	279.0 (13)	215.1 (17)	353.5 (19)	606.6 (26)	301.2 (32)	59.2 (34)	5.1 (37)	7.9 (27)	5.8 (25)	425.0 (30)	91.1 (20)	9.9 (7)	-3.5 (19)	537.7 (10)	143.0 (19)	65.1 (13)	37.9 (41)	72.7 (24)	87.9 (31)	77.8 (29)
NURJ136 MURRAY GRANDO J136	35.7 (4)	277.3 (2)	210.9 (28)	350.7 (20)	611.0 (21)	288.6 (6)	61.7 (10)	5.2 (33)	7.6 (35)	6.1 (9)	427.7 (22)	94.0 (9)	11.2 (2)	-2.5 (41)	603.1 (2)	145.6 (27)	65.8 (2)	53.8 (29)	82.8 (13)	79.3 (39)	86.4 (17)
NURJ14 MURRAY JUDGE J14	37.0 (15)	278.3 (6)	212.2 (23)	346.5 (32)	610.4 (22)	292.8 (13)	61.9 (8)	5.9 (7)	8.7 (9)	5.8 (25)	448.7 (8)	90.2 (26)	7.8 (30)	-3.0 (33)	470.8 (30)	139.3 (10)	64.7 (19)	50.0 (33)	76.0 (19)	100.0 (1)	100.0 (1)
SKOJ6 NEWLYN PARK EMPEROR J6	40.0 (40)	278.4 (9)	223.4 (2)	364.9 (3)	628.5 (7)	288.2 (5)	61.3 (16)	5.5 (21)	7.8 (31)	6.0 (13)	441.2 (10)	90.3 (24)	8.5 (24)	-3.6 (17)	499.8 (20)	151.4 (38)	64.5 (24)	82.4 (3)	40.9 (41)	90.9 (23)	72.2 (37)
USA17585042 PA RANCH HOUSE 349	36.5 (12)	280.1 (22)	214.9 (18)	354.0 (18)	601.9 (28)	305.3 (40)	59.9 (27)	6.0 (5)	9.7 (1)	6.0 (13)	426.0 (26)	91.0 (21)	9.0 (20)	-2.6 (38)	507.6 (18)	149.7 (36)	64.5 (24)	46.7 (36)	55.9 (36)	76.5 (41)	96.6 (5)
HKFK146 PARINGA RED PILBARA K146	36.0 (7)	282.5 (36)	203.4 (39)	334.5 (41)	574.1 (48)	302.7 (35)	61.6 (12)	6.1 (4)	9.4 (4)	6.5 (2)	409.7 (39)	89.5 (32)	11.1 (3)	-2.7 (36)	577.1 (3)	142.9 (18)	65.4 (7)	55.0 (27)	87.5 (4)	91.7 (20)	66.7 (41)
QRFJ347 RAFF HINGAIA J347	40.1 (41)	279.0 (13)	216.8 (12)	362.0 (7)	619.3 (11)	297.8 (27)	63.9 (1)	5.2 (33)	7.8 (31)	6.0 (13)	453.9 (4)	100.4 (1)	7.4 (35)	-4.1 (5)	434.9 (39)	145.4 (26)	64.0 (36)	72.4 (10)	67.7 (29)	93.5 (18)	77.8 (29)
NORH556 RENNYLEA H556	38.1 (26)	281.3 (33)	213.8 (19)	355.7 (17)	598.6 (33)	293.5 (14)	62.2 (5)	5.4 (27)	8.3 (18)	6.2 (7)	430.3 (19)	91.9 (15)	7.7 (32)	-3.1 (29)	435.7 (38)	154.1 (41)	63.4 (40)	80.0 (5)	85.7 (8)	100.0 (1)	82.4 (23)
NORK163 RENNYLEA K163	35.8 (5)	280.8 (30)	213.6 (20)	347.2 (29)	609.3 (24)	294.8 (17)	62.7 (2)	6.2 (3)	9.7 (1)	6.3 (4)	431.9 (15)	98.0 (2)	8.4 (25)	-3.5 (19)	489.2 (24)	143.1 (21)	64.4 (27)	71.9 (12)	76.5 (18)	100.0 (1)	73.3 (35)
NORK178 RENNYLEA K178	37.0 (15)	277.0 (1)	210.1 (29)	350.3 (24)	599.3 (32)	292.3 (11)	62.0 (6)	5.9 (7)	8.7 (9)	5.8 (25)	426.6 (25)	96.7 (4)	7.5 (33)	-3.8 (10)	462.2 (32)	144.8 (24)	64.2 (33)	64.0 (23)	86.2 (7)	96.6 (11)	100.0 (1)
SGMH22 STONEY POINT HEINEKEN H22	38.3 (29)	280.4 (26)	219.3 (8)	362.9 (5)	623.9 (9)	295.7 (22)	61.7 (10)	5.4 (27)	8.3 (18)	5.8 (25)	452.8 (5)	93.2 (11)	9.4 (12)	-3.7 (14)	539.2 (9)	136.3 (4)	65.7 (5)	62.5 (26)	75.8 (21)	87.9 (31)	83.3 (20)
NXTJ122 TWYNAM J122	37.8 (22)	280.1 (22)	221.6 (5)	358.1 (13)	615.3 (15)	304.7 (38)	61.3 (16)	6.4 (1)	9.0 (6)	6.0 (13)	448.6 (9)	89.8 (31)	9.8 (8)	-3.5 (19)	552.8 (6)	140.6 (12)	65.8 (2)	63.6 (24)	84.0 (12)	100.0 (1)	82.6 (22)
BSCK61 WAITARA TB KNOCKOUT K61	36.2 (9)	280.3 (25)	218.1 (10)	366.1 (2)	629.6 (5)	292.7 (12)	62.6 (3)	5.8 (9)	8.4 (16)	5.8 (25)	450.5 (6)	88.4 (35)	9.4 (12)	-4.6 (1)	483.5 (26)	147.8 (34)	64.5 (24)	68.4 (18)	60.0 (35)	90.0 (25)	100.0 (1)
CWDJ17 WEATHERLY JAMES J17	38.1 (26)	280.4 (26)	213.3 (21)	356.1 (15)	609.5 (23)	291.7 (9)	61.2 (18)	6.4 (1)	9.5 (3)	6.5 (2)	431.6 (16)	94.5 (8)	9.8 (8)	-3.4 (24)	534.7 (11)	136.5 (5)	65.4 (7)	50.0 (33)	67.7 (29)	87.1 (33)	87.5 (15)
VHWJ13 WEERAN JOEL J13	36.2 (9)	278.7 (12)	220.7 (6)	359.4 (10)	634.6 (4)	300.1 (30)	61.9 (8)	5.7 (14)	8.1 (22)	6.1 (9)	476.7 (1)	93.2 (11)	9.2 (17)	-2.7 (36)	533.4 (12)	147.3 (31)	65.2 (10)	76.2 (7)	87.5 (4)	91.7 (20)	91.3 (10)

8.1.7 ASBP Cohort 7 Progeny Performance Report

AngusSire™
Benchmarking Program

PROGENY PERFORMANCE REPORT

COHORT 7

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 Feedlot
John Dee Abattoir
University of New England (UNE)
Vetoquinol

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.
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Bruce 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	ABI	DOM	GRN	GRS
NXOL172	**AJC L172** [SV]				+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
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
ABI	Angus Breeding Index
DOM	Domestic Index
GRN	Heavy Grain Index
GRS	Heavy Grass 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 7
Mid December 2020 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	ABI	DOM	GRN	GRS
USA15719841	**A A R TEN X 7008 S A** SV				+6.8	+5.9	-5.0	+2.6	+58	+103	+135	+105	+21	+2.4	-4.1	+79	+6.8	-1.9	-4.7	+1.9	+2.2	+0.46	-8	+1.04	+1.44	$152	$141	$172	$147
USA13880818	HBR	81	915	7	90%	77%	99%	98%	98%	98%	98%	97%	97%	97%	83%	95%	94%	95%	94%	93%	94%	87%	97%	99%	99%				
USA15151449					19	22	41	15	10	9	11	37	15	28	63	9	32	93	99	6	39	84	90	64	99	8	8	9	8
NXOK41	**AJC K41** PV				-11.1	+3.3	-9.2	+5.5	+62	+108	+145	+128	+15	+1.7	-5.9	+81	+10.2	-1.7	-3.6	+2.5	+2.8	+0.07	-2	+0.84	+1.00	$146	$130	$169	$143
USA15719841	APR	7	63	0	65%	48%	93%	93%	89%	88%	89%	83%	78%	75%	60%	86%	82%	86%	83%	82%	83%	78%	78%	79%	79%				
NXOH87					99	46	3	79	4	4	4	8	64	61	29	7	5	91	99	2	21	36	77	18	79	11	15	10	9
HBUK267	**ANVIL KOKODA K267** PV				+3.5	+2.8	-7.7	+4.5	+51	+92	+115	+90	+23	+1.7	-6.0	+57	+3.7	-0.7	-1.6	-0.4	+3.2	-0.29	+9	+0.98	+0.94	$123	$118	$143	$113
HCAG015	HBR	8	72	0	54%	42%	94%	91%	87%	88%	89%	81%	70%	75%	63%	87%	86%	89%	86%	86%	86%	83%	82%	85%	85%				
HBUF158					43	51	9	57	33	35	48	67	6	61	28	81	84	68	80	85	13	6	43	49	69	27	27	21	35
HIOL21	**AYRVALE LEGACY L21** PV				+0.2	-18.0	-6.1	+3.8	+56	+104	+144	+139	+23	+0.5	-3.0	+93	+11.1	-2.8	-1.2	+2.0	+2.0	-0.13	+15	+0.98	+1.16	$112	$95	$123	$109
VTMG555	HBR	14	101	7	59%	47%	96%	94%	90%	91%	91%	83%	74%	86%	59%	86%	84%	87%	84%	84%	84%	76%	85%	81%	81%				
HIOG13					66	99	24	38	13	8	5	4	8	96	81	1	3	99	71	5	47	15	23	49	95	39	58	33	40
ECMK63	**BANNABY REALITY K63** PV				+5.2	+1.6	-3.7	+3.4	+42	+74	+100	+93	+13	+1.6	+0.1	+52	+6.7	+0.0	-1.6	+1.1	+1.1	-0.05	+22	+1.04	+0.54	$50	$58	$32	$56
NZE14647008839	HBR	20	131	43	60%	47%	96%	95%	88%	89%	90%	82%	71%	78%	61%	88%	86%	89%	86%	86%	86%	83%	81%	83%	83%				
ECMH45					30	62	64	29	83	89	83	62	85	66	98	91	34	45	80	24	82	22	8	64	4	91	92	90	91
ECMK173	**BANNABY RESERVE K173** PV				+3.9	-1.6	-4.8	+6.1	+51	+80	+109	+117	+10	+1.1	-4.5	+63	+7.6	+0.1	-1.2	+1.6	+1.9	+0.07	+12	+0.90	+0.68	$90	$87	$85	$89
USA16916944	HBR	8	49	0	57%	43%	95%	92%	88%	89%	90%	83%	73%	76%	64%	89%	87%	89%	87%	87%	87%	84%	87%	88%	88%				
BNAE159					40	84	45	88	33	75	62	19	95	85	55	57	22	41	71	10	51	36	31	30	17	64	68	62	65
NGXL8	**BONGONGO L8** PV				+9.9	+10.0	-6.4	+1.7	+47	+84	+107	+99	+18	+2.8	-5.0	+59	+4.7	+2.0	-2.7	+0.3	+2.7	+0.07	-5	+0.98	+0.68	$100	$100	$108	$95
NZE14647008839	HBR	6	22	0	55%	45%	90%	87%	84%	85%	86%	81%	72%	72%	63%	84%	83%	86%	83%	84%	83%	79%	79%	81%	81%				
AHWG106					5	3	21	6	60	63	68	51	37	15	45	75	70	5	95	60	23	36	86	49	17	53	51	45	58
HCAK72	**BOONAROO KERNAL K72** PV				+10.6	+9.5	-7.3	+1.7	+48	+101	+129	+103	+26	+1.7	-1.2	+90	+4.0	-3.6	-5.1	+2.1	-0.1	-0.28	+19	+1.06	+0.78	$73	$90	$53	$83
HCAG020	HBR	7	70	0	52%	37%	91%	93%	90%	90%	90%	82%	75%	87%	57%	86%	84%	87%	85%	84%	84%	78%	76%	88%	86%				
HCAG111					4	4	12	6	56	12	17	41	3	61	95	1	81	99	99	4	99	7	12	68	36	79	65	82	72
NGMK270	**BOOROOMOOKA KULGERA K270** PV				+7.1	+4.7	-4.2	+4.2	+54	+92	+131	+85	+26	+2.6	-8.8	+73	+7.1	-2.8	-4.4	+2.3	+2.0	+0.26	+9	+0.76	+0.96	$175	$153	$187	$174
HIOE7	HBR	8	101	16	60%	50%	93%	94%	91%	92%	91%	83%	74%	86%	63%	86%	83%	86%	83%	84%	82%	77%	92%	87%	87%				
NGMH766					17	32	55	49	22	32	15	77	2	21	3	21	28	99	99	3	47	62	42	8	73	2	4	5	2
SRKK306	**BOWMONT KING K306** PV				-0.2	-13.6	-4.3	+4.7	+50	+78	+104	+85	+0	-0.1	-6.7	+70	+15.1	+0.1	-2.4	+1.7	+4.1	+0.79	+23	+0.86	+0.68	$155	$137	$186	$150
NJWG279	HBR	12	242	41	67%	55%	97%	97%	95%	95%	95%	87%	82%	93%	60%	90%	90%	91%	89%	89%	88%	84%	91%	84%	84%				
TFAD58					69	99	53	62	43	80	75	77	99	99	18	32	1	41	92	9	3	98	7	22	17	7	10	5	6
AMQK57	**BROOKLANA M REALITY K57** SV				+8.0	+0.6	-5.9	+3.9	+56	+104	+136	+143	+18	+2.4	-1.1	+76	+6.6	+2.5	-4.6	+0.9	+1.9	+0.49	+2	+1.02	+0.86	$65	$69	$65	$63
NZE14647008839	HBR	7	56	7	60%	48%	95%	92%	88%	87%	88%	81%	72%	77%	63%	86%	84%	87%	84%	83%	84%	80%	81%	81%	81%				
NJGF39					13	70	27	41	14	8	10	3	42	28	95	14	35	3	99	31	51	86	67	59	53	84	85	76	87
HYEJ7	**CHELTENHAM PARK BERKLEY J7** PV				-10.6	-1.6	-7.5	+9.1	+76	+129	+182	+196	+17	+3.5	-6.5	+101	+6.0	+0.0	-2.0	+1.1	+1.4	-0.35	-17	+1.06	+1.24	$101	$84	$103	$99
VTMB1	HBR	9	121	16	61%	52%	94%	93%	88%	88%	89%	83%	73%	76%	64%	87%	86%	89%	86%	86%	85%	83%	82%	85%	85%				
VSNG08					98	84	11	99	1	1	1	1	43	5	21	1	46	45	87	24	72	4	99	68	98	51	72	48	53
NBHK330	**CLUNIE RANGE KALUHA K330** PV				+1.7	-9.7	-6.1	+5.5	+56	+99	+131	+112	+19	+1.4	-10.4	+89	+10.0	+0.6	-0.9	+1.3	+3.2	+0.24	-9	+1.06	+0.84	$167	$150	$188	$161
NJWG279	HBR	12	287	32	65%	50%	97%	97%	94%	95%	95%	86%	79%	95%	65%	91%	90%	91%	89%	90%	88%	84%	93%	85%	85%				
NBHH381					56	99	24	79	13	16	15	25	26	75	1	2	6	26	63	17	13	59	91	68	49	4	5	5	3
NBHL348	**CLUNIE RANGE LEGEND L348** PV				-4.2	+7.8	-8.2	+6.3	+59	+101	+129	+158	+5	+3.0	-7.9	+74	+1.6	+3.6	+0.5	-1.6	+2.8	+0.07	+12	+0.78	+0.44	$70	$74	$71	$64
NZE14647008839	HBR	91	1151	352	76%	58%	99%	98%	97%	98%	98%	90%	82%	97%	64%	89%	90%	91%	88%	88%	88%	82%	96%	95%	94%				
AHWJ81					87	10	7	91	7	12	17	1	99	11	7	18	98	1	24	99	21	36	31	10	2	81	82	72	87
	Breed Average EBVs				**+2.0**	**+2.5**	**-4.5**	**+4.2**	**+48**	**+87**	**+114**	**+99**	**+17**	**+2.0**	**-4.8**	**+65**	**+6.0**	**-0.1**	**-0.4**	**+0.5**	**+2.0**	**+0.18**	**+6**	**+0.98**	**+0.85**	**+100**	**+100**	**+100**	**+100**

Angus Australia - Sire Benchmarking Program - Cohort 7
Mid December 2020 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	ABI	DOM	GRN	GRS
WDCK314	**COONAMBLE KEVIN K314** PV				-0.4	+1.0	-2.0	+4.8	+52	+99	+130	+114	+22	+4.3	-7.7	+88	+3.8	+0.0	+0.6	-0.3	+1.5	+0.15	+14	+1.12	+0.58	$96	$98	$83	$98
NAQA241	HBR	9	248	94	64%	51%	94%	96%	93%	91%	93%	86%	79%	88%	65%	88%	86%	89%	87%	85%	86%	80%	79%	81%	81%				
WDCD94					70	67	87	64	28	16	17	22	12	1	8	2	83	45	22	83	68	47	24	79	7	57	54	64	54
NGCL154	**DULVERTON LARRY L154** PV				+0.2	+5.0	-8.7	+6.0	+50	+95	+135	+113	+18	+1.1	-3.6	+82	+4.0	+0.4	-1.0	+0.4	+1.7	+0.93	-20	+0.96	+0.82	$90	$82	$79	$94
NGCH035	HBR	8	80	0	47%	33%	90%	89%	90%	91%	92%	81%	67%	85%	52%	88%	85%	88%	85%	87%	85%	80%	77%	80%	80%				
NGCH060					66	30	5	87	41	26	11	24	37	85	72	5	81	32	66	55	60	99	99	44	44	64	74	67	59
WWEL3	**ESSLEMONT LOTTO L3** PV				-7.0	-8.6	-5.9	+4.4	+59	+106	+138	+114	+23	+3.6	-10.1	+87	+11.3	+0.2	+0.1	+1.5	+4.1	+0.43	+6	+1.00	+1.12	$189	$162	$235	$182
HIOG18	HBR	91	1363	441	84%	68%	99%	99%	98%	98%	98%	94%	92%	98%	66%	93%	93%	93%	91%	90%	91%	87%	97%	96%	96%				
WWEJ8					94	99	27	54	7	6	8	22	9	4	1	3	3	38	34	12	3	81	51	54	92	1	2	1	1
USA16295688	**G A R PROPHET** SV				+3.9	+5.6	-1.0	+3.7	+67	+109	+134	+87	+26	+0.8	-11.2	+69	+6.2	+0.4	+0.2	-0.8	+4.5	+0.93	+9	+0.84	+0.98	$244	$210	$326	$220
USA13009379	HBR	113	3393	311	94%	82%	99%	99%	99%	99%	99%	98%	98%	98%	85%	97%	96%	97%	96%	95%	96%	92%	99%	99%	99%				
USA15129456					40	25	94	36	1	4	12	73	2	92	1	35	42	32	31	93	1	99	41	18	76	1	1	1	1
USA17328461	**G A R SURE FIRE** SV				+7.5	+0.4	-3.1	+2.3	+50	+91	+108	+91	+19	+4.1	-7.0	+67	+7.5	-0.8	+1.1	+1.5	+2.9	-0.31	+12	+0.82	+1.06	$161	$158	$182	$156
USA16205036	HBR	35	1195	83	85%	65%	99%	99%	98%	98%	98%	96%	96%	97%	72%	95%	94%	94%	93%	93%	93%	87%	94%	98%	98%				
USA16431932					15	71	73	11	41	36	67	67	27	2	15	44	23	71	13	12	19	5	31	15	87	5	3	6	5
ASRK7	**GATES KIPLING K7** PV				+2.3	-0.4	-6.5	+6.1	+54	+94	+134	+121	+16	+5.4	-7.2	+70	+2.7	+0.0	+0.7	-1.1	+3.8	+0.20	-18	+0.98	+0.88	$113	$92	$128	$111
USA16381311	HBR	9	86	16	57%	45%	93%	93%	89%	90%	89%	82%	73%	83%	61%	85%	82%	86%	83%	83%	82%	76%	89%	81%	81%				
NKLG14					52	77	19	88	22	28	12	14	59	1	13	30	93	45	19	96	5	54	99	49	57	38	62	30	38
NFWL039	**GLENAVON REVENUE L039** SV				-5.1	+8.1	-7.1	+5.8	+50	+95	+126	+113	+26	+0.6	+0.7	+70	+8.5	-1.2	-2.6	+0.8	+1.4	-0.53	-5	+0.94	+0.82	$49	$54	$40	$48
USA17220531	HBR	8	159	26	60%	46%	96%	96%	94%	94%	94%	85%	78%	90%	57%	89%	87%	89%	87%	88%	86%	79%	76%	80%	80%				
NFWE59					90	8	14	84	43	24	22	24	2	95	99	31	14	82	94	36	72	1	85	39	44	91	93	87	94
QBGH221	**GLENOCH HINMAN H221** SV				+6.2	-3.8	-3.2	+3.2	+54	+93	+124	+106	+22	+0.8	-5.0	+84	+5.5	-2.1	-3.6	+0.6	+4.6	-0.26	+2	+0.72	+0.82	$150	$124	$204	$137
BNAD145	HBR	11	200	4	67%	56%	97%	96%	94%	95%	95%	87%	87%	94%	68%	90%	89%	90%	88%	86%	87%	82%	82%	85%	84%				
QBGD80					23	93	72	25	21	31	26	36	13	92	45	4	55	95	99	45	1	7	65	5	44	9	20	3	13
DKKK15	**HARDHAT GM GRASS KING Y21 K15**				-15.4	-7.5	-4.5	+6.0	+45	+82	+96	+73	+10	+0.8	-2.4	+56	+7.4	-0.2	-0.1	+1.0	+0.9	-0.54	-6	+1.24	+1.18	$53	$74	$34	$55
USA16027094	HBR	7	52	0	55%	43%	92%	90%	86%	87%	88%	81%	70%	81%	60%	86%	84%	87%	84%	85%	84%	80%	82%	84%	84%				
NKLY21					99	99	50	87	70	70	88	91	94	92	88	83	24	52	39	27	88	1	86	93	96	90	82	89	91
NHZJ140	**HAZELDEAN JAIPUR J140** SV				+10.2	+11.5	-4.6	+2.8	+41	+78	+112	+92	+27	+2.7	-4.8	+77	+4.1	-0.9	-2.1	+1.2	+1.9	+1.04	+38	+0.76	+0.12	$89	$82	$79	$94
NAQA241	HBR	8	648	80	79%	61%	98%	98%	97%	97%	97%	92%	93%	97%	71%	92%	91%	92%	91%	89%	90%	85%	97%	94%	95%				
NHZC33					5	1	48	18	88	80	56	64	2	18	49	12	79	74	89	20	51	99	1	8	1	65	74	67	59
NKLL76	**KANSAS JUDD L76** SV				+1.4	+2.7	-2.8	+7.1	+58	+106	+138	+116	+19	+2.9	-3.7	+81	+5.4	-1.9	+0.8	+1.7	+3.3	-0.18	+21	+1.14	+1.34	$159	$145	$184	$154
NKLJ82	HBR	8	42	0	49%	35%	91%	87%	84%	85%	87%	78%	63%	65%	51%	86%	85%	88%	85%	86%	85%	81%	77%	84%	83%				
NKLG225					58	52	78	96	10	6	8	20	31	13	70	6	57	93	18	9	11	12	10	82	99	6	7	6	5
KILK18	**KILLAIN ALASKA K18** PV				-9.6	-2.7	-0.6	+7.1	+63	+121	+164	+167	+16	+2.9	-1.0	+90	+5.0	-1.9	-3.2	+1.6	-0.2	-0.66	+9	+0.80	+1.20	$36	$47	$10	$48
USA16417285	HBR	9	30	11	51%	39%	87%	85%	81%	82%	83%	78%	71%	72%	49%	82%	80%	84%	80%	83%	80%	74%	66%	75%	74%				
USA15107929					98	89	95	96	3	1	1	1	59	13	96	1	64	93	98	10	99	1	41	13	97	95	95	95	94
NMML133	**MILLAH MURRAH LOCH UP L133** PV				+7.3	+6.0	-6.2	+5.0	+59	+101	+133	+99	+21	+2.0	-2.7	+73	+2.1	-1.4	-1.9	+0.2	+1.7	-0.29	+22	+1.10	+0.70	$131	$123	$143	$124
USA17091363	HBR	99	1433	338	77%	62%	99%	99%	98%	98%	98%	93%	91%	98%	66%	92%	92%	92%	90%	89%	90%	85%	97%	95%	95%				
NMMH49					16	21	23	69	7	11	12	49	16	46	85	21	96	86	86	64	60	6	8	76	20	20	22	21	23
NURL20	**MURRAY DOWNLOAD L20** PV				+0.2	+3.3	-1.8	+4.9	+43	+72	+90	+78	+14	+1.4	-5.0	+40	+5.5	+0.1	+1.0	+0.9	+2.7	+0.48	+9	+1.08	+1.26	$107	$108	$110	$103
USA17314910	HBR	9	66	0	53%	37%	95%	93%	88%	88%	90%	82%	72%	74%	61%	87%	85%	88%	85%	86%	85%	81%	85%	87%	87%				
NURG34					66	46	88	67	80	92	93	86	72	75	45	99	55	41	14	31	23	85	40	72	98	44	40	43	48
	Breed Average EBVs				**+2.0**	**+2.5**	**-4.5**	**+4.2**	**+48**	**+87**	**+114**	**+99**	**+17**	**+2.0**	**-4.8**	**+65**	**+6.0**	**-0.1**	**-0.4**	**+0.5**	**+2.0**	**+0.18**	**+6**	**+0.98**	**+0.85**	**+100**	**+100**	**+100**	**+100**

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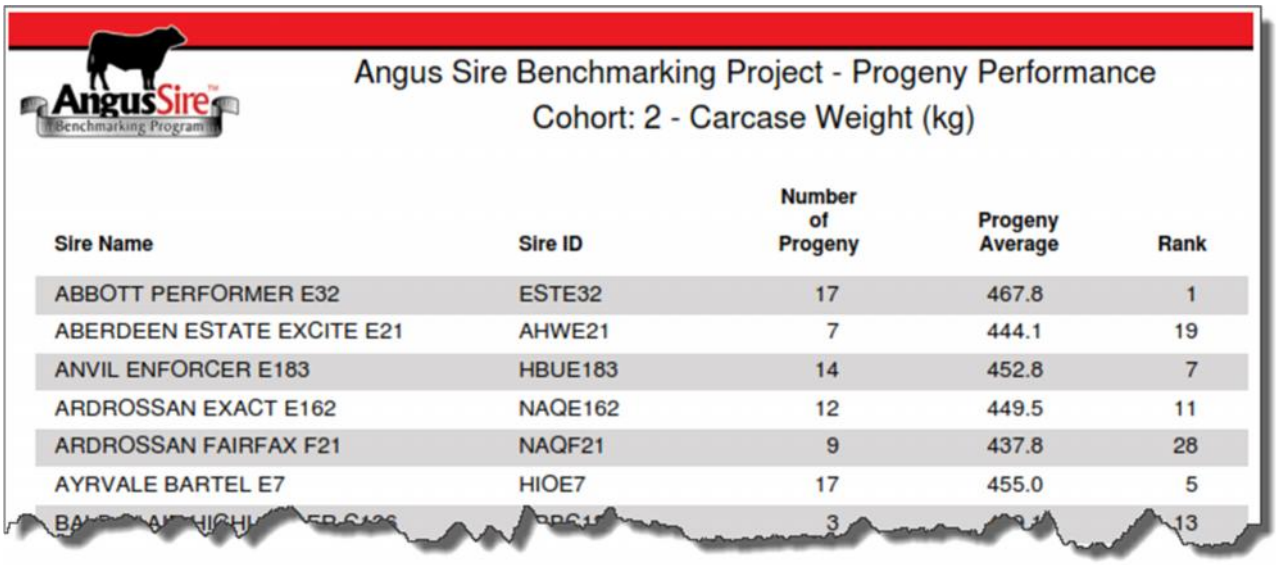
Ident	Name	Statistics			Estimated Breeding Values																									
					Calv-Ease		Birth		Growth					Fert		Carcase						Feed	Temp	Structural		Selection Index			
Sire Dam	Reg.	Num Herd	Prog	Prog 2Yr.	Dir	Dtrs	GL	BW	200	400	600	MCW	Milk	SS	DC	CW	EMA	Rib	P8	RBY	IMF	NFI-F	Doc	Angle	Claw	ABI	DOM	GRN	GRS
SMPK22	**PATHFINDER KOMPLETE K22** SV				+13.7	+11.6	-9.7	+0.5	+40	+75	+90	+62	+25	+2.6	-6.3	+57	+7.3	+3.4	+3.6	+0.0	+1.9	+0.36	+18	+0.86	+0.54	$130	$133	$131	$128
SMPG357	HBR	70	971	294	73%	52%	98%	98%	97%	97%	97%	88%	87%	96%	64%	91%	91%	92%	90%	91%	89%	84%	95%	93%	92%				
SMPH756					1	1	2	2	91	86	93	96	4	21	23	81	26	1	1	72	51	74	15	22	4	21	13	28	20
NORK835	**RENNYLEA K835** PV				-1.0	-2.5	-2.2	+6.1	+50	+89	+118	+95	+16	+3.1	-5.5	+63	+7.2	+0.9	-1.0	-0.2	+4.0	-0.13	-2	+1.14	+0.78	$117	$105	$138	$112
NORG420	APR	9	310	56	66%	49%	98%	95%	94%	94%	94%	86%	78%	86%	60%	87%	86%	89%	86%	86%	86%	79%	90%	82%	84%				
NORH514					73	88	85	88	43	44	41	57	57	9	36	60	27	19	66	79	3	15	78	82	36	33	44	24	37
NORK522	**RENNYLEA KODAK K522** SV				+11.4	+11.0	-6.3	+1.6	+48	+89	+120	+121	+12	+4.7	-7.4	+66	+3.3	+3.2	+1.1	-1.2	+4.0	+0.77	-4	+0.86	+0.76	$113	$100	$130	$111
NORE11	HBR	48	1185	261	75%	60%	99%	98%	97%	98%	97%	89%	85%	96%	67%	90%	90%	91%	89%	88%	88%	83%	94%	93%	93%				
NORF810					2	1	22	5	55	44	34	14	87	1	11	45	88	1	13	97	3	97	82	22	32	38	51	29	38
NZE19507013	**STORTH OAKS JACK J7** SV				+9.2	+8.1	-5.1	+5.0	+61	+113	+157	+149	+21	+4.1	-2.9	+86	+7.0	+0.1	-1.9	+0.1	+2.6	+0.41	+16	+1.08	+1.04	$109	$94	$119	$107
VTME343	HBR	10	218	156	72%	59%	98%	97%	95%	95%	96%	91%	83%	95%	64%	91%	90%	91%	89%	89%	88%	84%	94%	83%	83%				
NZE19507111G183					8	8	39	69	4	2	1	2	15	2	82	3	29	41	86	69	26	79	19	72	84	42	60	36	43
ELYH1	**TRIO DOCKLANDS H1** PV				+10.3	+3.5	-9.5	+2.0	+43	+83	+109	+73	+25	+2.5	-8.1	+65	+0.1	+1.9	+4.4	-1.1	+1.2	-0.34	+4	+1.18	+0.78	$125	$122	$115	$125
QHED62	HBR	10	104	1	61%	49%	91%	93%	91%	90%	90%	87%	84%	85%	61%	87%	84%	87%	84%	86%	83%	78%	81%	82%	81%				
NKLD15					4	44	3	8	80	66	64	91	3	25	6	49	99	6	1	96	79	5	58	87	36	25	23	39	22
NWPL4	**WATTLETOP LOCK L4** SV				-1.6	-0.9	-8.8	+6.3	+59	+108	+154	+143	+28	+1.7	-2.2	+98	+6.3	+1.3	+0.9	-0.3	+1.9	+0.07	-1	+0.84	+1.10	$93	$75	$99	$90
USA15738589	HBR	15	133	19	59%	46%	95%	95%	92%	93%	94%	85%	76%	91%	61%	88%	86%	89%	86%	86%	86%	81%	89%	81%	80%				
NWPJ70					77	80	5	91	7	5	2	3	1	61	89	1	40	12	16	83	51	36	75	18	91	60	81	52	64
	Breed Average EBVs				**+2.0**	**+2.5**	**-4.5**	**+4.2**	**+48**	**+87**	**+114**	**+99**	**+17**	**+2.0**	**-4.8**	**+65**	**+6.0**	**-0.1**	**-0.4**	**+0.5**	**+2.0**	**+0.18**	**+6**	**+0.98**	**+0.85**	**+100**	**+100**	**+100**	**+100**

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: 7 - Birth Weight (kg)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
A A R TEN X 7008 S A	USA15719841	31	38.2	19
AJC K41	NXOK41	23	38.7	26
ANVIL KOKODA K267	HBUK267	35	38.5	23
AYRVALE LEGACY L21	HIOL21	21	38.0	15
BANNABY REALITY K63	ECMK63	28	38.6	25
BANNABY RESERVE K173	ECMK173	32	38.7	26
BONGONGO L8	NGXL8	21	35.6	2
BOONAROO KERNAL K72	HCAK72	21	37.2	9
BOOROOMOOKA KULGERA K270	NGMK270	22	38.1	18
BOWMONT KING K306	SRKK306	31	37.5	11
BROOKLANA M REALITY K57	AMQK57	28	36.9	7
CHELTENHAM PARK BERKLEY J7	HYEJ7	29	40.3	33
CLUNIE RANGE KALUHA K330	NBHK330	38	38.2	19
CLUNIE RANGE LEGEND L348	NBHL348	18	38.7	26
COONAMBLE KEVIN K314	WDCK314	24	38.0	15
DULVERTON LARRY L154	NGCL154	23	38.2	19
ESSLEMONT LOTTO L3	WWEL3	31	37.3	10
G A R PROPHET	USA16295688	27	37.6	13
G A R SURE FIRE	USA17328461	31	36.7	5
GATES KIPLING K7	ASRK7	22	38.3	22
GLENAVON REVENUE L039	NFWL039	20	36.9	7
GLENOCH HINMAN H221	QBGH221	30	36.3	4
HARDHAT GM GRASS KING Y21 K15	DKKK15	28	39.3	32
HAZELDEAN JAIPUR J140	NHZJ140	34	36.7	5
KANSAS JUDD L76	NKLL76	26	38.5	23
KILLAIN ALASKA K18	KILK18	12	39.2	31
MILLAH MURRAH LOCH UP L133	NMML133	35	38.8	30
MURRAY DOWNLOAD L20	NURL20	33	38.0	15
PATHFINDER KOMPLETE K22	SMPK22	31	34.8	1
RENNYLEA K835	NORK835	23	40.8	34
RENNYLEA KODAK K522	NORK522	29	36.0	3
STORTH OAKS JACK J7	NZE19507013J7	26	38.7	26
TRIO DOCKLANDS H1	ELYH1	21	37.5	11
WATTLETOP LOCK L4	NWPL4	19	37.9	14

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 7 - Gestation Length (days)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
A A R TEN X 7008 S A	USA15719841	31	280.7	22
AJC K41	NXOK41	22	278.2	5
ANVIL KOKODA K267	HBUK267	34	279.4	10
AYRVALE LEGACY L21	HIOL21	21	280.0	16
BANNABY REALITY K63	ECMK63	27	281.1	26
BANNABY RESERVE K173	ECMK173	33	280.2	18
BONGONGO L8	NGXL8	20	278.6	6
BOONAROO KERNAL K72	HCAK72	21	279.5	13
BOOROOMOOKA KULGERA K270	NGMK270	22	280.7	22
BOWMONT KING K306	SRKK306	28	280.4	21
BROOKLANA M REALITY K57	AMQK57	28	279.4	10
CHELTENHAM PARK BERKLEY J7	HYEJ7	25	278.1	4
CLUNIE RANGE KALUHA K330	NBHK330	31	279.7	14
CLUNIE RANGE LEGEND L348	NBHL348	18	279.1	8
COONAMBLE KEVIN K314	WDCK314	23	281.1	26
DULVERTON LARRY L154	NGCL154	19	278.6	6
ESSLEMONT LOTTO L3	WWEL3	30	279.3	9
G A R PROPHET	USA16295688	21	282.6	33
G A R SURE FIRE	USA17328461	31	281.4	29
GATES KIPLING K7	ASRK7	22	280.0	16
GLENAVON REVENUE L039	NFWL039	18	279.4	10
GLENOCH HINMAN H221	QBGH221	29	281.1	26
HARDHAT GM GRASS KING Y21 K15	DKKK15	25	280.2	18
HAZELDEAN JAIPUR J140	NHZJ140	32	279.9	15
KANSAS JUDD L76	NKLL76	26	281.5	30
KILLAIN ALASKA K18	KILK18	10	282.9	34
MILLAH MURRAH LOCH UP L133	NMML133	33	280.2	18
MURRAY DOWNLOAD L20	NURL20	36	281.9	32
PATHFINDER KOMPLETE K22	SMPK22	31	278.0	2
RENNYLEA K835	NORK835	23	281.5	30
RENNYLEA KODAK K522	NORK522	27	280.8	24
STORTH OAKS JACK J7	NZE19507013J7	25	280.9	25
TRIO DOCKLANDS H1	ELYH1	21	278.0	2
WATTLETOP LOCK L4	NWPL4	21	277.9	1

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 7 - 200 Day Weight (kg)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
A A R TEN X 7008 S A	USA15719841	31	232.9	8
AJC K41	NXOK41	22	232.1	12
ANVIL KOKODA K267	HBUK267	32	234.5	4
AYRVALE LEGACY L21	HIOL21	21	234.5	4
BANNABY REALITY K63	ECMK63	27	230.0	16
BANNABY RESERVE K173	ECMK173	33	234.0	7
BONGONGO L8	NGXL8	22	228.8	19
BOONAROO KERNAL K72	HCAK72	20	229.1	17
BOOROOMOOKA KULGERA K270	NGMK270	21	235.2	3
BOWMONT KING K306	SRKK306	31	230.1	15
BROOKLANA M REALITY K57	AMQK57	28	234.5	4
CHELTENHAM PARK BERKLEY J7	HYEJ7	28	244.6	1
CLUNIE RANGE KALUHA K330	NBHK330	35	231.1	13
CLUNIE RANGE LEGEND L348	NBHL348	18	230.5	14
COONAMBLE KEVIN K314	WDCK314	23	225.8	27
DULVERTON LARRY L154	NGCL154	23	220.1	32
ESSLEMONT LOTTO L3	WWEL3	29	223.0	30
G A R PROPHET	USA16295688	22	232.4	9
G A R SURE FIRE	USA17328461	31	226.2	24
GATES KIPLING K7	ASRK7	21	232.4	9
GLENAVON REVENUE L039	NFWL039	21	223.6	29
GLENOCH HINMAN H221	QBGH221	30	226.6	22
HARDHAT GM GRASS KING Y21 K15	DKKK15	26	227.0	21
HAZELDEAN JAIPUR J140	NHZJ140	32	217.6	33
KANSAS JUDD L76	NKLL76	26	228.9	18
KILLAIN ALASKA K18	KILK18	10	226.1	26
MILLAH MURRAH LOCH UP L133	NMML133	35	240.7	2
MURRAY DOWNLOAD L20	NURL20	32	220.2	31
PATHFINDER KOMPLETE K22	SMPK22	31	213.5	34
RENNYLEA K835	NORK835	22	226.2	24
RENNYLEA KODAK K522	NORK522	29	226.5	23
STORTH OAKS JACK J7	NZE19507013J7	25	232.4	9
TRIO DOCKLANDS H1	ELYH1	19	224.9	28
WATTLETOP LOCK L4	NWPL4	21	228.2	20

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 7 - 400 Day Weight (kg)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
A A R TEN X 7008 S A	USA15719841	21	356.3	12
AJC K41	NXOK41	14	351.7	23
ANVIL KOKODA K267	HBUK267	30	356.4	11
AYRVALE LEGACY L21	HIOL21	17	367.0	3
BANNABY REALITY K63	ECMK63	23	349.5	26
BANNABY RESERVE K173	ECMK173	30	338.4	33
BONGONGO L8	NGXL8	17	353.0	20
BOONAROO KERNAL K72	HCAK72	15	363.8	5
BOOROOMOOKA KULGERA K270	NGMK270	17	352.6	21
BOWMONT KING K306	SRKK306	27	343.4	31
BROOKLANA M REALITY K57	AMQK57	20	364.7	4
CHELTENHAM PARK BERKLEY J7	HYEJ7	24	372.3	2
CLUNIE RANGE KALUHA K330	NBHK330	33	353.8	16
CLUNIE RANGE LEGEND L348	NBHL348	14	341.1	32
COONAMBLE KEVIN K314	WDCK314	19	353.2	18
DULVERTON LARRY L154	NGCL154	21	346.6	30
ESSLEMONT LOTTO L3	WWEL3	24	353.1	19
G A R PROPHET	USA16295688	17	359.4	9
G A R SURE FIRE	USA17328461	29	351.3	24
GATES KIPLING K7	ASRK7	18	351.0	25
GLENAVON REVENUE L039	NFWL039	17	355.4	14
GLENOCH HINMAN H221	QBGH221	26	349.2	27
HARDHAT GM GRASS KING Y21 K15	DKKK15	22	347.8	28
HAZELDEAN JAIPUR J140	NHZJ140	24	346.9	29
KANSAS JUDD L76	NKLL76	24	352.1	22
KILLAIN ALASKA K18	KILK18	9	356.2	13
MILLAH MURRAH LOCH UP L133	NMML133	28	361.8	7
MURRAY DOWNLOAD L20	NURL20	27	333.7	35
PATHFINDER KOMPLETE K22	SMPK22	26	336.3	34
RENNYLEA K835	NORK835	19	353.7	17
RENNYLEA KODAK K522	NORK522	24	354.1	15
STORTH OAKS JACK J7	NZE19507013J7	20	379.1	1
TRIO DOCKLANDS H1	ELYH1	16	357.5	10
WATTLETOP LOCK L4	NWPL4	17	360.3	8

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 7 - 600 Day Weight (kg)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
A A R TEN X 7008 S A	USA15719841	16	565.7	14
AJC K41	NXOK41	15	562.3	21
ANVIL KOKODA K267	HBUK267	22	555.6	26
AYRVALE LEGACY L21	HIOL21	14	569.9	10
BANNABY REALITY K63	ECMK63	25	548.9	30
BANNABY RESERVE K173	ECMK173	24	546.1	31
BONGONGO L8	NGXL8	15	564.2	16
BOONAROO KERNAL K72	HCAK72	16	569.6	11
BOOROOMOOKA KULGERA K270	NGMK270	13	565.2	15
BOWMONT KING K306	SRKK306	23	552.0	27
BROOKLANA M REALITY K57	AMQK57	15	585.9	3
CHELTENHAM PARK BERKLEY J7	HYEJ7	20	597.3	2
CLUNIE RANGE KALUHA K330	NBHK330	29	561.7	22
CLUNIE RANGE LEGEND L348	NBHL348	13	562.5	20
COONAMBLE KEVIN K314	WDCK314	14	577.3	5
DULVERTON LARRY L154	NGCL154	21	566.8	12
ESSLEMONT LOTTO L3	WWEL3	28	552.0	27
G A R PROPHET	USA16295688	11	562.7	19
G A R SURE FIRE	USA17328461	25	564.2	16
GATES KIPLING K7	ASRK7	14	575.2	6
GLENAVON REVENUE L039	NFWL039	15	557.3	25
GLENOCH HINMAN H221	QBGH221	20	560.3	23
HARDHAT GM GRASS KING Y21 K15	DKKK15	19	538.5	33
HAZELDEAN JAIPUR J140	NHZJ140	19	558.0	24
KANSAS JUDD L76	NKLL76	24	563.8	18
KILLAIN ALASKA K18	KILK18	9	574.2	7
MILLAH MURRAH LOCH UP L133	NMML133	27	570.5	9
MURRAY DOWNLOAD L20	NURL20	23	540.8	32
PATHFINDER KOMPLETE K22	SMPK22	26	536.8	34
RENNYLEA K835	NORK835	19	566.7	13
RENNYLEA KODAK K522	NORK522	22	551.8	29
STORTH OAKS JACK J7	NZE19507013J7	19	598.8	1
TRIO DOCKLANDS H1	ELYH1	13	571.4	8
WATTLETOP LOCK L4	NWPL4	15	582.6	4

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 7 - Days to Calving (heifers) (days)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
A A R TEN X 7008 S A	USA15719841	13	304.8	13
AJC K41	NXOK41	7	300.6	7
ANVIL KOKODA K267	HBUK267	14	308.5	17
AYRVALE LEGACY L21	HIOL21	6	303.5	10
BANNABY REALITY K63	ECMK63	6	319.8	32
BANNABY RESERVE K173	ECMK173	13	305.2	15
BONGONGO L8	NGXL8	9	308.9	18
BOONAROO KERNAL K72	HCAK72	7	318.9	31
BOOROOMOOKA KULGERA K270	NGMK270	7	289.4	1
BOWMONT KING K306	SRKK306	4	304.9	14
BROOKLANA M REALITY K57	AMQK57	10	316.2	29
CHELTENHAM PARK BERKLEY J7	HYEJ7	8	308.9	18
CLUNIE RANGE KALUHA K330	NBHK330	13	297.1	4
CLUNIE RANGE LEGEND L348	NBHL348	4	297.9	5
COONAMBLE KEVIN K314	WDCK314	7	304.7	12
DULVERTON LARRY L154	NGCL154	5	295.0	2
ESSLEMONT LOTTO L3	WWEL3	11	298.6	6
G A R PROPHET	USA16295688	7	295.0	2
G A R SURE FIRE	USA17328461	13	315.6	28
GATES KIPLING K7	ASRK7	9	303.7	11
GLENAVON REVENUE L039	NFWL039	5	314.9	26
GLENOCH HINMAN H221	QBGH221	13	313.3	24
HARDHAT GM GRASS KING Y21 K15	DKKK15	10	302.7	9
HAZELDEAN JAIPUR J140	NHZJ140	8	318.5	30
KANSAS JUDD L76	NKLL76	6	314.1	25
KILLAIN ALASKA K18	KILK18	0	0.0	0
MILLAH MURRAH LOCH UP L133	NMML133	15	311.7	21
MURRAY DOWNLOAD L20	NURL20	13	315.5	27
PATHFINDER KOMPLETE K22	SMPK22	9	309.7	20
RENNYLEA K835	NORK835	9	313.2	23
RENNYLEA KODAK K522	NORK522	8	313.0	22
STORTH OAKS JACK J7	NZE19507013J7	4	301.9	8
TRIO DOCKLANDS H1	ELYH1	6	306.8	16
WATTLETOP LOCK L4	NWPL4	6	319.9	33

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 7 - Scan EMA (sq cm)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
A A R TEN X 7008 S A	USA15719841	23	56.6	15
AJC K41	NXOK41	21	58.4	5
ANVIL KOKODA K267	HBUK267	31	55.8	21
AYRVALE LEGACY L21	HIOL21	19	59.0	1
BANNABY REALITY K63	ECMK63	27	55.5	25
BANNABY RESERVE K173	ECMK173	31	55.0	31
BONGONGO L8	NGXL8	20	55.3	27
BOONAROO KERNAL K72	HCAK72	20	57.4	11
BOOROOMOOKA KULGERA K270	NGMK270	17	56.0	20
BOWMONT KING K306	SRKK306	28	56.5	17
BROOKLANA M REALITY K57	AMQK57	25	55.3	27
CHELTENHAM PARK BERKLEY J7	HYEJ7	27	58.5	4
CLUNIE RANGE KALUHA K330	NBHK330	34	57.1	12
CLUNIE RANGE LEGEND L348	NBHL348	16	55.6	24
COONAMBLE KEVIN K314	WDCK314	20	58.1	7
DULVERTON LARRY L154	NGCL154	23	53.9	34
ESSLEMONT LOTTO L3	WWEL3	31	58.8	2
G A R PROPHET	USA16295688	17	56.7	14
G A R SURE FIRE	USA17328461	30	56.8	13
GATES KIPLING K7	ASRK7	18	56.4	18
GLENAVON REVENUE L039	NFWL039	19	57.6	9
GLENOCH HINMAN H221	QBGH221	30	56.1	19
HARDHAT GM GRASS KING Y21 K15	DKKK15	25	58.8	2
HAZELDEAN JAIPUR J140	NHZJ140	24	56.6	15
KANSAS JUDD L76	NKLL76	25	55.3	27
KILLAIN ALASKA K18	KILK18	10	55.7	23
MILLAH MURRAH LOCH UP L133	NMML133	33	55.4	26
MURRAY DOWNLOAD L20	NURL20	29	55.0	31
PATHFINDER KOMPLETE K22	SMPK22	31	55.8	21
RENNYLEA K835	NORK835	22	57.5	10
RENNYLEA KODAK K522	NORK522	27	55.0	31
STORTH OAKS JACK J7	NZE19507013J7	25	58.2	6
TRIO DOCKLANDS H1	ELYH1	17	55.1	30
WATTLETOP LOCK L4	NWPL4	21	58.0	8

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 7 - Scan Rib Fat (mm)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
A A R TEN X 7008 S A	USA15719841	23	3.6	32
AJC K41	NXOK41	21	4.1	23
ANVIL KOKODA K267	HBUK267	31	4.3	19
AYRVALE LEGACY L21	HIOL21	19	4.3	19
BANNABY REALITY K63	ECMK63	27	3.8	30
BANNABY RESERVE K173	ECMK173	31	4.0	27
BONGONGO L8	NGXL8	20	4.6	12
BOONAROO KERNAL K72	HCAK72	20	3.9	28
BOOROOMOOKA KULGERA K270	NGMK270	17	3.8	30
BOWMONT KING K306	SRKK306	28	4.3	19
BROOKLANA M REALITY K57	AMQK57	26	4.4	18
CHELTENHAM PARK BERKLEY J7	HYEJ7	27	4.5	15
CLUNIE RANGE KALUHA K330	NBHK330	34	4.8	6
CLUNIE RANGE LEGEND L348	NBHL348	16	4.8	6
COONAMBLE KEVIN K314	WDCK314	20	4.9	5
DULVERTON LARRY L154	NGCL154	23	4.1	23
ESSLEMONT LOTTO L3	WWEL3	31	5.1	4
G A R PROPHET	USA16295688	17	4.7	10
G A R SURE FIRE	USA17328461	30	4.5	15
GATES KIPLING K7	ASRK7	19	4.1	23
GLENAVON REVENUE L039	NFWL039	19	3.6	32
GLENOCH HINMAN H221	QBGH221	30	4.6	12
HARDHAT GM GRASS KING Y21 K15	DKKK15	26	4.8	6
HAZELDEAN JAIPUR J140	NHZJ140	24	3.9	28
KANSAS JUDD L76	NKLL76	25	4.5	15
KILLAIN ALASKA K18	KILK18	10	3.4	34
MILLAH MURRAH LOCH UP L133	NMML133	33	4.1	23
MURRAY DOWNLOAD L20	NURL20	30	4.3	19
PATHFINDER KOMPLETE K22	SMPK22	31	5.2	3
RENNYLEA K835	NORK835	22	4.8	6
RENNYLEA KODAK K522	NORK522	26	5.4	1
STORTH OAKS JACK J7	NZE19507013J7	25	4.6	12
TRIO DOCKLANDS H1	ELYH1	17	5.3	2
WATTLETOP LOCK L4	NWPL4	20	4.7	10

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 7 - Scan Rump Fat (mm)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
A A R TEN X 7008 S A	USA15719841	23	4.9	34
AJC K41	NXOK41	21	5.2	29
ANVIL KOKODA K267	HBUK267	31	5.3	28
AYRVALE LEGACY L21	HIOL21	18	6.7	6
BANNABY REALITY K63	ECMK63	27	5.6	25
BANNABY RESERVE K173	ECMK173	31	5.5	27
BONGONGO L8	NGXL8	20	6.2	12
BOONAROO KERNAL K72	HCAK72	20	5.7	22
BOOROOMOOKA KULGERA K270	NGMK270	17	5.2	29
BOWMONT KING K306	SRKK306	28	5.9	20
BROOKLANA M REALITY K57	AMQK57	26	5.6	25
CHELTENHAM PARK BERKLEY J7	HYEJ7	26	5.7	22
CLUNIE RANGE KALUHA K330	NBHK330	34	7.3	1
CLUNIE RANGE LEGEND L348	NBHL348	16	6.1	16
COONAMBLE KEVIN K314	WDCK314	20	7.1	2
DULVERTON LARRY L154	NGCL154	23	5.7	22
ESSLEMONT LOTTO L3	WWEL3	31	7.0	3
G A R PROPHET	USA16295688	17	6.3	11
G A R SURE FIRE	USA17328461	30	6.0	19
GATES KIPLING K7	ASRK7	19	5.9	20
GLENAVON REVENUE L039	NFWL039	19	5.1	32
GLENOCH HINMAN H221	QBGH221	30	6.2	12
HARDHAT GM GRASS KING Y21 K15	DKKK15	26	6.4	9
HAZELDEAN JAIPUR J140	NHZJ140	24	5.2	29
KANSAS JUDD L76	NKLL76	25	6.4	9
KILLAIN ALASKA K18	KILK18	9	5.1	32
MILLAH MURRAH LOCH UP L133	NMML133	33	6.2	12
MURRAY DOWNLOAD L20	NURL20	30	6.1	16
PATHFINDER KOMPLETE K22	SMPK22	30	6.8	4
RENNYLEA K835	NORK835	22	6.7	6
RENNYLEA KODAK K522	NORK522	26	6.7	6
STORTH OAKS JACK J7	NZE19507013J7	25	6.2	12
TRIO DOCKLANDS H1	ELYH1	15	6.8	4
WATTLETOP LOCK L4	NWPL4	19	6.1	16

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 7 - Scan IMF (%)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
A A R TEN X 7008 S A	USA15719841	23	5.5	7
AJC K41	NXOK41	21	5.5	7
ANVIL KOKODA K267	HBUK267	31	5.3	17
AYRVALE LEGACY L21	HIOL21	19	5.3	17
BANNABY REALITY K63	ECMK63	27	5.0	24
BANNABY RESERVE K173	ECMK173	31	4.9	30
BONGONGO L8	NGXL8	20	5.4	14
BOONAROO KERNAL K72	HCAK72	20	4.9	30
BOOROOMOOKA KULGERA K270	NGMK270	17	5.0	24
BOWMONT KING K306	SRKK306	28	5.5	7
BROOKLANA M REALITY K57	AMQK57	26	5.0	24
CHELTENHAM PARK BERKLEY J7	HYEJ7	27	5.3	17
CLUNIE RANGE KALUHA K330	NBHK330	34	5.6	4
CLUNIE RANGE LEGEND L348	NBHL348	16	4.9	30
COONAMBLE KEVIN K314	WDCK314	20	5.4	14
DULVERTON LARRY L154	NGCL154	23	5.0	24
ESSLEMONT LOTTO L3	WWEL3	31	5.8	1
G A R PROPHET	USA16295688	17	5.6	4
G A R SURE FIRE	USA17328461	30	5.3	17
GATES KIPLING K7	ASRK7	19	5.0	24
GLENAVON REVENUE L039	NFWL039	19	4.8	33
GLENOCH HINMAN H221	QBGH221	30	5.6	4
HARDHAT GM GRASS KING Y21 K15	DKKK15	26	5.4	14
HAZELDEAN JAIPUR J140	NHZJ140	24	5.1	23
KANSAS JUDD L76	NKLL76	25	5.5	7
KILLAIN ALASKA K18	KILK18	10	4.5	34
MILLAH MURRAH LOCH UP L133	NMML133	33	5.3	17
MURRAY DOWNLOAD L20	NURL20	30	5.0	24
PATHFINDER KOMPLETE K22	SMPK22	31	5.8	1
RENNYLEA K835	NORK835	22	5.7	3
RENNYLEA KODAK K522	NORK522	27	5.5	7
STORTH OAKS JACK J7	NZE19507013J7	25	5.5	7
TRIO DOCKLANDS H1	ELYH1	17	5.2	22
WATTLETOP LOCK L4	NWPL4	21	5.5	7

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 7 - Carcase Weight (kg)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
A A R TEN X 7008 S A	USA15719841	6	444.2	4
AJC K41	NXOK41	11	416.9	26
ANVIL KOKODA K267	HBUK267	16	406.1	31
AYRVALE LEGACY L21	HIOL21	8	445.5	2
BANNABY REALITY K63	ECMK63	17	415.7	29
BANNABY RESERVE K173	ECMK173	15	416.6	28
BONGONGO L8	NGXL8	9	415.4	30
BOONAROO KERNAL K72	HCAK72	9	438.2	8
BOOROOMOOKA KULGERA K270	NGMK270	8	420.7	23
BOWMONT KING K306	SRKK306	18	422.1	22
BROOKLANA M REALITY K57	AMQK57	11	440.8	7
CHELTENHAM PARK BERKLEY J7	HYEJ7	15	440.9	6
CLUNIE RANGE KALUHA K330	NBHK330	19	437.3	9
CLUNIE RANGE LEGEND L348	NBHL348	9	427.2	16
COONAMBLE KEVIN K314	WDCK314	10	445.2	3
DULVERTON LARRY L154	NGCL154	14	432.0	11
ESSLEMONT LOTTO L3	WWEL3	18	423.0	20
G A R PROPHET	USA16295688	9	430.4	13
G A R SURE FIRE	USA17328461	15	422.9	21
GATES KIPLING K7	ASRK7	8	425.3	18
GLENAVON REVENUE L039	NFWL039	11	416.8	27
GLENOCH HINMAN H221	QBGH221	12	426.2	17
HARDHAT GM GRASS KING Y21 K15	DKKK15	13	403.9	32
HAZELDEAN JAIPUR J140	NHZJ140	14	428.7	14
KANSAS JUDD L76	NKLL76	17	427.7	15
KILLAIN ALASKA K18	KILK18	7	424.2	19
MILLAH MURRAH LOCH UP L133	NMML133	17	431.4	12
MURRAY DOWNLOAD L20	NURL20	15	398.1	34
PATHFINDER KOMPLETE K22	SMPK22	17	401.1	33
RENNYLEA K835	NORK835	10	417.5	25
RENNYLEA KODAK K522	NORK522	15	419.5	24
STORTH OAKS JACK J7	NZE19507013J7	17	443.9	5
TRIO DOCKLANDS H1	ELYH1	10	436.6	10
WATTLETOP LOCK L4	NWPL4	12	447.7	1

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 7 - Carcase EMA (sq cm)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
A A R TEN X 7008 S A	USA15719841	6	93.0	2
AJC K41	NXOK41	10	92.3	4
ANVIL KOKODA K267	HBUK267	16	86.9	30
AYRVALE LEGACY L21	HIOL21	8	95.4	1
BANNABY REALITY K63	ECMK63	16	91.2	8
BANNABY RESERVE K173	ECMK173	12	91.1	9
BONGONGO L8	NGXL8	9	85.5	34
BOONAROO KERNAL K72	HCAK72	9	90.7	11
BOOROOMOOKA KULGERA K270	NGMK270	8	90.6	12
BOWMONT KING K306	SRKK306	18	92.1	7
BROOKLANA M REALITY K57	AMQK57	11	89.7	15
CHELTENHAM PARK BERKLEY J7	HYEJ7	15	87.6	23
CLUNIE RANGE KALUHA K330	NBHK330	17	92.2	5
CLUNIE RANGE LEGEND L348	NBHL348	9	88.1	22
COONAMBLE KEVIN K314	WDCK314	10	87.6	23
DULVERTON LARRY L154	NGCL154	12	87.6	23
ESSLEMONT LOTTO L3	WWEL3	18	92.7	3
G A R PROPHET	USA16295688	9	88.2	21
G A R SURE FIRE	USA17328461	15	87.2	27
GATES KIPLING K7	ASRK7	8	86.1	33
GLENAVON REVENUE L039	NFWL039	11	92.2	5
GLENOCH HINMAN H221	QBGH221	12	91.0	10
HARDHAT GM GRASS KING Y21 K15	DKKK15	13	88.3	19
HAZELDEAN JAIPUR J140	NHZJ140	14	89.3	17
KANSAS JUDD L76	NKLL76	17	87.4	26
KILLAIN ALASKA K18	KILK18	7	87.1	28
MILLAH MURRAH LOCH UP L133	NMML133	17	88.4	18
MURRAY DOWNLOAD L20	NURL20	15	87.1	28
PATHFINDER KOMPLETE K22	SMPK22	15	86.9	30
RENNYLEA K835	NORK835	10	86.8	32
RENNYLEA KODAK K522	NORK522	13	90.1	13
STORTH OAKS JACK J7	NZE19507013J7	17	89.9	14
TRIO DOCKLANDS H1	ELYH1	10	88.3	19
WATTLETOP LOCK L4	NWPL4	12	89.7	15

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 7 - Carcase Rump Fat (mm)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
A A R TEN X 7008 S A	USA15719841	6	18.1	31
AJC K41	NXOK41	11	20.6	23
ANVIL KOKODA K267	HBUK267	16	20.8	20
AYRVALE LEGACY L21	HIOL21	8	24.5	5
BANNABY REALITY K63	ECMK63	17	20.8	20
BANNABY RESERVE K173	ECMK173	15	20.9	19
BONGONGO L8	NGXL8	9	19.3	27
BOONAROO KERNAL K72	HCAK72	10	17.5	34
BOOROOMOOKA KULGERA K270	NGMK270	8	18.0	32
BOWMONT KING K306	SRKK306	18	20.2	26
BROOKLANA M REALITY K57	AMQK57	11	17.6	33
CHELTENHAM PARK BERKLEY J7	HYEJ7	15	21.9	17
CLUNIE RANGE KALUHA K330	NBHK330	19	22.8	10
CLUNIE RANGE LEGEND L348	NBHL348	9	23.4	9
COONAMBLE KEVIN K314	WDCK314	10	22.0	15
DULVERTON LARRY L154	NGCL154	14	21.4	18
ESSLEMONT LOTTO L3	WWEL3	18	22.8	10
G A R PROPHET	USA16295688	9	20.3	25
G A R SURE FIRE	USA17328461	15	24.7	4
GATES KIPLING K7	ASRK7	8	23.8	7
GLENAVON REVENUE L039	NFWL039	11	22.2	14
GLENOCH HINMAN H221	QBGH221	12	18.8	29
HARDHAT GM GRASS KING Y21 K15	DKKK15	13	22.0	15
HAZELDEAN JAIPUR J140	NHZJ140	14	19.3	27
KANSAS JUDD L76	NKLL76	17	25.1	3
KILLAIN ALASKA K18	KILK18	7	18.4	30
MILLAH MURRAH LOCH UP L133	NMML133	17	20.8	20
MURRAY DOWNLOAD L20	NURL20	15	22.6	12
PATHFINDER KOMPLETE K22	SMPK22	17	26.0	1
RENNYLEA K835	NORK835	10	22.3	13
RENNYLEA KODAK K522	NORK522	15	23.6	8
STORTH OAKS JACK J7	NZE19507013J7	17	20.5	24
TRIO DOCKLANDS H1	ELYH1	10	26.0	1
WATTLETOP LOCK L4	NWPL4	12	24.2	6

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 7 - Carcase Rib Fat (mm)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
A A R TEN X 7008 S A	USA15719841	6	12.8	26
AJC K41	NXOK41	10	13.3	22
ANVIL KOKODA K267	HBUK267	16	13.6	13
AYRVALE LEGACY L21	HIOL21	8	12.8	26
BANNABY REALITY K63	ECMK63	16	13.2	23
BANNABY RESERVE K173	ECMK173	12	13.6	13
BONGONGO L8	NGXL8	9	15.3	6
BOONAROO KERNAL K72	HCAK72	9	11.8	33
BOOROOMOOKA KULGERA K270	NGMK270	8	12.8	26
BOWMONT KING K306	SRKK306	18	13.5	16
BROOKLANA M REALITY K57	AMQK57	11	17.1	2
CHELTENHAM PARK BERKLEY J7	HYEJ7	15	15.0	8
CLUNIE RANGE KALUHA K330	NBHK330	17	15.2	7
CLUNIE RANGE LEGEND L348	NBHL348	9	17.6	1
COONAMBLE KEVIN K314	WDCK314	10	13.1	24
DULVERTON LARRY L154	NGCL154	12	13.4	17
ESSLEMONT LOTTO L3	WWEL3	18	13.8	12
G A R PROPHET	USA16295688	9	12.7	29
G A R SURE FIRE	USA17328461	15	13.0	25
GATES KIPLING K7	ASRK7	8	16.2	3
GLENAVON REVENUE L039	NFWL039	11	13.6	13
GLENOCH HINMAN H221	QBGH221	12	11.3	34
HARDHAT GM GRASS KING Y21 K15	DKKK15	13	13.4	17
HAZELDEAN JAIPUR J140	NHZJ140	14	12.1	32
KANSAS JUDD L76	NKLL76	17	13.4	17
KILLAIN ALASKA K18	KILK18	7	12.5	30
MILLAH MURRAH LOCH UP L133	NMML133	17	12.5	30
MURRAY DOWNLOAD L20	NURL20	15	13.4	17
PATHFINDER KOMPLETE K22	SMPK22	15	15.9	5
RENNYLEA K835	NORK835	10	14.7	9
RENNYLEA KODAK K522	NORK522	13	16.2	3
STORTH OAKS JACK J7	NZE19507013J7	17	13.4	17
TRIO DOCKLANDS H1	ELYH1	10	14.5	10
WATTLETOP LOCK L4	NWPL4	12	14.3	11

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 7 - Carcase IMF (%)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
A A R TEN X 7008 S A	USA15719841	6	8.7	13
AJC K41	NXOK41	11	8.8	12
ANVIL KOKODA K267	HBUK267	16	9.2	8
AYRVALE LEGACY L21	HIOL21	8	8.5	17
BANNABY REALITY K63	ECMK63	17	7.0	32
BANNABY RESERVE K173	ECMK173	15	8.0	22
BONGONGO L8	NGXL8	9	8.3	20
BOONAROO KERNAL K72	HCAK72	10	6.3	33
BOOROOMOOKA KULGERA K270	NGMK270	8	8.0	22
BOWMONT KING K306	SRKK306	18	10.8	2
BROOKLANA M REALITY K57	AMQK57	11	8.7	13
CHELTENHAM PARK BERKLEY J7	HYEJ7	15	8.0	22
CLUNIE RANGE KALUHA K330	NBHK330	19	8.9	11
CLUNIE RANGE LEGEND L348	NBHL348	9	7.8	28
COONAMBLE KEVIN K314	WDCK314	10	8.6	16
DULVERTON LARRY L154	NGCL154	14	8.3	20
ESSLEMONT LOTTO L3	WWEL3	18	9.9	5
G A R PROPHET	USA16295688	9	11.0	1
G A R SURE FIRE	USA17328461	15	9.0	10
GATES KIPLING K7	ASRK7	8	10.3	3
GLENAVON REVENUE L039	NFWL039	11	8.0	22
GLENOCH HINMAN H221	QBGH221	12	10.3	3
HARDHAT GM GRASS KING Y21 K15	DKKK15	13	7.6	30
HAZELDEAN JAIPUR J140	NHZJ140	14	8.5	17
KANSAS JUDD L76	NKLL76	17	9.8	6
KILLAIN ALASKA K18	KILK18	7	6.2	34
MILLAH MURRAH LOCH UP L133	NMML133	17	8.0	22
MURRAY DOWNLOAD L20	NURL20	15	8.7	13
PATHFINDER KOMPLETE K22	SMPK22	17	8.4	19
RENNYLEA K835	NORK835	10	9.8	6
RENNYLEA KODAK K522	NORK522	15	9.2	8
STORTH OAKS JACK J7	NZE19507013J7	17	8.0	22
TRIO DOCKLANDS H1	ELYH1	10	7.5	31
WATTLETOP LOCK L4	NWPL4	12	7.7	29

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 7 - Net Feed Intake (kg/day)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
A A R TEN X 7008 S A	USA15719841	6	-3.3	19
AJC K41	NXOK41	10	-3.2	23
ANVIL KOKODA K267	HBUK267	17	-3.6	8
AYRVALE LEGACY L21	HIOL21	7	-3.3	19
BANNABY REALITY K63	ECMK63	17	-3.4	14
BANNABY RESERVE K173	ECMK173	15	-3.4	14
BONGONGO L8	NGXL8	9	-3.5	11
BOONAROO KERNAL K72	HCAK72	10	-3.7	5
BOOROOMOOKA KULGERA K270	NGMK270	7	-2.8	31
BOWMONT KING K306	SRKK306	18	-2.9	29
BROOKLANA M REALITY K57	AMQK57	11	-3.2	23
CHELTENHAM PARK BERKLEY J7	HYEJ7	16	-3.6	8
CLUNIE RANGE KALUHA K330	NBHK330	19	-3.1	27
CLUNIE RANGE LEGEND L348	NBHL348	9	-3.2	23
COONAMBLE KEVIN K314	WDCK314	9	-3.5	11
DULVERTON LARRY L154	NGCL154	14	-2.6	34
ESSLEMONT LOTTO L3	WWEL3	18	-3.1	27
G A R PROPHET	USA16295688	8	-3.4	14
G A R SURE FIRE	USA17328461	15	-3.8	3
GATES KIPLING K7	ASRK7	8	-3.6	8
GLENAVON REVENUE L039	NFWL039	10	-3.7	5
GLENOCH HINMAN H221	QBGH221	13	-3.7	5
HARDHAT GM GRASS KING Y21 K15	DKKK15	13	-3.5	11
HAZELDEAN JAIPUR J140	NHZJ140	14	-2.8	31
KANSAS JUDD L76	NKLL76	16	-3.4	14
KILLAIN ALASKA K18	KILK18	7	-4.5	1
MILLAH MURRAH LOCH UP L133	NMML133	16	-3.4	14
MURRAY DOWNLOAD L20	NURL20	16	-2.9	29
PATHFINDER KOMPLETE K22	SMPK22	17	-3.3	19
RENNYLEA K835	NORK835	10	-3.8	3
RENNYLEA KODAK K522	NORK522	15	-2.8	31
STORTH OAKS JACK J7	NZE19507013J7	15	-3.2	23
TRIO DOCKLANDS H1	ELYH1	10	-4.3	2
WATTLETOP LOCK L4	NWPL4	11	-3.3	19

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 7 - MSA Marble Score (Score)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
A A R TEN X 7008 S A	USA15719841	6	528.4	3
AJC K41	NXOK41	11	446.9	23
ANVIL KOKODA K267	HBUK267	16	466.9	18
AYRVALE LEGACY L21	HIOL21	8	523.1	6
BANNABY REALITY K63	ECMK63	17	390.9	33
BANNABY RESERVE K173	ECMK173	15	478.2	13
BONGONGO L8	NGXL8	9	463.8	21
BOONAROO KERNAL K72	HCAK72	9	373.2	34
BOOROOMOOKA KULGERA K270	NGMK270	8	433.7	27
BOWMONT KING K306	SRKK306	18	548.4	1
BROOKLANA M REALITY K57	AMQK57	11	476.9	14
CHELTENHAM PARK BERKLEY J7	HYEJ7	15	490.6	9
CLUNIE RANGE KALUHA K330	NBHK330	19	469.9	17
CLUNIE RANGE LEGEND L348	NBHL348	9	470.0	16
COONAMBLE KEVIN K314	WDCK314	10	400.1	32
DULVERTON LARRY L154	NGCL154	14	442.7	25
ESSLEMONT LOTTO L3	WWEL3	18	523.3	5
G A R PROPHET	USA16295688	9	528.3	4
G A R SURE FIRE	USA17328461	15	472.8	15
GATES KIPLING K7	ASRK7	8	539.5	2
GLENAVON REVENUE L039	NFWL039	11	404.2	31
GLENOCH HINMAN H221	QBGH221	12	520.5	7
HARDHAT GM GRASS KING Y21 K15	DKKK15	13	407.1	30
HAZELDEAN JAIPUR J140	NHZJ140	14	483.2	12
KANSAS JUDD L76	NKLL76	17	493.9	8
KILLAIN ALASKA K18	KILK18	7	428.5	28
MILLAH MURRAH LOCH UP L133	NMML133	17	464.9	20
MURRAY DOWNLOAD L20	NURL20	15	488.7	10
PATHFINDER KOMPLETE K22	SMPK22	17	439.0	26
RENNYLEA K835	NORK835	10	451.3	22
RENNYLEA KODAK K522	NORK522	15	488.4	11
STORTH OAKS JACK J7	NZE19507013J7	17	446.7	24
TRIO DOCKLANDS H1	ELYH1	10	418.0	29
WATTLETOP LOCK L4	NWPL4	12	465.4	19

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 7 - MSA Ossification (Score)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
A A R TEN X 7008 S A	USA15719841	6	131.3	5
AJC K41	NXOK41	11	138.6	22
ANVIL KOKODA K267	HBUK267	16	133.0	6
AYRVALE LEGACY L21	HIOL21	8	135.6	13
BANNABY REALITY K63	ECMK63	17	135.2	11
BANNABY RESERVE K173	ECMK173	15	128.0	2
BONGONGO L8	NGXL8	9	142.1	31
BOONAROO KERNAL K72	HCAK72	9	140.7	29
BOOROOMOOKA KULGERA K270	NGMK270	8	136.6	16
BOWMONT KING K306	SRKK306	18	138.9	23
BROOKLANA M REALITY K57	AMQK57	11	138.0	20
CHELTENHAM PARK BERKLEY J7	HYEJ7	15	137.5	19
CLUNIE RANGE KALUHA K330	NBHK330	19	140.9	30
CLUNIE RANGE LEGEND L348	NBHL348	9	133.4	7
COONAMBLE KEVIN K314	WDCK314	10	140.0	26
DULVERTON LARRY L154	NGCL154	14	137.0	18
ESSLEMONT LOTTO L3	WWEL3	18	136.3	15
G A R PROPHET	USA16295688	9	140.3	28
G A R SURE FIRE	USA17328461	15	139.5	25
GATES KIPLING K7	ASRK7	8	154.0	34
GLENAVON REVENUE L039	NFWL039	11	135.4	12
GLENOCH HINMAN H221	QBGH221	12	136.6	16
HARDHAT GM GRASS KING Y21 K15	DKKK15	13	128.6	3
HAZELDEAN JAIPUR J140	NHZJ140	14	139.2	24
KANSAS JUDD L76	NKLL76	17	140.0	26
KILLAIN ALASKA K18	KILK18	7	130.4	4
MILLAH MURRAH LOCH UP L133	NMML133	17	127.9	1
MURRAY DOWNLOAD L20	NURL20	15	135.8	14
PATHFINDER KOMPLETE K22	SMPK22	17	133.9	8
RENNYLEA K835	NORK835	10	143.9	33
RENNYLEA KODAK K522	NORK522	15	142.1	31
STORTH OAKS JACK J7	NZE19507013J7	17	134.3	9
TRIO DOCKLANDS H1	ELYH1	10	138.4	21
WATTLETOP LOCK L4	NWPL4	12	134.6	10

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 7 - MSA Index (Index)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
A A R TEN X 7008 S A	USA15719841	6	65.9	1
AJC K41	NXOK41	10	63.6	27
ANVIL KOKODA K267	HBUK267	16	64.1	21
AYRVALE LEGACY L21	HIOL21	8	64.6	11
BANNABY REALITY K63	ECMK63	17	63.1	33
BANNABY RESERVE K173	ECMK173	15	65.1	3
BONGONGO L8	NGXL8	9	63.5	29
BOONAROO KERNAL K72	HCAK72	9	62.8	34
BOOROOMOOKA KULGERA K270	NGMK270	8	63.9	24
BOWMONT KING K306	SRKK306	18	65.4	2
BROOKLANA M REALITY K57	AMQK57	11	64.8	5
CHELTENHAM PARK BERKLEY J7	HYEJ7	15	64.8	5
CLUNIE RANGE KALUHA K330	NBHK330	19	64.2	20
CLUNIE RANGE LEGEND L348	NBHL348	9	64.8	5
COONAMBLE KEVIN K314	WDCK314	10	63.5	29
DULVERTON LARRY L154	NGCL154	14	63.8	26
ESSLEMONT LOTTO L3	WWEL3	18	65.0	4
G A R PROPHET	USA16295688	8	64.8	5
G A R SURE FIRE	USA17328461	14	64.1	21
GATES KIPLING K7	ASRK7	8	64.7	9
GLENAVON REVENUE L039	NFWL039	11	63.3	32
GLENOCH HINMAN H221	QBGH221	12	64.7	9
HARDHAT GM GRASS KING Y21 K15	DKKK15	13	63.9	24
HAZELDEAN JAIPUR J140	NHZJ140	14	64.0	23
KANSAS JUDD L76	NKLL76	17	64.6	11
KILLAIN ALASKA K18	KILK18	7	64.4	15
MILLAH MURRAH LOCH UP L133	NMML133	17	64.5	14
MURRAY DOWNLOAD L20	NURL20	15	64.6	11
PATHFINDER KOMPLETE K22	SMPK22	17	64.3	18
RENNYLEA K835	NORK835	10	63.4	31
RENNYLEA KODAK K522	NORK522	15	64.4	15
STORTH OAKS JACK J7	NZE19507013J7	17	64.3	18
TRIO DOCKLANDS H1	ELYH1	10	63.6	27
WATTLETOP LOCK L4	NWPL4	12	64.4	15

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: 7 - Docility (Score)

Sire Name	Sire ID	Number of Progeny	Progeny % Score 1-1.5	Rank
A A R TEN X 7008 S A	USA15719841	31	61.3	19
AJC K41	NXOK41	22	59.1	23
ANVIL KOKODA K267	HBUK267	32	68.8	10
AYRVALE LEGACY L21	HIOL21	21	61.9	17
BANNABY REALITY K63	ECMK63	27	74.1	5
BANNABY RESERVE K173	ECMK173	33	66.7	12
BONGONGO L8	NGXL8	22	45.5	32
BOONAROO KERNAL K72	HCAK72	21	66.7	12
BOOROOMOOKA KULGERA K270	NGMK270	21	57.1	26
BOWMONT KING K306	SRKK306	31	61.3	19
BROOKLANA M REALITY K57	AMQK57	28	64.3	15
CHELTENHAM PARK BERKLEY J7	HYEJ7	28	39.3	33
CLUNIE RANGE KALUHA K330	NBHK330	35	65.7	14
CLUNIE RANGE LEGEND L348	NBHL348	18	38.9	34
COONAMBLE KEVIN K314	WDCK314	23	56.5	27
DULVERTON LARRY L154	NGCL154	23	47.8	31
ESSLEMONT LOTTO L3	WWEL3	29	58.6	25
G A R PROPHET	USA16295688	22	72.7	6
G A R SURE FIRE	USA17328461	31	71.0	7
GATES KIPLING K7	ASRK7	21	52.4	29
GLENAVON REVENUE L039	NFWL039	21	61.9	17
GLENOCH HINMAN H221	QBGH221	30	60.0	21
HARDHAT GM GRASS KING Y21 K15	DKKK15	26	53.8	28
HAZELDEAN JAIPUR J140	NHZJ140	32	81.3	3
KANSAS JUDD L76	NKLL76	26	96.2	1
KILLAIN ALASKA K18	KILK18	10	70.0	9
MILLAH MURRAH LOCH UP L133	NMML133	35	74.3	4
MURRAY DOWNLOAD L20	NURL20	32	62.5	16
PATHFINDER KOMPLETE K22	SMPK22	31	71.0	7
RENNYLEA K835	NORK835	22	59.1	23
RENNYLEA KODAK K522	NORK522	29	51.7	30
STORTH OAKS JACK J7	NZE19507013J7	25	68.0	11
TRIO DOCKLANDS H1	ELYH1	19	89.5	2
WATTLETOP LOCK L4	NWPL4	20	60.0	21

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 7 - Claw Set (Score)

Sire Name	Sire ID	Number of Progeny	Progeny % Score 5-6	Rank
A A R TEN X 7008 S A	USA15719841	24	12.5	34
AJC K41	NXOK41	21	47.6	23
ANVIL KOKODA K267	HBUK267	31	45.2	25
AYRVALE LEGACY L21	HIOL21	19	52.6	18
BANNABY REALITY K63	ECMK63	26	61.5	7
BANNABY RESERVE K173	ECMK173	31	58.1	11
BONGONGO L8	NGXL8	20	50.0	20
BOONAROO KERNAL K72	HCAK72	21	81.0	2
BOOROOMOOKA KULGERA K270	NGMK270	15	60.0	9
BOWMONT KING K306	SRKK306	28	75.0	3
BROOKLANA M REALITY K57	AMQK57	25	32.0	31
CHELTENHAM PARK BERKLEY J7	HYEJ7	27	29.6	33
CLUNIE RANGE KALUHA K330	NBHK330	35	60.0	9
CLUNIE RANGE LEGEND L348	NBHL348	16	68.8	6
COONAMBLE KEVIN K314	WDCK314	20	75.0	3
DULVERTON LARRY L154	NGCL154	23	60.9	8
ESSLEMONT LOTTO L3	WWEL3	27	37.0	28
G A R PROPHET	USA16295688	17	52.9	17
G A R SURE FIRE	USA17328461	30	53.3	16
GATES KIPLING K7	ASRK7	19	47.4	24
GLENAVON REVENUE L039	NFWL039	19	36.8	29
GLENOCH HINMAN H221	QBGH221	28	53.6	15
HARDHAT GM GRASS KING Y21 K15	DKKK15	26	30.8	32
HAZELDEAN JAIPUR J140	NHZJ140	24	91.7	1
KANSAS JUDD L76	NKLL76	25	44.0	26
KILLAIN ALASKA K18	KILK18	10	50.0	20
MILLAH MURRAH LOCH UP L133	NMML133	33	54.5	14
MURRAY DOWNLOAD L20	NURL20	30	36.7	30
PATHFINDER KOMPLETE K22	SMPK22	31	71.0	5
RENNYLEA K835	NORK835	22	40.9	27
RENNYLEA KODAK K522	NORK522	27	55.6	13
STORTH OAKS JACK J7	NZE19507013J7	25	56.0	12
TRIO DOCKLANDS H1	ELYH1	18	50.0	20
WATTLETOP LOCK L4	NWPL4	21	52.4	19

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 7 - Foot Angle (Score)

Sire Name	Sire ID	Number of Progeny	Progeny % Score 5-6	Rank
A A R TEN X 7008 S A	USA15719841	24	75.0	28
AJC K41	NXOK41	21	90.5	8
ANVIL KOKODA K267	HBUK267	31	80.6	23
AYRVALE LEGACY L21	HIOL21	19	73.7	30
BANNABY REALITY K63	ECMK63	26	92.3	6
BANNABY RESERVE K173	ECMK173	31	90.3	10
BONGONGO L8	NGXL8	20	65.0	34
BOONAROO KERNAL K72	HCAK72	21	85.7	15
BOOROOMOOKA KULGERA K270	NGMK270	15	86.7	14
BOWMONT KING K306	SRKK306	28	96.4	1
BROOKLANA M REALITY K57	AMQK57	25	72.0	31
CHELTENHAM PARK BERKLEY J7	HYEJ7	27	96.3	2
CLUNIE RANGE KALUHA K330	NBHK330	35	91.4	7
CLUNIE RANGE LEGEND L348	NBHL348	16	81.3	21
COONAMBLE KEVIN K314	WDCK314	20	90.0	11
DULVERTON LARRY L154	NGCL154	23	82.6	18
ESSLEMONT LOTTO L3	WWEL3	27	81.5	20
G A R PROPHET	USA16295688	17	88.2	12
G A R SURE FIRE	USA17328461	30	93.3	5
GATES KIPLING K7	ASRK7	19	78.9	25
GLENAVON REVENUE L039	NFWL039	19	68.4	33
GLENOCH HINMAN H221	QBGH221	28	85.7	15
HARDHAT GM GRASS KING Y21 K15	DKKK15	26	80.8	22
HAZELDEAN JAIPUR J140	NHZJ140	24	75.0	28
KANSAS JUDD L76	NKLL76	25	88.0	13
KILLAIN ALASKA K18	KILK18	10	80.0	24
MILLAH MURRAH LOCH UP L133	NMML133	33	78.8	26
MURRAY DOWNLOAD L20	NURL20	30	70.0	32
PATHFINDER KOMPLETE K22	SMPK22	31	93.5	4
RENNYLEA K835	NORK835	22	81.8	19
RENNYLEA KODAK K522	NORK522	27	77.8	27
STORTH OAKS JACK J7	NZE19507013J7	25	96.0	3
TRIO DOCKLANDS H1	ELYH1	18	83.3	17
WATTLETOP LOCK L4	NWPL4	21	90.5	8

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 7 - Coat Type (Score)

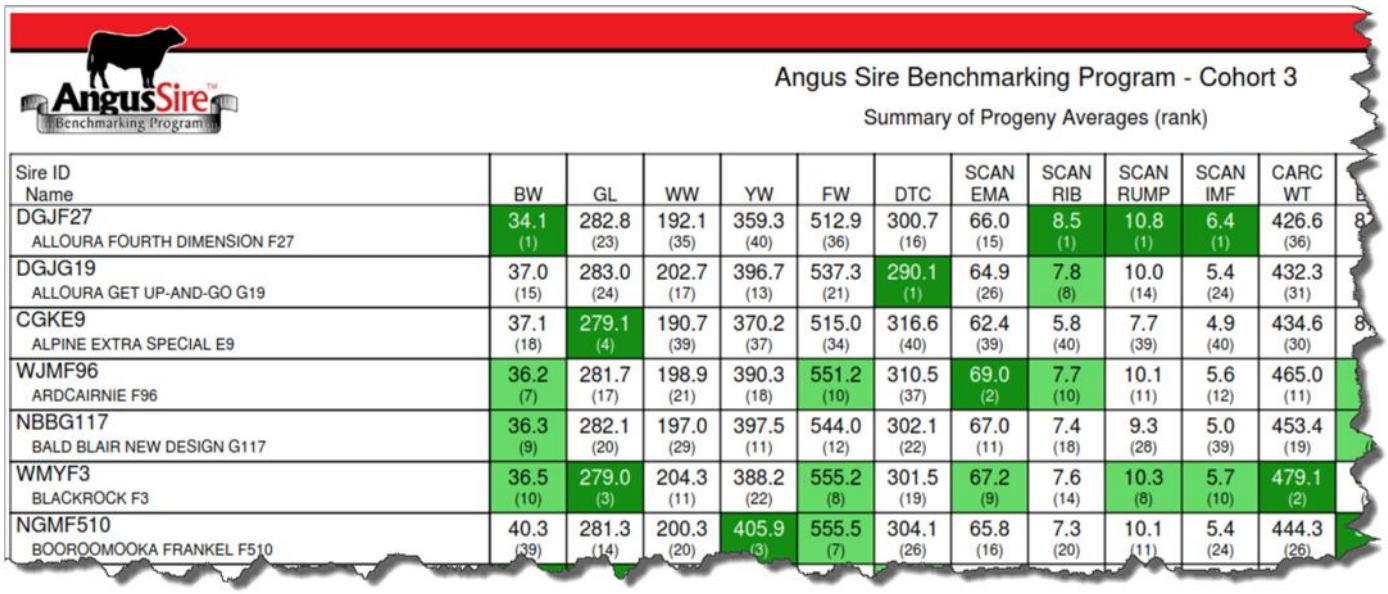
Sire Name	Sire ID	Number of Progeny	Progeny % Score 1-2	Rank
A A R TEN X 7008 S A	USA15719841	17	64.7	23
AJC K41	NXOK41	17	58.8	26
ANVIL KOKODA K267	HBUK267	24	75.0	13
AYRVALE LEGACY L21	HIOL21	16	62.5	25
BANNABY REALITY K63	ECMK63	22	68.2	21
BANNABY RESERVE K173	ECMK173	25	76.0	12
BONGONGO L8	NGXL8	16	56.3	28
BOONAROO KERNAL K72	HCAK72	15	73.3	18
BOOROOMOOKA KULGERA K270	NGMK270	11	81.8	6
BOWMONT KING K306	SRKK306	24	87.5	3
BROOKLANA M REALITY K57	AMQK57	20	55.0	31
CHELTENHAM PARK BERKLEY J7	HYEJ7	20	75.0	13
CLUNIE RANGE KALUHA K330	NBHK330	24	87.5	3
CLUNIE RANGE LEGEND L348	NBHL348	13	76.9	11
COONAMBLE KEVIN K314	WDCK314	16	56.3	28
DULVERTON LARRY L154	NGCL154	19	47.4	34
ESSLEMONT LOTTO L3	WWEL3	22	77.3	9
G A R PROPHET	USA16295688	13	84.6	5
G A R SURE FIRE	USA17328461	19	78.9	8
GATES KIPLING K7	ASRK7	11	81.8	6
GLENAVON REVENUE L039	NFWL039	15	73.3	18
GLENOCH HINMAN H221	QBGH221	19	73.7	16
HARDHAT GM GRASS KING Y21 K15	DKKK15	19	57.9	27
HAZELDEAN JAIPUR J140	NHZJ140	17	88.2	2
KANSAS JUDD L76	NKLL76	19	73.7	16
KILLAIN ALASKA K18	KILK18	10	90.0	1
MILLAH MURRAH LOCH UP L133	NMML133	25	64.0	24
MURRAY DOWNLOAD L20	NURL20	20	65.0	22
PATHFINDER KOMPLETE K22	SMPK22	22	50.0	32
RENNYLEA K835	NORK835	18	55.6	30
RENNYLEA KODAK K522	NORK522	22	77.3	9
STORTH OAKS JACK J7	NZE19507013J7	23	73.9	15
TRIO DOCKLANDS H1	ELYH1	14	50.0	32
WATTLETOP LOCK L4	NWPL4	16	68.8	20

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 7

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
USA15719841 A A R TEN X 7008 S A	38.2 (19)	280.7 (22)	232.9 (8)	356.3 (12)	565.7 (14)	304.8 (13)	56.6 (15)	3.6 (32)	4.9 (34)	5.5 (7)	444.2 (4)	93.0 (2)	8.7 (13)	-3.3 (19)	528.4 (3)	131.3 (5)	65.9 (1)	61.3 (19)	12.5 (34)	75.0 (28)	64.7 (23)
NXOK41 AJC K41	38.7 (26)	278.2 (5)	232.1 (12)	351.7 (23)	562.3 (21)	300.6 (7)	58.4 (5)	4.1 (23)	5.2 (29)	5.5 (7)	416.9 (26)	92.3 (4)	8.8 (12)	-3.2 (23)	446.9 (23)	138.6 (22)	63.6 (27)	59.1 (23)	47.6 (23)	90.5 (8)	58.8 (26)
HBUK267 ANVIL KOKODA K267	38.5 (23)	279.4 (10)	234.5 (4)	356.4 (11)	555.6 (26)	308.5 (17)	55.8 (21)	4.3 (19)	5.3 (28)	5.3 (17)	406.1 (31)	86.9 (30)	9.2 (8)	-3.6 (8)	466.9 (18)	133.0 (6)	64.1 (21)	68.8 (10)	45.2 (25)	80.6 (23)	75.0 (13)
HIOL21 AYRVALE LEGACY L21	38.0 (15)	280.0 (16)	234.5 (4)	367.0 (3)	569.9 (10)	303.5 (10)	59.0 (1)	4.3 (19)	6.7 (6)	5.3 (17)	445.5 (2)	95.4 (1)	8.5 (17)	-3.3 (19)	523.1 (6)	135.6 (13)	64.6 (11)	61.9 (17)	52.6 (18)	73.7 (30)	62.5 (25)
ECMK63 BANNABY REALITY K63	38.6 (25)	281.1 (26)	230.0 (16)	349.5 (26)	548.9 (30)	319.8 (32)	55.5 (25)	3.8 (30)	5.6 (25)	5.0 (24)	415.7 (29)	91.2 (8)	7.0 (32)	-3.4 (14)	390.9 (33)	135.2 (11)	63.1 (33)	74.1 (5)	61.5 (7)	92.3 (6)	68.2 (21)
ECMK173 BANNABY RESERVE K173	38.7 (26)	280.2 (18)	234.0 (7)	338.4 (33)	546.1 (31)	305.2 (15)	55.0 (31)	4.0 (27)	5.5 (27)	4.9 (30)	416.6 (28)	91.1 (9)	8.0 (22)	-3.4 (14)	478.2 (13)	128.0 (2)	65.1 (3)	66.7 (12)	58.1 (11)	90.3 (10)	76.0 (12)
NGXL8 BONGONGO L8	35.6 (2)	278.6 (6)	228.8 (19)	353.0 (20)	564.2 (16)	308.9 (18)	55.3 (27)	4.6 (12)	6.2 (12)	5.4 (14)	415.4 (30)	85.5 (34)	8.3 (20)	-3.5 (11)	463.8 (21)	142.1 (31)	63.5 (29)	45.5 (32)	50.0 (20)	65.0 (34)	56.3 (28)
HCAK72 BOONAROO KERNAL K72	37.2 (9)	279.5 (13)	229.1 (17)	363.8 (5)	569.6 (11)	318.9 (31)	57.4 (11)	3.9 (28)	5.7 (22)	4.9 (30)	438.2 (8)	90.7 (11)	6.3 (33)	-3.7 (5)	373.2 (34)	140.7 (29)	62.8 (34)	66.7 (12)	81.0 (2)	85.7 (15)	73.3 (18)
NGMK270 BOOROOMOOKA KULGERA K270	38.1 (18)	280.7 (22)	235.2 (3)	352.6 (21)	565.2 (15)	289.4 (1)	56.0 (20)	3.8 (30)	5.2 (29)	5.0 (24)	420.7 (23)	90.6 (12)	8.0 (22)	-2.8 (31)	433.7 (27)	136.6 (16)	63.9 (24)	57.1 (26)	60.0 (9)	86.7 (14)	81.8 (6)
SRKK306 BOWMONT KING K306	37.5 (11)	280.4 (21)	230.1 (15)	343.4 (31)	552.0 (27)	304.9 (14)	56.5 (17)	4.3 (19)	5.9 (20)	5.5 (7)	422.1 (22)	92.1 (7)	10.8 (2)	-2.9 (29)	548.4 (1)	138.9 (23)	65.4 (2)	61.3 (19)	75.0 (3)	96.4 (1)	87.5 (3)
AMQK57 BROOKLANA M REALITY K57	36.9 (7)	279.4 (10)	234.5 (4)	364.7 (4)	585.9 (3)	316.2 (29)	55.3 (27)	4.4 (18)	5.6 (25)	5.0 (24)	440.8 (7)	89.7 (15)	8.7 (13)	-3.2 (23)	476.9 (14)	138.0 (20)	64.8 (5)	64.3 (15)	32.0 (31)	72.0 (31)	55.0 (31)
HYEJ7 CHELTENHAM PARK BERKLEY J7	40.3 (33)	278.1 (4)	244.6 (1)	372.3 (2)	597.3 (2)	308.9 (18)	58.5 (4)	4.5 (15)	5.7 (22)	5.3 (17)	440.9 (6)	87.6 (23)	8.0 (22)	-3.6 (8)	490.6 (9)	137.5 (19)	64.8 (5)	39.3 (33)	29.6 (33)	96.3 (2)	75.0 (13)
NBHK330 CLUNIE RANGE KALUHA K330	38.2 (19)	279.7 (14)	231.1 (13)	353.8 (16)	561.7 (22)	297.1 (4)	57.1 (12)	4.8 (6)	7.3 (1)	5.6 (4)	437.3 (9)	92.2 (5)	8.9 (11)	-3.1 (27)	469.9 (17)	140.9 (30)	64.2 (20)	65.7 (14)	60.0 (9)	91.4 (7)	87.5 (3)
NBHL348 CLUNIE RANGE LEGEND L348	38.7 (26)	279.1 (8)	230.5 (14)	341.1 (32)	562.5 (20)	297.9 (5)	55.6 (24)	4.8 (6)	6.1 (16)	4.9 (30)	427.2 (16)	88.1 (22)	7.8 (28)	-3.2 (23)	470.0 (16)	133.4 (7)	64.8 (5)	38.9 (34)	68.8 (6)	81.3 (21)	76.9 (11)
WDCK314 COONAMBLE KEVIN K314	38.0 (15)	281.1 (26)	225.8 (27)	353.2 (18)	577.3 (5)	304.7 (12)	58.1 (7)	4.9 (5)	7.1 (2)	5.4 (14)	445.2 (3)	87.6 (23)	8.6 (16)	-3.5 (11)	400.1 (32)	140.0 (26)	63.5 (29)	56.5 (27)	75.0 (3)	90.0 (11)	56.3 (28)
NGCL154 DULVERTON LARRY L154	38.2 (19)	278.6 (6)	220.1 (32)	346.6 (30)	566.8 (12)	295.0 (2)	53.9 (34)	4.1 (23)	5.7 (22)	5.0 (24)	432.0 (11)	87.6 (23)	8.3 (20)	-2.6 (34)	442.7 (25)	137.0 (18)	63.8 (26)	47.8 (31)	60.9 (8)	82.6 (18)	47.4 (34)
WWEL3 ESSLEMONT LOTTO L3	37.3 (10)	279.3 (9)	223.0 (30)	353.1 (19)	552.0 (27)	298.6 (6)	58.8 (2)	5.1 (4)	7.0 (3)	5.8 (1)	423.0 (20)	92.7 (3)	9.9 (5)	-3.1 (27)	523.3 (5)	136.3 (15)	65.0 (4)	58.6 (25)	37.0 (28)	81.5 (20)	77.3 (9)
USA16295688 G A R PROPHET	37.6 (13)	282.6 (33)	232.4 (9)	359.4 (9)	562.7 (19)	295.0 (2)	56.7 (14)	4.7 (10)	6.3 (11)	5.6 (4)	430.4 (13)	88.2 (21)	11.0 (1)	-3.4 (14)	528.3 (4)	140.3 (28)	64.8 (5)	72.7 (6)	52.9 (17)	88.2 (12)	84.6 (5)
USA17328461 G A R SURE FIRE	36.7 (5)	281.4 (29)	226.2 (24)	351.3 (24)	564.2 (16)	315.6 (28)	56.8 (13)	4.5 (15)	6.0 (19)	5.3 (17)	422.9 (21)	87.2 (27)	9.0 (10)	-3.8 (3)	472.8 (15)	139.5 (25)	64.1 (21)	71.0 (7)	53.3 (16)	93.3 (5)	78.9 (8)
ASRK7 GATES KIPLING K7	38.3 (22)	280.0 (16)	232.4 (9)	351.0 (25)	575.2 (6)	303.7 (11)	56.4 (18)	4.1 (23)	5.9 (20)	5.0 (24)	425.3 (18)	86.1 (33)	10.3 (3)	-3.6 (8)	539.5 (2)	154.0 (34)	64.7 (9)	52.4 (29)	47.4 (24)	78.9 (25)	81.8 (6)
NFWL039 GLENAVON REVENUE L039	36.9 (7)	279.4 (10)	223.6 (29)	355.4 (14)	557.3 (25)	314.9 (26)	57.6 (9)	3.6 (32)	5.1 (32)	4.8 (33)	416.8 (27)	92.2 (5)	8.0 (22)	-3.7 (5)	404.2 (31)	135.4 (12)	63.3 (32)	61.9 (17)	36.8 (29)	68.4 (33)	73.3 (18)
QBGH221 GLENOCH HINMAN H221	36.3 (4)	281.1 (26)	226.6 (22)	349.2 (27)	560.3 (23)	313.3 (24)	56.1 (19)	4.6 (12)	6.2 (12)	5.6 (4)	426.2 (17)	91.0 (10)	10.3 (3)	-3.7 (5)	520.5 (7)	136.6 (16)	64.7 (9)	60.0 (21)	53.6 (15)	85.7 (15)	73.7 (16)

Angus Sire Benchmarking Program - Cohort 7

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
DKKK15 HARDHAT GM GRASS KING Y21 K15	39.3 (32)	280.2 (18)	227.0 (21)	347.8 (28)	538.5 (33)	302.7 (9)	58.8 (2)	4.8 (6)	6.4 (9)	5.4 (14)	403.9 (32)	88.3 (19)	7.6 (30)	-3.5 (11)	407.1 (30)	128.6 (3)	63.9 (24)	53.8 (28)	30.8 (32)	80.8 (22)	57.9 (27)
NHZJ140 HAZELDEAN JAIPUR J140	36.7 (5)	279.9 (15)	217.6 (33)	346.9 (29)	558.0 (24)	318.5 (30)	56.6 (15)	3.9 (28)	5.2 (29)	5.1 (23)	428.7 (14)	89.3 (17)	8.5 (17)	-2.8 (31)	483.2 (12)	139.2 (24)	64.0 (23)	81.3 (3)	91.7 (1)	75.0 (28)	88.2 (2)
NKLL76 KANSAS JUDD L76	38.5 (23)	281.5 (30)	228.9 (18)	352.1 (22)	563.8 (18)	314.1 (25)	55.3 (27)	4.5 (15)	6.4 (9)	5.5 (7)	427.7 (15)	87.4 (26)	9.8 (6)	-3.4 (14)	493.9 (8)	140.0 (26)	64.6 (11)	96.2 (1)	44.0 (26)	88.0 (13)	73.7 (16)
KILK18 KILLAIN ALASKA K18	39.2 (31)	282.9 (34)	226.1 (26)	356.2 (13)	574.2 (7)		55.7 (23)	3.4 (34)	5.1 (32)	4.5 (34)	424.2 (19)	87.1 (28)	6.2 (34)	-4.5 (1)	428.5 (28)	130.4 (4)	64.4 (15)	70.0 (9)	50.0 (20)	80.0 (24)	90.0 (1)
NMML133 MILLAH MURRAH LOCH UP L133	38.8 (30)	280.2 (18)	240.7 (2)	361.8 (7)	570.5 (9)	311.7 (21)	55.4 (26)	4.1 (23)	6.2 (12)	5.3 (17)	431.4 (12)	88.4 (18)	8.0 (22)	-3.4 (14)	464.9 (20)	127.9 (1)	64.5 (14)	74.3 (4)	54.5 (14)	78.8 (26)	64.0 (24)
NURL20 MURRAY DOWNLOAD L20	38.0 (15)	281.9 (32)	220.2 (31)	333.7 (35)	540.8 (32)	315.5 (27)	55.0 (31)	4.3 (19)	6.1 (16)	5.0 (24)	398.1 (34)	87.1 (28)	8.7 (13)	-2.9 (29)	488.7 (10)	135.8 (14)	64.6 (11)	62.5 (16)	36.7 (30)	70.0 (32)	65.0 (22)
SMPK22 PATHFINDER KOMPLETE K22	34.8 (1)	278.0 (2)	213.5 (34)	336.3 (34)	536.8 (34)	309.7 (20)	55.8 (21)	5.2 (3)	6.8 (4)	5.8 (1)	401.1 (33)	86.9 (30)	8.4 (19)	-3.3 (19)	439.0 (26)	133.9 (8)	64.3 (18)	71.0 (7)	71.0 (5)	93.5 (4)	50.0 (32)
NORK835 RENNYLEA K835	40.8 (34)	281.5 (30)	226.2 (24)	353.7 (17)	566.7 (13)	313.2 (23)	57.5 (10)	4.8 (6)	6.7 (6)	5.7 (3)	417.5 (25)	86.8 (32)	9.8 (6)	-3.8 (3)	451.3 (22)	143.9 (33)	63.4 (31)	59.1 (23)	40.9 (27)	81.8 (19)	55.6 (30)
NORK522 RENNYLEA KODAK K522	36.0 (3)	280.8 (24)	226.5 (23)	354.1 (15)	551.8 (29)	313.0 (22)	55.0 (31)	5.4 (1)	6.7 (6)	5.5 (7)	419.5 (24)	90.1 (13)	9.2 (8)	-2.8 (31)	488.4 (11)	142.1 (31)	64.4 (15)	51.7 (30)	55.6 (13)	77.8 (27)	77.3 (9)
NZE19507013J7 STORTH OAKS JACK J7	38.7 (26)	280.9 (25)	232.4 (9)	379.1 (1)	598.8 (1)	301.9 (8)	58.2 (6)	4.6 (12)	6.2 (12)	5.5 (7)	443.9 (5)	89.9 (14)	8.0 (22)	-3.2 (23)	446.7 (24)	134.3 (9)	64.3 (18)	68.0 (11)	56.0 (12)	96.0 (3)	73.9 (15)
ELYH1 TRIO DOCKLANDS H1	37.5 (11)	278.0 (2)	224.9 (28)	357.5 (10)	571.4 (8)	306.8 (16)	55.1 (30)	5.3 (2)	6.8 (4)	5.2 (22)	436.6 (10)	88.3 (19)	7.5 (31)	-4.3 (2)	418.0 (29)	138.4 (21)	63.6 (27)	89.5 (2)	50.0 (20)	83.3 (17)	50.0 (32)
NWPL4 WATTLETOP LOCK L4	37.9 (14)	277.9 (1)	228.2 (20)	360.3 (8)	582.6 (4)	319.9 (33)	58.0 (8)	4.7 (10)	6.1 (16)	5.5 (7)	447.7 (1)	89.7 (15)	7.7 (29)	-3.3 (19)	465.4 (19)	134.6 (10)	64.4 (15)	60.0 (21)	52.4 (19)	90.5 (8)	68.8 (20)

8.1.8 ASBP Cohort 8 Progeny Performance Report

AngusSire™
Benchmarking Program

PROGENY PERFORMANCE REPORT

COHORT 8

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 Feedlot
John Dee Abattoir
University of New England (UNE)
Vetoquinol

Co-operator Cow Herds

Brad and Marg Gilmour, Boorcan, VIC.
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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	ABI	DOM	GRN	GRS
NXOL172	**AJC L172** [SV]				+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
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
ABI	Angus Breeding Index
DOM	Domestic Index
GRN	Heavy Grain Index
GRS	Heavy Grass 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 8
Mid December 2020 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	ABI	DOM	GRN	GRS
NXOL172	**AJC L172 SV**				+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
DGJL94	**ALLOURA LOCK STOCK & BARREL**				+7.5	+6.4	-4.8	+2.8	+52	+88	+115	+110	+11	+1.4	-4.8	+66	+1.2	+1.2	-1.5	-0.6	+2.2	-0.21	-3	+0.78	+0.86	$98	$96	$104	$92
USA15832750	HBR	7	56	15	53%	39%	93%	91%	86%	86%	86%	79%	68%	74%	50%	84%	78%	79%	79%	78%	79%	74%	82%	81%	81%				
DGJH24					15	18	45	18	27	49	49	28	92	75	49	47	99	14	78	90	39	10	82	10	53	55	57	48	62
NBNJ158	**BEN NEVIS JUDO J158 SV**				-3.3	+3.5	+1.8	+3.3	+48	+93	+121	+88	+24	+2.8	-5.9	+69	+0.4	+1.9	+0.7	-0.5	+1.2	+0.86	-4	+1.14	+0.92	$99	$101	$91	$100
CAN1274555	HBR	5	124	0	56%	39%	87%	94%	89%	90%	89%	82%	76%	82%	48%	82%	81%	82%	81%	79%	79%	69%	63%	53%	53%				
NBNG26					84	44	99	27	54	29	34	71	5	15	29	34	99	6	19	88	79	99	84	82	66	54	50	58	52
NGML173	**BOOROOMOOKA LEROY L173 SV**				+1.7	+5.8	-5.6	+5.3	+56	+98	+126	+113	+7	+1.7	-3.7	+61	+1.0	-1.7	-0.9	+0.1	+2.4	+0.31	+3	+0.94	+0.82	$117	$115	$126	$112
VTME343	HBR	6	111	28	59%	48%	95%	95%	91%	93%	92%	83%	73%	86%	64%	88%	85%	85%	85%	84%	85%	81%	92%	90%	90%				
NGME389					56	23	32	75	14	17	22	23	99	61	70	67	99	91	63	69	32	68	62	39	44	33	31	31	37
BONK065	**BRIDGEWATER STIMULUS K65 PV**				-3.8	+5.0	-10.9	+7.6	+59	+102	+142	+125	+5	+2.5	+0.2	+68	+4.3	-0.1	+1.3	+0.3	+0.3	-0.43	+31	+0.74	+0.52	$70	$72	$47	$79
USA16060001	APR	6	62	0	51%	37%	94%	92%	89%	89%	89%	81%	70%	79%	55%	86%	83%	84%	84%	84%	83%	78%	80%	84%	84%				
MBHG030					86	30	1	98	8	11	5	11	99	25	98	39	76	48	10	60	97	3	2	7	4	81	83	85	76
AMQL39	**BROOKLANA INFINITY L39 SV**				-6.8	-1.8	-2.4	+5.0	+44	+83	+104	+111	+11	+2.5	-9.3	+40	-1.4	+0.9	+2.6	-1.6	+1.6	-0.06	+8	+0.94	+0.78	$47	$62	$22	$49
NZE04379	HBR	7	42	3	58%	50%	94%	91%	87%	87%	88%	81%	71%	71%	63%	87%	85%	84%	85%	83%	85%	83%	83%	85%	84%				
AMQH11					94	85	83	69	75	67	76	27	92	25	2	99	99	19	2	99	64	21	44	39	36	92	90	93	93
GTNM3	**CHILTERN PARK MARBLES M3 PV**				+4.1	-4.3	-6.3	+2.5	+40	+77	+95	+49	+24	+2.9	-8.5	+55	+4.9	+0.2	-2.7	+1.1	+3.4	-0.04	+2	+1.10	+0.46	$145	$141	$161	$141
NORE11	HBR	19	162	56	64%	53%	96%	94%	92%	93%	93%	84%	75%	82%	65%	89%	86%	85%	87%	84%	86%	82%	87%	89%	89%				
GTNJ4					38	94	22	13	89	83	89	99	4	13	4	84	66	38	95	24	10	23	66	76	2	11	8	13	10
THCL61	**CLUDEN NEWRY ELEVATOR L61 PV**				-0.3	-0.4	-4.8	+5.8	+60	+114	+153	+155	+18	+2.1	-1.1	+88	+9.3	-2.0	-1.2	+2.7	+0.1	+0.39	+28	+1.00	+0.76	$83	$88	$64	$92
WDCE11	HBR	7	94	39	60%	46%	93%	95%	91%	92%	92%	84%	77%	81%	60%	88%	85%	84%	85%	82%	85%	80%	90%	89%	88%				
THCF92					69	77	45	84	6	2	2	1	41	42	95	2	9	94	71	1	99	77	4	54	32	70	67	76	62
NFSM6	**FARRER M6 PV**				+6.1	+6.9	-5.5	+1.9	+48	+88	+117	+90	+30	+0.8	-10.2	+75	+9.6	-0.2	+0.9	+0.7	+2.8	+0.61	-1	+0.96	+0.78	$175	$156	$196	$169
USA17366506	HBR	6	30	0	56%	45%	93%	89%	85%	86%	86%	80%	70%	74%	59%	86%	83%	82%	84%	81%	84%	80%	81%	86%	85%				
NFSK45					24	15	33	7	55	46	43	69	1	92	1	17	8	52	16	40	21	93	74	44	36	2	3	4	2
NFWM049	**GLENAVON DOCKLANDS M049 SV**				-1.2	-14.6	-7.2	+6.6	+54	+99	+145	+139	+20	+1.5	-2.1	+65	+7.1	-3.3	-1.7	+1.6	+1.6	-0.79	-16	+0.92	+0.74	$71	$58	$63	$76
QHED62	HBR	6	63	11	60%	52%	94%	93%	89%	89%	90%	82%	73%	81%	58%	85%	82%	83%	83%	81%	82%	78%	77%	78%	78%				
NFWG028					74	99	13	93	21	16	4	4	24	71	90	49	28	99	82	10	64	1	98	35	27	80	92	77	78
DKKM56	**HARDHAT RES MICHELIN J536 M56**				-12.6	-15.0	-1.3	+7.3	+56	+93	+120	+103	+11	+0.8	-0.5	+61	+10.8	+0.7	+1.1	+2.5	-1.1	-0.72	+11	+0.66	+0.82	$64	$78	$37	$73
USA17016597	HBR	6	28	0	64%	42%	93%	88%	84%	84%	85%	79%	69%	75%	54%	84%	82%	83%	82%	83%	82%	78%	78%	84%	84%				
DKKJ536					99	99	92	97	13	31	36	43	93	92	97	65	4	23	13	2	99	1	34	3	44	84	78	88	81
NHZK416	**HAZELDEAN KATZEN K416 SV**				+12.5	+1.3	-12.5	+2.1	+54	+94	+126	+123	+18	+3.2	-12.1	+76	+1.6	+4.1	+3.2	-1.7	+1.9	+0.54	+41	+0.98	+0.92	$130	$119	$132	$126
NORE11	APR	10	392	174	72%	58%	98%	98%	96%	96%	94%	88%	86%	94%	65%	91%	87%	85%	87%	84%	87%	84%	95%	92%	92%				
NHZH342					1	64	1	9	22	26	22	13	41	8	1	14	98	1	1	99	51	89	1	49	66	21	26	27	21
CJMM8	**HIGH SPA M8 SV**				+2.7	+4.5	-6.9	+3.3	+49	+88	+125	+102	+15	+2.1	-3.6	+78	+5.3	-2.8	-2.1	+1.3	+0.9	+0.35	+5	+1.14	+0.82	$97	$92	$84	$105
USA15354674	APR	7	53	16	57%	45%	94%	90%	88%	86%	87%	81%	73%	73%	59%	85%	82%	83%	83%	82%	82%	79%	78%	81%	81%				
CJMF9					49	34	15	27	50	49	25	43	64	42	72	11	59	99	89	17	88	73	55	82	44	56	62	63	45
NZE13300013	**KAKAHU BOND 13007 #**				+9.9	+2.5	-5.1	+3.3	+50	+87	+102	+96	+12	+5.0	-8.0	+69	+1.9	+0.6	+0.1	-0.5	+3.2	-0.06	+5	+0.92	+1.02	$118	$124	$133	$111
USA16205036	HBR	6	22	0	58%	43%	96%	94%	91%	92%	93%	86%	80%	90%	57%	88%	86%	85%	87%	84%	86%	81%	77%	77%	76%				
NZE13300111355					5	53	39	27	40	52	79	55	87	1	7	35	97	26	34	88	13	21	55	35	82	32	20	27	38
	Breed Average EBVs				**+2.0**	**+2.5**	**-4.5**	**+4.2**	**+48**	**+87**	**+114**	**+99**	**+17**	**+2.0**	**-4.8**	**+65**	**+6.0**	**-0.1**	**-0.4**	**+0.5**	**+2.0**	**+0.18**	**+6**	**+0.98**	**+0.85**	**+100**	**+100**	**+100**	**+100**

Angus Australia - Sire Benchmarking Program - Cohort 8
Mid December 2020 TransTasman Angus Cattle Evaluation

Ident / Sire / Dam	Name / Reg.	Statistics: Num Herd	Prog	Prog 2Yr.	Calv-Ease: Dir	Calv-Ease: Dtrs	Birth: GL	Birth: BW	Growth: 200	Growth: 400	Growth: 600	Growth: MCW	Growth: Milk	Fert: SS	Fert: DC	Carcase: CW	Carcase: EMA	Carcase: Rib	Carcase: P8	Carcase: RBY	Carcase: IMF	Feed: NFI-F	Temp: Doc	Structural: Angle	Structural: Claw	Selection Index: ABI	Selection Index: DOM	Selection Index: GRN	Selection Index: GRS
WKHL43	**KOOJAN HILLS GATSBY L43** SV				+3.9	-2.4	-5.0	+4.2	+43	+81	+108	+85	+21	+3.1	-10.0	+63	+5.1	+0.1	+0.7	+0.0	+4.0	+0.20	-9	+0.96	+0.90	$140	$125	$158	$137
NJWG279	HBR	7	141	68	58%	46%	93%	94%	90%	90%	90%	81%	71%	83%	59%	84%	82%	82%	82%	80%	82%	76%	91%	84%	84%				
WKHF73					40	88	41	49	78	73	67	77	15	9	1	59	62	41	19	72	3	54	92	44	62	14	19	14	13
VLYL488	**LAWSONS LEO L488** SV				-3.5	+5.1	-8.7	+4.2	+57	+95	+126	+102	+22	+1.3	-6.7	+81	+9.7	+0.6	-0.3	+1.1	+2.3	+0.25	-7	+0.74	+0.56	$156	$140	$178	$150
USA17366506	HBR	10	72	25	67%	52%	97%	96%	93%	93%	94%	85%	74%	90%	59%	89%	87%	87%	87%	86%	87%	83%	90%	84%	84%				
VLYH212					85	29	5	49	12	24	24	44	9	78	18	6	7	26	45	24	35	61	88	7	6	7	9	7	6
VLYL483	**LAWSONS LINKEDIN L483** SV				+7.4	-8.7	-1.4	+4.0	+58	+105	+149	+141	+26	+4.0	-4.9	+92	+7.4	-0.4	+1.9	+1.1	+2.1	+0.08	+6	+0.76	+0.94	$131	$108	$142	$131
HKFJ5	HBR	10	449	53	66%	54%	98%	98%	96%	96%	96%	86%	76%	92%	59%	89%	84%	84%	86%	81%	85%	78%	86%	83%	83%				
VLYH221					16	99	91	43	8	7	3	3	2	2	47	1	24	58	5	24	42	37	51	8	69	20	40	21	17
CSWK428	**MURDEDUKE KICKING K428** PV				+10.4	+11.3	-7.4	+1.7	+45	+91	+125	+100	+24	+3.6	-5.3	+67	+3.4	+1.3	-1.8	+0.9	+1.5	+0.13	+33	+0.92	+0.92	$101	$99	$90	$109
VTME343	HBR	10	288	85	69%	54%	97%	97%	95%	95%	94%	92%	84%	92%	66%	90%	88%	86%	88%	84%	87%	83%	96%	93%	93%				
CSWE175					4	1	11	6	72	36	25	48	5	4	40	42	88	12	84	31	68	44	2	35	66	51	52	59	40
NURM208	**MURRAY GENESIS M208** PV				+4.9	+6.6	-6.2	+5.0	+54	+103	+130	+119	+20	+3.4	-7.8	+85	+13.7	+1.4	-0.5	+2.2	+2.1	+1.12	-7	+0.98	+0.96	$148	$148	$147	$149
SMPG357	HBR	7	80	33	56%	42%	92%	92%	88%	88%	87%	81%	72%	72%	59%	85%	83%	83%	83%	82%	83%	79%	85%	85%	86%				
NURK45					32	17	23	69	21	9	16	17	25	6	8	3	1	11	51	3	42	99	89	49	73	10	5	19	7
NURM204	**MURRAY PROCEED M204** PV				-10.1	+4.8	-3.8	+5.0	+61	+110	+138	+128	+19	+3.3	-6.9	+92	+11.7	-2.9	-2.3	+0.8	+6.5	+0.34	+1	+0.84	+0.96	$168	$138	$249	$152
USA16956101	HBR	11	83	2	57%	44%	95%	93%	91%	91%	91%	83%	73%	82%	59%	88%	86%	86%	87%	86%	86%	82%	89%	89%	89%				
NURJ43					98	31	62	69	4	3	8	9	31	7	16	1	2	99	91	36	1	72	69	18	73	3	10	1	6
SFNL21	**NAMPARA LIBERTY L21** SV				-5.5	+2.7	-7.0	+8.3	+65	+110	+148	+142	+9	+2.9	-2.1	+82	+7.5	-2.2	-0.3	+2.7	-1.3	-0.42	+23	+0.92	+0.94	$80	$92	$50	$95
NZE10322010609	HBR	15	373	154	57%	38%	97%	97%	93%	94%	94%	83%	71%	93%	53%	90%	88%	85%	88%	84%	87%	84%	87%	84%	83%				
SFNH65					91	52	15	99	2	4	3	3	97	13	90	5	23	96	45	1	99	3	8	35	69	73	62	83	58
USA16981588	**PA FULL POWER 1208** PV				-6.5	-4.2	-5.4	+3.6	+54	+98	+118	+85	+14	+2.0	-3.0	+67	+13.0	-0.7	+0.8	+1.3	+3.7	+0.78	+12	+1.02	+1.30	$162	$152	$201	$155
USA16381311	HBR	60	811	232	83%	63%	99%	98%	98%	98%	97%	96%	94%	97%	65%	93%	93%	92%	91%	90%	91%	84%	98%	97%	97%				
USA16408070					93	94	35	34	23	17	41	77	73	46	81	42	1	68	18	17	6	98	32	59	99	5	4	3	5
SMPM558	**PATHFINDER MAXIMUS M558** PV				+0.9	-0.5	-6.6	+5.9	+61	+99	+135	+133	+26	+4.8	-10.1	+60	+9.6	-1.2	+0.6	+1.3	+3.0	-0.12	+32	+1.02	+0.88	$157	$135	$179	$150
VTMG67	HBR	8	145	35	61%	49%	96%	96%	92%	93%	94%	85%	80%	90%	61%	88%	87%	87%	87%	86%	86%	81%	74%	77%	76%				
SMPH458					62	78	18	86	5	15	11	6	2	1	1	70	8	82	22	17	17	16	2	59	57	6	12	7	6
CXBL77	**PRIME LEGEND L77** SV				+5.0	+6.8	-8.4	+2.1	+45	+90	+102	+75	+23	+1.9	-6.4	+54	+6.4	-1.4	-0.9	+1.8	+1.6	-0.22	+20	+0.72	+0.96	$138	$151	$138	$136
WLHD19	HBR	10	75	0	59%	47%	95%	93%	89%	90%	88%	82%	76%	82%	60%	86%	84%	84%	85%	82%	84%	80%	87%	85%	85%				
CXBF20					31	16	6	9	68	40	79	89	6	51	22	87	39	86	63	7	64	9	11	5	73	15	5	24	14
NORL683	**RENNYLEA L683** PV				+3.0	+1.7	-5.6	+5.2	+55	+94	+124	+114	+14	+2.4	-9.1	+83	+6.0	+0.6	-1.1	+0.3	+2.3	+0.77	+5	+0.96	+0.74	$130	$123	$134	$126
NORE11	APR	11	240	80	64%	51%	97%	97%	94%	95%	95%	86%	77%	93%	64%	88%	87%	86%	87%	85%	86%	83%	93%	88%	88%				
NORJ631					47	61	32	73	17	28	28	23	73	28	2	4	46	26	69	60	35	97	56	44	27	21	22	26	21
NORM27	**RENNYLEA M27** PV				-5.4	-2.7	-5.1	+8.3	+59	+101	+133	+120	+22	+4.8	-5.2	+73	+12.4	-2.3	-4.0	+3.3	+2.3	-0.11	+15	+0.78	+0.84	$119	$114	$124	$119
NORG317	HBR	5	25	0	54%	45%	91%	88%	85%	85%	86%	81%	72%	76%	59%	85%	83%	85%	83%	85%	83%	79%	81%	81%	83%				
NORH370					91	89	39	99	7	12	13	15	9	1	42	21	1	97	99	1	35	17	22	10	49	31	32	33	28
VTMK52	**TE MANIA KALIBROOK K52** PV				+10.7	+7.6	-3.1	+1.3	+50	+106	+122	+78	+25	+2.1	-11.7	+64	+3.2	+1.1	+3.2	-2.2	+5.5	+1.61	+3	+1.00	+1.08	$211	$193	$279	$196
USA16295688	HBR	8	81	7	57%	45%	93%	91%	86%	87%	87%	81%	72%	78%	62%	84%	82%	84%	83%	83%	83%	76%	82%	86%	86%				
VTMH423					3	11	73	4	38	6	31	86	3	42	1	53	89	15	1	99	1	99	63	54	89	1	1	1	1
VTMK138	**TE MANIA KIRBY K138** PV				+4.3	+8.7	-1.9	+4.2	+53	+94	+118	+96	+23	+1.8	-12.4	+69	+5.0	+0.8	+2.8	-2.9	+7.4	+1.04	-6	+0.76	+0.84	$195	$155	$290	$171
USA16295688	HBR	13	826	218	78%	60%	98%	98%	97%	98%	97%	90%	84%	96%	66%	93%	91%	89%	92%	88%	90%	83%	97%	98%	98%				
VTMH17					37	6	88	49	26	28	41	56	8	56	1	33	64	21	2	99	1	99	86	8	49	1	4	1	2
	Breed Average EBVs				**+2.0**	**+2.5**	**-4.5**	**+4.2**	**+48**	**+87**	**+114**	**+99**	**+17**	**+2.0**	**-4.8**	**+65**	**+6.0**	**-0.1**	**-0.4**	**+0.5**	**+2.0**	**+0.18**	**+6**	**+0.98**	**+0.85**	**+100**	**+100**	**+100**	**+100**

Angus Australia - Sire Benchmarking Program - Cohort 8
Mid December 2020 TransTasman Angus Cattle Evaluation

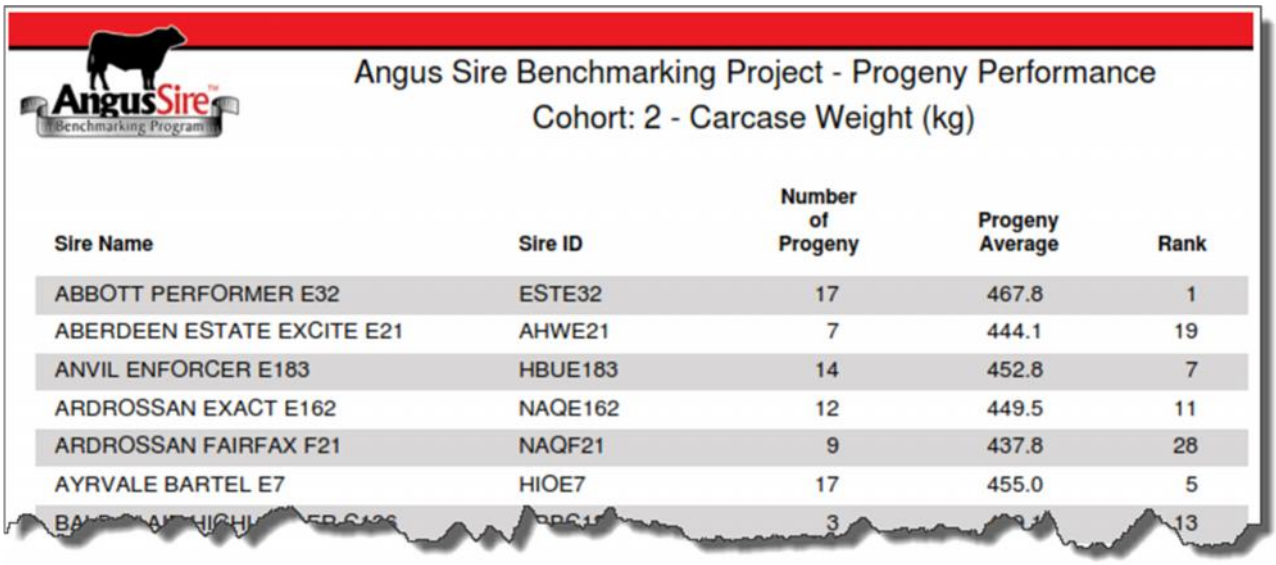
Ident / Sire / Dam	Name / Reg.	Statistics: Num Herd	Prog	Prog 2Yr.	Calv-Ease: Dir	Calv-Ease: Dtrs	Birth: GL	Birth: BW	Growth: 200	Growth: 400	Growth: 600	Growth: MCW	Growth: Milk	Fert: SS	Fert: DC	Carcase: CW	Carcase: EMA	Carcase: Rib	Carcase: P8	Carcase: RBY	Carcase: IMF	Feed: NFI-F	Temp: Doc	Structural: Angle	Structural: Claw	Selection Index: ABI	Selection Index: DOM	Selection Index: GRN	Selection Index: GRS
VTML27	**TE MANIA LACKEY L27** SV				-3.6	+4.4	-10.0	+5.8	+65	+119	+168	+162	+24	+2.3	-6.0	+87	+2.3	-1.4	-3.2	+0.1	+1.8	-0.35	+34	+1.04	+0.66	$101	$85	$106	$99
VTMG67	HBR	6	128	47	61%	48%	94%	95%	92%	92%	91%	83%	72%	91%	61%	88%	87%	87%	87%	86%	86%	82%	86%	90%	90%				
VTMJ274					85	35	2	84	2	1	1	1	5	32	28	2	95	86	98	69	55	4	1	64	15	51	71	46	53
VTML64	**TE MANIA LANCASTER L64** PV				+4.0	+5.4	-9.9	+3.3	+52	+95	+123	+114	+12	+1.2	-10.9	+77	+1.9	-0.1	-1.8	-1.4	+4.5	-0.52	-3	+1.06	+0.80	$144	$129	$178	$134
VTMJ131	HBR	13	367	184	72%	54%	98%	97%	96%	96%	95%	85%	75%	95%	60%	91%	90%	88%	90%	86%	89%	87%	96%	95%	95%				
VTMJ1139					39	26	2	27	29	25	28	23	88	82	1	12	97	48	84	98	1	2	81	68	40	12	16	7	15
DBLL292	**TOPBOS LEADING EDGE L292** PV				+1.1	+4.6	-5.3	+6.8	+74	+131	+169	+159	+22	+1.9	-7.2	+83	+6.8	-0.3	-2.8	+1.4	+1.8	+0.29	+18	+0.84	+1.06	$167	$156	$187	$157
USA16295688	HBR	29	456	238	60%	47%	97%	98%	96%	96%	95%	85%	75%	95%	63%	89%	88%	86%	87%	84%	87%	83%	94%	88%	88%				
VSNF04					60	33	36	95	1	1	1	1	10	51	13	4	32	55	95	15	55	66	14	18	87	4	3	5	4
NXTL096	**TWYNAM L096** SV				+10.0	+10.0	-7.9	+3.0	+56	+108	+158	+138	+24	+3.2	-10.1	+104	+1.2	-0.6	+0.6	-1.4	+3.4	-0.01	-3	+0.92	+0.60	$152	$120	$171	$150
NXTH111	APR	8	49	13	51%	36%	93%	91%	86%	86%	86%	79%	68%	78%	52%	84%	80%	82%	82%	80%	81%	81%	74%	74%	73%				
NXTJ078					5	3	8	21	13	5	1	4	6	8	1	1	99	65	22	98	10	26	79	35	8	8	25	9	6
BSCL16	**WAITARA 292 LIBERATOR L16** PV				+6.2	+5.5	-3.9	+2.8	+48	+95	+129	+83	+30	+2.6	-4.6	+64	+11.3	-1.2	-1.9	+2.4	+1.3	+0.60	+14	+0.78	+0.96	$146	$137	$143	$151
USA17262374	HBR	8	35	0	53%	39%	93%	90%	86%	87%	85%	79%	70%	76%	52%	83%	79%	80%	81%	77%	80%	73%	83%	85%	85%				
BSCJ56					23	25	60	18	53	23	18	80	1	21	53	53	3	82	86	2	76	92	25	10	73	11	10	21	6
NWPM34	**WATTLETOP BIG SKY M34** SV				-8.0	+4.1	-2.8	+4.0	+49	+91	+122	+104	+20	+1.9	-2.2	+68	+4.6	-1.9	-1.5	+1.2	+1.0	+0.52	+32	+0.84	+0.66	$70	$73	$59	$74
USA17614813	HBR	6	15	2	52%	40%	91%	84%	80%	79%	80%	76%	67%	72%	48%	76%	74%	76%	75%	73%	74%	70%	70%	75%	76%				
NWPK21					96	38	78	43	47	35	31	39	20	51	89	40	71	93	78	20	85	88	2	18	15	81	82	79	80
NWPM51	**WATTLETOP BLACK PEARL M51** SV				-3.2	+2.7	-5.2	+7.2	+67	+115	+162	+135	+16	+3.2	-3.1	+89	+5.6	-1.2	-1.6	+1.4	+0.5	-0.08	+5	+0.96	+0.90	$123	$111	$117	$127
USA17236055	HBR	3	10	0	52%	42%	89%	81%	78%	79%	80%	76%	69%	73%	51%	79%	76%	77%	77%	74%	77%	71%	69%	75%	75%				
NWPK36					84	52	38	97	1	2	1	5	59	8	80	2	53	82	80	15	95	19	56	44	62	27	36	38	20
	Breed Average EBVs				**+2.0**	**+2.5**	**-4.5**	**+4.2**	**+48**	**+87**	**+114**	**+99**	**+17**	**+2.0**	**-4.8**	**+65**	**+6.0**	**-0.1**	**-0.4**	**+0.5**	**+2.0**	**+0.18**	**+6**	**+0.98**	**+0.85**	**+100**	**+100**	**+100**	**+100**

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: 8 - Birth Weight (kg)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
AJC L172	NXOL172	33	34.1	10
ALLOURA LOCK STOCK & BARREL L94	DGJL94	15	34.6	17
BEN NEVIS JUDO J158	NBNJ158	13	34.5	16
BOOROOMOOKA LEROY L173	NGML173	30	35.8	26
BRIDGEWATER STIMULUS K65	BONK065	39	36.6	32
BROOKLANA INFINITY L39	AMQL39	36	35.8	26
CHILTERN PARK MARBLES M3	GTNM3	30	33.7	8
CLUDEN NEWRY ELEVATOR L61	THCL61	26	36.1	30
FARRER M6	NFSM6	30	33.3	3
GLENAVON DOCKLANDS M049	NFWM049	18	35.4	20
HARDHAT RES MICHELIN J536 M56	DKKM56	26	37.7	34
HAZELDEAN KATZEN K416	NHZK416	39	33.4	5
HIGH SPA M8	CJMM8	19	36.0	29
KAKAHU BOND 13007	NZE13300013007	22	33.6	6
KOOJAN HILLS GATSBY L43	WKHL43	28	34.3	13
LAWSONS LEO L488	VLYL488	27	34.1	10
LAWSONS LINKEDIN L483	VLYL483	26	33.3	3
MURDEDUKE KICKING K428	CSWK428	40	34.8	18
MURRAY GENESIS M208	NURM208	24	35.3	19
MURRAY PROCEED M204	NURM204	32	35.4	20
NAMPARA LIBERTY L21	SFNL21	31	37.9	35
PA FULL POWER 1208	USA16981588	24	35.6	24
PATHFINDER MAXIMUS M558	SMPM558	12	35.4	20
PRIME LEGEND L77	CXBL77	28	34.1	10
RENNYLEA L683	NORL683	28	35.5	23
RENNYLEA M27	NORM27	24	36.8	33
TE MANIA KALIBROOK K52	VTMK52	24	33.8	9
TE MANIA KIRBY K138	VTMK138	33	35.6	24
TE MANIA LACKEY L27	VTML27	24	34.3	13
TE MANIA LANCASTER L64	VTML64	36	33.6	6
TOPBOS LEADING EDGE L292	DBLL292	29	36.5	31
TWYNAM L096	NXTL096	21	32.8	1
WAITARA 292 LIBERATOR L16	BSCL16	19	33.0	2
WATTLETOP BIG SKY M34	NWPM34	13	34.4	15
WATTLETOP BLACK PEARL M51	NWPM51	10	35.9	28

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 8 - Gestation Length (days)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
AJC L172	NXOL172	32	277.7	8
ALLOURA LOCK STOCK & BARREL L94	DGJL94	14	280.4	29
BEN NEVIS JUDO J158	NBNJ158	11	283.2	36
BOOROOMOOKA LEROY L173	NGML173	31	279.7	26
BRIDGEWATER STIMULUS K65	BONK065	41	275.8	2
BROOKLANA INFINITY L39	AMQL39	36	280.7	30
CHILTERN PARK MARBLES M3	GTNM3	31	278.7	13
CLUDEN NEWRY ELEVATOR L61	THCL61	25	279.6	23
FARRER M6	NFSM6	31	278.9	15
GLENAVON DOCKLANDS M049	NFWM049	19	277.2	6
HARDHAT RES MICHELIN J536 M56	DKKM56	27	282.4	35
HAZELDEAN KATZEN K416	NHZK416	38	275.0	1
HIGH SPA M8	CJMM8	21	279.2	19
KAKAHU BOND 13007	NZE13300013007	22	278.4	10
KOOJAN HILLS GATSBY L43	WKHL43	27	279.3	21
LAWSONS LEO L488	VLYL488	26	278.8	14
LAWSONS LINKEDIN L483	VLYL483	26	280.2	27
MURDEDUKE KICKING K428	CSWK428	36	278.6	12
MURRAY GENESIS M208	NURM208	24	278.4	10
MURRAY PROCEED M204	NURM204	31	280.3	28
NAMPARA LIBERTY L21	SFNL21	32	278.2	9
PA FULL POWER 1208	USA16981588	25	279.1	17
PATHFINDER MAXIMUS M558	SMPM558	12	281.0	31
PRIME LEGEND L77	CXBL77	29	277.3	7
RENNYLEA L683	NORL683	27	279.6	23
RENNYLEA M27	NORM27	22	279.2	19
TE MANIA KALIBROOK K52	VTMK52	23	282.0	33
TE MANIA KIRBY K138	VTMK138	29	281.4	32
TE MANIA LACKEY L27	VTML27	24	277.1	5
TE MANIA LANCASTER L64	VTML64	37	276.5	3
TOPBOS LEADING EDGE L292	DBLL292	31	279.0	16
TWYNAM L096	NXTL096	20	276.7	4
WAITARA 292 LIBERATOR L16	BSCL16	19	279.6	23
WATTLETOP BIG SKY M34	NWPM34	13	282.1	34
WATTLETOP BLACK PEARL M51	NWPM51	8	279.1	17

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 8 - 200 Day Weight (kg)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
AJC L172	NXOL172	36	190.6	14
ALLOURA LOCK STOCK & BARREL L94	DGJL94	14	185.9	23
BEN NEVIS JUDO J158	NBNJ158	11	182.5	26
BOOROOMOOKA LEROY L173	NGML173	29	197.0	4
BRIDGEWATER STIMULUS K65	BONK065	35	195.2	7
BROOKLANA INFINITY L39	AMQL39	32	179.9	30
CHILTERN PARK MARBLES M3	GTNM3	30	177.0	34
CLUDEN NEWRY ELEVATOR L61	THCL61	25	189.4	18
FARRER M6	NFSM6	26	186.5	21
GLENAVON DOCKLANDS M049	NFWM049	17	183.7	25
HARDHAT RES MICHELIN J536 M56	DKKM56	21	189.6	17
HAZELDEAN KATZEN K416	NHZK416	42	187.6	20
HIGH SPA M8	CJMM8	20	179.5	31
KAKAHU BOND 13007	NZE13300013007	21	192.2	10
KOOJAN HILLS GATSBY L43	WKHL43	28	185.5	24
LAWSONS LEO L488	VLYL488	27	191.1	12
LAWSONS LINKEDIN L483	VLYL483	24	181.4	29
MURDEDUKE KICKING K428	CSWK428	36	181.8	28
MURRAY GENESIS M208	NURM208	24	191.0	13
MURRAY PROCEED M204	NURM204	32	195.9	5
NAMPARA LIBERTY L21	SFNL21	32	198.8	2
PA FULL POWER 1208	USA16981588	24	191.6	11
PATHFINDER MAXIMUS M558	SMPM558	12	195.3	6
PRIME LEGEND L77	CXBL77	30	182.3	27
RENNYLEA L683	NORL683	27	190.0	16
RENNYLEA M27	NORM27	24	197.5	3
TE MANIA KALIBROOK K52	VTMK52	22	186.1	22
TE MANIA KIRBY K138	VTMK138	31	192.8	9
TE MANIA LACKEY L27	VTML27	25	193.5	8
TE MANIA LANCASTER L64	VTML64	35	190.4	15
TOPBOS LEADING EDGE L292	DBLL292	29	199.4	1
TWYNAM L096	NXTL096	18	187.9	19
WAITARA 292 LIBERATOR L16	BSCL16	21	178.4	33
WATTLETOP BIG SKY M34	NWPM34	9	179.3	32
WATTLETOP BLACK PEARL M51	NWPM51	9	176.3	35

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 8 - 400 Day Weight (kg)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
AJC L172	NXOL172	35	344.3	14
ALLOURA LOCK STOCK & BARREL L94	DGJL94	13	318.5	35
BEN NEVIS JUDO J158	NBNJ158	8	339.6	21
BOOROOMOOKA LEROY L173	NGML173	26	342.0	19
BRIDGEWATER STIMULUS K65	BONK065	30	343.1	17
BROOKLANA INFINITY L39	AMQL39	27	321.6	34
CHILTERN PARK MARBLES M3	GTNM3	27	328.0	33
CLUDEN NEWRY ELEVATOR L61	THCL61	21	348.0	7
FARRER M6	NFSM6	24	334.1	27
GLENAVON DOCKLANDS M049	NFWM049	13	344.0	15
HARDHAT RES MICHELIN J536 M56	DKKM56	18	347.6	8
HAZELDEAN KATZEN K416	NHZK416	35	339.1	22
HIGH SPA M8	CJMM8	19	336.1	26
KAKAHU BOND 13007	NZE13300013007	20	333.3	28
KOOJAN HILLS GATSBY L43	WKHL43	26	330.5	30
LAWSONS LEO L488	VLYL488	23	338.8	23
LAWSONS LINKEDIN L483	VLYL483	20	349.0	6
MURDEDUKE KICKING K428	CSWK428	31	333.0	29
MURRAY GENESIS M208	NURM208	19	344.9	12
MURRAY PROCEED M204	NURM204	29	355.1	1
NAMPARA LIBERTY L21	SFNL21	29	347.4	9
PA FULL POWER 1208	USA16981588	21	343.8	16
PATHFINDER MAXIMUS M558	SMPM558	11	353.6	2
PRIME LEGEND L77	CXBL77	26	337.2	24
RENNYLEA L683	NORL683	20	341.4	20
RENNYLEA M27	NORM27	20	350.9	5
TE MANIA KALIBROOK K52	VTMK52	21	345.6	11
TE MANIA KIRBY K138	VTMK138	28	342.2	18
TE MANIA LACKEY L27	VTML27	21	352.0	4
TE MANIA LANCASTER L64	VTML64	31	337.2	24
TOPBOS LEADING EDGE L292	DBLL292	25	353.2	3
TWYNAM L096	NXTL096	16	346.9	10
WAITARA 292 LIBERATOR L16	BSCL16	15	330.4	31
WATTLETOP BIG SKY M34	NWPM34	10	329.7	32
WATTLETOP BLACK PEARL M51	NWPM51	7	344.6	13

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 8 - 600 Day Weight (kg)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
AJC L172	NXOL172	24	589.6	11
ALLOURA LOCK STOCK & BARREL L94	DGJL94	8	564.4	34
BEN NEVIS JUDO J158	NBNJ158	3	586.5	15
BOOROOMOOKA LEROY L173	NGML173	22	567.2	33
BRIDGEWATER STIMULUS K65	BONK065	16	576.1	28
BROOKLANA INFINITY L39	AMQL39	19	555.6	35
CHILTERN PARK MARBLES M3	GTNM3	15	572.7	29
CLUDEN NEWRY ELEVATOR L61	THCL61	14	592.1	7
FARRER M6	NFSM6	17	588.0	14
GLENAVON DOCKLANDS M049	NFWM049	10	582.3	20
HARDHAT RES MICHELIN J536 M56	DKKM56	14	578.5	24
HAZELDEAN KATZEN K416	NHZK416	26	588.5	12
HIGH SPA M8	CJMM8	14	584.2	18
KAKAHU BOND 13007	NZE13300013007	16	570.3	31
KOOJAN HILLS GATSBY L43	WKHL43	12	576.2	26
LAWSONS LEO L488	VLYL488	16	593.5	6
LAWSONS LINKEDIN L483	VLYL483	13	612.9	4
MURDEDUKE KICKING K428	CSWK428	17	579.0	23
MURRAY GENESIS M208	NURM208	13	584.1	19
MURRAY PROCEED M204	NURM204	19	581.9	21
NAMPARA LIBERTY L21	SFNL21	18	593.8	5
PA FULL POWER 1208	USA16981588	16	571.9	30
PATHFINDER MAXIMUS M558	SMPM558	10	590.0	10
PRIME LEGEND L77	CXBL77	12	570.0	32
RENNYLEA L683	NORL683	14	588.1	13
RENNYLEA M27	NORM27	11	581.4	22
TE MANIA KALIBROOK K52	VTMK52	11	577.3	25
TE MANIA KIRBY K138	VTMK138	20	584.3	17
TE MANIA LACKEY L27	VTML27	18	616.0	2
TE MANIA LANCASTER L64	VTML64	21	576.2	26
TOPBOS LEADING EDGE L292	DBLL292	12	591.5	8
TWYNAM L096	NXTL096	11	613.0	3
WAITARA 292 LIBERATOR L16	BSCL16	8	590.5	9
WATTLETOP BIG SKY M34	NWPM34	7	586.5	15
WATTLETOP BLACK PEARL M51	NWPM51	5	626.7	1

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 8 - Days to Calving (heifers) (days)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
AJC L172	NXOL172	8	304.3	19
ALLOURA LOCK STOCK & BARREL L94	DGJL94	0	0.0	0
BEN NEVIS JUDO J158	NBNJ158	0	0.0	0
BOOROOMOOKA LEROY L173	NGML173	10	312.0	26
BRIDGEWATER STIMULUS K65	BONK065	7	312.2	28
BROOKLANA INFINITY L39	AMQL39	5	295.6	5
CHILTERN PARK MARBLES M3	GTNM3	6	306.2	22
CLUDEN NEWRY ELEVATOR L61	THCL61	5	295.9	6
FARRER M6	NFSM6	7	295.4	4
GLENAVON DOCKLANDS M049	NFWM049	0	0.0	0
HARDHAT RES MICHELIN J536 M56	DKKM56	6	304.8	21
HAZELDEAN KATZEN K416	NHZK416	9	304.7	20
HIGH SPA M8	CJMM8	5	307.2	24
KAKAHU BOND 13007	NZE13300013007	4	312.1	27
KOOJAN HILLS GATSBY L43	WKHL43	9	297.2	8
LAWSONS LEO L488	VLYL488	3	299.5	11
LAWSONS LINKEDIN L483	VLYL483	7	296.2	7
MURDEDUKE KICKING K428	CSWK428	11	298.6	10
MURRAY GENESIS M208	NURM208	6	303.1	16
MURRAY PROCEED M204	NURM204	8	301.8	15
NAMPARA LIBERTY L21	SFNL21	2	300.3	13
PA FULL POWER 1208	USA16981588	4	314.4	29
PATHFINDER MAXIMUS M558	SMPM558	0	0.0	0
PRIME LEGEND L77	CXBL77	7	311.6	25
RENNYLEA L683	NORL683	4	304.0	18
RENNYLEA M27	NORM27	4	300.3	13
TE MANIA KALIBROOK K52	VTMK52	8	298.2	9
TE MANIA KIRBY K138	VTMK138	8	290.9	1
TE MANIA LACKEY L27	VTML27	5	306.4	23
TE MANIA LANCASTER L64	VTML64	4	292.6	3
TOPBOS LEADING EDGE L292	DBLL292	6	303.7	17
TWYNAM L096	NXTL096	4	292.1	2
WAITARA 292 LIBERATOR L16	BSCL16	6	300.2	12
WATTLETOP BIG SKY M34	NWPM34	0	0.0	0
WATTLETOP BLACK PEARL M51	NWPM51	0	0.0	0

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 8 - Scan EMA (sq cm)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
AJC L172	NXOL172	33	58.8	23
ALLOURA LOCK STOCK & BARREL L94	DGJL94	10	57.0	33
BEN NEVIS JUDO J158	NBNJ158	6	57.2	32
BOOROOMOOKA LEROY L173	NGML173	25	59.5	15
BRIDGEWATER STIMULUS K65	BONK065	24	58.5	26
BROOKLANA INFINITY L39	AMQL39	25	56.4	34
CHILTERN PARK MARBLES M3	GTNM3	24	58.3	29
CLUDEN NEWRY ELEVATOR L61	THCL61	21	62.5	5
FARRER M6	NFSM6	22	58.8	23
GLENAVON DOCKLANDS M049	NFWM049	12	59.2	19
HARDHAT RES MICHELIN J536 M56	DKKM56	18	62.2	6
HAZELDEAN KATZEN K416	NHZK416	33	58.5	26
HIGH SPA M8	CJMM8	18	58.9	20
KAKAHU BOND 13007	NZE13300013007	17	57.7	30
KOOJAN HILLS GATSBY L43	WKHL43	24	58.9	20
LAWSONS LEO L488	VLYL488	19	60.3	10
LAWSONS LINKEDIN L483	VLYL483	18	59.8	14
MURDEDUKE KICKING K428	CSWK428	29	58.5	26
MURRAY GENESIS M208	NURM208	18	61.7	7
MURRAY PROCEED M204	NURM204	26	62.6	4
NAMPARA LIBERTY L21	SFNL21	22	58.6	25
PA FULL POWER 1208	USA16981588	19	62.8	2
PATHFINDER MAXIMUS M558	SMPM558	11	60.0	12
PRIME LEGEND L77	CXBL77	21	60.5	9
RENNYLEA L683	NORL683	19	60.0	12
RENNYLEA M27	NORM27	17	62.8	2
TE MANIA KALIBROOK K52	VTMK52	19	59.4	17
TE MANIA KIRBY K138	VTMK138	28	60.3	10
TE MANIA LACKEY L27	VTML27	22	59.4	17
TE MANIA LANCASTER L64	VTML64	28	59.5	15
TOPBOS LEADING EDGE L292	DBLL292	22	58.9	20
TWYNAM L096	NXTL096	14	57.7	30
WAITARA 292 LIBERATOR L16	BSCL16	13	60.7	8
WATTLETOP BIG SKY M34	NWPM34	10	56.3	35
WATTLETOP BLACK PEARL M51	NWPM51	6	62.9	1

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 8 - Scan Rib Fat (mm)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
AJC L172	NXOL172	33	5.1	23
ALLOURA LOCK STOCK & BARREL L94	DGJL94	10	5.4	16
BEN NEVIS JUDO J158	NBNJ158	6	6.3	1
BOOROOMOOKA LEROY L173	NGML173	25	4.8	31
BRIDGEWATER STIMULUS K65	BONK065	24	4.9	28
BROOKLANA INFINITY L39	AMQL39	24	5.2	20
CHILTERN PARK MARBLES M3	GTNM3	24	5.7	8
CLUDEN NEWRY ELEVATOR L61	THCL61	21	5.0	26
FARRER M6	NFSM6	22	5.1	23
GLENAVON DOCKLANDS M049	NFWM049	12	4.6	34
HARDHAT RES MICHELIN J536 M56	DKKM56	18	5.4	16
HAZELDEAN KATZEN K416	NHZK416	32	6.3	1
HIGH SPA M8	CJMM8	18	4.5	35
KAKAHU BOND 13007	NZE13300013007	17	5.7	8
KOOJAN HILLS GATSBY L43	WKHL43	24	5.5	13
LAWSONS LEO L488	VLYL488	19	5.8	6
LAWSONS LINKEDIN L483	VLYL483	17	5.5	13
MURDEDUKE KICKING K428	CSWK428	29	5.5	13
MURRAY GENESIS M208	NURM208	18	5.7	8
MURRAY PROCEED M204	NURM204	26	5.2	20
NAMPARA LIBERTY L21	SFNL21	23	4.8	31
PA FULL POWER 1208	USA16981588	19	5.1	23
PATHFINDER MAXIMUS M558	SMPM558	11	5.0	26
PRIME LEGEND L77	CXBL77	22	5.4	16
RENNYLEA L683	NORL683	19	5.6	11
RENNYLEA M27	NORM27	17	4.9	28
TE MANIA KALIBROOK K52	VTMK52	19	6.0	4
TE MANIA KIRBY K138	VTMK138	28	5.9	5
TE MANIA LACKEY L27	VTML27	22	5.2	20
TE MANIA LANCASTER L64	VTML64	26	5.8	6
TOPBOS LEADING EDGE L292	DBLL292	22	5.4	16
TWYNAM L096	NXTL096	14	5.6	11
WAITARA 292 LIBERATOR L16	BSCL16	13	4.7	33
WATTLETOP BIG SKY M34	NWPM34	10	4.9	28
WATTLETOP BLACK PEARL M51	NWPM51	6	6.2	3

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 8 - Scan Rump Fat (mm)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
AJC L172	NXOL172	33	6.9	25
ALLOURA LOCK STOCK & BARREL L94	DGJL94	10	6.6	32
BEN NEVIS JUDO J158	NBNJ158	6	7.8	5
BOOROOMOOKA LEROY L173	NGML173	25	7.1	21
BRIDGEWATER STIMULUS K65	BONK065	24	7.3	15
BROOKLANA INFINITY L39	AMQL39	24	7.5	12
CHILTERN PARK MARBLES M3	GTNM3	24	7.3	15
CLUDEN NEWRY ELEVATOR L61	THCL61	21	6.9	25
FARRER M6	NFSM6	22	7.3	15
GLENAVON DOCKLANDS M049	NFWM049	12	6.8	29
HARDHAT RES MICHELIN J536 M56	DKKM56	18	6.9	25
HAZELDEAN KATZEN K416	NHZK416	32	7.6	10
HIGH SPA M8	CJMM8	18	6.2	35
KAKAHU BOND 13007	NZE13300013007	17	7.3	15
KOOJAN HILLS GATSBY L43	WKHL43	24	7.7	8
LAWSONS LEO L488	VLYL488	18	7.7	8
LAWSONS LINKEDIN L483	VLYL483	18	7.4	13
MURDEDUKE KICKING K428	CSWK428	29	6.9	25
MURRAY GENESIS M208	NURM208	17	7.8	5
MURRAY PROCEED M204	NURM204	26	6.7	31
NAMPARA LIBERTY L21	SFNL21	22	6.6	32
PA FULL POWER 1208	USA16981588	19	8.1	4
PATHFINDER MAXIMUS M558	SMPM558	11	7.4	13
PRIME LEGEND L77	CXBL77	22	7.1	21
RENNYLEA L683	NORL683	19	7.6	10
RENNYLEA M27	NORM27	17	6.8	29
TE MANIA KALIBROOK K52	VTMK52	19	8.4	2
TE MANIA KIRBY K138	VTMK138	28	8.2	3
TE MANIA LACKEY L27	VTML27	22	7.1	21
TE MANIA LANCASTER L64	VTML64	28	7.3	15
TOPBOS LEADING EDGE L292	DBLL292	21	7.3	15
TWYNAM L096	NXTL096	14	7.8	5
WAITARA 292 LIBERATOR L16	BSCL16	13	7.1	21
WATTLETOP BIG SKY M34	NWPM34	10	6.5	34
WATTLETOP BLACK PEARL M51	NWPM51	5	9.1	1

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 8 - Scan IMF (%)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
AJC L172	NXOL172	33	5.7	20
ALLOURA LOCK STOCK & BARREL L94	DGJL94	10	5.1	34
BEN NEVIS JUDO J158	NBNJ158	6	5.9	11
BOOROOMOOKA LEROY L173	NGML173	25	5.7	20
BRIDGEWATER STIMULUS K65	BONK065	24	5.0	35
BROOKLANA INFINITY L39	AMQL39	25	5.6	25
CHILTERN PARK MARBLES M3	GTNM3	24	6.0	9
CLUDEN NEWRY ELEVATOR L61	THCL61	21	5.8	14
FARRER M6	NFSM6	22	5.8	14
GLENAVON DOCKLANDS M049	NFWM049	12	5.4	30
HARDHAT RES MICHELIN J536 M56	DKKM56	18	5.6	25
HAZELDEAN KATZEN K416	NHZK416	33	5.9	11
HIGH SPA M8	CJMM8	18	5.3	32
KAKAHU BOND 13007	NZE13300013007	17	5.7	20
KOOJAN HILLS GATSBY L43	WKHL43	24	5.6	25
LAWSONS LEO L488	VLYL488	19	6.0	9
LAWSONS LINKEDIN L483	VLYL483	18	6.2	5
MURDEDUKE KICKING K428	CSWK428	29	6.1	6
MURRAY GENESIS M208	NURM208	18	5.9	11
MURRAY PROCEED M204	NURM204	26	6.4	3
NAMPARA LIBERTY L21	SFNL21	23	5.5	29
PA FULL POWER 1208	USA16981588	19	6.1	6
PATHFINDER MAXIMUS M558	SMPM558	11	5.8	14
PRIME LEGEND L77	CXBL77	22	5.8	14
RENNYLEA L683	NORL683	19	5.7	20
RENNYLEA M27	NORM27	17	5.4	30
TE MANIA KALIBROOK K52	VTMK52	19	6.4	3
TE MANIA KIRBY K138	VTMK138	28	6.5	1
TE MANIA LACKEY L27	VTML27	22	5.7	20
TE MANIA LANCASTER L64	VTML64	28	6.1	6
TOPBOS LEADING EDGE L292	DBLL292	22	5.6	25
TWYNAM L096	NXTL096	14	5.8	14
WAITARA 292 LIBERATOR L16	BSCL16	13	5.8	14
WATTLETOP BIG SKY M34	NWPM34	10	5.3	32
WATTLETOP BLACK PEARL M51	NWPM51	6	6.5	1

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 8 - Carcase Weight (kg)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
AJC L172	NXOL172	20	397.8	20
ALLOURA LOCK STOCK & BARREL L94	DGJL94	9	387.8	30
BEN NEVIS JUDO J158	NBNJ158	3	406.7	11
BOOROOMOOKA LEROY L173	NGML173	13	380.4	34
BRIDGEWATER STIMULUS K65	BONK065	12	386.8	32
BROOKLANA INFINITY L39	AMQL39	17	368.9	35
CHILTERN PARK MARBLES M3	GTNM3	14	391.0	27
CLUDEN NEWRY ELEVATOR L61	THCL61	13	412.6	6
FARRER M6	NFSM6	13	409.1	9
GLENAVON DOCKLANDS M049	NFWM049	9	388.7	29
HARDHAT RES MICHELIN J536 M56	DKKM56	12	392.8	26
HAZELDEAN KATZEN K416	NHZK416	21	400.9	18
HIGH SPA M8	CJMM8	11	401.2	16
KAKAHU BOND 13007	NZE13300013007	14	397.0	24
KOOJAN HILLS GATSBY L43	WKHL43	7	397.2	23
LAWSONS LEO L488	VLYL488	14	413.0	5
LAWSONS LINKEDIN L483	VLYL483	11	423.3	3
MURDEDUKE KICKING K428	CSWK428	17	389.7	28
MURRAY GENESIS M208	NURM208	10	411.7	7
MURRAY PROCEED M204	NURM204	15	401.1	17
NAMPARA LIBERTY L21	SFNL21	19	406.7	11
PA FULL POWER 1208	USA16981588	13	394.2	25
PATHFINDER MAXIMUS M558	SMPM558	10	402.8	14
PRIME LEGEND L77	CXBL77	11	386.0	33
RENNYLEA L683	NORL683	12	415.2	4
RENNYLEA M27	NORM27	11	405.3	13
TE MANIA KALIBROOK K52	VTMK52	8	387.4	31
TE MANIA KIRBY K138	VTMK138	16	400.8	19
TE MANIA LACKEY L27	VTML27	14	408.9	10
TE MANIA LANCASTER L64	VTML64	21	401.8	15
TOPBOS LEADING EDGE L292	DBLL292	12	397.3	22
TWYNAM L096	NXTL096	9	427.7	1
WAITARA 292 LIBERATOR L16	BSCL16	7	397.4	21
WATTLETOP BIG SKY M34	NWPM34	5	411.1	8
WATTLETOP BLACK PEARL M51	NWPM51	5	425.0	2

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 8 - Carcase EMA (sq cm)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
AJC L172	NXOL172	19	88.2	14
ALLOURA LOCK STOCK & BARREL L94	DGJL94	8	80.9	33
BEN NEVIS JUDO J158	NBNJ158	3	77.9	35
BOOROOMOOKA LEROY L173	NGML173	13	82.1	29
BRIDGEWATER STIMULUS K65	BONK065	11	87.3	16
BROOKLANA INFINITY L39	AMQL39	16	81.7	31
CHILTERN PARK MARBLES M3	GTNM3	14	86.2	19
CLUDEN NEWRY ELEVATOR L61	THCL61	13	92.7	6
FARRER M6	NFSM6	12	91.8	8
GLENAVON DOCKLANDS M049	NFWM049	9	87.0	17
HARDHAT RES MICHELIN J536 M56	DKKM56	12	89.8	12
HAZELDEAN KATZEN K416	NHZK416	21	82.0	30
HIGH SPA M8	CJMM8	11	85.4	22
KAKAHU BOND 13007	NZE13300013007	12	85.2	23
KOOJAN HILLS GATSBY L43	WKHL43	7	83.8	28
LAWSONS LEO L488	VLYL488	14	89.3	13
LAWSONS LINKEDIN L483	VLYL483	9	91.6	9
MURDEDUKE KICKING K428	CSWK428	16	87.4	15
MURRAY GENESIS M208	NURM208	10	94.0	3
MURRAY PROCEED M204	NURM204	15	93.5	4
NAMPARA LIBERTY L21	SFNL21	18	86.6	18
PA FULL POWER 1208	USA16981588	13	93.1	5
PATHFINDER MAXIMUS M558	SMPM558	10	90.0	10
PRIME LEGEND L77	CXBL77	11	85.7	21
RENNYLEA L683	NORL683	12	84.2	26
RENNYLEA M27	NORM27	10	95.7	1
TE MANIA KALIBROOK K52	VTMK52	7	79.4	34
TE MANIA KIRBY K138	VTMK138	15	85.9	20
TE MANIA LACKEY L27	VTML27	14	84.1	27
TE MANIA LANCASTER L64	VTML64	20	84.8	25
TOPBOS LEADING EDGE L292	DBLL292	12	90.0	10
TWYNAM L096	NXTL096	7	81.7	31
WAITARA 292 LIBERATOR L16	BSCL16	6	94.5	2
WATTLETOP BIG SKY M34	NWPM34	5	92.0	7
WATTLETOP BLACK PEARL M51	NWPM51	5	85.1	24

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 8 - Carcase Rump Fat (mm)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
AJC L172	NXOL172	20	20.3	18
ALLOURA LOCK STOCK & BARREL L94	DGJL94	9	19.7	23
BEN NEVIS JUDO J158	NBNJ158	3	14.1	35
BOOROOMOOKA LEROY L173	NGML173	13	18.1	29
BRIDGEWATER STIMULUS K65	BONK065	12	21.0	12
BROOKLANA INFINITY L39	AMQL39	17	22.7	4
CHILTERN PARK MARBLES M3	GTNM3	14	17.9	30
CLUDEN NEWRY ELEVATOR L61	THCL61	13	20.0	20
FARRER M6	NFSM6	13	22.5	6
GLENAVON DOCKLANDS M049	NFWM049	9	18.9	26
HARDHAT RES MICHELIN J536 M56	DKKM56	12	20.9	13
HAZELDEAN KATZEN K416	NHZK416	21	21.8	8
HIGH SPA M8	CJMM8	11	19.0	25
KAKAHU BOND 13007	NZE13300013007	14	19.2	24
KOOJAN HILLS GATSBY L43	WKHL43	7	21.6	9
LAWSONS LEO L488	VLYL488	14	20.7	15
LAWSONS LINKEDIN L483	VLYL483	11	24.2	2
MURDEDUKE KICKING K428	CSWK428	17	18.4	28
MURRAY GENESIS M208	NURM208	10	20.2	19
MURRAY PROCEED M204	NURM204	15	19.8	22
NAMPARA LIBERTY L21	SFNL21	19	20.4	16
PA FULL POWER 1208	USA16981588	13	23.5	3
PATHFINDER MAXIMUS M558	SMPM558	10	21.5	10
PRIME LEGEND L77	CXBL77	11	18.8	27
RENNYLEA L683	NORL683	12	21.2	11
RENNYLEA M27	NORM27	11	17.3	34
TE MANIA KALIBROOK K52	VTMK52	8	25.4	1
TE MANIA KIRBY K138	VTMK138	16	22.7	4
TE MANIA LACKEY L27	VTML27	14	17.9	30
TE MANIA LANCASTER L64	VTML64	21	19.9	21
TOPBOS LEADING EDGE L292	DBLL292	12	17.6	33
TWYNAM L096	NXTL096	9	22.1	7
WAITARA 292 LIBERATOR L16	BSCL16	7	20.9	13
WATTLETOP BIG SKY M34	NWPM34	5	17.8	32
WATTLETOP BLACK PEARL M51	NWPM51	5	20.4	16

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 8 - Carcase IMF (%)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
AJC L172	NXOL172	20	10.6	19
ALLOURA LOCK STOCK & BARREL L94	DGJL94	9	10.8	17
BEN NEVIS JUDO J158	NBNJ158	3	11.4	10
BOOROOMOOKA LEROY L173	NGML173	13	9.9	24
BRIDGEWATER STIMULUS K65	BONK065	11	8.7	30
BROOKLANA INFINITY L39	AMQL39	17	9.5	27
CHILTERN PARK MARBLES M3	GTNM3	14	11.4	10
CLUDEN NEWRY ELEVATOR L61	THCL61	13	7.9	31
FARRER M6	NFSM6	13	11.1	12
GLENAVON DOCKLANDS M049	NFWM049	9	10.9	14
HARDHAT RES MICHELIN J536 M56	DKKM56	12	7.9	31
HAZELDEAN KATZEN K416	NHZK416	21	10.5	21
HIGH SPA M8	CJMM8	11	9.2	29
KAKAHU BOND 13007	NZE13300013007	14	11.6	9
KOOJAN HILLS GATSBY L43	WKHL43	7	13.5	3
LAWSONS LEO L488	VLYL488	14	11.8	7
LAWSONS LINKEDIN L483	VLYL483	11	9.4	28
MURDEDUKE KICKING K428	CSWK428	17	10.0	23
MURRAY GENESIS M208	NURM208	10	10.9	14
MURRAY PROCEED M204	NURM204	15	14.2	2
NAMPARA LIBERTY L21	SFNL21	19	7.7	33
PA FULL POWER 1208	USA16981588	13	12.4	5
PATHFINDER MAXIMUS M558	SMPM558	10	11.0	13
PRIME LEGEND L77	CXBL77	11	10.8	17
RENNYLEA L683	NORL683	12	10.3	22
RENNYLEA M27	NORM27	11	10.6	19
TE MANIA KALIBROOK K52	VTMK52	8	13.1	4
TE MANIA KIRBY K138	VTMK138	16	14.6	1
TE MANIA LACKEY L27	VTML27	14	9.6	26
TE MANIA LANCASTER L64	VTML64	21	12.2	6
TOPBOS LEADING EDGE L292	DBLL292	12	9.7	25
TWYNAM L096	NXTL096	9	11.7	8
WAITARA 292 LIBERATOR L16	BSCL16	7	10.9	14
WATTLETOP BIG SKY M34	NWPM34	5	7.3	34
WATTLETOP BLACK PEARL M51	NWPM51	5	6.8	35

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 8 - Net Feed Intake (kg/day)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
AJC L172	NXOL172	19	-2.8	2
ALLOURA LOCK STOCK & BARREL L94	DGJL94	7	-1.9	22
BEN NEVIS JUDO J158	NBNJ158	3	-0.6	35
BOOROOMOOKA LEROY L173	NGML173	13	-1.9	22
BRIDGEWATER STIMULUS K65	BONK065	11	-2.5	5
BROOKLANA INFINITY L39	AMQL39	16	-2.3	12
CHILTERN PARK MARBLES M3	GTNM3	13	-2.6	4
CLUDEN NEWRY ELEVATOR L61	THCL61	13	-1.7	28
FARRER M6	NFSM6	13	-1.9	22
GLENAVON DOCKLANDS M049	NFWM049	9	-2.9	1
HARDHAT RES MICHELIN J536 M56	DKKM56	11	-2.8	2
HAZELDEAN KATZEN K416	NHZK416	21	-2.0	20
HIGH SPA M8	CJMM8	11	-1.7	28
KAKAHU BOND 13007	NZE13300013007	13	-2.3	12
KOOJAN HILLS GATSBY L43	WKHL43	8	-1.8	25
LAWSONS LEO L488	VLYL488	15	-2.1	18
LAWSONS LINKEDIN L483	VLYL483	9	-2.4	9
MURDEDUKE KICKING K428	CSWK428	16	-2.0	20
MURRAY GENESIS M208	NURM208	10	-1.2	33
MURRAY PROCEED M204	NURM204	15	-2.2	17
NAMPARA LIBERTY L21	SFNL21	18	-2.4	9
PA FULL POWER 1208	USA16981588	13	-1.8	25
PATHFINDER MAXIMUS M558	SMPM558	9	-2.3	12
PRIME LEGEND L77	CXBL77	12	-2.3	12
RENNYLEA L683	NORL683	14	-1.3	32
RENNYLEA M27	NORM27	10	-2.3	12
TE MANIA KALIBROOK K52	VTMK52	6	-0.8	34
TE MANIA KIRBY K138	VTMK138	15	-1.4	31
TE MANIA LACKEY L27	VTML27	14	-2.5	5
TE MANIA LANCASTER L64	VTML64	20	-2.5	5
TOPBOS LEADING EDGE L292	DBLL292	14	-2.1	18
TWYNAM L096	NXTL096	8	-2.5	5
WAITARA 292 LIBERATOR L16	BSCL16	6	-1.8	25
WATTLETOP BIG SKY M34	NWPM34	5	-1.5	30
WATTLETOP BLACK PEARL M51	NWPM51	4	-2.4	9

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 8 - MSA Marble Score (Score)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
AJC L172	NXOL172	20	509.0	15
ALLOURA LOCK STOCK & BARREL L94	DGJL94	9	513.4	13
BEN NEVIS JUDO J158	NBNJ158	3	467.8	27
BOOROOMOOKA LEROY L173	NGML173	13	476.9	24
BRIDGEWATER STIMULUS K65	BONK065	12	420.9	32
BROOKLANA INFINITY L39	AMQL39	17	436.0	31
CHILTERN PARK MARBLES M3	GTNM3	14	494.7	20
CLUDEN NEWRY ELEVATOR L61	THCL61	13	436.9	30
FARRER M6	NFSM6	13	532.3	6
GLENAVON DOCKLANDS M049	NFWM049	9	506.4	18
HARDHAT RES MICHELIN J536 M56	DKKM56	12	457.2	28
HAZELDEAN KATZEN K416	NHZK416	21	482.4	22
HIGH SPA M8	CJMM8	11	471.4	26
KAKAHU BOND 13007	NZE13300013007	14	529.2	7
KOOJAN HILLS GATSBY L43	WKHL43	7	595.2	2
LAWSONS LEO L488	VLYL488	14	512.1	14
LAWSONS LINKEDIN L483	VLYL483	11	506.8	17
MURDEDUKE KICKING K428	CSWK428	17	480.7	23
MURRAY GENESIS M208	NURM208	10	475.9	25
MURRAY PROCEED M204	NURM204	15	634.7	1
NAMPARA LIBERTY L21	SFNL21	19	414.5	33
PA FULL POWER 1208	USA16981588	13	525.5	8
PATHFINDER MAXIMUS M558	SMPM558	10	507.9	16
PRIME LEGEND L77	CXBL77	11	516.3	10
RENNYLEA L683	NORL683	12	490.1	21
RENNYLEA M27	NORM27	11	517.5	9
TE MANIA KALIBROOK K52	VTMK52	8	514.6	12
TE MANIA KIRBY K138	VTMK138	16	573.9	4
TE MANIA LACKEY L27	VTML27	14	457.2	28
TE MANIA LANCASTER L64	VTML64	21	576.9	3
TOPBOS LEADING EDGE L292	DBLL292	12	515.8	11
TWYNAM L096	NXTL096	9	544.9	5
WAITARA 292 LIBERATOR L16	BSCL16	7	502.9	19
WATTLETOP BIG SKY M34	NWPM34	5	405.0	34
WATTLETOP BLACK PEARL M51	NWPM51	5	393.0	35

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 8 - MSA Ossification (Score)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
AJC L172	NXOL172	20	145.4	22
ALLOURA LOCK STOCK & BARREL L94	DGJL94	9	139.1	5
BEN NEVIS JUDO J158	NBNJ158	3	152.5	34
BOOROOMOOKA LEROY L173	NGML173	13	140.7	7
BRIDGEWATER STIMULUS K65	BONK065	12	143.7	16
BROOKLANA INFINITY L39	AMQL39	17	137.2	3
CHILTERN PARK MARBLES M3	GTNM3	14	150.3	32
CLUDEN NEWRY ELEVATOR L61	THCL61	13	147.3	27
FARRER M6	NFSM6	13	147.0	25
GLENAVON DOCKLANDS M049	NFWM049	9	134.8	2
HARDHAT RES MICHELIN J536 M56	DKKM56	12	145.1	21
HAZELDEAN KATZEN K416	NHZK416	21	144.3	18
HIGH SPA M8	CJMM8	11	139.4	6
KAKAHU BOND 13007	NZE13300013007	14	145.5	23
KOOJAN HILLS GATSBY L43	WKHL43	7	131.5	1
LAWSONS LEO L488	VLYL488	14	141.5	8
LAWSONS LINKEDIN L483	VLYL483	11	146.8	24
MURDEDUKE KICKING K428	CSWK428	17	149.7	30
MURRAY GENESIS M208	NURM208	10	149.7	30
MURRAY PROCEED M204	NURM204	15	142.7	12
NAMPARA LIBERTY L21	SFNL21	19	143.3	14
PA FULL POWER 1208	USA16981588	13	143.9	17
PATHFINDER MAXIMUS M558	SMPM558	10	142.1	11
PRIME LEGEND L77	CXBL77	11	143.6	15
RENNYLEA L683	NORL683	12	144.6	20
RENNYLEA M27	NORM27	11	154.2	35
TE MANIA KALIBROOK K52	VTMK52	8	148.4	29
TE MANIA KIRBY K138	VTMK138	16	142.7	12
TE MANIA LACKEY L27	VTML27	14	147.2	26
TE MANIA LANCASTER L64	VTML64	21	141.8	9
TOPBOS LEADING EDGE L292	DBLL292	12	144.5	19
TWYNAM L096	NXTL096	9	147.3	27
WAITARA 292 LIBERATOR L16	BSCL16	7	150.7	33
WATTLETOP BIG SKY M34	NWPM34	5	139.0	4
WATTLETOP BLACK PEARL M51	NWPM51	5	141.9	10

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 8 - MSA Index (Index)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
AJC L172	NXOL172	20	64.6	13
ALLOURA LOCK STOCK & BARREL L94	DGJL94	9	65.1	7
BEN NEVIS JUDO J158	NBNJ158	3	63.5	32
BOOROOMOOKA LEROY L173	NGML173	13	64.1	23
BRIDGEWATER STIMULUS K65	BONK065	12	63.4	33
BROOKLANA INFINITY L39	AMQL39	17	63.9	28
CHILTERN PARK MARBLES M3	GTNM3	14	64.2	22
CLUDEN NEWRY ELEVATOR L61	THCL61	13	63.7	31
FARRER M6	NFSM6	13	64.5	16
GLENAVON DOCKLANDS M049	NFWM049	9	65.3	4
HARDHAT RES MICHELIN J536 M56	DKKM56	12	64.0	24
HAZELDEAN KATZEN K416	NHZK416	21	64.6	13
HIGH SPA M8	CJMM8	11	64.3	20
KAKAHU BOND 13007	NZE13300013007	14	64.9	8
KOOJAN HILLS GATSBY L43	WKHL43	7	67.0	1
LAWSONS LEO L488	VLYL488	14	64.9	8
LAWSONS LINKEDIN L483	VLYL483	11	64.8	10
MURDEDUKE KICKING K428	CSWK428	17	63.9	28
MURRAY GENESIS M208	NURM208	10	64.0	24
MURRAY PROCEED M204	NURM204	15	65.7	2
NAMPARA LIBERTY L21	SFNL21	19	63.4	33
PA FULL POWER 1208	USA16981588	12	64.4	18
PATHFINDER MAXIMUS M558	SMPM558	10	64.4	18
PRIME LEGEND L77	CXBL77	11	64.3	20
RENNYLEA L683	NORL683	12	64.7	12
RENNYLEA M27	NORM27	11	63.9	28
TE MANIA KALIBROOK K52	VTMK52	8	64.6	13
TE MANIA KIRBY K138	VTMK138	16	65.3	4
TE MANIA LACKEY L27	VTML27	14	64.0	24
TE MANIA LANCASTER L64	VTML64	21	65.6	3
TOPBOS LEADING EDGE L292	DBLL292	12	64.5	16
TWYNAM L096	NXTL096	9	65.2	6
WAITARA 292 LIBERATOR L16	BSCL16	7	64.8	10
WATTLETOP BIG SKY M34	NWPM34	5	64.0	24
WATTLETOP BLACK PEARL M51	NWPM51	5	63.2	35

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: 8 - Docility (Score)

Sire Name	Sire ID	Number of Progeny	Progeny % Score 1-1.5	Rank
AJC L172	NXOL172	36	69.4	12
ALLOURA LOCK STOCK & BARREL L94	DGJL94	14	71.4	10
BEN NEVIS JUDO J158	NBNJ158	12	58.3	27
BOOROOMOOKA LEROY L173	NGML173	29	69.0	13
BRIDGEWATER STIMULUS K65	BONK065	36	88.9	2
BROOKLANA INFINITY L39	AMQL39	33	66.7	17
CHILTERN PARK MARBLES M3	GTNM3	30	73.3	9
CLUDEN NEWRY ELEVATOR L61	THCL61	25	64.0	22
FARRER M6	NFSM6	27	59.3	26
GLENAVON DOCKLANDS M049	NFWM049	17	35.3	35
HARDHAT RES MICHELIN J536 M56	DKKM56	22	68.2	15
HAZELDEAN KATZEN K416	NHZK416	42	66.7	17
HIGH SPA M8	CJMM8	20	80.0	6
KAKAHU BOND 13007	NZE13300013007	21	71.4	10
KOOJAN HILLS GATSBY L43	WKHL43	29	65.5	20
LAWSONS LEO L488	VLYL488	27	37.0	34
LAWSONS LINKEDIN L483	VLYL483	24	58.3	27
MURDEDUKE KICKING K428	CSWK428	37	67.6	16
MURRAY GENESIS M208	NURM208	24	58.3	27
MURRAY PROCEED M204	NURM204	32	56.3	31
NAMPARA LIBERTY L21	SFNL21	32	65.6	19
PA FULL POWER 1208	USA16981588	24	58.3	27
PATHFINDER MAXIMUS M558	SMPM558	12	83.3	4
PRIME LEGEND L77	CXBL77	30	76.7	8
RENNYLEA L683	NORL683	27	63.0	24
RENNYLEA M27	NORM27	24	83.3	4
TE MANIA KALIBROOK K52	VTMK52	22	63.6	23
TE MANIA KIRBY K138	VTMK138	32	56.3	31
TE MANIA LACKEY L27	VTML27	25	84.0	3
TE MANIA LANCASTER L64	VTML64	35	60.0	25
TOPBOS LEADING EDGE L292	DBLL292	29	65.5	20
TWYNAM L096	NXTL096	19	68.4	14
WAITARA 292 LIBERATOR L16	BSCL16	21	52.4	33
WATTLETOP BIG SKY M34	NWPM34	11	100.0	1
WATTLETOP BLACK PEARL M51	NWPM51	9	77.8	7

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
CLUDEN NEWRY ELEVATOR L61	THCL61	20	50.0	19
FARRER M6	NFSM6	21	61.9	10
GLENAVON DOCKLANDS M049	NFWM049	11	18.2	35
HARDHAT RES MICHELIN J536 M56	DKKM56	18	72.2	5
HAZELDEAN KATZEN K416	NHZK416	33	54.5	15
HIGH SPA M8	CJMM8	18	55.6	14
KAKAHU BOND 13007	NZE13300013007	17	23.5	34
KOOJAN HILLS GATSBY L43	WKHL43	24	50.0	19
LAWSONS LEO L488	VLYL488	19	68.4	9
LAWSONS LINKEDIN L483	VLYL483	18	50.0	19
MURDEDUKE KICKING K428	CSWK428	29	41.4	27
MURRAY GENESIS M208	NURM208	18	61.1	11
MURRAY PROCEED M204	NURM204	26	38.5	29
NAMPARA LIBERTY L21	SFNL21	24	50.0	19
PA FULL POWER 1208	USA16981588	19	52.6	17
PATHFINDER MAXIMUS M558	SMPM558	11	54.5	15
PRIME LEGEND L77	CXBL77	22	50.0	19
RENNYLEA L683	NORL683	18	77.8	3
RENNYLEA M27	NORM27	17	76.5	4
TE MANIA KALIBROOK K52	VTMK52	19	42.1	26
TE MANIA KIRBY K138	VTMK138	28	35.7	31
TE MANIA LACKEY L27	VTML27	21	71.4	6
TE MANIA LANCASTER L64	VTML64	27	70.4	7
TOPBOS LEADING EDGE L292	DBLL292	22	31.8	33
TWYNAM L096	NXTL096	12	58.3	13
WAITARA 292 LIBERATOR L16	BSCL16	14	35.7	31
WATTLETOP BIG SKY M34	NWPM34	9	88.9	1
WATTLETOP BLACK PEARL M51	NWPM51	6	50.0	19

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 8 - Foot Angle (Score)

Sire Name	Sire ID	Number of Progeny	Progeny % Score 5-6	Rank
AJC L172	NXOL172	33	60.6	34
ALLOURA LOCK STOCK & BARREL L94	DGJL94	10	80.0	24
BEN NEVIS JUDO J158	NBNJ158	5	60.0	35
BOOROOMOOKA LEROY L173	NGML173	25	84.0	16
BRIDGEWATER STIMULUS K65	BONK065	24	83.3	17
BROOKLANA INFINITY L39	AMQL39	25	72.0	31
CHILTERN PARK MARBLES M3	GTNM3	23	78.3	28
CLUDEN NEWRY ELEVATOR L61	THCL61	20	75.0	30
FARRER M6	NFSM6	21	85.7	13
GLENAVON DOCKLANDS M049	NFWM049	11	81.8	21
HARDHAT RES MICHELIN J536 M56	DKKM56	18	94.4	3
HAZELDEAN KATZEN K416	NHZK416	33	97.0	2
HIGH SPA M8	CJMM8	18	88.9	9
KAKAHU BOND 13007	NZE13300013007	17	70.6	32
KOOJAN HILLS GATSBY L43	WKHL43	24	79.2	26
LAWSONS LEO L488	VLYL488	19	78.9	27
LAWSONS LINKEDIN L483	VLYL483	18	94.4	3
MURDEDUKE KICKING K428	CSWK428	29	79.3	25
MURRAY GENESIS M208	NURM208	18	83.3	17
MURRAY PROCEED M204	NURM204	26	92.3	6
NAMPARA LIBERTY L21	SFNL21	24	87.5	11
PA FULL POWER 1208	USA16981588	19	84.2	14
PATHFINDER MAXIMUS M558	SMPM558	11	90.9	7
PRIME LEGEND L77	CXBL77	22	90.9	7
RENNYLEA L683	NORL683	18	83.3	17
RENNYLEA M27	NORM27	17	88.2	10
TE MANIA KALIBROOK K52	VTMK52	19	84.2	14
TE MANIA KIRBY K138	VTMK138	28	92.9	5
TE MANIA LACKEY L27	VTML27	21	81.0	23
TE MANIA LANCASTER L64	VTML64	27	81.5	22
TOPBOS LEADING EDGE L292	DBLL292	22	86.4	12
TWYNAM L096	NXTL096	12	83.3	17
WAITARA 292 LIBERATOR L16	BSCL16	14	64.3	33
WATTLETOP BIG SKY M34	NWPM34	9	77.8	29
WATTLETOP BLACK PEARL M51	NWPM51	6	100.0	1

Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 8 - Coat Type (Score)

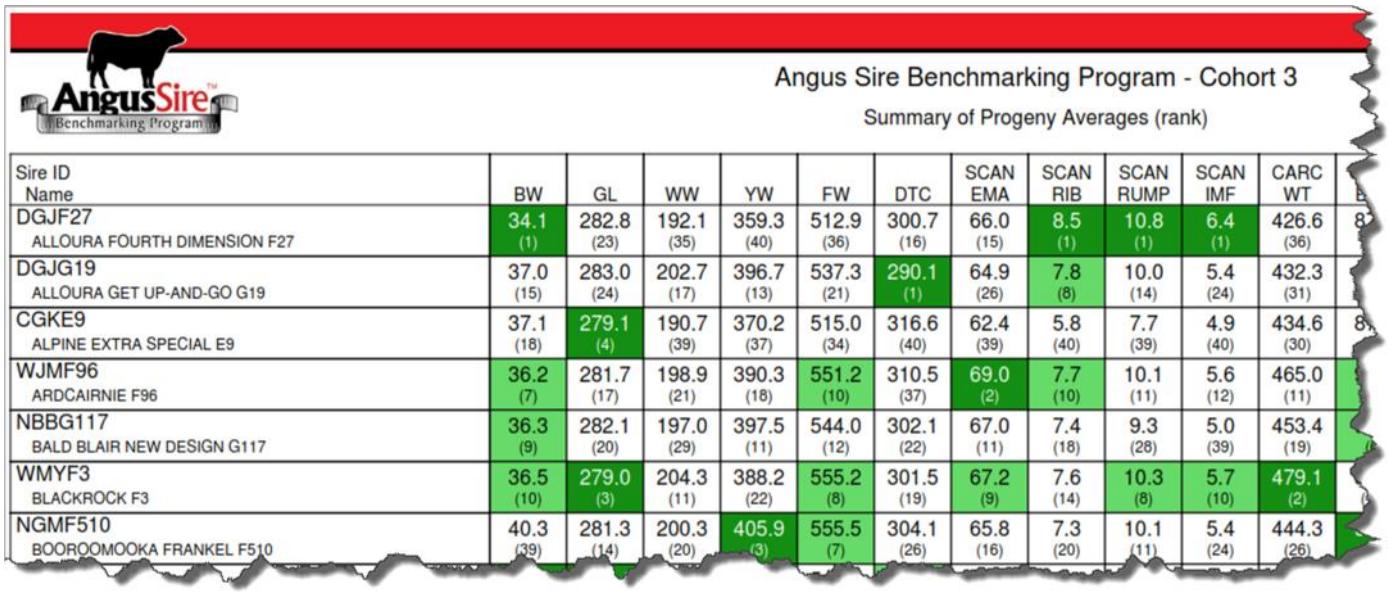
Sire Name	Sire ID	Number of Progeny	Progeny % Score 1-2	Rank
AJC L172	NXOL172	30	36.7	31
ALLOURA LOCK STOCK & BARREL L94	DGJL94	8	87.5	5
BEN NEVIS JUDO J158	NBNJ158	4	25.0	34
BOOROOMOOKA LEROY L173	NGML173	22	72.7	9
BRIDGEWATER STIMULUS K65	BONK065	17	35.3	32
BROOKLANA INFINITY L39	AMQL39	25	60.0	19
CHILTERN PARK MARBLES M3	GTNM3	20	60.0	19
CLUDEN NEWRY ELEVATOR L61	THCL61	16	93.8	2
FARRER M6	NFSM6	18	61.1	18
GLENAVON DOCKLANDS M049	NFWM049	9	66.7	15
HARDHAT RES MICHELIN J536 M56	DKKM56	14	50.0	27
HAZELDEAN KATZEN K416	NHZK416	26	69.2	13
HIGH SPA M8	CJMM8	17	64.7	16
KAKAHU BOND 13007	NZE13300013007	16	68.8	14
KOOJAN HILLS GATSBY L43	WKHL43	21	61.9	17
LAWSONS LEO L488	VLYL488	18	72.2	11
LAWSONS LINKEDIN L483	VLYL483	15	73.3	8
MURDEDUKE KICKING K428	CSWK428	25	52.0	26
MURRAY GENESIS M208	NURM208	13	46.2	28
MURRAY PROCEED M204	NURM204	22	72.7	9
NAMPARA LIBERTY L21	SFNL21	24	29.2	33
PA FULL POWER 1208	USA16981588	18	55.6	22
PATHFINDER MAXIMUS M558	SMPM558	10	60.0	19
PRIME LEGEND L77	CXBL77	19	52.6	25
RENNYLEA L683	NORL683	16	93.8	2
RENNYLEA M27	NORM27	11	45.5	29
TE MANIA KALIBROOK K52	VTMK52	15	53.3	24
TE MANIA KIRBY K138	VTMK138	23	69.6	12
TE MANIA LACKEY L27	VTML27	18	77.8	6
TE MANIA LANCASTER L64	VTML64	24	54.2	23
TOPBOS LEADING EDGE L292	DBLL292	19	89.5	4
TWYNAM L096	NXTL096	9	77.8	6
WAITARA 292 LIBERATOR L16	BSCL16	12	25.0	34
WATTLETOP BIG SKY M34	NWPM34	7	42.9	30
WATTLETOP BLACK PEARL M51	NWPM51	5	100.0	1

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 8

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
NXOL172 AJC L172	34.1 (10)	277.7 (8)	190.6 (14)	344.3 (14)	589.6 (11)	304.3 (19)	58.8 (23)	5.1 (23)	6.9 (25)	5.7 (20)	397.8 (20)	88.2 (14)	10.6 (19)	-2.8 (2)	509.0 (15)	145.4 (22)	64.6 (13)	69.4 (12)	36.4 (30)	60.6 (34)	36.7 (31)
DGJL94 ALLOURA LOCK STOCK & BARREL L94	34.6 (17)	280.4 (29)	185.9 (23)	318.5 (35)	564.4 (34)		57.0 (33)	5.4 (16)	6.6 (32)	5.1 (34)	387.8 (30)	80.9 (33)	10.8 (17)	-1.9 (22)	513.4 (13)	139.1 (5)	65.1 (7)	71.4 (10)	40.0 (28)	80.0 (24)	87.5 (5)
NBNJ158 BEN NEVIS JUDO J158	34.5 (16)	283.2 (36)	182.5 (26)	339.6 (21)	586.5 (15)		57.2 (32)	6.3 (1)	7.8 (5)	5.9 (11)	406.7 (11)	77.9 (35)	11.4 (10)	-0.6 (35)	467.8 (27)	152.5 (34)	63.5 (32)	58.3 (27)	60.0 (12)	60.0 (35)	25.0 (34)
NGML173 BOOROOMOOKA LEROY L173	35.8 (26)	279.7 (26)	197.0 (4)	342.0 (19)	567.2 (33)	312.0 (26)	59.5 (15)	4.8 (31)	7.1 (21)	5.7 (20)	380.4 (34)	82.1 (29)	9.9 (24)	-1.9 (22)	476.9 (24)	140.7 (7)	64.1 (23)	69.0 (13)	44.0 (25)	84.0 (16)	72.7 (9)
BONK065 BRIDGEWATER STIMULUS K65	36.6 (32)	275.8 (2)	195.2 (7)	343.1 (17)	576.1 (28)	312.2 (28)	58.5 (26)	4.9 (28)	7.3 (15)	5.0 (35)	386.8 (32)	87.3 (16)	8.7 (30)	-2.5 (5)	420.9 (32)	143.7 (16)	63.4 (33)	88.9 (2)	79.2 (2)	83.3 (17)	35.3 (32)
AMQL39 BROOKLANA INFINITY L39	35.8 (26)	280.7 (30)	179.9 (30)	321.6 (34)	555.6 (35)	295.6 (5)	56.4 (34)	5.2 (20)	7.5 (12)	5.6 (25)	368.9 (35)	81.7 (31)	9.5 (27)	-2.3 (12)	436.0 (31)	137.2 (3)	63.9 (28)	66.7 (17)	52.0 (18)	72.0 (31)	60.0 (19)
GTNM3 CHILTERN PARK MARBLES M3	33.7 (8)	278.7 (13)	177.0 (34)	328.0 (33)	572.7 (29)	306.2 (22)	58.3 (29)	5.7 (8)	7.3 (15)	6.0 (9)	391.0 (27)	86.2 (19)	11.4 (10)	-2.6 (4)	494.7 (20)	150.3 (32)	64.2 (22)	73.3 (9)	69.6 (8)	78.3 (28)	60.0 (19)
THCL61 CLUDEN NEWRY ELEVATOR L61	36.1 (30)	279.6 (23)	189.4 (18)	348.0 (7)	592.1 (7)	295.9 (6)	62.5 (5)	5.0 (26)	6.9 (25)	5.8 (14)	412.6 (6)	92.7 (6)	7.9 (31)	-1.7 (28)	436.9 (30)	147.3 (27)	63.7 (31)	64.0 (22)	50.0 (19)	75.0 (30)	93.8 (2)
NFSM6 FARRER M6	33.3 (3)	278.9 (15)	186.5 (21)	334.1 (27)	588.0 (14)	295.4 (4)	58.8 (23)	5.1 (23)	7.3 (15)	5.8 (14)	409.1 (9)	91.8 (8)	11.1 (12)	-1.9 (22)	532.3 (6)	147.0 (25)	64.5 (16)	59.3 (26)	61.9 (10)	85.7 (13)	61.1 (18)
NFWM049 GLENAVON DOCKLANDS M049	35.4 (20)	277.2 (6)	183.7 (25)	344.0 (15)	582.3 (20)		59.2 (19)	4.6 (34)	6.8 (29)	5.4 (30)	388.7 (29)	87.0 (17)	10.9 (14)	-2.9 (1)	506.4 (18)	134.8 (2)	65.3 (4)	35.3 (35)	18.2 (35)	81.8 (21)	66.7 (15)
DKKM56 HARDHAT RES MICHELIN J536 M56	37.7 (34)	282.4 (35)	189.6 (17)	347.6 (8)	578.5 (24)	304.8 (21)	62.2 (6)	5.4 (16)	6.9 (25)	5.6 (25)	392.8 (26)	89.8 (12)	7.9 (31)	-2.8 (2)	457.2 (28)	145.1 (21)	64.0 (24)	68.2 (15)	72.2 (5)	94.4 (3)	50.0 (27)
NHZK416 HAZELDEAN KATZEN K416	33.4 (5)	275.0 (1)	187.6 (20)	339.1 (22)	588.5 (12)	304.7 (20)	58.5 (26)	6.3 (1)	7.6 (10)	5.9 (11)	400.9 (18)	82.0 (30)	10.5 (21)	-2.0 (20)	482.4 (22)	144.3 (18)	64.6 (13)	66.7 (17)	54.5 (15)	97.0 (2)	69.2 (13)
CJMM8 HIGH SPA M8	36.0 (29)	279.2 (19)	179.5 (31)	336.1 (26)	584.2 (18)	307.2 (24)	58.9 (20)	4.5 (35)	6.2 (35)	5.3 (32)	401.2 (16)	85.4 (22)	9.2 (29)	-1.7 (28)	471.4 (26)	139.4 (6)	64.3 (20)	80.0 (6)	55.6 (14)	88.9 (9)	64.7 (16)
NZE13300013007 KAKAHU BOND 13007	33.6 (6)	278.4 (10)	192.2 (10)	333.3 (28)	570.3 (31)	312.1 (27)	57.7 (30)	5.7 (8)	7.3 (15)	5.7 (20)	397.0 (24)	85.2 (23)	11.6 (9)	-2.3 (12)	529.2 (7)	145.5 (23)	64.9 (8)	71.4 (10)	23.5 (34)	70.6 (32)	68.8 (14)
WKHL43 KOOJAN HILLS GATSBY L43	34.3 (13)	279.3 (21)	185.5 (24)	330.5 (30)	576.2 (26)	297.2 (8)	58.9 (20)	5.5 (13)	7.7 (8)	5.6 (25)	397.2 (23)	83.8 (28)	13.5 (3)	-1.8 (25)	595.2 (2)	131.5 (1)	67.0 (1)	65.5 (20)	50.0 (19)	79.2 (26)	61.9 (17)
VLYL488 LAWSONS LEO L488	34.1 (10)	278.8 (14)	191.1 (12)	338.8 (23)	593.5 (6)	299.5 (11)	60.3 (10)	5.8 (6)	7.7 (8)	6.0 (9)	413.0 (5)	89.3 (13)	11.8 (7)	-2.1 (18)	512.1 (14)	141.5 (8)	64.9 (8)	37.0 (34)	68.4 (9)	78.9 (27)	72.2 (11)
VLYL483 LAWSONS LINKEDIN L483	33.3 (3)	280.2 (27)	181.4 (29)	349.0 (6)	612.9 (4)	296.2 (7)	59.8 (14)	5.5 (13)	7.4 (13)	6.2 (5)	423.3 (3)	91.6 (9)	9.4 (28)	-2.4 (9)	506.8 (17)	146.8 (24)	64.8 (10)	58.3 (27)	50.0 (19)	94.4 (3)	73.3 (8)
CSWK428 MURDEDUKE KICKING K428	34.8 (18)	278.6 (12)	181.8 (28)	333.0 (29)	579.0 (23)	298.6 (10)	58.5 (26)	5.5 (13)	6.9 (25)	6.1 (6)	389.7 (28)	87.4 (15)	10.0 (23)	-2.0 (20)	480.7 (23)	149.7 (30)	63.9 (28)	67.6 (16)	41.4 (27)	79.3 (25)	52.0 (26)
NURM208 MURRAY GENESIS M208	35.3 (19)	278.4 (10)	191.0 (13)	344.9 (12)	584.1 (19)	303.1 (16)	61.7 (7)	5.7 (8)	7.8 (5)	5.9 (11)	411.7 (7)	94.0 (3)	10.9 (14)	-1.2 (33)	475.9 (25)	149.7 (30)	64.0 (24)	58.3 (27)	61.1 (11)	83.3 (17)	46.2 (28)
NURM204 MURRAY PROCEED M204	35.4 (20)	280.3 (28)	195.9 (5)	355.1 (1)	581.9 (21)	301.8 (15)	62.6 (4)	5.2 (20)	6.7 (31)	6.4 (3)	401.1 (17)	93.5 (4)	14.2 (2)	-2.2 (17)	634.7 (1)	142.7 (12)	65.7 (2)	56.3 (31)	38.5 (29)	92.3 (6)	72.7 (9)
SFNL21 NAMPARA LIBERTY L21	37.9 (35)	278.2 (9)	198.8 (2)	347.4 (9)	593.8 (5)	300.3 (13)	58.6 (25)	4.8 (31)	6.6 (32)	5.5 (29)	406.7 (11)	86.6 (18)	7.7 (33)	-2.4 (9)	414.5 (33)	143.3 (14)	63.4 (33)	65.6 (19)	50.0 (19)	87.5 (11)	29.2 (33)
USA16981588 PA FULL POWER 1208	35.6 (24)	279.1 (17)	191.6 (11)	343.8 (16)	571.9 (30)	314.4 (29)	62.8 (2)	5.1 (23)	8.1 (4)	6.1 (6)	394.2 (25)	93.1 (5)	12.4 (5)	-1.8 (25)	525.5 (8)	143.9 (17)	64.4 (18)	58.3 (27)	52.6 (17)	84.2 (14)	55.6 (22)

Angus Sire Benchmarking Program - Cohort 8

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
SMPM558 PATHFINDER MAXIMUS M558	35.4 (20)	281.0 (31)	195.3 (6)	353.6 (2)	590.0 (10)		60.0 (12)	5.0 (26)	7.4 (13)	5.8 (14)	402.8 (14)	90.0 (10)	11.0 (13)	-2.3 (12)	507.9 (16)	142.1 (11)	64.4 (18)	83.3 (4)	54.5 (15)	90.9 (7)	60.0 (19)
CXBL77 PRIME LEGEND L77	34.1 (10)	277.3 (7)	182.3 (27)	337.2 (24)	570.0 (32)	311.6 (25)	60.5 (9)	5.4 (16)	7.1 (21)	5.8 (14)	386.0 (33)	85.7 (21)	10.8 (17)	-2.3 (12)	516.3 (10)	143.6 (15)	64.3 (20)	76.7 (8)	50.0 (19)	90.9 (7)	52.6 (25)
NORL683 RENNYLEA L683	35.5 (23)	279.6 (23)	190.0 (16)	341.4 (20)	588.1 (13)	304.0 (18)	60.0 (12)	5.6 (11)	7.6 (10)	5.7 (20)	415.2 (4)	84.2 (26)	10.3 (22)	-1.3 (32)	490.1 (21)	144.6 (20)	64.7 (12)	63.0 (24)	77.8 (3)	83.3 (17)	93.8 (2)
NORM27 RENNYLEA M27	36.8 (33)	279.2 (19)	197.5 (3)	350.9 (5)	581.4 (22)	300.3 (13)	62.8 (2)	4.9 (28)	6.8 (29)	5.4 (30)	405.3 (13)	95.7 (1)	10.6 (19)	-2.3 (12)	517.5 (9)	154.2 (35)	63.9 (28)	83.3 (4)	76.5 (4)	88.2 (10)	45.5 (29)
VTMK52 TE MANIA KALIBROOK K52	33.8 (9)	282.0 (33)	186.1 (22)	345.6 (11)	577.3 (25)	298.2 (9)	59.4 (17)	6.0 (4)	8.4 (2)	6.4 (3)	387.4 (31)	79.4 (34)	13.1 (4)	-0.8 (34)	514.6 (12)	148.4 (29)	64.6 (13)	63.6 (23)	42.1 (26)	84.2 (14)	53.3 (24)
VTMK138 TE MANIA KIRBY K138	35.6 (24)	281.4 (32)	192.8 (9)	342.2 (18)	584.3 (17)	290.9 (1)	60.3 (10)	5.9 (5)	8.2 (3)	6.5 (1)	400.8 (19)	85.9 (20)	14.6 (1)	-1.4 (31)	573.9 (4)	142.7 (12)	65.3 (4)	56.3 (31)	35.7 (31)	92.9 (5)	69.6 (12)
VTML27 TE MANIA LACKEY L27	34.3 (13)	277.1 (5)	193.5 (8)	352.0 (4)	616.0 (2)	306.4 (23)	59.4 (17)	5.2 (20)	7.1 (21)	5.7 (20)	408.9 (10)	84.1 (27)	9.6 (26)	-2.5 (5)	457.2 (28)	147.2 (26)	64.0 (24)	84.0 (3)	71.4 (6)	81.0 (23)	77.8 (6)
VTML64 TE MANIA LANCASTER L64	33.6 (6)	276.5 (3)	190.4 (15)	337.2 (24)	576.2 (26)	292.6 (3)	59.5 (15)	5.8 (6)	7.3 (15)	6.1 (6)	401.8 (15)	84.8 (25)	12.2 (6)	-2.5 (5)	576.9 (3)	141.8 (9)	65.6 (3)	60.0 (25)	70.4 (7)	81.5 (22)	54.2 (23)
DBLL292 TOPBOS LEADING EDGE L292	36.5 (31)	279.0 (16)	199.4 (1)	353.2 (3)	591.5 (8)	303.7 (17)	58.9 (20)	5.4 (16)	7.3 (15)	5.6 (25)	397.3 (22)	90.0 (10)	9.7 (25)	-2.1 (18)	515.8 (11)	144.5 (19)	64.5 (16)	65.5 (20)	31.8 (33)	86.4 (12)	89.5 (4)
NXTL096 TWYNAM L096	32.8 (1)	276.7 (4)	187.9 (19)	346.9 (10)	613.0 (3)	292.1 (2)	57.7 (30)	5.6 (11)	7.8 (5)	5.8 (14)	427.7 (1)	81.7 (31)	11.7 (8)	-2.5 (5)	544.9 (5)	147.3 (27)	65.2 (6)	68.4 (14)	58.3 (13)	83.3 (17)	77.8 (6)
BSCL16 WAITARA 292 LIBERATOR L16	33.0 (2)	279.6 (23)	178.4 (33)	330.4 (31)	590.5 (9)	300.2 (12)	60.7 (8)	4.7 (33)	7.1 (21)	5.8 (14)	397.4 (21)	94.5 (2)	10.9 (14)	-1.8 (25)	502.9 (19)	150.7 (33)	64.8 (10)	52.4 (33)	35.7 (31)	64.3 (33)	25.0 (34)
NWPM34 WATTLETOP BIG SKY M34	34.4 (15)	282.1 (34)	179.3 (32)	329.7 (32)	586.5 (15)		56.3 (35)	4.9 (28)	6.5 (34)	5.3 (32)	411.1 (8)	92.0 (7)	7.3 (34)	-1.5 (30)	405.0 (34)	139.0 (4)	64.0 (24)	100.0 (1)	88.9 (1)	77.8 (29)	42.9 (30)
NWPM51 WATTLETOP BLACK PEARL M51	35.9 (28)	279.1 (17)	176.3 (35)	344.6 (13)	626.7 (1)		62.9 (1)	6.2 (3)	9.1 (1)	6.5 (1)	425.0 (2)	85.1 (24)	6.8 (35)	-2.4 (9)	393.0 (35)	141.9 (10)	63.2 (35)	77.8 (7)	50.0 (19)	100.0 (1)	100.0 (1)

8.2 EBVs Reliably Predict Progeny Performance

DRAFT

AngusSire™ Benchmarking Program

Cohorts 5, 6 and 7

Lessons from the

Angus Sire Benchmarking Program

EBVS RELIABLY PREDICT PROGENY PERFORMANCE

How well did the EBVs of bulls entered in the ASBP predict the performance of their progeny?

Introduction

The Angus Sire Benchmarking Program (ASBP) has demonstrated that there is great potential to achieve genetic improvement in Angus breeding programs by utilising selection tools, such as Estimated Breeding Values (EBVs) and Selection Indexes.

A recent project undertaken by Angus Australia, with funding assistance from the MLA Donor Company, assessed the progeny performance of sires in cohorts 5, 6 and 7 of the ASBP, to analyse how well the EBVs of the sires when entered in the program aligned with the actual performance of their progeny. The project builds on previous work which examined cohorts 1, 2 and 3.

This project has confirmed that EBVs provided a reliable prediction of how the progeny from sires in the ASBP subsequently performed, and should be used with confidence when selecting animals for use within a beef breeding program.

Background

The Angus Sire Benchmarking Program is an initiative of Angus Australia that aims to a) generate progeny test data on modern Angus bulls, particularly for hard to measure traits such as feed efficiency, abattoir carcase measurements, meat quality attributes and female reproduction; b) generate data for the validation and refinement of the TransTasman Angus Cattle Evaluation (TACE); and c) build a comprehensive phenotype and genotype database on Australian Angus animals for genomic technology validation, research and development.

The ASBP program in each cohort joins on average 40 sires a year to approximately 2000 Angus cows, to produce 25 progeny (50:50 steers and heifers) per sire using fixed time AI. In this program, the progeny of each sire are comprehensively performance recorded across a range of traits relating to fertility, weight, feed efficiency and carcase merit.

Project Design

To evaluate how well the EBVs of the sires in cohorts 5 to 7 of the ASBP aligned with the actual performance of their progeny, the following steps were completed:

1. The TransTasman Angus Cattle Evaluation EBVs when the sires were entered into the ASBP were collated.

   The EBVs for sires in each cohort were as follows:

   - Cohort 5 - March 2015 TransTasman Angus Cattle Evaluation
   - Cohort 6 - March 2016 TransTasman Angus Cattle Evaluation
   - Cohort 7 - March 2017 TransTasman Angus Cattle Evaluation

2. The performance of progeny for all traits was collated and the standard adjustments and contemporary groupings applied.

   The performance data was then analysed through the Statistical Analysis System (SAS) to generate Least Squares Means (LSMs), being each sire's average progeny performance for each trait.

3. Once the EBVs and progeny performance of each sire had been collated, the EBVs of sires in each cohort were ranked from highest to lowest for each trait. Then, the average EBV of the highest 10 and lowest 10 sires were used to calculate how much difference in performance was predicted between the progeny sired by bulls in each of the two groups.

   The predicted difference was then compared to the actual difference in progeny performance that was observed within the ASBP to ascertain how well the EBVs predicted the breeding value of the highest and lowest 10 sires for each trait.

Project Design - Example

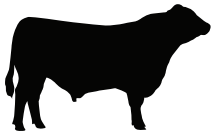
ASBP Cohort Sires

Highest 10
Bwt EBV Sires

Avg. EBV = +6.4 kg

Bred to

Lowest 10
Bwt EBV Sires

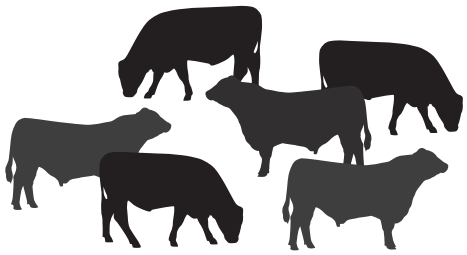


Avg. EBV = +2.4 kg

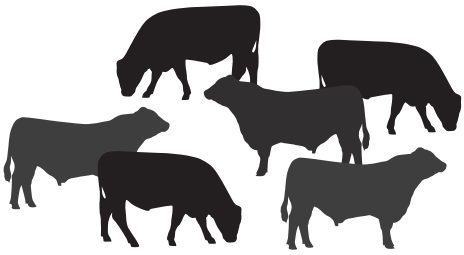
EBV Difference
= 4 kg
= 2 kg difference expected
in progeny

ASBP Cooperator herds

Progeny Avg. of
Highest 10 Bwt EBV Sires = 34 kg



Progeny Avg. of
Lowest 10 Bwt EBV Sires = 32 kg



Performance of progeny
Difference = 2 kg

EBVs reliably predicted the performance of the progeny

Traits Analysed

Calving Ease

Birth Weight: Weight at birth in kilograms, with lower values indicating lighter birth weights. Birth weight was recorded on both steer and heifer progeny in the ASBP.

Gestation Length: Length of time in days from conception to birth, with lower values indicating shorter gestation length. Gestation length was recorded on both steer and heifer progeny in the ASBP.

Growth

200 Day Weight: Weight in kilograms at 200 Days of age (i.e. weaning weight), with higher values indicating heavier weaning weights. 200 Day Weight recorded on both steer and heifer progeny in the ASBP.

400 Day Weight: Weight in kilograms at 400 Days of age (i.e. yearling weight), with higher values indicating heavier yearling weights. 400 Day Weight recorded on both steer and heifer progeny in the ASBP.

600 Day Weight: Weight in kilograms at 600 Days of age (i.e. 20 months), with higher values indicating heavier yearling weights. 600 Day Weight recorded on both steer and heifer progeny in the ASBP.

Carcase Composition

Carcase Weight: Weight of the hot standard carcase in kilograms at 750 days of age (i.e. 25 months), with higher values indicating heavier carcase weights. Carcase Weight recorded on steer progeny in the ASBP.

Carcase Eye Muscle Area (EMA): Eye Muscle Area in cm^2 in a 400kg carcase, higher values indicating larger Eye Muscle Area. Carcase Eye Muscle Area measured on steer progeny in the ASBP.

Carcase Rump Fat: Subcutaneous fat measurement in mm at the P8 rump site in a 400kg carcase, higher values indicating more rump fat. Carcase Rump Fat measured on steer progeny in the ASBP.

Carcase Rib Fat: Subcutaneous fat measurement in mm at the 12th and 13th rib site in a 400kg carcase, higher values indicating more rib fat. Carcase Rib Fat measured on steer progeny in the ASBP.

Carcase Intra-muscular Fat (IMF): Percentage of intra-muscular fat (NIR calibrated to ether extracted at the UNE meat science laboratory) in a 400kg carcase, higher values indicating more intramuscular fat. Carcase Intra-muscular Fat measured on steer progeny in the ASBP.

Fertility

Days to Calving: Length of days from the start of joining (i.e bull in date) to calving, with lower values indicating shorter days to calving and improved female reproduction. Days to Calving was recorded on the heifer progeny of sires in the ASBP for their first joining as yearlings.

Feed Efficiency

Net Feed Intake – Feedlot: Feed Intake measured in kg of feed intake per day at a standard weight and rate of weight gain, lower values indicating better feed efficiency through less feed intake for the same weight and rate of weight gain. Net Feed Intake – Feedlot is recorded on all steer progeny in the ASBP at the Tullimba Research Feedlot.

Results

The project has shown that the EBVs of the sires entered in cohorts 5, 6 and 7 provided a reliable prediction of the performance of their progeny.

Calving Ease (Birth Weight, Gestation Length)

The difference between the average Birth Weight EBV of the highest and lowest 10 Birth Weight EBV sires in each cohort was on average 3.7 kg, across cohorts 5, 6 and 7. This equates to a predicted difference in the average birth weight of progeny of sires in both groups of 1.9 kg. The predicted difference is only half the difference in the EBVs as the sires only contribute to half of their progeny's genetics.

When the average birth weight of the progeny from the highest and lowest 10 Birth Weight sires was measured, the actual difference in birth weight was 1.5 kg, demonstrating the EBVs were accurately predicting the breeding value of sires for birth weight.

Birth Weight	Cohort 5	Cohort 6	Cohort 7	Average
Average High EBV	6.1 kg	6.7 kg	6.0 kg	6.3 kg
Average Low EBV	2.6 kg	2.7 kg	2.4 kg	2.6 kg
Difference in EBV	3.5 kg	4.0 kg	3.6 kg	3.7 kg
Expected Difference (EBV)	1.8 kg	2.0 kg	1.8 kg	1.9 kg
Average High LSM	38.5 kg	38.3 kg	38.4 kg	38.4 kg
Average Low LSM	37.3 kg	36.3 kg	37.1 kg	36.9 kg
Actual Difference (LSM)	1.2 kg	2.0 kg	1.3 kg	1.5 kg

Similarly, the difference between the average Gestation Length EBV of the highest and lowest 10 Gestation Length EBV sires in each cohort was on average 5.6 days across cohorts 5, 6 and 7. Therefore, it was predicted that the progeny of the 10 sires with the lowest Gestation Length EBVs would be born, on average, 2.8 days earlier than the progeny of the 10 sires with the highest Gestation Length EBVs.

When the gestation length data of progeny from both groups of sires was collated, the difference was 2.7 days, and closely aligned with the difference predicted by the sire EBVs.

Gestation Length	Cohort 5	Cohort 6	Cohort 7	Average
Average High EBV	-1.5 days	-2.2 days	-2.7 days	-2.1 days
Average Low EBV	-8.3 days	-7.9 days	-7.0 days	-7.8 days
Difference in EBV	6.8 days	5.7 days	4.3 days	5.6 days
Expected Difference (EBV)	3.4 days	2.9 days	2.2 days	2.8 days
Average High LSM	280.9 days	281.1 days	281.4 days	281.1 days
Average Low LSM	277.7 days	278.7 days	278.8 days	278.4 days
Actual Difference (LSM)	3.3 days	2.3 days	2.6 days	2.7 days

Growth (200, 400 & 600 Day Weights)

The difference between the average EBV of the highest and lowest 10 EBV sires for 200 day growth and 400 and 600 day weight EBV in each cohort was on average 17.3 kg, 29.1 kg and 42.1 kg respectively, across cohorts 5, 6 and 7. This equates to a predicted difference in the average weight of progeny of sires in both groups of 8.7 kg, 14.6 kg and 21.1 kg at 200, 400 and 600 days of age.

When weighed, the actual difference in the weight of progeny was 8.6 kg, 14.2 kg and 19.9 kg, and demonstrated the EBVs of the sires provided a reliable indication of their genetics for growth.

200 Day Weight	Cohort 5	Cohort 6	Cohort 7	Average
Average High EBV	55.4 kg	56.4 kg	58.4 kg	56.7 kg
Average Low EBV	33.4 kg	40.5 kg	44.2 kg	39.4 kg
Difference in EBV	22.0 kg	15.9 kg	14.2 kg	17.3 kg
Expected Difference (EBV)	11.0 kg	8.0 kg	7.1 kg	8.7 kg
Average High LSM	251.0 kg	217.6 kg	231.6 kg	233.4 kg
Average Low LSM	237.4 kg	209.2 kg	227.9 kg	224.8 kg
Actual Difference (LSM)	13.6 kg	8.4 kg	3.7 kg	8.6 kg

400 Day Weight	Cohort 5	Cohort 6	Cohort 7	Average
Average High EBV	102.5 kg	101.8 kg	105.7 kg	103.3 kg
Average Low EBV	63.8 kg	76.5 kg	82.3 kg	74.2 kg
Difference in EBV	38.7 kg	25.3 kg	23.4 kg	29.1 kg
Expected Difference (EBV)	19.3 kg	12.7 kg	11.7 kg	14.6 kg
Average High LSM	375.7 kg	360.4 kg	362.9 kg	366.3 kg
Average Low LSM	359.2 kg	347.0 kg	350.2 kg	352.1 kg
Actual Difference (LSM)	16.5 kg	13.4 kg	12.7 kg	14.2 kg

600 Day Weight	Cohort 5	Cohort 6	Cohort 7	Average
Average High EBV	137.8 kg	137.2 kg	138.2 kg	137.7 kg
Average Low EBV	81.6 kg	99.0 kg	106.1 kg	95.6 kg
Difference in EBV	56.2 kg	38.2 kg	32.1 kg	42.1 kg
Expected Difference (EBV)	28.1 kg	19.1 kg	16.0 kg	21.1 kg
Average High LSM	571.3 kg	623.2 kg	586.8 kg	593.8 kg
Average Low LSM	545.7 kg	603.2 kg	572.6 kg	573.8 kg
Actual Difference (LSM)	25.6 kg	19.9 kg	14.2 kg	19.9 kg

Carcase Composition (Carcase Weight, Eye Muscle Area, Intramuscular Fat, Rib and Rump Fat)

The difference between the average EBV of the highest and lowest 10 EBV sires for Carcase Weight, Eye Muscle Area, Rib Fat, Rump Fat and Intramuscular Fat EBV in each cohort was on average 30.8 kg, 6.7 cm^2, 3.7 mm, 4.0 mm and 2.6% respectively, across cohorts 5, 6 and 7. This equates to a predicted difference in the sires average carcase progeny performance of 15.4 kg dressed carcase weight, 3.3 cm^2 eye muscle area, 1.8 mm rib fat depth, 2.0 mm rump fat depth and 1.3% intramuscular fat.

When the steer progeny were slaughtered and abattoir carcase measurements collected, the actual difference in the carcase performance weight of progeny was 13.4 kg dressed carcase weight, 2.6 cm^2 eye muscle area, 1.8 mm rib fat depth, 0.9 mm rump fat depth and 1.5% intramuscular fat.

This demonstrates that the EBVs of sires in cohorts 5, 6 and 7 provided an accurate prediction of their carcase genetics, particularly for carcase weight, EMA and IMF, and can be used with confidence when selecting animals for superior carcase genetics. The results for fat depth were variable in some cohorts, which may be explained by the difficulties in accurately collecting these measurements.

Carcase Weight	Cohort 5	Cohort 6	Cohort 7	Average
Average High EBV	77.3 kg	83.2 kg	86.3 kg	82.3 kg
Average Low EBV	40.6 kg	52.9 kg	60.8 kg	51.4 kg
Difference in EBV	36.7 kg	30.3 kg	25.5 kg	30.8 kg
Expected Difference (EBV)	18.4 kg	15.1 kg	12.7 kg	15.4 kg
Average High LSM	429.3 kg	435.2 kg	429.9 kg	431.5 kg
Average Low LSM	411.2 kg	423.4 kg	419.8 kg	418.1 kg
Actual Difference (LSM)	18.1 kg	11.9 kg	10.1 kg	13.4 kg

Carcase EMA	Cohort 5	Cohort 6	Cohort 7	Average
Average High EBV	10.6 cm^2	11.1 cm^2	8.4 cm^2	10.0 cm^2
Average Low EBV	2.8 cm^2	3.6 cm^2	3.6 cm^2	3.3 cm^2
Difference in EBV	7.8 cm^2	7.5 cm^2	4.8 cm^2	6.7 cm^2
Expected Difference (EBV)	3.9 cm^2	3.8 cm^2	2.4 cm^2	3.3 cm^2
Average High LSM	89.2 cm^2	94.1 cm^2	90.3 cm^2	91.2 cm^2
Average Low LSM	87.3 cm^2	89.7 cm^2	88.8 cm^2	88.6 cm^2
Actual Difference (LSM)	1.9 cm^2	4.4 cm^2	1.6 cm^2	2.6 cm^2

Carcase Rib Fat	Cohort 5	Cohort 6	Cohort 7	Average
Average High EBV	1.9 mm	2.1 mm	1.8 mm	1.9 mm
Average Low EBV	-2.2 mm	-1.5 mm	-1.6 mm	-1.8 mm
Difference in EBV	4.1 mm	3.6 mm	3.4 mm	3.7 mm
Expected Difference (EBV)	2.0 mm	1.8 mm	1.7 mm	1.8 mm
Average High LSM	18.2 mm	14.7 mm	15.3 mm	16.1 mm
Average Low LSM	15.6 mm	14.6 mm	12.8 mm	14.3 mm
Actual Difference (LSM)	2.6 mm	0.1 mm	2.5 mm	1.8 mm

Carcase Rump Fat	Cohort 5	Cohort 6	Cohort 7	Average
Average High EBV	2.2 mm	1.9 mm	1.3 mm	1.8 mm
Average Low EBV	-2.6 mm	-1.9 mm	-2.2 mm	-2.2 mm
Difference in EBV	4.8 mm	3.8 mm	3.5 mm	4.0 mm
Expected Difference (EBV)	2.4 mm	1.9 mm	1.7 mm	2.0 mm
Average High LSM	19.6 mm	19.6 mm	22.9 mm	20.7 mm
Average Low LSM	19.5 mm	19.6 mm	20.3 mm	19.8 mm
Actual Difference (LSM)	0.1 mm	0.0 mm	2.6 mm	0.9 mm

Carcase IMF	Cohort 5	Cohort 6	Cohort 7	Average
Average High EBV	2.8 %	3.9 %	4.0 %	3.6 %
Average Low EBV	0.5 %	0.9 %	1.4 %	0.9 %
Difference in EBV	2.3 %	3.0 %	2.6 %	2.6 %
Expected Difference (EBV)	1.2 %	1.5 %	1.3 %	1.3 %
Average High LSM	9.9 %	9.3 %	9.4 %	9.5 %
Average Low LSM	8.4 %	7.8 %	7.8 %	8 %
Actual Difference (LSM)	1.5 %	1.5 %	1.6 %	1.5 %

Fertility (Days to Calving)

The difference between the average Days to Calving EBV of the highest and lowest 10 Days to Calving EBV sires in each cohort was on average 4.5 days across cohorts 5, 6 and 7. Therefore it was predicted that the heifer progeny of the 10 sires with the lowest Days to Calving EBVs would calve, on average, 2.2 days earlier than the progeny of the 10 sires with the highest Days to Calving EBVs

When the heifer progeny were calved down at 2 years of age and their calving records collated, the progeny sired by the lowest Days to Calving EBV sires calved on average, 1 day earlier than the progeny sired by the highest Days to Calving EBV sires.

Days to Calving	Cohort 5	Cohort 6	Cohort 7	Average
Average High EBV	-1.3 days	-2.5 days	-3.5 days	-2.4 days
Average Low EBV	-6.6 days	-6.5 days	-7.8 days	-6.9 days
Difference in EBV	5.3 days	4.0 days	4.3 days	4.5 days
Expected Difference (EBV)	2.7 days	1.9 days	2.1 days	2.2 days
Average High LSM	302 days	298 days	305 days	301 days
Average Low LSM	302 days	298 days	308 days	302 days
Actual Difference (LSM)	0 days	0 days	3 days	1 days

Feed Efficiency (Net Feed Intake – Feedlot)

The difference between the Net Feed Intake - Feedlot EBV of the highest and lowest 10 NFI-F EBV sires in each cohort was on average 0.7 kg/day across cohorts 5, 6 and 7, indicating the progeny of the lowest NFI-F sires were predicted to eat 0.3 kg less feed per day for the same weight and rate of weight gain.

When the steer progeny were tested for feed intake at Tullimba Research Feedlot using GrowSafe technology, the actual difference between the progeny of the high and low NFI-F EBV sire groups was 0.2 kg/day.

Net Feed Intake - Feedlot	Cohort 5	Cohort 6	Cohort 7	Average
Average High EBV	0.6 kg/day	0.6 kg/day	0.6 kg/day	0.6 kg/day
Average Low EBV	-0.3 kg/day	-0.1 kg/day	-0.0 kg/day	-0.1 kg/day
Difference in EBV	0.9 kg/day	0.7 kg/day	0.6 kg/day	0.7 kg/day
Expected Difference (EBV)	0.5 kg/day	0.3 kg/day	0.3 kg/day	0.3 kg/day
Average High LSM	-1.9 kg/day	-3.4 kg/day	-3.3 kg/day	-2.9 kg/day
Average Low LSM	-2.4 kg/day	-3.5 kg/day	-3.4 kg/day	-3.1 kg/day
Actual Difference (LSM)	0.5 kg/day	0.1 kg/day	0.1 kg/day	0.2 kg/day

Conclusion

This project has revealed that Estimated Breeding Values provided an accurate prediction of the breeding value of sires in cohorts 5, 6 and 7 of the Angus Sire Benchmarking Program.

When selecting animals for use within a breeding program, the use of EBVs and selection index values, coupled with the significant genetic variation that is present within the Angus breed, provides a considerable opportunity to improve the productivity and profitability of a beef breeding enterprise.

Trait	Expected Difference	Actual Difference
Birth Weight	1.9 kg	1.5 kg
Gestation Length	2.8 days	2.7 days
200 Day Weight	8.7 kg	8.6 kg
400 Day Weight	14.6 kg	14.2 kg
600 Day Weight	21.1 kg	19.9kg
Carcase Weight	15.4 kg	13.4 kg
Carcase Rib Fat	1.8 mm	1.8 mm
Carcase Rump Fat	2.0 mm	0.9 mm
Carcase EMA	3.3cm^2	2.6cm^2
Carcase IMF	1.3%	1.5%
DTC	2.2 days	1 days
NFI-F	0.3 kg/day	0.2 kg/day

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8.3 Industry Economic Value Assumptions

The economic gains achieved in the temperate Australian beef industry resulting from genetic improvement by Angus seedstock breeders was calculated from the trend in the average Angus Breeding Index value achieved in the registered Angus seedstock population. For simplicity, the calculations ignore any benefits accrued in the sub-tropical northern beef industry where Angus genetics have also had significant penetration in recent years.

Since no accurate statistics are available on the breed composition in the Australian beef herd, it was assumed that the proportion of Angus animals represented in the temperate commercial beef population (targeted population) was equivalent to the proportion of Angus cattle in the seedstock sector relative to the total number of registered breeding females across all temperate breeds, as published annually by the Australian Registered Cattle Breeders Association (ARCBA). These statistics show that the proportion of Angus cattle in the seedstock sector servicing the targeted population increased from about 10% in the early 1980s to 48% in 2019. In the analysis it was assumed that this proportion would continue to increase at the same average rate of that experienced over the last 10 years.

In the “Without Project” case it was assumed that 75% of the industry in the targeted population sourced their bull replacements from recorded seedstock herds (“Tier 1” commercial herds), with a 5-year lag in genetic improvement (approximately 1 generation); and, the remaining 25% of commercial herds (“Tier 2” commercial herds) had a 10-year lag (approximately 2 generations) in genetic improvement relative to the seedstock sector. In the analysis it was assumed that the proportion of the targeted population that source their bull replacements from recorded herds progressively increases to 80% over 5 years, commencing from Year 2 of the project.

Statistics on the numbers of breeding females mated each year in the temperate Australian beef herd were estimated from industry data provided by MLA, with 50% of these cows assumed to be run in temperate regions where Angus bulls are commonly used.

Further details of the model calculations are available on request.