



22nd Annual On Property Sale
SPRING BULL SALE
86 ANGUS BULLS

Wednesday 28th September 2016 at 1.30pm
at 'Riverview' Coolac NSW
the Home of Bongongo Angus

www.bongongoangus.com.au

SALE INFORMATION

WELCOME TO OUR 22ND ANNUAL BONGONGO ANGUS BULL SALE

Again this year, our sale will be held at 'Riverview' Coolac located on the western side of the Murrumbidgee River between Jugiong and Coolac. Please refer to the map at back of catalogue.

We have been very pleased with the success of our previous Spring sales by video auction, so, for the third time running, our bulls will be sold by auction on a large screen without being put through a ring. The bulls will be available for inspection in pens from 10.30am on sale day (or earlier by arrangement) and we strongly suggest you allow enough time to make your selections. This is a growing selling system especially for seedstock sales and provides an easier and safer environment for all concerned.

Steve Ridley Elders Studstock Goulburn will conduct the auction.

TO VIEW THE VIDEOS OF OUR SALE BULLS

The bulls in this catalogue were filmed for the sale on September 6th.

We have posted these film clips on the web so you can see each animal walking and standing. Their performance data is also available with the video, which enables you to electronically search and sort the bulls.

To view the film clips of the bulls, please visit our website:

www.bongongoangus.com.au



The 2015 Green Bongongo Angus Team

BONGONGO ANGUS SPRING BULL SALE 86 ANGUS BULLS

Wednesday 28th September 2016 at 1.30pm
at 'Riverview' Coolac NSW



WELCOME TO OUR 22ND ANNUAL BULL SALE

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AGENT: Elders Gundagai
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VIDEO OF SALE BULLS:

All bulls have been captured on video and can be watched on our website www.bongongoangus.com.au.
You can also access the Bongongo sale catalogue online by simply following the links on the website.

- Bulls will be available for inspection from 10.30am on Sale Day
- Transport, accommodation and other details are available from the selling agents.
- Any insurance claim must be lodged within six (6) months from sale date with vendor or agent.

“ALL BLACKS RUN IN WALLABY COUNTRY”

WELCOME TO BONGONGO ANGUS

It is with a huge amount of pleasure we welcome you to our 2016 spring bull sale, which marks the Graham family's 90th year of breeding Angus cattle. On a positive note we have experienced a very wet winter and the strong demand for cattle is unprecedented and predicted to continue. The future of agriculture in Australia looks exciting.

Bongongo Angus is one of the oldest registered herds in Australia. Founded by the Graham brothers in 1926. H.L (Bill) and his brother Bruce Graham ran the stud from 1950. Under their guidance the herd saw a large increase in its commercial base. When H.L. (Bill) Graham died in 2012 at 90 years, his love of livestock, agriculture and family left us an indelible legacy. Generational change saw the stud pass to Bill and Shauna and their family in the late 1990's. Bill's passion for agriculture, cattle, genetics and breeding and his huge energy and enthusiasm has seen a big growth in the stud and in its bull sales. Today we have over 800 registered breeders backed up by a very large commercial herd. It was with great pride, a few years ago that we welcomed our son Tom home into the family businesses. Tom, who is also a veterinarian, joined his father Bill running Coolac Veterinary Services as well as working in our large dynamic family farming enterprise.

At Bongongo, we understand the key profit drivers of our commercial clients with fertility the most important. The Bongongo bulls are given rigorous pre sale Veterinary breeding soundness examination (VBBSE) followed in subsequent years by an annual VBBSE where possible. This should be a sale industry standard to maximise bull fertility and protect buyers from poor reproductive performance. All young Bongongo bulls and heifers are run in large contemporary groups, off grass and bred to perform in this cold, temperate environment.

Selection for **fertility** is matched by those Breedplan EBV's that affect this trait especially **calving ease, gestation length, importance of positive rib and rump fat** (as proven by the CRC project) to aid selection of AI sires used in the herd. These sires tend to complement the key research from the Beef CRC Maternal Productivity project released proving the importance of higher rib fat depth heifers. They have up to 8% better conception rates compared to those with lower RIB FAT EBV'S. This supports what has been obvious to me for years standing behind many females. It is more obvious in the tougher years and equates to the critical importance of fertility (reproductive rate) and its effect on your **enterprise profitability**. It was also pleasing to note that selection for higher EMA had no effect on heifer conception rate. The emphasis at Bongongo has always been in the strength of the female herd. Bongongo females have been carefully selected for fertility, milking ability, structural soundness and length. The progeny of these cows are today in high demand by feedlots for steer calves plus commanding premium for surplus female lines. Not much has changed in 35 years as a cattle vet as fertility remains the key profit driver in your cattle breeding business and matching your herd to your environment is critical.

The ability for breeders to select for key traits through ultrasonic scanning has been the single biggest development over the last twenty years giving Angus Breeders an enormous benefits for carcass selection traits. Leading Angus sires that fit these criteria are used extensively through artificial breeding to improve the genetics of our herd so our clients herds do the same! **The importance of marbling (IMF)** is back on the agenda as the red meat sector moves through genetics and nutrition to supply improved eating quality and increased value down the chain. The consumer is becoming more educated, demanding and able to afford and our breed is in a tremendous position to take advantage of their requirements.

Over the last year we have decided to use **GENOMIC testing** (Zoetis i50K test) to enhance our EBV accuracy and check the percentage of all our sale bulls. The future of breeding will involve more molecular testing through DNA. This is a great advance to develop our Breedplan EBVs into an even better world leading program.

The importance of genetic diversity in the Bongongo Stud is well recognised especially with our veterinary training to limit the impacts on future production due to inbreeding. The effects of recessive genetic traits especially AM, NH & CA and recently DD bears testimony to the dangers of the reliance of using the genetics of some bulls too heavily.

Robert Paragreen, from Livestock Video, filmed our bulls on September 6th. His work can be viewed on a link from our website.

Finally, at Bongongo we pride ourselves on our excellent after sale service so please don't hesitate to call us if you have any problems.

Thank you for your interest and support.

Bill, Shauna and Tom Graham
Ph (02) 6945 3130
Bill 0428 245 208
Tom 0422 050 019
billshauna@bongongoangus.com.au



IMPRESSIVE RESULTS

ABINGDON STATION NANGUS - PAUL FERRY

Summarised from The Land Spring Angus July 21 2016

Bongongo Angus would like to congratulate Paul Ferry Abingdon Station Nangus, and his manager Gary Williamson, who hosted the largest on-property weaner sale in June this year selling 1192 nine to ten month old Angus weaners to average an impressive \$1046.00.

Mr Ferry purchased 5 bulls to average \$11,900.00 including the equal top priced bull at our 2015 Spring sale. He has been a return client here at Bongongo for many years.

This result shows the importance of excellent reproductive management, high fertility and a tight calving span.

Well done Paul and Gary!



Gary Williamson and Paul Ferry at Abingdon Station
(Photo courtesy of Stephen Burns, The Land)

SPRINGVALE COOLAC - HARRIS FAMILY

Summarised from The Land Spring Angus July 21 2016

Long term supporters of Bongongo Angus, are the Harris family from "Springvale" Coolac. Originally they ran Poll Herefords until the late 1990's, they were early to recognise the changing market and the superior carcase traits of Angus cattle.

When selecting replacement sires, Graeme and Robbie Harris said they were looking for bulls with correct structure, early maturity and calving ease. "We like low birth weight for our heifer bulls. Our aim is to get a live calf. And we consider 400 and 600 day weight, eye muscle area and marbling in the bulls. We also chose Bongongo for their temperament and conformation, especially good in the feet."

When classing their replacement heifers, the father and son duo, Graeme and Robbie, concentrate on maternal traits, especially fertility and milking ability, conformation and temperament. "We normally get four to five years from our bulls and we still have an eight year old performing as well as anything we have ever had," Robbie Harris said.



Tom Graham with Robbie and Carol Harris from our May Sale 2016
(Photo courtesy of Stephen Burns, The Land)



NOTICE TO BUYERS

INSPECTION

From 10.30am on the morning of the sale or any other time by making arrangements with Bill [P: (02) 6945 3130]

REBATE

A 3% rebate will be offered to all outside agents who introduce the client in writing to the vendor at email billshauna@bongongoangus.com.au 24 hrs prior to the sale and who settle within 7 days of the sale day.

REFRESHMENTS

Morning tea and BBQ lunch (CAAB steak) compliments of Bongongo Angus, and any donations greatly appreciated for Bongongo Public School. There will be two portaloos at the sale or you are welcome to use the toilet in the homestead.

SUPPLEMENTARY SHEET

Will be available on sale day, including scrotal size measurements, weights and a map of the pens.

MOBILE PHONE SERVICE

No mobile phone service is received at the Bongongo Angus Sale Complex.

HEALTH AND GENETIC TESTING

All sale bulls have been checked for general health and physical soundness. The bulls are GENOMIC tested through the i50K Zoetis test. This testing increases the accuracy of Breedplan EBVs and checks the percentage. As well, any bulls requiring testing for genetic defects AM, NH, CA or DD have been tested with results in the catalogue.

BVDV PI TESTING (PESTIVIRUS)

All bulls have been tested NEGATIVE by DNA testing for BVDV (Pestivirus).

BULL FERTILITY

All bulls have undergone a bull breeding soundness examination (VBBSE) involving:

- (i) Structural soundness.
- (ii) Testicle palpation and measurement (scrotal size).
- (iii) Physical examination of internal and external genitalia.
- (iv) Vaccination against vibriosis, leptospirosis and pestivirus. All bulls have received a double vaccination with the last dose in July 2016.

MANAGEMENT

It is the policy of Bongongo to raise both stud and commercial cattle under similar conditions to those that are normal for commercial beef production. Under this system all cattle share the paddocks with sheep and supplementary feeding with hay or silage is provided under tight seasonal conditions.

VISUAL ASSESSMENT

When choosing bulls you need to use both the EBVs and visual assessment. Visual assessment is essential to assess physical and structural soundness and is a reasonable indicator of health and temperament. EBVs are a tool that will help you to make more educated decisions when you are choosing breeding stock. Do your homework well before the sale when you have plenty of time.

AUCTION

All lots will be sold subject to the usual conditions governing auction sales. Such conditions will be posted in the yards. The auction price will be exclusive of GST.

DELIVERY

Every effort will be made to co-ordinate delivery after the sale to minimise transport costs. Verbal instruction will NOT be accepted. Written instructions are required using the slip in the catalogue.

INSURANCE

It is suggested that buyers insure their purchases upon the fall of the hammer. Facilities for insurance will be available at the sale.

OCCUPATIONAL HEALTH AND SAFETY

At the sale, please do not enter pens unnecessarily and do not crowd around the bulls. No children are permitted to enter pens.



SEPTEMBER 2016 ANGUS BREEDPLAN TABLE

BREED AVERAGE EBVS

	Calving Ease Direct	Calving Ease Daughters	Gestation Length	Birth Weight	200 Day Live Weight	400 Day Live Weight	600 Day Live Weight	Mat. Cow Weight	Milk	Scrotal Size	Days Calving	Carcass to Weight	Eye Muscle Area	Rib Fat	Rump Fat	Rump Fat Yield	Retail Beef Yield	Intramuscular Fat	NFI-P	NFI-F	Docility	Angus Breeding Index	Domestic Index	Heavy Grain Index	Heavy Grass Index
Breed Average	-0.1	-0.1	-3.5	+4.3	+41	+75	+98	+86	+14	+1.6	-3.6	+54	+4.4	+0.0	+0.0	+0.3	+1.5	+0.09	+0.15	+4	+102	+101	+103	+101	

* Breed average represents the average EBV of all 2014 drop Angus and Angus influenced animals analysed in the September 2016 Trans Tasman Angus BREEDPLAN genetic evaluation

PERCENTILE BANDS TABLE

Percentile Band	Calving Ease Direct		Gestation Length		Birth Weight		200 Day Live Weight		400 Day Live Weight		600 Day Live Weight		Mat. Cow Weight		Milk		Scrotal Size		Days Calving		Carcass to Weight		Eye Muscle Area		Rib Fat		Rump Fat		Rump Fat Yield		Retail Beef Yield		Intramuscular Fat		NFI-P		NFI-F		Docility		Angus Breeding Index		Domestic Index		Heavy Grain Index		Heavy Grass Index	
	Less	More	Shorter	Longer	Lighter	Heavier	Lighter	Heavier	Lighter	Heavier	Lighter	Heavier	Lighter	Heavier	Lighter	Heavier	Lighter	Heavier	Shorter	Longer	Lighter	Heavier	Lighter	Heavier	Larger	Smaller	More	Less	More	Less	Higher	Lower	More	Less	Greater	Lower	Greater	Lower	Greater	Lower	Greater	Lower						
1%	+5.1	+4.4	-8.8	-8.8	+0.8	+55	+99	+133	+129	+24	+3.4	-8.0	+9.8	+2.9	+3.1	+2.1	+3.7	-0.38	-0.47	+32	+141	+125	+132	+8.0	+2.9	+3.1	+2.1	+3.7	-0.38	-0.47	+32	+141	+125	+132	+8.0	+2.9	+3.1	+2.1	+3.7	-0.38	-0.47	+32	+141	+125	+132			
5%	+4.0	+3.4	-7.0	-7.0	+1.9	+51	+92	+122	+116	+21	+2.8	-6.7	+8.0	+1.9	+2.0	+1.5	+3.1	-0.23	-0.26	+23	+131	+118	+124	+7.1	+1.4	+1.5	+1.2	+2.8	-0.16	-0.17	+19	+125	+115	+138	+119	+1.4	+1.5	+1.2	+2.8	-0.16	-0.17	+19	+125	+115	+138			
10%	+3.3	+2.8	-6.1	-6.1	+2.4	+49	+88	+117	+109	+19	+2.5	-6.0	+6.8	+1.4	+1.5	+1.2	+2.8	-0.16	-0.17	+19	+125	+115	+138	+7.1	+1.4	+1.5	+1.2	+2.8	-0.16	-0.17	+19	+125	+115	+138	+119	+1.4	+1.5	+1.2	+2.8	-0.16	-0.17	+19	+125	+115	+138			
15%	+2.7	+2.3	-5.5	-5.5	+2.8	+48	+86	+113	+104	+18	+2.4	-5.6	+6.6	+1.1	+1.2	+1.0	+2.6	-0.11	-0.11	+16	+121	+112	+116	+6.6	+1.1	+1.2	+1.0	+2.6	-0.11	-0.11	+16	+121	+112	+116	+114	+1.1	+1.2	+1.0	+2.6	-0.11	-0.11	+16	+121	+112	+116			
20%	+2.3	+1.9	-5.1	-5.1	+3.1	+46	+84	+111	+101	+18	+2.2	-5.3	+6.1	+0.9	+1.0	+0.9	+2.4	-0.08	-0.08	+13	+118	+110	+114	+6.1	+0.9	+1.0	+0.9	+2.4	-0.08	-0.08	+13	+118	+110	+114	+112	+1.0	+1.1	+1.0	+2.4	-0.08	-0.08	+13	+118	+110	+114			
25%	+1.9	+1.6	-4.7	-4.7	+3.3	+45	+82	+108	+98	+17	+2.1	-5.0	+5.8	+0.7	+0.8	+0.8	+2.2	-0.04	-0.04	+11	+115	+108	+112	+5.8	+0.7	+0.8	+0.8	+2.2	-0.04	-0.04	+11	+115	+108	+112	+110	+1.1	+1.1	+1.1	+2.2	-0.04	-0.04	+11	+115	+108	+112			
30%	+1.5	+1.2	-4.4	-4.4	+3.6	+45	+81	+106	+95	+16	+2.0	-4.7	+5.5	+0.5	+0.6	+0.7	+2.0	-0.02	+0.02	+10	+113	+107	+110	+5.5	+0.5	+0.6	+0.7	+2.0	-0.02	+0.02	+10	+113	+107	+110	+110	+1.1	+1.1	+1.1	+2.0	-0.02	+0.02	+10	+113	+107	+110			
35%	+1.1	+0.9	-4.1	-4.1	+3.8	+44	+79	+104	+93	+16	+1.9	-4.5	+5.2	+0.4	+0.4	+0.6	+1.9	+0.01	+0.05	+8	+110	+106	+108	+5.2	+0.4	+0.4	+0.6	+1.9	+0.01	+0.05	+8	+110	+106	+108	+108	+1.1	+1.1	+1.1	+1.9	+0.01	+0.05	+8	+110	+106	+108			
40%	+0.8	+0.6	-3.9	-3.9	+3.9	+43	+78	+102	+91	+15	+1.8	-4.3	+4.9	+0.2	+0.3	+0.5	+1.8	+0.04	+0.08	+7	+108	+104	+106	+4.9	+0.2	+0.3	+0.5	+1.8	+0.04	+0.08	+7	+108	+104	+106	+106	+1.1	+1.1	+1.1	+1.8	+0.04	+0.08	+7	+108	+104	+106			
45%	+0.5	+0.3	-3.6	-3.6	+4.1	+42	+77	+100	+88	+15	+1.7	-4.1	+4.6	+0.1	+0.1	+0.4	+1.6	+0.06	+0.12	+5	+106	+103	+104	+4.6	+0.1	+0.1	+0.4	+1.6	+0.06	+0.12	+5	+106	+103	+104	+104	+1.1	+1.1	+1.1	+1.6	+0.06	+0.12	+5	+106	+103	+104			
50%	+0.1	+0.1	-3.4	-3.4	+4.3	+41	+76	+98	+86	+14	+1.6	-3.9	+4.4	+0.0	-0.1	+0.3	+1.5	+0.09	+0.15	+4	+104	+101	+103	+4.4	+0.0	-0.1	+0.3	+1.5	+0.09	+0.15	+4	+104	+101	+103	+103	+1.1	+1.1	+1.1	+1.5	+0.09	+0.15	+4	+104	+101	+103			
55%	-0.2	-0.2	-3.2	-3.2	+4.5	+41	+74	+97	+84	+14	+1.5	-3.6	+4.1	-0.2	-0.2	+0.2	+1.4	+0.11	+0.18	+2	+102	+100	+101	+4.1	-0.2	-0.2	+0.2	+1.4	+0.11	+0.18	+2	+102	+100	+101	+101	+1.1	+1.1	+1.1	+1.4	+0.11	+0.18	+2	+102	+100	+101			
60%	-0.6	-0.5	-2.9	-2.9	+4.7	+40	+73	+95	+82	+13	+1.4	-3.4	+3.8	-0.3	-0.4	+0.1	+1.2	+0.13	+0.21	+1	+100	+99	+99	+3.8	-0.3	-0.4	+0.1	+1.2	+0.13	+0.21	+1	+100	+99	+99	+99	+1.1	+1.1	+1.1	+1.2	+0.13	+0.21	+1	+100	+99	+99			
65%	-0.9	-0.8	-2.7	-2.7	+4.9	+39	+72	+93	+80	+13	+1.3	-3.1	+3.6	-0.4	-0.5	+0.0	+1.1	+0.16	+0.25	-1	+97	+97	+97	+3.6	-0.4	-0.5	+0.0	+1.1	+0.16	+0.25	-1	+97	+97	+97	+96	+1.1	+1.1	+1.1	+1.1	+0.16	+0.25	-1	+97	+97	+97			
70%	-1.3	-1.2	-2.5	-2.5	+5.0	+38	+70	+91	+77	+12	+1.2	-2.8	+3.3	-0.6	-0.7	-0.1	+1.0	+0.19	+0.29	-3	+95	+96	+96	+3.3	-0.6	-0.7	-0.1	+1.0	+0.19	+0.29	-3	+95	+96	+96	+96	+1.1	+1.1	+1.1	+1.0	+0.19	+0.29	-3	+95	+96	+96			
75%	-1.8	-1.5	-2.2	-2.2	+5.3	+37	+68	+88	+75	+12	+1.1	-2.5	+2.9	-0.7	-0.9	-0.2	+0.8	+0.22	+0.33	-4	+92	+94	+94	+2.9	-0.7	-0.9	-0.2	+0.8	+0.22	+0.33	-4	+92	+94	+94	+94	+1.1	+1.1	+1.1	+0.8	+0.22	+0.33	-4	+92	+94	+94			
80%	-2.3	-1.9	-1.9	-1.9	+5.5	+36	+67	+85	+72	+11	+1.0	-2.1	+2.6	-0.9	-1.1	-0.4	+0.7	+0.25	+0.37	-6	+88	+92	+91	+2.6	-0.9	-1.1	-0.4	+0.7	+0.25	+0.37	-6	+88	+92	+91	+91	+1.1	+1.1	+1.1	+0.7	+0.25	+0.37	-6	+88	+92	+91			
85%	-2.9	-2.4	-1.5	-1.5	+5.8	+34	+64	+82	+68	+10	+0.9	-1.6	+2.1	-1.1	-1.3	-0.5	+0.5	+0.29	+0.43	-9	+84	+89	+87	+2.1	-1.1	-1.3	-0.5	+0.5	+0.29	+0.43	-9	+84	+89	+87	+87	+1.1	+1.1	+1.1	+0.5	+0.29	+0.43	-9	+84	+89	+87			
90%	-3.8	-3.1	-1.0	-1.0	+6.1	+32	+61	+78	+64	+9	+0.7	-0.9	+1.5	-1.4	-1.6	-0.7	+0.3	+0.35	+0.49	-11	+78	+86	+83	+1.5	-1.4	-1.6	-0.7	+0.3	+0.35	+0.49	-11	+78	+86	+83	+83	+1.1	+1.1	+1.1	+0.3	+0.35	+0.49	-11	+78	+86	+83			
95%	-5.1	-4.1	-0.2	-0.2	+6.7	+29	+56	+71	+57	+7	+0.4	+0.3	+0.7	-1.8	-2.1	-1.0	+0.1	+0.43	+0.59	-15	+66	+79	+75	+0.7	-1.8	-2.1	-1.0	+0.1	+0.43	+0.59	-15	+66	+79	+75	+75	+1.1	+1.1	+1.1	+0.1	+0.43	+0.59	-15	+66	+79	+75			
99%	-8.0	-6.2	+1.5	+1.5	+7.8	+22	+46	+55	+42	+5	-0.2	+2.7	-0.7	-2.5	-3.0	-1.6	-0.3	+0.57	+0.78	-21	+41	+66	+55	-0.7	-2.5	-3.0	-1.6	-0.3	+0.57	+0.78	-21	+41	+66	+55	+55	+1.1	+1.1	+1.1	-0.3	+0.57	+0.78	-21	+41	+66	+55			


* The percentile bands represent the distribution of EBVs across the 2014 drop Angus and Angus influenced animals analysed in the September 2016 Trans Tasman Angus BREEDPLAN genetic evaluation



EBVS: WHAT ARE THEY, HOW TO USE THEM

Estimated Breeding Values (EBVs) are predictions of an animal's genetic merit, based on available performance data or the individual and its relatives.

EBVs are expressed in the units of measurement for each particular trait. They are shown as +ive or -ive differences from the breed base. As the breed base is set to a historical benchmark, the average EBVs of animals in each year drop has changed over time as a result of genetic change within the breed. The current breed averages are shown below. These averages provide a useful benchmark for comparing EBVs for animals.

	September 2015 Angus Australia BREEDPLAN										
	Calving Ease Dir	Calving Ease Dtrs	Gest Length (days)	Birth Wt (kg)	200 Day Wt (kg)	400 Day Wt (kg)	600 Day Wt (kg)	Mature Cow Wt (kg)	Milk (kg)	Days to Calving	Scrotal
	-0.3	-0.02	-3.0	+4.5	+40	+73	+95	+84	+13	-3.5	+1.5

Carc Wt (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	NFI-p (kg/d)	NFI-F (kg/d)	Doc-ility (trial)	Angus Breeding	Dome- stic	Heavy Grain	Heavy Grass
+53	+3.8	-0.2	-0.3	+0.2	+1.3	+0.07	+0.13	+3	+\$98	+\$98	+\$98	+\$98

CALVING EASE TRAITS

CALVING EASE (DIR) EBVS estimates of genetic differences between animals in the ability of their calves from two year old heifers to be born unassisted. Higher, more +ve, Calving Ease (DIR) EBVs are more favourable.

CALVING EASE (DTRS) EBVS estimates of genetic differences between animals in the ability of their two year old daughters to calve without assistance. Higher, more +ve, Calving Ease (DTRS) EBVs are more favourable.

GESTATION LENGTH EBVS estimates of genetic differences between animals in the number of days from the date of conception until the calf birth date. Lower more -ve, Gestation Length EBVs are generally more favourable.

BIRTH WT EBVS estimates of genetic differences between animals in kg of calf birth weight. Calf birth weight is the biggest contributing factor causing calving difficulty in heifers. While low Birth Wt EBVs are favoured for calving ease they are also often associated with lower growth potential. Small, or moderate, Birth Wt EBVs are more favourable.

FERTILITY TRAITS

DAYS TO CALVING (DC) EBVS estimates of genetic differences between animals in female fertility, expressed as the number of days from the start of the joining period until subsequent calving. Females with shorter DC EBVs tend to commence cycling earlier after calving and conceive earlier in the joining period. They also tend to attain puberty at a younger age as heifers. Lower, or more -ve, Days to Calving EBVs are more favourable.

SCROTAL SIZE EBVS estimates of the genetic differences between animals in scrotal circumference at 400 days of age. Increased scrotal size is associated with increased semen production in bulls, and earlier age at puberty of bull and heifer progeny. Larger, or more +ve, Scrotal Size EBVs are more favourable.

GROWTH TRAITS

200-DAY WT EBVS estimates of the genetic differences between animals in live-weight at 200 days of age. This is a measure of an animal's early growth to weaning. It is an important trait for breeders turning off animals as vealers or weaners.

400-DAY WT EBVS estimates of the genetic differences between animals in live-weight at 400 days of age. This is an important trait for breeders turning off animals as yearlings.

600-DAY WT EBVS estimates of the genetic differences between animals in live-weight at 600 days of age. This is an important trait for breeders targeting the production of animals suited for heavy weight grass finished or grain fed market.

MATERNAL TRAITS

MATURE COW WT EBVS estimates of the genetic differences between animals in cow weight at 5 years of age.

MILK EBVS estimates of the genetic differences between animals in milk production potential, expressed through variation in calf growth performance. Larger, more +ve, or moderate, Milk EBVs can be more favourable, depending on the environment.



CARCASE TRAITS

CARCASE WEIGHT EBVS estimates of the genetic differences between animals in untrimmed hot carcass weight at 750 days of age. Larger, more +ve, Carcass Weight EBVs are more favourable.

EYE MUSCLE AREA (EMA) EBVS estimates of the genetic differences between animals in eye muscle area (cm²) at the 12/13th rib site on a 400kg carcass. EMA has a positive relationship with retail beef yield. Larger, more +ve, EMA EBVs are generally favourable.

RIB FAT EBVS estimates of the genetic differences between animals in fat depth (mm) at the 12/13th rib site, on a 400kg carcass. More positive +ve, or more negative -ve, Rib Fat EBVs may be more favourable, depending on your breeding goals.

RUMP FAT EBVS estimates of genetic differences between animals in fat depth at the P8 rump site on a 400kg carcass. More positive +ve, or more negative -ve, Rump Fat EBVs may be more favourable, depending on your breeding goals.

RETAIL BEEF YIELD % (RBY%) EBVS estimates of genetic differences between animals in percentage retail beef yield in a 400kg carcass.

INTRA-MUSCULAR FAT % (IMF%) EBVS estimates of genetic differences between animals in percentage intra-muscular fat (marbling) in a 400kg carcass.

EFFICIENCY TRAITS

NET FEED INTAKE TRAIL (KG/DAY) estimates of the genetic differences between animals for feed efficiency. NFI is measured either post weaning (NFI-P), in young bulls and heifers, fed at around 300 days of age, or in steers fed at around 560 days in age (NFI-F). Lower, more -ve, NFI EBVs are more favourable.

TEMPERAMENT TRAITS

DOCILITY estimate of genetic differences between animals in temperament. **Docility EBVs** are expressed as differences in percentage of progeny that will be scored with acceptable temperament (ie. either "docile" or "restless"). High, more positive, Docility EBVs are more favourable. For example, a bull with an EBV of +20 would be expected to on average produce 15% more progeny with acceptable temperament than a bull with an EBV of -10.

\$INDEX VALUES

ANGUS BREEDING: estimates the genetic differences between animals in net profitability per cow, joined in a typical commercial self-replacing herd using Angus bulls. This selection index is not specific to a particular production system or market end-point, but identifies animals that will improve overall profitability in the majority of commercial grass and grain finishing beef production systems. The index is particularly suited to commercial producers who sell progeny into different markets, or to seedstock producers supplying bulls to commercial clients who produce for a range of different production systems and market end points.

DOMESTIC: estimates the genetic differences between animals in net profitability per cow joined in a commercial self-replacing herd targeting the domestic supermarket trade, with progeny finished using either grass, grass supplemented by grain or grain finishing systems.

HEAVY GRAIN: estimates the genetic differences between animals in net profitability per cow joined in a commercial self-replacing herd targeting pasture grown steers with a 200 day feedlot finishing period for the grain fed high quality, highly marbled markets.

HEAVY GRASS: estimates the genetic differences between animals in net profitability per cow joined in a commercial self-replacing herd targeting pasture finished heavy steers.

TRAITS OBSERVED

Indicates the traits that have been recorded for a particular animal and are contributing to the EBVs that have been calculated. These will appear directly below the table displaying the animals EBVs.

UNDERSTANDING ACCURACIES

The accuracy associated with an EBV gives an indication of its reliability, and likely extent of its possible change as more information becomes available. As more data becomes available on animals (or its progeny, or relatives) then the accuracy of its EBVs for particular traits will increase. Accuracies are influenced by the heritability of traits and the genetic associations existing between them. For lowly heritable traits, more information is required to achieve a similar accuracy to that of highly heritable traits. Accuracies are expressed as percentages. The higher the percentage, the greater the chance that the EBV is a close estimate of the animal's true genetic merit, and the less likelihood that the EBV will change as more information becomes available.

For more information please contact:

The Angus Society of Australia Locked Bag 11, Armidale NSW 2350

Phone: (02) 6772 3011 Fax: (02) 6772 3095 Email: office@angusaustralia.com.au Website: <http://www.angusaustralia.com.au>



BREEDOBJECT \$INDEX VALUES BY CVS



COOLAC
VET SERVICES

ABN 65002608219

"Riverview" | 188 Crowes Rd Coolac NSW 2727

VETERINARY NEWSLETTER

In November 2014, we saw a change from the old Breedobject \$indexValues for Angus cattle to a new format to reflect the changes within the industry and the breed following considerable consultation with key stakeholders.

The old Breedobject Index were LONG FED CAAB, Heavy grass fed, Short fed domestic and terminal. These have been replaced by Angus Breeding Index, Domestic Index, Heavy Grain Index and Heavy Grass Index. These new index \$ values will be more representative of where our Angus breed fits the industry.

The Angus Breeding Index is a general purpose selection index that is suitable for use in the majority of commercial beef operations whereas the Domestic, Heavy Grain and Heavy Grass selection indexes are specific to beef operations targeting defined production systems and market endpoints.

The following table from the Angus society website www.angusaustralia.com.au is a good summary to improve your understanding. Other tables in this website give you more detailed information on this change such as the weightings given to the respective EBVs to make up this index and the comparison to the other indexes.

With the start of the bull selling season, it is in your best interests to update your knowledge and understanding of these changes. There has been no change to how, when and why we measure the individual traits in the field to define individual EBV traits.

Table 1 : Selection Index Descriptions	
Angus Breeding Index	<ul style="list-style-type: none"> • Self replacing herd • Daughters are retained for breeding • Identifies animals that will improve overall profitability in the majority of commercial grass and grain finishing production systems
Domestic Index	<ul style="list-style-type: none"> • Self replacing herd • Daughters are retained for breeding • Steer progeny finished on either pasture, pasture supplemented with grain, or grain targeting the domestic supermarket trade • Steer progeny slaughtered at a carcass weight of 270 kg at 16 months of age • Eating quality traits important to suit MSA program
Heavy Grain Index	<ul style="list-style-type: none"> • Self replacing herd • Daughters are retained for breeding • Steer progeny pasture grown with a 200 day feedlot finishing period • Steer progeny slaughtered at a carcass weight of 420 kg at 24 months of age • Targeting high quality, highly marbled markets with a significant premium for superior marbling
Heavy Grass Index	<ul style="list-style-type: none"> • Self replacing herd • Daughters are retained for breeding • Steer progeny finished on pasture • Steer progeny slaughtered at a carcass weight of 340 kg at 22 months of age • Eating quality traits important to suit MSA program



RECESSIVE GENETIC CONDITIONS

IMPORTANT INFORMATION FOR BULL BUYERS

This is information for bull buyers about the recessive genetic conditions, Arthrogyrosis Multiplex (AM), Hydrocephalus (NH), Contractural Arachnodactyly (CA) and Developmental Duplications (DD).

Putting undesirable Genetic Recessive Conditions in perspective:

All animals, including humans, carry single copies (alleles) of undesirable or “broken” genes. In single copy form, these undesirable alleles usually cause no harm to the individual. But when animals carry 2 copies of certain undesirable or “broken” alleles it often results in bad consequences. Advances in genomics have facilitated the development of accurate diagnostic tests to enable the identification and management of numerous undesirable or “broken” genes. Angus Australia is proactive in providing its members and their clients with relevant tools and information to assist them in the management of known undesirable genes and our members are leading the industry in their use of this technology.

Key point: With today’s DNA tools, undesirable genetic conditions can be managed!

What are AM, NH, CA and DD?

AM, NH, CA and DD are all recessive conditions caused by “broken” alleles within the DNA of individual animals. When a calf inherits 2 copies of the AM or NH alleles their development is so adversely affected that they will be still-born.

In other cases, such as CA and DD, calves carrying 2 copies of the broken allele may reach full-term. In such cases the animal may either appear relatively normal, or show physical symptoms that affect their health and/or performance.

Key point: The number of reported observations of AM, NH, CA and DD calves is very low and there is certainly no need for panic.

How are the conditions inherited?

Research in the U.S. and Australia indicates that AM, NH, CA and DD are simply inherited recessive conditions. This means that a single gene (or pair of alleles) controls the condition. For this mode of inheritance two copies of the undesirable allele need to be present before the condition is seen; in which case you may get an abnormal calf. A more common example of a trait with a simple recessive pattern of inheritance is black and red coat colour.

Animals with only one copy of the undesirable allele (and one copy of the normal form of the allele) appear normal and are known as “carriers”.

What happens when carriers are mated to other animals?

Carriers, will on average, pass the undesirable allele to a random half (50 %) of their progeny.

When a carrier bull and carrier cow is mated, there is a 25% chance that the resultant calf will inherit two normal alleles, a 50% chance that the mating will result in a carrier (i.e. with just 1 copy of the undesirable allele), and a 25% chance that the calf will inherit two copies of the undesirable gene.

If animals tested free of the undesirable gene are mated to carrier animals the condition will not be expressed at all. All calves will appear normal, but approximately half (50%) could be expected to be carriers.

Key point: For the condition to be expressed the undesirable gene needs to be present on both sides of the pedigree and both the sire and dam need to be a carrier.



How is the genetic status of animals reported?

DNA-based diagnostic tests have been developed which can be used to determine whether an individual animal is either a carrier or free of the alleles resulting in AM, NH, CA or DD.

Angus Australia uses advanced software to calculate the probability of (untested) animals to being carriers of AM, NH, CA or DD. The software uses the test results of any relatives in the calculations and the probabilities may change as new results for additional animals become available.

The genetic status of animals is being reported using five categories:

AMF	Tested AM free
AMFU	Based on pedigree AM free – Animal has not been tested
AM__%	__% probability the animal is an AM carrier
AMC	Tested AM-Carrier
AMA	AM-Affected

For NH, CA and DD, simply replace AM in the above table with NH, CA or DD.

Registration certificates and the Angus Australia web-database display these codes. This information is displayed on the animal details page and can be accessed by conducting an "Animal Search" from the Angus Australia website or looking up individual animals listed in a sale catalogue.

Key point: The genetic status of an animal is subject to change and will be re-analysed and adjusted each week as DNA test results of relatives are received.

Implications for Commercial Producers

Your decision on the importance of the genetic condition status of replacement bulls should depend on the genetics of your cow herd (which bulls you previously used) and whether some female progeny will be retained or sold as breeders.


Most Angus breeders are proactive and transparent in managing known genetic conditions, endeavouring to provide the best information available. The greatest risk to the commercial sector from undesirable genetic recessive conditions comes from unregistered bulls with unknown genetic background. The genetic condition testing that Angus Australia seedstock producers are investing in provides buyers of registered Angus bulls with unmatched quality assurance.

For further information contact Angus Australia's Breed Development and Innovation Manager at (02) 6773 4602.



2016 BONGONGO ANGUS BULL SALE LOTS

Lot 1 BONGONGO K696 (APR) (AI) NGXK696
Verified to Sire
 Calved: 06/09/2014 **Tattoo:** GX K696 (T&F) **Genetic Status:** AMFU NHFU CAFU DDC **Reg'n Level:** APR
 SCHURRTOP REALITY X723 ARDROSSAN ADMIRAL A2 (AI) (ET)
SIRE: NZE14647008839 MATAURI REALITY 839 **DAM:** NGXE46 BONGONGO E46 (APR) (AI)
 MATAURI 06663 BONGONGO X127 (APR) (AI) (ET)


September 2016 Angus Australia BREEDPLAN																
	Birth Weight (kg)	200 Day Weight (kg)	400 Day Weight (kg)	600 Day Weight (kg)	MCW (kg)	Milk (kg)	Scrotal Size (cm)	CWT (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBY %	IMF %	NFI-P (kg/day)	NFI-F (kg/day)	Docility
EBV	+4.4	+44	+81	+109	+93	+18	+2.7	+62	+4.6	+0.9	-0.9	-0.3	+2.0	+0.28	+0.49	--
ACC	76%	72%	71%	74%	73%	64%	72%	64%	59%	63%	60%	53%	57%	44%	45%	

Traits Observed: GL,CE,BWT,200WT,Genomics

BREEDOBJECT \$INDEX VALUES			
Angus Breeding	Heavy Grass	Domestic	Heavy Grain
+\$108	+\$106	+\$102	+\$112

Purchaser \$

Lot 2 BONGONGO K995 NGXK995
Verified to Sire
 Calved: 01/10/2014 **Tattoo:** GX K995 (T&F) **Genetic Status:** AMFU NHFU CAFU DDF **Reg'n Level:** HBR
 CARABAR DOCKLANDS D62 (AI) BONGONGO B300
SIRE: AHWH11 ABERDEEN ESTATE HARPER H11 (AI) **DAM:** NGXD243 BONGONGO D243
 KANSAS ANNIE C11 (AI) (ET) BONGONGO B500 (AI)


September 2016 Angus Australia BREEDPLAN																
	Birth Weight (kg)	200 Day Weight (kg)	400 Day Weight (kg)	600 Day Weight (kg)	MCW (kg)	Milk (kg)	Scrotal Size (cm)	CWT (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBY %	IMF %	NFI-P (kg/day)	NFI-F (kg/day)	Docility
EBV	+3.6	+36	+66	+92	+79	+18	+1.8	+47	+7.6	-2.1	-1.7	+1.7	+1.1	-0.02	+0.11	--
ACC	76%	69%	68%	70%	71%	58%	67%	60%	50%	57%	53%	44%	47%	34%	34%	

Traits Observed: CE,BWT,200WT,Genomics

BREEDOBJECT \$INDEX VALUES			
Angus Breeding	Heavy Grass	Domestic	Heavy Grain
+\$109	+\$107	+\$104	+\$109

Purchaser \$

Lot 3 BONGONGO K671 (APR) (AI) NGXK671
Verified to Sire
 Calved: 02/09/2014 **Tattoo:** GX K671 (T&F) **Genetic Status:** AMFU NHFU CAFU DDF **Reg'n Level:** APR
 BT CROSSOVER 758N H S A F BANDO 1961
SIRE: USA16262077 SILVEIRAS CONVERSION 8064 **DAM:** NGXE220 BONGONGO E220 (APR) (AI)
 EXG SARAS DREAM S609 R3 BONGONGO C327 (APR) (AI)


September 2016 Angus Australia BREEDPLAN																
	Birth Weight (kg)	200 Day Weight (kg)	400 Day Weight (kg)	600 Day Weight (kg)	MCW (kg)	Milk (kg)	Scrotal Size (cm)	CWT (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBY %	IMF %	NFI-P (kg/day)	NFI-F (kg/day)	Docility
EBV	+6.3	+57	+94	+118	+97	+15	+1.2	+74	+7.2	-0.9	-0.4	+1.3	+0.8	+0.10	+0.00	--
ACC	76%	71%	71%	72%	72%	71%	62%	62%	57%	61%	57%	49%	53%	36%	37%	

Traits Observed: GL,CE,BWT,200WT,Genomics

BREEDOBJECT \$INDEX VALUES			
Angus Breeding	Heavy Grass	Domestic	Heavy Grain
+\$108	+\$111	+\$109	+\$101

Purchaser \$

Lot 4 BONGONGO K630 (AI) NGXK630
Verified to Sire
 Calved: 02/09/2014 **Tattoo:** GX K630 (T&F) **Genetic Status:** AMFU NHFU CAFU DDF **Reg'n Level:** HBR
 BT CROSSOVER 758N BONGONGO A59 (AI) (ET)
SIRE: USA16262077 SILVEIRAS CONVERSION 8064 **DAM:** NGXF040 BONGONGO F040
 EXG SARAS DREAM S609 R3 BONGONGO D59 (AI)

September 2016 Angus Australia BREEDPLAN																
	Birth Weight (kg)	200 Day Weight (kg)	400 Day Weight (kg)	600 Day Weight (kg)	MCW (kg)	Milk (kg)	Scrotal Size (cm)	CWT (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBY %	IMF %	NFI-P (kg/day)	NFI-F (kg/day)	Docility
EBV	+5.9	+51	+86	+107	+98	+14	+1.5	+64	+8.9	-1.6	-0.8	+1.0	+1.9	+0.25	+0.14	--
ACC	76%	71%	70%	72%	72%	62%	70%	62%	56%	61%	56%	48%	53%	36%	38%	

Traits Observed: GL,CE,BWT,200WT,Genomics

BREEDOBJECT \$INDEX VALUES			
Angus Breeding	Heavy Grass	Domestic	Heavy Grain
+\$111	+\$108	+\$109	+\$116

Purchaser \$



2016 BONGONGO ANGUS BULL SALE LOTS

Lot 5 BONGONGO K760 (AI)

NGXK760

Verified to Mating

Calved: 02/09/2014 Tattoo: GX K760 (T&F) Genetic Status: AMFU NHFU CAFU DDFU Reg'n Level: HBR

TUWHARETOA REGENT D145 (AI) (ET)

BR MIDLAND


SIRE: NJWG279 MILWILLAH GATSBY G279 (AI)

DAM: NGXC309 BONGONGO C309 (AI) (ET)

MILWILLAH LOWAN D112 (AI)

NARRANGULLEN KATIE Q70 (AI)

September 2016 Angus Australia BREEDPLAN

	Birth Weight (kg)	200 Day Weight (kg)	400 Day Weight (kg)	600 Day Weight (kg)	MCW (kg)	Milk (kg)	Scrotal Size (cm)	CWT (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV %	IMF %	NFI-P (kg/day)	NFI-F (kg/day)	Docility
EBV	+4.9	+44	+74	+94	+82	+11	+1.3	+59	+7.3	+3.2	+4.1	-1.3	+3.4	+0.69	+0.74	--
ACC	76%	72%	71%	73%	72%	61%	72%	63%	58%	62%	59%	51%	55%	43%	43%	

Traits Observed: GL,CE,BWT,200WT,Genomics

BREEDOBJECT \$INDEX VALUES

Angus Breeding	Heavy Grass	Domestic	Heavy Grain
+\$115	+\$110	+\$105	+\$124

Purchaser \$

Lot 6 BONGONGO K992 (APR) (AI)

NGXK992

Verified to Sire

Calved: 05/09/2014 Tattoo: GX K992 (T&F) Genetic Status: AMFU NHFU CAFU DDF Reg'n Level: APR

TUWHARETOA REGENT D145 (AI) (ET)

RENNYLEA B77 (APR) (AI) (ET)


SIRE: NJWG279 MILWILLAH GATSBY G279 (AI)

DAM: NGXD65 BONGONGO D65 (APR) (AI)

MILWILLAH LOWAN D112 (AI)

BONGONGO W119 (APR) (AI)

September 2016 Angus Australia BREEDPLAN

	Birth Weight (kg)	200 Day Weight (kg)	400 Day Weight (kg)	600 Day Weight (kg)	MCW (kg)	Milk (kg)	Scrotal Size (cm)	CWT (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV %	IMF %	NFI-P (kg/day)	NFI-F (kg/day)	Docility
EBV	+4.4	+40	+72	+97	+78	+18	+2.3	+58	+5.5	+1.9	+1.9	-0.9	+3.5	+0.59	+0.62	--
ACC	76%	72%	71%	74%	72%	60%	71%	62%	57%	62%	59%	51%	55%	42%	42%	

Traits Observed: GL,CE,BWT,200WT,Genomics

BREEDOBJECT \$INDEX VALUES

Angus Breeding	Heavy Grass	Domestic	Heavy Grain
+\$117	+\$108	+\$102	+\$132

Purchaser \$

Lot 7 BONGONGO K738 (AI)

NGXK738

Verified to Mating

Calved: 02/09/2014 Tattoo: GX K738 (T&F) Genetic Status: AMFU NHFU CAFU DDFU Reg'n Level: HBR

TUWHARETOA REGENT D145 (AI) (ET)

BONGONGO BULLETPROOF Z3 (AI)


SIRE: NJWG279 MILWILLAH GATSBY G279 (AI)

DAM: NGXC447 BONGONGO C447 (AI)

MILWILLAH LOWAN D112 (AI)

BONGONGO Y376 (AI) (ET)

September 2016 Angus Australia BREEDPLAN

	Birth Weight (kg)	200 Day Weight (kg)	400 Day Weight (kg)	600 Day Weight (kg)	MCW (kg)	Milk (kg)	Scrotal Size (cm)	CWT (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV %	IMF %	NFI-P (kg/day)	NFI-F (kg/day)	Docility
EBV	+3.8	+44	+78	+107	+85	+23	+1.1	+61	+5.7	-0.5	-0.1	-0.4	+3.8	+0.45	+0.38	--
ACC	76%	72%	71%	73%	72%	59%	71%	62%	58%	62%	59%	51%	55%	43%	44%	

Traits Observed: GL,CE,BWT,200WT,Genomics

BREEDOBJECT \$INDEX VALUES

Angus Breeding	Heavy Grass	Domestic	Heavy Grain
+\$133	+\$121	+\$113	+\$155

Purchaser \$

Lot 8 BONGONGO K445 (APR)

NGXK445

Verified to Sire

Calved: 26/08/2014 Tattoo: GX K445 (T&F) Genetic Status: AMFU NHFU CAFU DDF Reg'n Level: APR

VERMONT DRAMBUIE D057 (AI) (ET)

BONGONGO C496 (AI) (ET)


SIRE: NGXH145 BONGONGO H145 (AI) (ET)

DAM: NGXG96 BONGONGO G96 (APR)

BONGONGO B602 (AI) (ET)

BONGONGO U36

September 2016 Angus Australia BREEDPLAN

	Birth Weight (kg)	200 Day Weight (kg)	400 Day Weight (kg)	600 Day Weight (kg)	MCW (kg)	Milk (kg)	Scrotal Size (cm)	CWT (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV %	IMF %	NFI-P (kg/day)	NFI-F (kg/day)	Docility
EBV	+4.6	+45	+78	+100	+81	+14	+3.9	+55	+6.8	+0.5	+1.6	-0.2	+2.3	+0.13	+0.02	--
ACC	74%	68%	66%	70%	70%	57%	66%	58%	49%	56%	52%	42%	46%	34%	34%	

Traits Observed: CE,BWT,200WT,Genomics

BREEDOBJECT \$INDEX VALUES

Angus Breeding	Heavy Grass	Domestic	Heavy Grain
+\$113	+\$111	+\$107	+\$117

Purchaser \$



2016 BONGONGO ANGUS BULL SALE LOTS

Lot 9 BONGONGO K464 (APR)

NGXK464

Verified to Sire

Calved: 28/08/2014 Tattoo: GX K464 (T&F) Genetic Status: AMFU NHFU CAFU DDF Reg'n Level: APR
 RENNYLEA B77 (APR) (AI) (ET) BONGONGO E194 (AI) (ET)
 SIRE: NGXF411 BONGONGO F411 (APR) (AI) (ET) DAM: NGXG436 BONGONGO G436
 COMFORT HILL BEEAC Z90 (AI) (ET) BONGONGO W35 (AI)

September 2016 Angus Australia BREEDPLAN

Angus	Birth Weight (kg)	200 Day Weight (kg)	400 Day Weight (kg)	600 Day Weight (kg)	MCW (kg)	Milk (kg)	Scrotal Size (cm)	CWT (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBY %	IMF %	NFI-P (kg/day)	NFI-F (kg/day)	Docility
EBV	+3.1	+36	+66	+88	+64	+21	+0.6	+53	+4.5	-0.3	-1.4	+0.0	+2.5	+0.15	+0.20	--
ACC	75%	69%	68%	70%	71%	58%	68%	60%	52%	57%	54%	45%	47%	36%	36%	

Traits Observed: CE,BWT,200WT,Genomics

BREEDOBJECT \$INDEX VALUES

Angus Breeding	Heavy Grass	Domestic	Heavy Grain
+\$106	+\$101	+\$100	+\$114

Purchaser \$

Lot 10 BONGONGO K729 (APR)

NGXK729

Verified to Sire

Calved: 02/10/2014 Tattoo: GX K729 (T&F) Genetic Status: AMFU NHFU CAFU DDF Reg'n Level: APR
 RENNYLEA B101 (APR) (AI) (ET) RENNYLEA C510 (APR) (AI) (ET)
 SIRE: NGXG53 BONGONGO G53 (APR) (AI) DAM: NGXF601 BONGONGO F601 (APR) (AI)
 BONGONGO NGXA444 (APR) BONGONGO Y293 (APR) (AI) (ET)

September 2016 Angus Australia BREEDPLAN

Angus	Birth Weight (kg)	200 Day Weight (kg)	400 Day Weight (kg)	600 Day Weight (kg)	MCW (kg)	Milk (kg)	Scrotal Size (cm)	CWT (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBY %	IMF %	NFI-P (kg/day)	NFI-F (kg/day)	Docility
EBV	+2.5	+37	+69	+96	+60	+20	+2.7	+50	+6.4	+0.7	+0.1	+0.3	+2.7	+0.15	+0.29	--
ACC	76%	69%	68%	70%	71%	59%	68%	60%	51%	57%	53%	44%	47%	35%	36%	

Traits Observed: CE,BWT,200WT,Genomics

BREEDOBJECT \$INDEX VALUES

Angus Breeding	Heavy Grass	Domestic	Heavy Grain
+\$121	+\$116	+\$109	+\$131

Purchaser \$

Lot 11 BONGONGO K564 (APR)

NGXK564

Verified to Sire

Calved: 18/09/2014 Tattoo: GX K564 (T&F) Genetic Status: AMFU NHF CAFU DDC Reg'n Level: APR
 RENNYLEA EDMUND E11 (AI) (ET) THE GRANGE RIGHT TIME D95 (AI) (ET)
 SIRE: NGXH257 BONGONGO H257 (AI) DAM: NGXG51 BONGONGO G51 (APR)
 BONGONGO F271 (AI) BONGONGO E117 (APR)

September 2016 Angus Australia BREEDPLAN

Angus	Birth Weight (kg)	200 Day Weight (kg)	400 Day Weight (kg)	600 Day Weight (kg)	MCW (kg)	Milk (kg)	Scrotal Size (cm)	CWT (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBY %	IMF %	NFI-P (kg/day)	NFI-F (kg/day)	Docility
EBV	+2.7	+39	+73	+95	+64	+16	+1.7	+55	+5.8	+1.0	+0.8	+0.3	+3.0	+0.18	+0.44	--
ACC	73%	67%	66%	69%	70%	57%	66%	58%	50%	56%	52%	42%	46%	35%	35%	

Traits Observed: CE,BWT,200WT,Genomics

BREEDOBJECT \$INDEX VALUES

Angus Breeding	Heavy Grass	Domestic	Heavy Grain
+\$122	+\$116	+\$113	+\$134

Purchaser \$

Lot 12 BONGONGO K996 (APR)

NGXK996

Verified to Sire

Calved: 01/10/2014 Tattoo: GX K996 (T&F) Genetic Status: AMFU NHFU CAF DDF Reg'n Level: APR
 RENNYLEA C574 (APR) (AI) (ET) BON VIEW NEW DESIGN 1407
 SIRE: NGXF165 BONGONGO F165 (APR) (AI) DAM: NGXD22 BONGONGO D22 (AI) (ET)
 BONGONGO D437 (APR) (AI) BONGONGO NGXX9 (AI)

September 2016 Angus Australia BREEDPLAN

Angus	Birth Weight (kg)	200 Day Weight (kg)	400 Day Weight (kg)	600 Day Weight (kg)	MCW (kg)	Milk (kg)	Scrotal Size (cm)	CWT (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBY %	IMF %	NFI-P (kg/day)	NFI-F (kg/day)	Docility
EBV	+0.8	+37	+69	+98	+68	+26	+1.9	+51	+6.8	-0.2	+0.5	-0.1	+2.8	+0.12	+0.26	--
ACC	74%	67%	67%	69%	70%	59%	68%	60%	52%	57%	54%	46%	49%	40%	41%	

Traits Observed: CE,BWT,200WT,Genomics

BREEDOBJECT \$INDEX VALUES

Angus Breeding	Heavy Grass	Domestic	Heavy Grain
+\$124	+\$118	+\$108	+\$134

Dam D22 is full sister Bongonogo Bulletproof

Purchaser \$



2016 BONGONGO ANGUS BULL SALE LOTS

Lot 13 BONGONGO L2 (AI) (ET)

NGXL2

Verified to Mating

Calved: 09/01/2015 Tattoo: GX L2 (T&F) Genetic Status: AM50% NHFU CAFU DDFU Reg'n Level: HBR
 TUWHARETOA REGENT D145 (AI) (ET) RENNYLEA B101 (APR) (AI) (ET)
SIRE: NENG220 KAROO D145 GENERATOR G220 (AI) DAM: BNAD4 TUWHARETOA D4 (APR)
 KAROO WILCOOLA B15 (AI) (ET) TUWHARETOA B175 (APR) (AI) (ET)

September 2016 Angus Australia BREEDPLAN

Angus	Birth Weight (kg)	200 Day Weight (kg)	400 Day Weight (kg)	600 Day Weight (kg)	MCW (kg)	Milk (kg)	Scrotal Size (cm)	CWT (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBY %	IMF %	NFI-P (kg/day)	NFI-F (kg/day)	Docility
EBV	+2.4	+34	+67	+94	+66	+21	+1.7	+53	+3.8	+5.1	+5.7	-2.3	+3.8	+0.56	+0.72	--
ACC	76%	70%	70%	72%	71%	61%	71%	62%	57%	62%	59%	51%	55%	42%	42%	

Traits Observed: BWT,200WT,600WT,SS,FAT,EMA,IMF,Genomics

Full Brother to LOT 14

BREEDOBJECT \$INDEX VALUES

Angus Breeding	Heavy Grass	Domestic	Heavy Grain
+\$125	+\$116	+\$102	+\$139

Purchaser \$

Lot 14 BONGONGO L10 (APR) (AI) (ET)

NGXL10

Verified to Mating

Calved: 12/01/2015 Tattoo: GX L10 (T&F) Genetic Status: AMC NHFU CAFU DDFU Reg'n Level: APR
 TUWHARETOA REGENT D145 (AI) (ET) RENNYLEA B101 (APR) (AI) (ET)
SIRE: NENG220 KAROO D145 GENERATOR G220 (AI) DAM: BNAD4 TUWHARETOA D4 (APR)
 KAROO WILCOOLA B15 (AI) (ET) TUWHARETOA B175 (APR) (AI) (ET)

September 2016 Angus Australia BREEDPLAN

Angus	Birth Weight (kg)	200 Day Weight (kg)	400 Day Weight (kg)	600 Day Weight (kg)	MCW (kg)	Milk (kg)	Scrotal Size (cm)	CWT (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBY %	IMF %	NFI-P (kg/day)	NFI-F (kg/day)	Docility
EBV	+2.6	+34	+66	+89	+61	+20	+2.0	+52	+4.1	+4.6	+5.0	-2.3	+3.8	+0.56	+0.71	--
ACC	70%	68%	69%	70%	69%	61%	70%	60%	57%	62%	59%	51%	55%	42%	42%	

Traits Observed: BWT,400WT,600WT,SS,FAT,EMA,IMF,Genomics

Full Brother to LOT 13

BREEDOBJECT \$INDEX VALUES

Angus Breeding	Heavy Grass	Domestic	Heavy Grain
+\$119	+\$110	+\$100	+\$131

Purchaser \$

Lot 15 BONGONGO L6 (AI) (ET)

NGXL6

Verified to Mating

Calved: 12/01/2015 Tattoo: GX L6 (T&F) Genetic Status: AMFU NHFU CAFU DDFU Reg'n Level: HBR
 TUWHARETOA REGENT D145 (AI) (ET) C A FUTURE DIRECTION 5321
SIRE: NENG220 KAROO D145 GENERATOR G220 (AI) DAM: NGXX9 BONGONGO NGXX9 (AI)
 KAROO WILCOOLA B15 (AI) (ET) BONGONGO V9 (AI)

September 2016 Angus Australia BREEDPLAN

Angus	Birth Weight (kg)	200 Day Weight (kg)	400 Day Weight (kg)	600 Day Weight (kg)	MCW (kg)	Milk (kg)	Scrotal Size (cm)	CWT (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBY %	IMF %	NFI-P (kg/day)	NFI-F (kg/day)	Docility
EBV	+3.3	+39	+65	+95	+67	+21	-0.8	+54	+5.9	+2.1	+2.6	-0.8	+2.2	+0.28	+0.29	--
ACC	77%	72%	73%	74%	73%	65%	73%	65%	61%	65%	63%	56%	59%	49%	49%	

Traits Observed: BWT,200WT,600WT,SS,FAT,EMA,IMF,Genomics

POTENTIAL STUD SIRE. Last calf of Bongongo X9, dam of Bulletproof and an outstanding cow.

BREEDOBJECT \$INDEX VALUES

Angus Breeding	Heavy Grass	Domestic	Heavy Grain
+\$113	+\$111	+\$98	+\$113

Purchaser \$

Lot 16 BONGONGO L7 (APR)

NGXL7

Verified to Sire

Calved: 06/01/2015 Tattoo: GX L7 (T&F) Genetic Status: AMFU NHFU CAF DDF Reg'n Level: APR
 TUWHARETOA REGENT D145 (AI) (ET) BONGONGO B24 (AI) (ET)
SIRE: BHRH264 DUNOON HOLLISTER H264 (AI) DAM: NGXE103 BONGONGO E103 (APR)
 DUNOON PRINCESS E099 (AI) (ET) BONGONGO V163 (APR)

September 2016 Angus Australia BREEDPLAN

Angus	Birth Weight (kg)	200 Day Weight (kg)	400 Day Weight (kg)	600 Day Weight (kg)	MCW (kg)	Milk (kg)	Scrotal Size (cm)	CWT (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBY %	IMF %	NFI-P (kg/day)	NFI-F (kg/day)	Docility
EBV	+4.9	+42	+75	+101	+90	+15	+0.7	+62	+5.9	+0.5	-1.0	-0.1	+3.0	+0.19	+0.30	--
ACC	68%	65%	68%	72%	71%	58%	72%	60%	55%	60%	58%	48%	50%	39%	38%	

Traits Observed: BWT,200WT,600WT,SS,FAT,EMA,IMF,Genomics

BREEDOBJECT \$INDEX VALUES

Angus Breeding	Heavy Grass	Domestic	Heavy Grain
+\$108	+\$102	+\$100	+\$121

Purchaser \$



2016 BONGONGO ANGUS BULL SALE LOTS

Lot 17 BONGONGO L8 (AI) (ET)

NGXL8

Verified to Sire

Calved: 14/01/2015 Tattoo: GX L8 (T&F) Genetic Status: AMFU NHFU CAFU DDFU Reg'n Level: HBR
 SCHURRTOP REALITY X723 SITZ UPWARD 307R
 SIRE: NZE14647008839 MATAURI REALITY 839 DAM: AHWG106 ABERDEEN ESTATE Y5 SHELLY G106(AI)
 MATAURI 06663 TUWHARETOA E159 (AI) (ET)

September 2016 Angus Australia BREEDPLAN

Angus	Birth Weight (kg)	200 Day Weight (kg)	400 Day Weight (kg)	600 Day Weight (kg)	MCW (kg)	Milk (kg)	Scrotal Size (cm)	CWT (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV %	IMF %	NFI-P (kg/day)	NFI-F (kg/day)	Docility
EBV	+2.5	+45	+84	+103	+65	+21	+2.9	+57	+5.3	+2.5	+1.7	-0.2	+2.3	+0.38	+0.49	--
ACC	74%	70%	71%	73%	72%	62%	72%	63%	58%	62%	59%	52%	56%	42%	43%	

Traits Observed: BWT,400WT,600WT,SS,FAT,EMA,IMF,Genomics

POTENTIAL STUD SIRE. Retain semen share. Entered in Angus Sire Benchmarking Project.

BREEDOBJECT \$INDEX VALUES

Angus Breeding	Heavy Grass	Domestic	Heavy Grain
+\$121	+\$120	+\$117	+\$124

Purchaser \$

Lot 18 BONGONGO L18 (APR) (AI)

NGXL18

Verified to Sire

Calved: 08/03/2015 Tattoo: GX L18 (T&F) Genetic Status: AMFU NHFU CAFU DDF Reg'n Level: APR
 TUWHARETOA REGENT D145 (AI) (ET) BONGONGO F296 (AI) (ET)
 SIRE: NORG255 RENNYLEA G255 (APR) (ET) DAM: NGXJ177 BONGONGO J177 (APR)
 RENNYLEA C490 (APR) (AI) (ET) BONGONGO F006 (APR) (AI)

September 2016 Angus Australia BREEDPLAN

Angus	Birth Weight (kg)	200 Day Weight (kg)	400 Day Weight (kg)	600 Day Weight (kg)	MCW (kg)	Milk (kg)	Scrotal Size (cm)	CWT (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV %	IMF %	NFI-P (kg/day)	NFI-F (kg/day)	Docility
EBV	+5.2	+49	+92	+132	+125	+21	+1.6	+75	+5.0	-1.0	-1.5	-0.1	+3.0	+0.09	+0.11	--
ACC	76%	71%	72%	77%	73%	59%	78%	63%	60%	63%	63%	53%	55%	47%	50%	

Traits Observed: GL,BWT,200WT,600WT,SS,FAT,EMA,IMF,Genomics

BREEDOBJECT \$INDEX VALUES

Angus Breeding	Heavy Grass	Domestic	Heavy Grain
+\$128	+\$119	+\$106	+\$150

Purchaser \$

Lot 19 BONGONGO L15 (APR) (AI)

NGXL15

Calved: 06/03/2015 Tattoo: GX L15 (T&F) Genetic Status: AMFU NHFU CAFU DDF Reg'n Level: APR
 TUWHARETOA REGENT D145 (AI) (ET) ARDROSSAN FAIRFAX F21 (AI)
 SIRE: NORG255 RENNYLEA G255 (APR) (ET) DAM: NGXJ161 BONGONGO J161 (AI)
 RENNYLEA C490 (APR) (AI) (ET) YTHANBRAE NEW DESIGN 036 V650 (AI) (ET)

September 2016 Angus Australia BREEDPLAN

Angus	Birth Weight (kg)	200 Day Weight (kg)	400 Day Weight (kg)	600 Day Weight (kg)	MCW (kg)	Milk (kg)	Scrotal Size (cm)	CWT (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV %	IMF %	NFI-P (kg/day)	NFI-F (kg/day)	Docility
EBV	+3.5	+42	+81	+110	+98	+21	+1.3	+70	+5.6	+0.6	+0.2	+0.1	+2.3	+0.12	+0.28	--
ACC	74%	69%	67%	71%	66%	51%	67%	58%	57%	59%	59%	54%	54%	48%	52%	

Traits Observed: GL,BWT,200WT,600WT,SS,FAT,EMA,IMF

BREEDOBJECT \$INDEX VALUES

Angus Breeding	Heavy Grass	Domestic	Heavy Grain
+\$109	+\$106	+\$101	+\$116

Purchaser \$

Lot 20 BONGONGO L82 (APR) (AI) (ET)

NGXL82

Calved: 26/03/2015 Tattoo: GX L82 (T&F) Genetic Status: AM50% NHFU CAFU DDFU Reg'n Level: APR
 TC TOTAL 410 RENNYLEA B101 (APR) (AI) (ET)
 SIRE: VLYE313 LAWSONS NOVAK E313 (AI) DAM: BNAD4 TUWHARETOA D4 (APR)
 LAWSONS PREDESTINED B770 (AI) (ET) TUWHARETOA B175 (APR) (AI) (ET)

September 2016 Angus Australia BREEDPLAN

Angus	Birth Weight (kg)	200 Day Weight (kg)	400 Day Weight (kg)	600 Day Weight (kg)	MCW (kg)	Milk (kg)	Scrotal Size (cm)	CWT (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV %	IMF %	NFI-P (kg/day)	NFI-F (kg/day)	Docility
EBV	+3.2	+40	+77	+96	+73	+18	+1.8	+54	+3.8	-0.4	-0.1	-0.8	+3.5	+0.19	+0.27	--
ACC	72%	68%	66%	66%	65%	60%	59%	60%	56%	58%	57%	54%	55%	46%	49%	

Traits Observed: BWT,200WT,600WT,FAT,EMA,IMF

Full Brother to LOTS 21,22 & 77

BREEDOBJECT \$INDEX VALUES

Angus Breeding	Heavy Grass	Domestic	Heavy Grain
+\$108	+\$99	+\$100	+\$124


Purchaser \$



2016 BONGONGO ANGUS BULL SALE LOTS

Lot 21 BONGONGO L88 (APR) (AI) (ET) NGXL88 Verified to Mating

Calved: 26/03/2015 Tattoo: GX L88 (T&F) Genetic Status: AMF NHFU CAFU DDFU Reg'n Level: APR
 TC TOTAL 410 RENNYLEA B101 (APR) (AI) (ET)
SIRE: VLYE313 LAWSONS NOVAK E313 (AI) **DAM: BNAD4 TUWHARETOA D4 (APR)**
 LAWSONS PREDESTINED B770 (AI) (ET) TUWHARETOA B175 (APR) (AI) (ET)

September 2016 Angus Australia BREEDPLAN																
	Birth Weight (kg)	200 Day Weight (kg)	400 Day Weight (kg)	600 Day Weight (kg)	MCW (kg)	Milk (kg)	Scrotal Size (cm)	CWT (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBY %	IMF %	NFI-P (kg/day)	NFI-F (kg/day)	Docility
EBV	+3.4	+42	+77	+100	+81	+20	+2.1	+56	+5.2	-0.1	+0.1	-0.8	+3.9	+0.19	+0.24	--
ACC	71%	71%	71%	72%	72%	67%	76%	64%	60%	64%	61%	54%	57%	46%	49%	

Full Brother to LOTS 20,22 &77


Traits Observed: BWT,200WT,600WT,SS,FAT,EMA,IMF,Genomics

BREEDOBJECT \$INDEX VALUES			
Angus Breeding	Heavy Grass	Domestic	Heavy Grain
+\$115	+\$104	+\$102	+\$136

Purchaser \$

Lot 22 BONGONGO L93 (APR) (AI) (ET) NGXL93 Verified to Mating

Calved: 25/03/2015 Tattoo: GX L93 (T&F) Genetic Status: AMF NHFU CAFU DDFU Reg'n Level: APR
 TC TOTAL 410 RENNYLEA B101 (APR) (AI) (ET)
SIRE: VLYE313 LAWSONS NOVAK E313 (AI) **DAM: BNAD4 TUWHARETOA D4 (APR)**
 LAWSONS PREDESTINED B770 (AI) (ET) TUWHARETOA B175 (APR) (AI) (ET)

September 2016 Angus Australia BREEDPLAN																
	Birth Weight (kg)	200 Day Weight (kg)	400 Day Weight (kg)	600 Day Weight (kg)	MCW (kg)	Milk (kg)	Scrotal Size (cm)	CWT (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBY %	IMF %	NFI-P (kg/day)	NFI-F (kg/day)	Docility
EBV	+2.8	+40	+75	+94	+64	+18	+1.5	+51	+4.8	+0.5	+0.9	-0.8	+4.0	+0.19	+0.27	--
ACC	70%	68%	69%	71%	72%	67%	72%	63%	60%	64%	61%	54%	57%	46%	48%	

Full Brother to LOTS 20,21 &77


Traits Observed: BWT,200WT,600WT,SS,FAT,EMA,IMF,Genomics

BREEDOBJECT \$INDEX VALUES			
Angus Breeding	Heavy Grass	Domestic	Heavy Grain
+\$118	+\$107	+\$106	+\$137

Purchaser \$

Lot 23 BONGONGO L144 (AI) NGXL144 Verified to Sire

Calved: 25/03/2015 Tattoo: GX L144 (T&F) Genetic Status: AMFU NHFU CAFU DDFU Reg'n Level: HBR
 TC TOTAL 410 TE MANIA INFINITY 04 379 AB
SIRE: VLYE313 LAWSONS NOVAK E313 (AI) **DAM: NGXF409 BONGONGO F409 (AI) (ET)**
 LAWSONS PREDESTINED B770 (AI) (ET) KENNY'S CREEK WILLOW B747 (AI) (ET)

September 2016 Angus Australia BREEDPLAN																
	Birth Weight (kg)	200 Day Weight (kg)	400 Day Weight (kg)	600 Day Weight (kg)	MCW (kg)	Milk (kg)	Scrotal Size (cm)	CWT (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBY %	IMF %	NFI-P (kg/day)	NFI-F (kg/day)	Docility
EBV	+3.4	+42	+79	+98	+94	+13	+2.4	+53	+0.9	-1.5	+0.0	-0.8	+3.2	+0.10	+0.11	--
ACC	77%	73%	73%	77%	75%	65%	79%	67%	65%	67%	66%	58%	59%	50%	52%	


Traits Observed: GL,BWT,200WT,600WT,SS,FAT,EMA,IMF,Genomics

BREEDOBJECT \$INDEX VALUES			
Angus Breeding	Heavy Grass	Domestic	Heavy Grain
+\$100	+\$92	+\$95	+\$115

Purchaser \$

Lot 24 BONGONGO L133 (APR) (AI) NGXL133 Verified to Sire

Calved: 24/03/2015 Tattoo: GX L133 (T&F) Genetic Status: AMFU NHFU CAFU DDFU Reg'n Level: APR
 TC TOTAL 410 RENNYLEA C574 (APR) (AI) (ET)
SIRE: VLYE313 LAWSONS NOVAK E313 (AI) **DAM: NGXF162 BONGONGO F162 (APR) (AI)**
 LAWSONS PREDESTINED B770 (AI) (ET) BONGONGO D357 (APR) (AI)

September 2016 Angus Australia BREEDPLAN																
	Birth Weight (kg)	200 Day Weight (kg)	400 Day Weight (kg)	600 Day Weight (kg)	MCW (kg)	Milk (kg)	Scrotal Size (cm)	CWT (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBY %	IMF %	NFI-P (kg/day)	NFI-F (kg/day)	Docility
EBV	+3.2	+46	+88	+109	+80	+24	+1.8	+64	+6.4	-0.4	+0.1	-0.4	+2.8	+0.18	+0.05	--
ACC	77%	73%	73%	78%	76%	65%	79%	67%	65%	67%	66%	58%	60%	48%	50%	

Traits Observed: GL,BWT,200WT,600WT,SS,FAT,EMA,IMF,Genomics

BREEDOBJECT \$INDEX VALUES			
Angus Breeding	Heavy Grass	Domestic	Heavy Grain
+\$120	+\$112	+\$109	+\$132

Purchaser \$



2016 BONGONGO ANGUS BULL SALE LOTS

Lot 25 BONGONGO L16 (APR) (AI)

NGXL16

Verified to Sire

Calved: 06/03/2015 Tattoo: GX L16 (T&F) Genetic Status: AMFU NHFU CAF DDFU Reg'n Level: APR
 SCHURRTOP REALITY X723 TE MANIA EMPEROR E343 (AI)
 SIRE: NZE14647008839 MATAURI REALITY 839 DAM: NGXJ169 BONGONGO J169 (APR)
 MATAURI 06663 BONGONGO C99 (APR) (AI)

September 2016 Angus Australia BREEDPLAN

	Birth Weight (kg)	200 Day Weight (kg)	400 Day Weight (kg)	600 Day Weight (kg)	MCW (kg)	Milk (kg)	Scrotal Size (cm)	CWT (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV %	IMF %	NFI-P (kg/day)	NFI-F (kg/day)	Docility
EBV	+2.8	+44	+83	+106	+91	+14	+2.7	+55	+4.3	+3.5	+3.4	-1.6	+2.1	+0.31	+0.37	--
ACC	76%	69%	69%	72%	72%	63%	71%	62%	58%	62%	59%	52%	56%	42%	43%	

Traits Observed: GL,BWT,200WT,600WT,SS,FAT,EMA,IMF,Genomics

BREEDOBJECT \$INDEX VALUES

Angus Breeding	Heavy Grass	Domestic	Heavy Grain
+\$119	+\$118	+\$110	+\$120

Purchaser \$

Lot 26 BONGONGO L19 (AI)

NGXL19

Verified to Sire

Calved: 09/03/2015 Tattoo: GX L19 (T&F) Genetic Status: AMFU NHFU CAFU DDFU Reg'n Level: HBR
 SCHURRTOP REALITY X723 AYRVALE BARTEL E7 (AI) (ET)
 SIRE: NZE14647008839 MATAURI REALITY 839 DAM: NGXJ67 BONGONGO J67 (AI)
 MATAURI 06663 BONGONGO G59 (AI) (ET)

September 2016 Angus Australia BREEDPLAN

	Birth Weight (kg)	200 Day Weight (kg)	400 Day Weight (kg)	600 Day Weight (kg)	MCW (kg)	Milk (kg)	Scrotal Size (cm)	CWT (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV %	IMF %	NFI-P (kg/day)	NFI-F (kg/day)	Docility
EBV	+2.2	+46	+84	+109	+73	+22	+2.5	+65	+7.3	+3.5	+2.8	-1.0	+2.7	+0.40	+0.56	--
ACC	76%	72%	73%	77%	74%	63%	78%	65%	64%	66%	65%	57%	58%	45%	46%	

Traits Observed: GL,BWT,200WT,600WT,SS,FAT,EMA,IMF,Genomics

BREEDOBJECT \$INDEX VALUES

Angus Breeding	Heavy Grass	Domestic	Heavy Grain
+\$128	+\$125	+\$116	+\$132

Purchaser \$

Lot 27 BONGONGO L105 (AI)

NGXL105

Verified to Mating

Calved: 24/03/2015 Tattoo: GX L105 (T&F) Genetic Status: AMC NHF CA1% DDF Reg'n Level: HBR
 RENNYLEA EDMUND E11 (AI) (ET) S A V 5175 BANDO 0699
 SIRE: NAQH255 ARDROSSAN HONOUR H255 (AI) DAM: NGXE96 BONGONGO E96 (AI) (ET)
 ARDROSSAN WILCOOLA D17 (AI) BONGONGO Y65 (APR) (AI) (ET)

September 2016 Angus Australia BREEDPLAN

	Birth Weight (kg)	200 Day Weight (kg)	400 Day Weight (kg)	600 Day Weight (kg)	MCW (kg)	Milk (kg)	Scrotal Size (cm)	CWT (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV %	IMF %	NFI-P (kg/day)	NFI-F (kg/day)	Docility
EBV	+4.7	+44	+82	+105	+88	+15	+1.6	+64	+7.6	+0.0	-0.6	+0.5	+3.3	+0.34	+0.63	--
ACC	77%	72%	73%	77%	73%	59%	78%	64%	60%	63%	63%	53%	54%	43%	43%	

Traits Observed: GL,BWT,200WT,600WT,SS,FAT,EMA,IMF,Genomics

BREEDOBJECT \$INDEX VALUES

Angus Breeding	Heavy Grass	Domestic	Heavy Grain
+\$118	+\$111	+\$110	+\$135

Purchaser \$

Lot 28 BONGONGO L158 (APR) (AI)

NGXL158

Verified to Sire

Calved: 24/03/2015 Tattoo: GX L158 (T&F) Genetic Status: AMF NHFU CAFU DDF Reg'n Level: APR
 RENNYLEA EDMUND E11 (AI) (ET) BONGONGO Z1 (AI)
 SIRE: NAQH255 ARDROSSAN HONOUR H255 (AI) DAM: NGXE579 BONGONGO E579 (APR)
 ARDROSSAN WILCOOLA D17 (AI) BONGONGO NGXA28 (APR) (AI)

September 2016 Angus Australia BREEDPLAN

	Birth Weight (kg)	200 Day Weight (kg)	400 Day Weight (kg)	600 Day Weight (kg)	MCW (kg)	Milk (kg)	Scrotal Size (cm)	CWT (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV %	IMF %	NFI-P (kg/day)	NFI-F (kg/day)	Docility
EBV	+4.4	+47	+87	+112	+103	+14	+2.1	+64	+6.3	-0.7	-0.6	+1.1	+2.4	+0.20	+0.22	--
ACC	77%	72%	73%	77%	74%	59%	77%	64%	60%	64%	63%	53%	54%	41%	41%	

Traits Observed: GL,BWT,200WT,600WT,SS,FAT,EMA,IMF,Genomics

BREEDOBJECT \$INDEX VALUES


Angus Breeding	Heavy Grass	Domestic	Heavy Grain
+\$126	+\$119	+\$117	+\$139

Purchaser \$



2016 BONGONGO ANGUS BULL SALE LOTS

Lot 29 BONGONGO L198 (APR) (AI) NGXL198
Verified to Sire
 Calved: 24/03/2015 Tattoo: GX L198 (T&F) Genetic Status: AMFU NHFU CAF DDF Reg'n Level: APR
 RENNYLEA EDMUND E11 (AI) (ET) RENNYLEA 458N ELVIS E307 (AI)
SIRE: NAQH255 ARDROSSAN HONOUR H255 (AI) **DAM: NGXH123 BONGONGO H123 (APR) (AI)**
 ARDROSSAN WILCOOLA D17 (AI) BONGONGO E13 (APR) (AI)


September 2016 Angus Australia BREEDPLAN																
	Birth Weight (kg)	200 Day Weight (kg)	400 Day Weight (kg)	600 Day Weight (kg)	MCW (kg)	Milk (kg)	Scrotal Size (cm)	CWT (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBY %	IMF %	NFI-P (kg/day)	NFI-F (kg/day)	Docility
EBV	+2.9	+41	+80	+98	+60	+17	+1.3	+56	+7.6	+1.2	+1.1	+0.0	+3.2	+0.43	+0.53	--
ACC	77%	72%	73%	77%	74%	58%	77%	64%	60%	64%	63%	53%	54%	41%	41%	

Traits Observed: GL,BWT,200WT,600WT,SS,FAT,EMA,IMF,Genomics

BREEDOBJECT \$INDEX VALUES			
Angus Breeding	Heavy Grass	Domestic	Heavy Grain
+\$132	+\$124	+\$122	+\$145

Purchaser \$

Lot 30 BONGONGO L170 (APR) (AI) NGXL170
Verified to Sire
 Calved: 23/03/2015 Tattoo: GX L170 (T&F) Genetic Status: AMF NHF CAF DDFU Reg'n Level: APR
 RENNYLEA EDMUND E11 (AI) (ET) TE MANIA EMPEROR E343 (AI)
SIRE: NAQH255 ARDROSSAN HONOUR H255 (AI) **DAM: NGXH107 BONGONGO H107 (APR) (AI)**
 ARDROSSAN WILCOOLA D17 (AI) BONGONGO Z109 (APR) (AI)


September 2016 Angus Australia BREEDPLAN																
	Birth Weight (kg)	200 Day Weight (kg)	400 Day Weight (kg)	600 Day Weight (kg)	MCW (kg)	Milk (kg)	Scrotal Size (cm)	CWT (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBY %	IMF %	NFI-P (kg/day)	NFI-F (kg/day)	Docility
EBV	+2.5	+43	+83	+107	+105	+14	+2.7	+60	+6.4	+1.6	+1.2	+0.1	+3.4	+0.27	+0.46	--
ACC	77%	72%	73%	77%	74%	59%	78%	64%	60%	64%	63%	54%	55%	43%	44%	

Traits Observed: GL,BWT,200WT,600WT,SS,FAT,EMA,IMF,Genomics

BREEDOBJECT \$INDEX VALUES			
Angus Breeding	Heavy Grass	Domestic	Heavy Grain
+\$137	+\$126	+\$122	+\$157

Purchaser \$

Lot 31 BONGONGO L169 (AI) NGXL169
Verified to Sire
 Calved: 24/03/2015 Tattoo: GX L169 (T&F) Genetic Status: AMFU NHFU CAFU DDF Reg'n Level: HBR
 RENNYLEA EDMUND E11 (AI) (ET) BONGONGO E194 (AI) (ET)
SIRE: NAQH255 ARDROSSAN HONOUR H255 (AI) **DAM: NGXG562 BONGONGO G562**
 ARDROSSAN WILCOOLA D17 (AI) COMFORT HILL JEDDA X249 (AI) (ET)


September 2016 Angus Australia BREEDPLAN																
	Birth Weight (kg)	200 Day Weight (kg)	400 Day Weight (kg)	600 Day Weight (kg)	MCW (kg)	Milk (kg)	Scrotal Size (cm)	CWT (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBY %	IMF %	NFI-P (kg/day)	NFI-F (kg/day)	Docility
EBV	+4.4	+39	+73	+93	+90	+11	+1.2	+55	+4.7	+0.0	-0.6	+0.2	+2.7	+0.20	+0.25	--
ACC	76%	71%	72%	76%	73%	57%	77%	63%	59%	63%	62%	52%	53%	41%	41%	

Traits Observed: GL,BWT,200WT,600WT,SS,FAT,EMA,IMF,Genomics

BREEDOBJECT \$INDEX VALUES			
Angus Breeding	Heavy Grass	Domestic	Heavy Grain
+\$104	+\$99	+\$102	+\$115

Purchaser \$

Lot 32 BONGONGO L78 (AI) NGXL78
Verified to Sire
 Calved: 23/03/2015 Tattoo: GX L78 (T&F) Genetic Status: AMFU NHFU CAFU DDF Reg'n Level: HBR
 TC TOTAL 410 BR MIDLAND
SIRE: NHZH2 HAZELDEAN HARLEQUIN H2 (AI) (ET) **DAM: NGXD18 BONGONGO D18 (AI) (ET)**
 HAZELDEAN A90 (AI) COMFORT HILL BEEAC Z90 (AI) (ET)

September 2016 Angus Australia BREEDPLAN																
	Birth Weight (kg)	200 Day Weight (kg)	400 Day Weight (kg)	600 Day Weight (kg)	MCW (kg)	Milk (kg)	Scrotal Size (cm)	CWT (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBY %	IMF %	NFI-P (kg/day)	NFI-F (kg/day)	Docility
EBV	+4.4	+51	+85	+115	+119	+15	+0.8	+63	+5.5	-2.6	-2.2	+0.8	+2.3	-0.11	-0.13	--
ACC	77%	73%	73%	77%	74%	61%	78%	64%	61%	64%	63%	55%	56%	44%	44%	

Traits Observed: GL,BWT,200WT,600WT,SS,FAT,EMA,IMF,Genomics

BREEDOBJECT \$INDEX VALUES			
Angus Breeding	Heavy Grass	Domestic	Heavy Grain
+\$110	+\$106	+\$104	+\$120

Purchaser \$



2016 BONGONGO ANGUS BULL SALE LOTS

Lot 33 BONGONGO L155 (APR) (AI) NGXL155 Verified to Sire

Calved: 10/03/2015 Tattoo: GX L155 (T&F) Genetic Status: AMFU NHFU CAFU DDFU Reg'n Level: APR
 BOOROOMOOKA UNDERTAKEN Y145 R/M IRONSTONE 4047
SIRE: NORE11 RENNYLEA EDMUND E11 (AI) (ET) **DAM: NGXH165 BONGONGO H165 (APR) (AI)**
 LAWSONS HENRY VIII Y5 (AI) BONGONGO F155 (APR) (AI)

September 2016 Angus Australia BREEDPLAN

	Birth Weight (kg)	200 Day Weight (kg)	400 Day Weight (kg)	600 Day Weight (kg)	MCW (kg)	Milk (kg)	Scrotal Size (cm)	CWT (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV %	IMF %	NFI-P (kg/day)	NFI-F (kg/day)	Docility
EBV	+2.7	+43	+76	+101	+75	+17	+2.1	+59	+7.6	+2.3	+1.0	+0.3	+3.5	+0.42	+0.62	--
ACC	76%	73%	73%	77%	76%	65%	79%	67%	64%	66%	65%	58%	59%	49%	51%	

Traits Observed: GL,BWT,200WT,600WT,SS,FAT,EMA,IMF,Genomics

BREEDOBJECT \$INDEX VALUES

Angus Breeding	Heavy Grass	Domestic	Heavy Grain
+\$138	+\$127	+\$121	+\$157

Purchaser \$

Lot 34 BONGONGO L21 (AI) NGXL21 Verified to Sire

Calved: 10/03/2015 Tattoo: GX L21 (T&F) Genetic Status: AMFU NHFU CAFU DDFU Reg'n Level: HBR
 BOOROOMOOKA UNDERTAKEN Y145 ARDROSSAN EQUATOR A241 (AI) (ET)
SIRE: NORE11 RENNYLEA EDMUND E11 (AI) (ET) **DAM: NGXJ167 BONGONGO J167 (AI) (ET)**
 LAWSONS HENRY VIII Y5 (AI) BONGONGO D258 (AI) (ET)

September 2016 Angus Australia BREEDPLAN

	Birth Weight (kg)	200 Day Weight (kg)	400 Day Weight (kg)	600 Day Weight (kg)	MCW (kg)	Milk (kg)	Scrotal Size (cm)	CWT (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV %	IMF %	NFI-P (kg/day)	NFI-F (kg/day)	Docility
EBV	+2.6	+43	+77	+105	+82	+18	+3.1	+63	+5.2	+1.8	+1.4	-0.1	+3.5	+0.33	+0.52	--
ACC	76%	73%	73%	78%	76%	65%	79%	67%	65%	67%	67%	60%	61%	52%	54%	

Traits Observed: GL,BWT,200WT,600WT,SS,FAT,EMA,IMF,Genomics

BREEDOBJECT \$INDEX VALUES

Angus Breeding	Heavy Grass	Domestic	Heavy Grain
+\$137	+\$126	+\$118	+\$156

Purchaser \$

Lot 35 BONGONGO L115 (AI) NGXL115 Verified to Sire

Calved: 08/03/2015 Tattoo: GX L115 (T&F) Genetic Status: AMFU NHFU CAF DDF Reg'n Level: HBR
 BOOROOMOOKA UNDERTAKEN Y145 BONGONGO B24 (AI) (ET)
SIRE: NORE11 RENNYLEA EDMUND E11 (AI) (ET) **DAM: NGXH403 BONGONGO H403**
 LAWSONS HENRY VIII Y5 (AI) BONGONGO E54 (AI) (ET)

September 2016 Angus Australia BREEDPLAN

	Birth Weight (kg)	200 Day Weight (kg)	400 Day Weight (kg)	600 Day Weight (kg)	MCW (kg)	Milk (kg)	Scrotal Size (cm)	CWT (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV %	IMF %	NFI-P (kg/day)	NFI-F (kg/day)	Docility
EBV	+2.7	+48	+83	+113	+96	+18	+3.0	+63	+4.9	+2.4	+1.4	-0.3	+3.1	+0.31	+0.36	--
ACC	76%	72%	73%	77%	76%	64%	78%	67%	63%	65%	65%	57%	58%	49%	51%	

Traits Observed: GL,BWT,200WT,600WT,SS,FAT,EMA,IMF,Genomics

BREEDOBJECT \$INDEX VALUES

Angus Breeding	Heavy Grass	Domestic	Heavy Grain
+\$137	+\$128	+\$118	+\$152

Purchaser \$

Lot 36 BONGONGO L132 (APR) (AI) NGXL132 Verified to Sire

Calved: 08/03/2015 Tattoo: GX L132 (T&F) Genetic Status: AMFU NHFU CAFU DDF Reg'n Level: APR
 BOOROOMOOKA UNDERTAKEN Y145 ARDROSSAN FAIRFAX F21 (AI)
SIRE: NORE11 RENNYLEA EDMUND E11 (AI) (ET) **DAM: NGXH641 BONGONGO H641 (APR) (AI)**
 LAWSONS HENRY VIII Y5 (AI) BONGONGO NGXA76 (APR)

September 2016 Angus Australia BREEDPLAN

	Birth Weight (kg)	200 Day Weight (kg)	400 Day Weight (kg)	600 Day Weight (kg)	MCW (kg)	Milk (kg)	Scrotal Size (cm)	CWT (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV %	IMF %	NFI-P (kg/day)	NFI-F (kg/day)	Docility
EBV	+2.2	+37	+69	+88	+75	+13	+2.1	+52	+6.7	+3.2	+2.6	+0.0	+2.5	+0.40	+0.66	--
ACC	76%	73%	73%	77%	76%	65%	79%	67%	64%	66%	65%	58%	59%	49%	52%	

Traits Observed: GL,BWT,200WT,600WT,SS,FAT,EMA,IMF,Genomics

BREEDOBJECT \$INDEX VALUES

Angus Breeding	Heavy Grass	Domestic	Heavy Grain
+\$116	+\$112	+\$109	+\$121

Purchaser \$



2016 BONGONGO ANGUS BULL SALE LOTS

Lot 37 BONGONGO L162 (APR) (AI) NGXL162 Verified to Sire

Calved: 26/03/2015 Tattoo: GX L162 (T&F) Genetic Status: AMFU NHFU CAFU DDF Reg'n Level: APR
 TUWHARETOA REGENT D145 (AI) (ET) RENNYLEA B77 (APR) (AI) (ET)
SIRE: BHRH264 DUNOON HOLLISTER H264 (AI) **DAM: NGXF200 BONGONGO F200 (APR) (AI)**
 DUNOON PRINCESS E099 (AI) (ET) BONGONGO D184 (APR) (AI)

September 2016 Angus Australia BREEDPLAN

	Birth Weight (kg)	200 Day Weight (kg)	400 Day Weight (kg)	600 Day Weight (kg)	MCW (kg)	Milk (kg)	Scrotal Size (cm)	CWT (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBY %	IMF %	NFI-P (kg/day)	NFI-F (kg/day)	Docility
EBV	+4.9	+45	+80	+102	+70	+21	+1.5	+68	+5.3	+1.4	+0.6	-0.7	+3.7	+0.31	+0.35	--
ACC	76%	71%	71%	76%	73%	59%	76%	63%	59%	63%	62%	52%	53%	42%	42%	

Traits Observed: GL,BWT,200WT,600WT,SS,FAT,EMA,IMF,Genomics

BREEDOBJECT \$INDEX VALUES

Angus Breeding	Heavy Grass	Domestic	Heavy Grain
+\$121	+\$111	+\$108	+\$139

Purchaser \$

Lot 38 BONGONGO L45 (APR) NGXL45 Verified to Sire

Calved: 21/04/2015 Tattoo: GX L45 (T&F) Genetic Status: AMF NHFU CAFU DDC Reg'n Level: APR
 CARABAR DOCKLANDS D62 (AI) LAWSONS GENERAL G1730 (AI)
SIRE: AHWH11 ABERDEEN ESTATE HARPER H11 (AI) **DAM: NGXJ64 BONGONGO J64 (APR) (AI)**
 KANSAS ANNIE C11 (AI) (ET) BONGONGO G9 (APR) (AI)

September 2016 Angus Australia BREEDPLAN

	Birth Weight (kg)	200 Day Weight (kg)	400 Day Weight (kg)	600 Day Weight (kg)	MCW (kg)	Milk (kg)	Scrotal Size (cm)	CWT (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBY %	IMF %	NFI-P (kg/day)	NFI-F (kg/day)	Docility
EBV	+6.4	+50	+86	+120	+125	+16	+2.0	+67	+10.1	-2.1	-1.6	+2.2	+1.1	+0.14	+0.21	--
ACC	76%	71%	71%	76%	73%	57%	76%	62%	58%	62%	60%	50%	52%	39%	40%	

Traits Observed: BWT,200WT,600WT,SS,FAT,EMA,IMF,Genomics

BREEDOBJECT \$INDEX VALUES

Angus Breeding	Heavy Grass	Domestic	Heavy Grain
+\$124	+\$121	+\$112	+\$131

Purchaser \$

Lot 39 BONGONGO L57 (APR) NGXL57 Verified to Sire

Calved: 14/05/2015 Tattoo: GX L57 (T&F) Genetic Status: AMFU NHFU CAF DDFU Reg'n Level: APR
 CARABAR DOCKLANDS D62 (AI) RENNYLEA 458N ELVIS E307 (AI)
SIRE: AHWH11 ABERDEEN ESTATE HARPER H11 (AI) **DAM: NGXJ198 BONGONGO J198 (APR) (AI)**
 KANSAS ANNIE C11 (AI) (ET) BONGONGO Z88 (APR) (AI)

September 2016 Angus Australia BREEDPLAN

	Birth Weight (kg)	200 Day Weight (kg)	400 Day Weight (kg)	600 Day Weight (kg)	MCW (kg)	Milk (kg)	Scrotal Size (cm)	CWT (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBY %	IMF %	NFI-P (kg/day)	NFI-F (kg/day)	Docility
EBV	+3.6	+40	+75	+102	+92	+22	+2.7	+50	+5.6	+0.3	+1.3	+0.2	+1.7	+0.23	+0.33	--
ACC	75%	69%	68%	71%	71%	58%	68%	60%	51%	57%	53%	44%	48%	35%	35%	

Traits Observed: CE,BWT,200WT,600WT,SS,FAT,EMA,IMF,Genomics

BREEDOBJECT \$INDEX VALUES

Angus Breeding	Heavy Grass	Domestic	Heavy Grain
+\$114	+\$112	+\$105	+\$116

Purchaser \$

Lot 40 BONGONGO L114 (APR) NGXL114 Verified to Mating

Calved: 05/04/2015 Tattoo: GX L114 (T&F) Genetic Status: AMFU NHF CAFU DDFU Reg'n Level: APR
 RENNYLEA B77 (APR) (AI) (ET) TE MANIA INFINITY 04 379 AB
SIRE: NGXF411 BONGONGO F411 (APR) (AI) (ET) **DAM: NGXD19 BONGONGO D19 (APR) (AI)**
 COMFORT HILL BEEAC Z90 (AI) (ET) BONGONGO X305 (APR) (AI)

September 2016 Angus Australia BREEDPLAN

	Birth Weight (kg)	200 Day Weight (kg)	400 Day Weight (kg)	600 Day Weight (kg)	MCW (kg)	Milk (kg)	Scrotal Size (cm)	CWT (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBY %	IMF %	NFI-P (kg/day)	NFI-F (kg/day)	Docility
EBV	+1.8	+35	+70	+85	+46	+25	+1.9	+50	+5.0	+1.5	+1.6	-0.6	+2.9	+0.38	+0.51	--
ACC	76%	71%	71%	76%	74%	60%	78%	63%	60%	62%	62%	52%	52%	43%	43%	

Traits Observed: BWT,200WT,600WT,SS,FAT,EMA,IMF,Genomics

BREEDOBJECT \$INDEX VALUES

Angus Breeding	Heavy Grass	Domestic	Heavy Grain
+\$115	+\$110	+\$109	+\$122

Purchaser \$



2016 BONGONGO ANGUS BULL SALE LOTS

Lot 41 BONGONGO L150 (APR)

NGXL150

Verified to Sire

Calved: 30/03/2015 Tattoo: GX L150 (T&F) Genetic Status: AMFU NHF CAF DDC Reg'n Level: APR
 RENNYLEA B101 (APR) (AI) (ET) BONGONGO Z1 (AI)
 SIRE: NGXG53 BONGONGO G53 (APR) (AI) DAM: NGXE547 BONGONGO E547
 BONGONGO NGXA444 (APR) BONGONGO NGXA94

September 2016 Angus Australia BREEDPLAN

	Birth Weight (kg)	200 Day Weight (kg)	400 Day Weight (kg)	600 Day Weight (kg)	MCW (kg)	Milk (kg)	Scrotal Size (cm)	CWT (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBY %	IMF %	NFI-P (kg/day)	NFI-F (kg/day)	Docility
EBV	+3.2	+39	+73	+91	+61	+16	+2.6	+51	+3.2	+1.0	+0.4	-1.2	+3.6	+0.34	+0.46	--
ACC	76%	71%	71%	76%	73%	58%	76%	62%	58%	62%	61%	51%	51%	38%	37%	

Traits Observed: BWT,200WT,600WT,SS,FAT,EMA,IMF,Genomics

BREEDOBJECT \$INDEX VALUES

Angus Breeding	Heavy Grass	Domestic	Heavy Grain
+\$111	+\$104	+\$106	+\$125

Purchaser \$

Lot 42 BONGONGO L122

NGXL122

Verified to Sire

Calved: 21/03/2015 Tattoo: GX L122 (T&F) Genetic Status: AMFU NHFU CAF DDF Reg'n Level: HBR
 AYRVALE BARTEL E7 (AI) (ET) CONNEALY FINAL PRODUCT
 SIRE: NGXJ45 BONGONGO J45 (AI) DAM: NGXH7 BONGONGO H7 (AI)
 BONGONGO G112 (AI) BONGONGO F093

September 2016 Angus Australia BREEDPLAN

	Birth Weight (kg)	200 Day Weight (kg)	400 Day Weight (kg)	600 Day Weight (kg)	MCW (kg)	Milk (kg)	Scrotal Size (cm)	CWT (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBY %	IMF %	NFI-P (kg/day)	NFI-F (kg/day)	Docility
EBV	+2.1	+43	+78	+93	+59	+20	+1.4	+59	+7.8	+1.0	+1.3	+0.6	+1.6	+0.39	+0.37	--
ACC	74%	69%	69%	75%	72%	57%	75%	61%	57%	60%	59%	49%	50%	37%	37%	

Traits Observed: BWT,200WT,600WT,SS,FAT,EMA,IMF,Genomics

BREEDOBJECT \$INDEX VALUES

Angus Breeding	Heavy Grass	Domestic	Heavy Grain
+\$119	+\$118	+\$118	+\$115

Purchaser \$

Lot 43 BONGONGO K906 (AI)

NGXK906

Verified to Sire

Calved: 29/08/2014 Tattoo: GX K906 (T&F) Genetic Status: AMFU NHFU CAFU DDFU Reg'n Level: HBR
 TUWHARETOA REGENT D145 (AI) (ET) S A V THUNDERBIRD 9061
 SIRE: NENG220 KAROO D145 GENERATOR G220 (AI) DAM: NGXG242 BONGONGO G242 (AI)
 KAROO WILCOOLA B15 (AI) (ET) BONGONGO E472 (AI)

September 2016 Angus Australia BREEDPLAN

	Birth Weight (kg)	200 Day Weight (kg)	400 Day Weight (kg)	600 Day Weight (kg)	MCW (kg)	Milk (kg)	Scrotal Size (cm)	CWT (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBY %	IMF %	NFI-P (kg/day)	NFI-F (kg/day)	Docility
EBV	+2.4	+46	+83	+106	+85	+17	+0.8	+66	+5.5	+4.0	+3.3	-0.6	+1.9	+0.25	+0.32	--
ACC	76%	71%	71%	72%	72%	59%	70%	62%	57%	61%	58%	50%	53%	40%	41%	

Traits Observed: GL,CE,BWT,200WT,Genomics

BREEDOBJECT \$INDEX VALUES

Angus Breeding	Heavy Grass	Domestic	Heavy Grain
+\$118	+\$118	+\$110	+\$117

Purchaser \$

Lot 44 BONGONGO K922 (APR) (AI)

NGXK922

Verified to Sire

Calved: 01/09/2014 Tattoo: GX K922 (T&F) Genetic Status: AMFU NHFU CAFU DDF Reg'n Level: APR
 TUWHARETOA REGENT D145 (AI) (ET) BONGONGO B270 (AI) (ET)
 SIRE: NENG220 KAROO D145 GENERATOR G220 (AI) DAM: NGXG559 BONGONGO G559 (APR) (AI)
 KAROO WILCOOLA B15 (AI) (ET) BONGONGO Y20 (APR) (AI)

September 2016 Angus Australia BREEDPLAN

	Birth Weight (kg)	200 Day Weight (kg)	400 Day Weight (kg)	600 Day Weight (kg)	MCW (kg)	Milk (kg)	Scrotal Size (cm)	CWT (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBY %	IMF %	NFI-P (kg/day)	NFI-F (kg/day)	Docility
EBV	+3.5	+41	+70	+100	+75	+22	+0.5	+55	+4.5	+2.8	+3.6	-0.8	+2.5	+0.30	+0.29	--
ACC	76%	71%	70%	72%	72%	59%	70%	62%	56%	60%	57%	49%	52%	40%	40%	

Traits Observed: GL,CE,BWT,200WT,Genomics

BREEDOBJECT \$INDEX VALUES

Angus Breeding	Heavy Grass	Domestic	Heavy Grain
+\$120	+\$116	+\$103	+\$125

Purchaser \$



2016 BONGONGO ANGUS BULL SALE LOTS

Lot 45 BONGONGO K599 (APR) (AI) NGXK599 Verified to Sire

Calved: 01/09/2014 Tattoo: GX K599 (T&F) Genetic Status: AMFU NHFU CAFU DDFU Reg'n Level: APR
 ARDROSSAN FAIRFAX F21 (AI) ARDROSSAN EQUATOR A241 (AI) (ET)
 SIRE: NGXH411 BONGONGO H411 (APR) (AI) DAM: NGXG527 BONGONGO G527 (APR) (AI)
 BONGONGO E103 (APR) BONGONGO Z193 (APR) (AI)

September 2016 Angus Australia BREEDPLAN

	Birth Weight (kg)	200 Day Weight (kg)	400 Day Weight (kg)	600 Day Weight (kg)	MCW (kg)	Milk (kg)	Scrotal Size (cm)	CWT (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV %	IMF %	NFI-P (kg/day)	NFI-F (kg/day)	Docility
EBV	+4.8	+44	+85	+117	+117	+17	+2.4	+69	+5.5	-0.6	-0.8	+0.9	+0.8	+0.11	+0.27	--
ACC	75%	68%	67%	69%	70%	58%	66%	59%	50%	57%	53%	44%	47%	37%	38%	

Traits Observed: GL,CE,BWT,200WT,Genomics

BREEDOBJECT \$INDEX VALUES

Angus Breeding	Heavy Grass	Domestic	Heavy Grain
+\$104	+\$107	+\$102	+\$102

Purchaser \$

Lot 46 BONGONGO K763 (APR) NGXK763 Verified to Sire

Calved: 01/09/2014 Tattoo: GX K763 (T&F) Genetic Status: Reg'n Level: APR
 BT EQUATOR 395M BONGONGO B300
 SIRE: CCVC255 VERMONT BT EQUATOR C255 (AI) DAM: NGXD244 BONGONGO D244 (APR)
 VERMONT WILCOOLA Y391 (AI) (ET) BONGONGO B215 (APR) (AI)

September 2016 Angus Australia BREEDPLAN

	Birth Weight (kg)	200 Day Weight (kg)	400 Day Weight (kg)	600 Day Weight (kg)	MCW (kg)	Milk (kg)	Scrotal Size (cm)	CWT (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV %	IMF %	NFI-P (kg/day)	NFI-F (kg/day)	Docility
EBV	+2.8	+40	+72	+97	+78	+12	+0.1	+57	+5.3	-1.1	-1.2	+0.7	+1.1	-0.08	-0.32	--
ACC	67%	64%	66%	69%	70%	62%	69%	59%	56%	60%	57%	49%	52%	40%	40%	

Traits Observed: Genomics

BREEDOBJECT \$INDEX VALUES

Angus Breeding	Heavy Grass	Domestic	Heavy Grain
+\$110	+\$110	+\$106	+\$108

Purchaser \$

Lot 47 BONGONGO K688 NGXK688 Verified to Sire

Calved: 28/09/2014 Tattoo: GX K688 (T&F) Genetic Status: AMF NHC CAFU DDFU Reg'n Level: HBR
 VERMONT DRAMBUIE D057 (AI) (ET) C A FUTURE DIRECTION 5321
 SIRE: NGXH150 BONGONGO H150 (AI) (ET) DAM: NGXE422 BONGONGO E422 (AI) (ET)
 BONGONGO B602 (AI) (ET) BONGONGO T198 (AI) (ET)

September 2016 Angus Australia BREEDPLAN

	Birth Weight (kg)	200 Day Weight (kg)	400 Day Weight (kg)	600 Day Weight (kg)	MCW (kg)	Milk (kg)	Scrotal Size (cm)	CWT (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV %	IMF %	NFI-P (kg/day)	NFI-F (kg/day)	Docility
EBV	+4.1	+35	+57	+80	+49	+18	+0.1	+49	+8.5	+0.2	+0.6	+0.8	+1.6	+0.00	-0.01	--
ACC	75%	68%	68%	70%	71%	60%	67%	60%	51%	57%	53%	45%	49%	40%	41%	

Traits Observed: CE,BWT,200WT,Genomics

BREEDOBJECT \$INDEX VALUES

Angus Breeding	Heavy Grass	Domestic	Heavy Grain
+\$101	+\$102	+\$98	+\$96

Purchaser \$

Lot 48 BONGONGO K412 (APR) NGXK412 Verified to Sire

Calved: 26/09/2014 Tattoo: GX K412 (T&F) Genetic Status: AMFU NHFU CAFU DDFU Reg'n Level: APR
 RENNYLEA EDMUND E11 (AI) (ET) THE GRANGE RIGHT TIME D95 (AI) (ET)
 SIRE: NGXH257 BONGONGO H257 (AI) DAM: NGXG43 BONGONGO G43 (APR)
 BONGONGO F271 (AI) BONGONGO E25 (APR) (AI)

September 2016 Angus Australia BREEDPLAN

	Birth Weight (kg)	200 Day Weight (kg)	400 Day Weight (kg)	600 Day Weight (kg)	MCW (kg)	Milk (kg)	Scrotal Size (cm)	CWT (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV %	IMF %	NFI-P (kg/day)	NFI-F (kg/day)	Docility
EBV	+2.8	+39	+74	+92	+61	+14	+2.9	+54	+6.0	-0.1	-0.1	+0.9	+2.4	+0.14	+0.39	--
ACC	73%	66%	66%	69%	70%	57%	66%	58%	50%	56%	52%	42%	46%	35%	35%	

Traits Observed: CE,BWT,200WT,Genomics

BREEDOBJECT \$INDEX VALUES

Angus Breeding	Heavy Grass	Domestic	Heavy Grain
+\$115	+\$112	+\$114	+\$122

Purchaser \$

2016 BONGONGO ANGUS BULL SALE LOTS

Lot 49 BONGONGO K655 (APR)

NGXK655

Verified to Sire

Calved: 03/09/2014 Tattoo: GX K655 (T&F) Genetic Status: AMFU NHFU CAFU DDF Reg'n Level: APR
 RENNYLEA B101 (APR) (AI) (ET) ARDROSSAN CASINO C18 (AI) (ET)
 SIRE: NGXG53 BONGONGO G53 (APR) (AI) DAM: NGXF169 BONGONGO F169 (AI)
 BONGONGO NGXA444 (APR) BONGONGO D183 (AI)

September 2016 Angus Australia BREEDPLAN

	Birth Weight (kg)	200 Day Weight (kg)	400 Day Weight (kg)	600 Day Weight (kg)	MCW (kg)	Milk (kg)	Scrotal Size (cm)	CWT (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV %	IMF %	NFI-P (kg/day)	NFI-F (kg/day)	Docility
EBV	+4.3	+42	+78	+112	+100	+11	+1.5	+58	+6.8	-2.2	-2.9	+0.9	+2.6	+0.07	+0.28	--
ACC	75%	69%	68%	70%	71%	58%	68%	60%	52%	57%	54%	45%	47%	36%	36%	

Traits Observed: CE,BWT,200WT,Genomics

BREEDOBJECT \$INDEX VALUES

Angus Breeding	Heavy Grass	Domestic	Heavy Grain
+\$121	+\$114	+\$107	+\$138

Purchaser \$

Lot 50 BONGONGO K731 (APR) (AI)

NGXK731

Verified to Sire

Calved: 01/09/2014 Tattoo: GX K731 (T&F) Genetic Status: AMF NHFU CAFU DDF Reg'n Level: APR
 CONNEALY TOBIN TUWHARETOA C87 (APR)
 SIRE: USA16761479 CONNEALY CONFIDENCE 0100 DAM: NGXF007 BONGONGO F007 (APR)
 BECKA GALA OF CONANGA 8281 BONGONGO C382

September 2016 Angus Australia BREEDPLAN

	Birth Weight (kg)	200 Day Weight (kg)	400 Day Weight (kg)	600 Day Weight (kg)	MCW (kg)	Milk (kg)	Scrotal Size (cm)	CWT (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV %	IMF %	NFI-P (kg/day)	NFI-F (kg/day)	Docility
EBV	+1.0	+40	+69	+81	+41	+19	+0.7	+43	+9.5	+1.5	-0.5	+0.9	+0.8	-0.04	+0.00	--
ACC	76%	68%	68%	71%	70%	59%	69%	59%	54%	60%	55%	46%	51%	33%	33%	

Traits Observed: GL,CE,BWT,Genomics

BREEDOBJECT \$INDEX VALUES

Angus Breeding	Heavy Grass	Domestic	Heavy Grain
+\$89	+\$98	+\$104	+\$70

Purchaser \$

Lot 51 BONGONGO K410

NGXK410

Verified to Sire

Calved: 26/09/2014 Tattoo: GX K410 (T&F) Genetic Status: AMFU NHFU CAFU DDFU Reg'n Level: HBR
 VERMONT DRAMBUIE D057 (AI) (ET) K C F BENNETT PERFORMER
 SIRE: NGXH145 BONGONGO H145 (AI) (ET) DAM: NGXG83 BONGONGO G83 (AI) (ET)
 BONGONGO B602 (AI) (ET) BONGONGO B602 (AI) (ET)

September 2016 Angus Australia BREEDPLAN

	Birth Weight (kg)	200 Day Weight (kg)	400 Day Weight (kg)	600 Day Weight (kg)	MCW (kg)	Milk (kg)	Scrotal Size (cm)	CWT (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV %	IMF %	NFI-P (kg/day)	NFI-F (kg/day)	Docility
EBV	+4.4	+49	+78	+109	+78	+21	+2.9	+60	+9.1	+1.2	+1.9	+0.2	+2.0	+0.10	+0.01	--
ACC	75%	69%	68%	71%	71%	59%	67%	61%	53%	58%	55%	46%	49%	40%	41%	

Traits Observed: CE,BWT,200WT,Genomics

BREEDOBJECT \$INDEX VALUES

Angus Breeding	Heavy Grass	Domestic	Heavy Grain
+\$123	+\$122	+\$110	+\$124

Purchaser \$

Lot 52 BONGONGO K818 (AI)

NGXK818

Verified to Sire

Calved: 04/09/2014 Tattoo: GX K818 (T&F) Genetic Status: AMFU NHFU CAFU DDFU Reg'n Level: HBR
 CONNEALY CONSENSUS 7229 BONGONGO BULLETPROOF Z3 (AI)
 SIRE: USA17031465 CONNEALY COMRADE 1385 DAM: NGXE626 BONGONGO E626
 HAPPY GEE OF CONANGA 919 BONGONGO B512 (AI)

September 2016 Angus Australia BREEDPLAN

	Birth Weight (kg)	200 Day Weight (kg)	400 Day Weight (kg)	600 Day Weight (kg)	MCW (kg)	Milk (kg)	Scrotal Size (cm)	CWT (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV %	IMF %	NFI-P (kg/day)	NFI-F (kg/day)	Docility
EBV	+1.2	+41	+76	+90	+49	+25	+0.1	+52	+8.7	-0.3	-1.3	+1.3	+2.3	+0.03	+0.06	--
ACC	76%	70%	69%	71%	71%	60%	69%	61%	56%	60%	56%	49%	52%	38%	38%	

Traits Observed: GL,CE,BWT,200WT,Genomics

BREEDOBJECT \$INDEX VALUES

Angus Breeding	Heavy Grass	Domestic	Heavy Grain
+\$119	+\$116	+\$120	+\$123

Purchaser \$



2016 BONGONGO ANGUS BULL SALE LOTS

Lot 53 BONGONGO K362 (APR)

NGXK362

Verified to Sire

Calved: 16/09/2014 Tattoo: GX K362 (T&F)

Genetic Status: AMC NHFU CAFU DDC

Reg'n Level: APR

DUNOON EVIDENT E614 (AI) (ET)

BONGONGO F401 (AI) (ET)

SIRE: NGXH408 BONGONGO H408 (APR) (AI)

DAM: NGXH813 BONGONGO H813 (APR)

TUWHARETOA D4 (APR)

BONGONGO X122 (APR) (AI) (ET)

September 2016 Angus Australia BREEDPLAN

	Birth Weight (kg)	200 Day Weight (kg)	400 Day Weight (kg)	600 Day Weight (kg)	MCW (kg)	Milk (kg)	Scrotal Size (cm)	CWT (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBY %	IMF %	NFI-P (kg/day)	NFI-F (kg/day)	Docility
EBV	+5.4	+38	+68	+91	+72	+16	+1.9	+49	+8.1	-0.2	-0.4	+0.9	+2.7	+0.16	+0.27	--
ACC	74%	68%	66%	69%	70%	57%	66%	58%	48%	54%	51%	40%	44%	34%	35%	

Traits Observed: CE,BWT,200WT,Genomics

BREEDOBJECT \$INDEX VALUES

Angus Breeding	Heavy Grass	Domestic	Heavy Grain
+\$94	+\$88	+\$88	+\$103

Purchaser \$

Lot 54 BONGONGO K585 (AI)

NGXK585

Verified to Sire

Calved: 28/08/2014 Tattoo: GX K585 (T&F)

Genetic Status: AMFU NHFU CAFU DDFU

Reg'n Level: HBR

MYTTY IN FOCUS

TC ABERDEEN 759

SIRE: USA15719841 A A R TEN X 7008 S A (ET)

DAM: NGXG302 BONGONGO G302 (AI)

A A R LADY KELTON 5551

BONGONGO E584

September 2016 Angus Australia BREEDPLAN

	Birth Weight (kg)	200 Day Weight (kg)	400 Day Weight (kg)	600 Day Weight (kg)	MCW (kg)	Milk (kg)	Scrotal Size (cm)	CWT (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBY %	IMF %	NFI-P (kg/day)	NFI-F (kg/day)	Docility
EBV	+2.0	+51	+94	+114	+82	+24	+1.7	+71	+8.1	-1.1	-2.6	+1.8	+1.4	+0.10	+0.38	--
ACC	76%	71%	71%	72%	73%	63%	71%	63%	57%	62%	59%	51%	55%	40%	41%	

Traits Observed: GL,CE,BWT,200WT,Genomics

BREEDOBJECT \$INDEX VALUES

Angus Breeding	Heavy Grass	Domestic	Heavy Grain
+\$121	+\$122	+\$125	+\$120

Purchaser \$

Lot 55 BONGONGO K611 (APR) (AI)

NGXK611

Verified to Sire

Calved: 02/09/2014 Tattoo: GX K611 (T&F)

Genetic Status: AMC NHF CAF DDF

Reg'n Level: APR

MYTTY IN FOCUS

BONGONGO D617 (APR) (AI)

SIRE: USA15719841 A A R TEN X 7008 S A (ET)

DAM: NGXG389 BONGONGO G389 (APR)

A A R LADY KELTON 5551

BONGONGO C74 (AI)

September 2016 Angus Australia BREEDPLAN

	Birth Weight (kg)	200 Day Weight (kg)	400 Day Weight (kg)	600 Day Weight (kg)	MCW (kg)	Milk (kg)	Scrotal Size (cm)	CWT (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBY %	IMF %	NFI-P (kg/day)	NFI-F (kg/day)	Docility
EBV	+3.8	+49	+85	+111	+96	+12	+2.1	+69	+7.8	-1.8	-2.3	+1.8	+1.5	+0.22	+0.48	--
ACC	76%	71%	70%	72%	72%	63%	70%	62%	57%	61%	57%	50%	54%	38%	39%	

Traits Observed: GL,CE,BWT,200WT,Genomics

BREEDOBJECT \$INDEX VALUES

Angus Breeding	Heavy Grass	Domestic	Heavy Grain
+\$123	+\$121	+\$119	+\$128

Purchaser \$

Lot 56 BONGONGO K993 (APR) (AI)

NGXK993

Verified to Sire

Calved: 07/09/2014 Tattoo: GX K993 (T&F)

Genetic Status: AMFU NHFU CAFU DDF

Reg'n Level: APR

TUWHARETOA REGENT D145 (AI) (ET)

BONGONGO Z1 (AI)

SIRE: NORG255 RENNYLEA G255 (APR) (ET)

DAM: NGXD492 BONGONGO D492

RENNYLEA C490 (APR) (AI) (ET)

BONGONGO X73 (AI) (ET)

September 2016 Angus Australia BREEDPLAN

	Birth Weight (kg)	200 Day Weight (kg)	400 Day Weight (kg)	600 Day Weight (kg)	MCW (kg)	Milk (kg)	Scrotal Size (cm)	CWT (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBY %	IMF %	NFI-P (kg/day)	NFI-F (kg/day)	Docility
EBV	+4.2	+42	+80	+108	+106	+20	+0.6	+64	+4.8	+0.7	-0.4	-0.4	+3.8	+0.04	+0.10	--
ACC	77%	72%	71%	73%	73%	63%	71%	63%	57%	62%	59%	51%	55%	46%	50%	

Traits Observed: GL,CE,BWT,200WT,Genomics

BREEDOBJECT \$INDEX VALUES

Angus Breeding	Heavy Grass	Domestic	Heavy Grain
+\$116	+\$106	+\$103	+\$139

Purchaser \$





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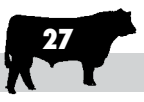
EBV FIGURES

EBV Quick Reference for Bongongo Angus Bull Sale

Lot No.	Animal Ident	Calving Ease Dir	Calving Ease Dtrs	Gest Length	Birth Wt	200 Day Wt	400 Day Wt	600 Day Wt	Mat Cow Wt	Milk	Scrotal Size	Days to Calving	Carc. Wt	EMA	Rib Fat	Rump Fat	RBV %	IMF %	NFI - P	NFI - F	Docility	Angus Breeding	Domestic	Heavy Grain	Heavy Grass
1	NGXK696	+3.2	+0.3	-5.9	+4.4	+44	+81	+109	+93	+18	+2.7	-4.0	+62	+4.6	+0.9	-0.9	-0.3	+2.0	+0.28	+0.49	--	+\$108	+\$102	+\$112	+\$106
2	NGXK995	+3.7	+2.4	-6.1	+3.6	+36	+66	+92	+79	+18	+1.8	-5.5	+47	+7.6	-2.1	-1.7	+1.7	+1.1	-0.02	+0.11	--	+\$109	+\$104	+\$109	+\$107
3	NGXK671	-3.2	-1.6	-3.4	+6.3	+57	+94	+118	+97	+15	+1.2	-4.2	+74	+7.2	-0.9	-0.4	+1.3	+0.8	+0.10	+0.00	--	+\$108	+\$109	+\$101	+\$111
4	NGXK630	-2.6	-1.3	-2.6	+5.9	+51	+86	+107	+98	+14	+1.5	-5.0	+64	+8.9	-1.6	-0.8	+1.0	+1.9	+0.25	+0.14	--	+\$111	+\$109	+\$116	+\$108
5	NGXK760	-0.3	-0.8	-7.0	+4.9	+44	+74	+94	+82	+11	+1.3	-4.9	+59	+7.3	+3.2	+4.1	-1.3	+3.4	+0.69	+0.74	--	+\$115	+\$105	+\$124	+\$110
6	NGXK992	-0.5	-1.8	-3.6	+4.4	+40	+72	+97	+78	+18	+2.3	-5.9	+58	+5.5	+1.9	+1.9	-0.9	+3.5	+0.59	+0.62	--	+\$117	+\$102	+\$132	+\$108
7	NGXK738	+2.8	+1.4	-5.8	+3.8	+44	+78	+107	+85	+23	+1.1	-5.9	+61	+5.7	-0.5	-0.1	-0.4	+3.8	+0.45	+0.38	--	+\$133	+\$113	+\$155	+\$121
8	NGXK445	+0.0	+0.0	-3.1	+4.6	+45	+78	+100	+81	+14	+3.9	-5.4	+55	+6.8	+0.5	+1.6	-0.2	+2.3	+0.13	+0.02	--	+\$113	+\$107	+\$117	+\$111
9	NGXK464	+2.8	+1.2	-5.6	+3.1	+36	+66	+88	+64	+21	+0.6	-5.9	+53	+4.5	-0.3	-1.4	+0.0	+2.5	+0.15	+0.20	--	+\$106	+\$100	+\$114	+\$101
10	NGXK729	+2.8	+2.1	-4.1	+2.5	+37	+69	+96	+60	+20	+2.7	-4.8	+50	+6.4	+0.7	+0.1	+0.3	+2.7	+0.15	+0.29	--	+\$121	+\$109	+\$131	+\$116
11	NGXK564	+1.6	+0.9	-3.6	+2.7	+39	+73	+95	+64	+16	+1.7	-4.5	+55	+5.8	+1.0	+0.8	+0.3	+3.0	+0.18	+0.44	--	+\$122	+\$113	+\$134	+\$116
12	NGXK996	+4.7	+3.3	-5.1	+0.8	+37	+69	+98	+68	+26	+1.9	-5.9	+51	+6.8	-0.2	+0.5	-0.1	+2.8	+0.12	+0.26	--	+\$124	+\$108	+\$134	+\$118
13	NGXL2	+0.3	+0.4	-5.6	+2.4	+34	+67	+94	+66	+21	+1.7	-7.4	+53	+3.8	+5.1	+5.7	-2.3	+3.8	+0.56	+0.72	--	+\$125	+\$102	+\$139	+\$116
14	NGXL10	-0.2	+0.2	-4.8	+2.6	+34	+66	+89	+61	+20	+2.0	-7.4	+52	+4.1	+4.6	+5.0	-2.3	+3.8	+0.56	+0.71	--	+\$119	+\$100	+\$131	+\$110
15	NGXL6	+1.9	+1.2	-3.9	+3.3	+39	+65	+95	+67	+21	-0.8	-6.2	+54	+5.9	+2.1	+2.6	-0.8	+2.2	+0.28	+0.29	--	+\$113	+\$98	+\$113	+\$111
16	NGXL7	+0.2	-1.4	-2.4	+4.9	+42	+75	+101	+90	+15	+0.7	-3.3	+62	+5.9	+0.5	-1.0	-0.1	+3.0	+0.19	+0.30	--	+\$108	+\$100	+\$121	+\$102
17	NGXL8	+4.7	+2.0	-6.4	+2.5	+45	+84	+103	+65	+21	+2.9	-5.0	+57	+5.3	+2.5	+1.7	-0.2	+2.3	+0.38	+0.49	--	+\$121	+\$117	+\$124	+\$120
18	NGXL18	-1.0	-1.5	-5.1	+5.2	+49	+92	+132	+125	+21	+1.6	-4.1	+75	+5.0	-1.0	-1.5	-0.1	+3.0	+0.09	+0.11	--	+\$128	+\$106	+\$150	+\$119
19	NGXL15	-0.7	-2.1	-6.7	+3.5	+42	+81	+110	+98	+21	+1.3	-3.2	+70	+5.6	+0.6	+0.2	+0.1	+2.3	+0.12	+0.28	--	+\$109	+\$101	+\$116	+\$106
20	NGXL82	-4.8	+1.1	-2.7	+3.2	+40	+77	+96	+73	+18	+1.8	-6.2	+54	+3.8	-0.4	-0.1	-0.8	+3.5	+0.19	+0.27	--	+\$108	+\$100	+\$124	+\$99
21	NGXL88	-4.3	+1.3	-2.8	+3.4	+42	+77	+100	+81	+20	+2.1	-6.2	+56	+5.2	-0.1	+0.1	-0.8	+3.9	+0.19	+0.24	--	+\$115	+\$102	+\$136	+\$104
22	NGXL93	-4.0	+1.4	-4.3	+2.8	+40	+75	+94	+64	+18	+1.5	-6.2	+51	+4.8	+0.5	+0.9	-0.8	+4.0	+0.19	+0.27	--	+\$118	+\$106	+\$137	+\$107
23	NGXL144	-4.9	-1.3	-3.7	+3.4	+42	+79	+98	+94	+13	+2.4	-6.0	+53	+0.9	-1.5	+0.0	-0.8	+3.2	+0.10	+0.11	--	+\$100	+\$95	+\$115	+\$92
24	NGXL133	-4.6	+1.8	-3.2	+3.2	+46	+88	+109	+80	+24	+1.8	-7.4	+64	+6.4	-0.4	+0.1	-0.4	+2.8	+0.18	+0.05	--	+\$120	+\$109	+\$132	+\$112
25	NGXL16	+4.9	+3.5	-7.1	+2.8	+44	+83	+106	+91	+14	+2.7	-6.3	+55	+4.3	+3.5	+3.4	-1.6	+2.1	+0.31	+0.37	--	+\$119	+\$110	+\$120	+\$118
26	NGXL19	+4.9	+3.5	-5.0	+2.2	+46	+84	+109	+73	+22	+2.5	-4.6	+65	+7.3	+3.5	+2.8	-1.0	+2.7	+0.40	+0.56	--	+\$128	+\$116	+\$132	+\$125
27	NGXL105	-1.5	-1.5	-2.7	+4.7	+44	+82	+105	+88	+15	+1.6	-3.0	+64	+7.6	+0.0	-0.6	+0.5	+3.3	+0.34	+0.63	--	+\$118	+\$110	+\$135	+\$111
28	NGXL158	+0.7	-1.3	-4.2	+4.4	+47	+87	+112	+103	+14	+2.1	-4.5	+64	+6.3	-0.7	-0.6	+1.1	+2.4	+0.20	+0.22	--	+\$126	+\$117	+\$139	+\$119
29	NGXL198	+2.1	+1.7	-3.5	+2.9	+41	+80	+98	+60	+17	+1.3	-5.1	+56	+7.6	+1.2	+1.1	+0.0	+3.2	+0.43	+0.53	--	+\$132	+\$122	+\$145	+\$124
30	NGXL170	+4.3	+3.0	-6.4	+2.5	+43	+83	+107	+105	+14	+2.7	-5.0	+60	+6.4	+1.6	+1.2	+0.1	+3.4	+0.27	+0.46	--	+\$137	+\$122	+\$157	+\$126
31	NGXL169	+0.7	-0.8	-3.6	+4.4	+39	+73	+93	+90	+11	+1.2	-3.6	+55	+4.7	+0.0	-0.6	+0.2	+2.7	+0.20	+0.25	--	+\$104	+\$102	+\$115	+\$99
32	NGXL78	-1.7	+2.3	-3.7	+4.4	+51	+85	+115	+119	+15	+0.8	-3.0	+63	+5.5	-2.6	-2.2	+0.8	+2.3	-0.11	-0.13	--	+\$110	+\$104	+\$120	+\$106
33	NGXL155	+1.6	+2.3	-5.0	+2.7	+43	+76	+101	+75	+17	+2.1	-6.1	+59	+7.6	+2.3	+1.0	+0.3	+3.5	+0.42	+0.62	--	+\$138	+\$121	+\$157	+\$127
34	NGXL21	+3.4	+1.9	-5.2	+2.6	+43	+77	+105	+82	+18	+3.1	-6.0	+63	+5.2	+1.8	+1.4	-0.1	+3.5	+0.33	+0.52	--	+\$137	+\$118	+\$156	+\$126
35	NGXL115	+4.3	+2.7	-6.6	+2.7	+48	+83	+113	+96	+18	+3.0	-6.2	+63	+4.9	+2.4	+1.4	-0.3	+3.1	+0.31	+0.36	--	+\$137	+\$118	+\$152	+\$128
36	NGXL132	+3.6	+1.5	-7.1	+2.2	+37	+69	+88	+75	+13	+2.1	-5.0	+52	+6.7	+3.2	+2.6	+0.0	+2.5	+0.40	+0.66	--	+\$116	+\$109	+\$121	+\$112
37	NGXL162	-1.6	-2.9	-1.9	+4.9	+45	+80	+102	+70	+21	+1.5	-6.5	+68	+5.3	+1.4	+0.6	-0.7	+3.7	+0.31	+0.35	--	+\$121	+\$108	+\$139	+\$111
38	NGXL45	-0.5	-0.7	-5.1	+6.4	+50	+86	+120	+125	+16	+2.0	-5.4	+67	+10.1	-2.1	-1.6	+2.2	+1.1	+0.14	+0.21	--	+\$124	+\$112	+\$131	+\$121
39	NGXL57	+2.9	+2.3	-6.0	+3.6	+40	+75	+102	+92	+22	+2.7	-5.5	+50	+5.6	+0.3	+1.3	+0.2	+1.7	+0.23	+0.33	--	+\$114	+\$105	+\$116	+\$112
40	NGXL114	+3.1	+1.1	-6.4	+1.8	+35	+70	+85	+46	+25	+1.9	-6.7	+50	+5.0	+1.5	+1.6	-0.6	+2.9	+0.38	+0.51	--	+\$115	+\$109	+\$122	+\$110
41	NGXL150	+1.6	+1.6	-1.9	+3.2	+39	+73	+91	+61	+16	+2.6	-4.8	+51	+3.2	+1.0	+0.4	-1.2	+3.6	+0.34	+0.46	--	+\$111	+\$106	+\$125	+\$104
42	NGXL122	+2.6	+3.1	-4.2	+2.1	+43	+78	+93	+59	+20	+1.4	-6.2	+59	+7.8	+1.0	+1.3	+0.6	+1.6	+0.39	+0.37	--	+\$119	+\$118	+\$115	+\$118
43	NGXK906	+1.1	-1.1	-6.7	+2.4	+46	+83	+106	+85	+17	+0.8	-6.0	+66	+5.5	+4.0	+3.3	-0.6	+1.9	+0.25	+0.32	--	+\$118	+\$110	+\$117	+\$118
44	NGXK922	+1.5	-0.4	-5.5	+3.5	+41	+70	+100	+75	+22	+0.5	-6.9	+55	+4.5	+2.8	+3.6	-0.8	+2.5	+0.30	+0.29	--	+\$120	+\$103	+\$125	+\$116

45	NGKK599	+1.7	+0.4	-4.8	+4.8	+4.4	+85	+117	+117	+17	+2.4	-2.2	+69	+5.5	-0.6	-0.8	+0.9	+0.8	+0.11	+0.27	--	+	+\$104	+	+\$102	+	+\$107
46	NGKK763	+2.9	+4.2	-7.5	+2.8	+4.0	+72	+97	+78	+12	+0.1	-5.7	+57	+5.3	-1.1	-1.2	+0.7	+1.1	-0.08	-0.32	--	+	+\$110	+	+\$108	+	+\$110
47	NGKK688	+2.0	+2.3	-2.1	+4.1	+3.5	+57	+80	+49	+18	+0.1	-4.4	+49	+8.5	+0.2	+0.6	+0.8	+1.6	+0.00	-0.01	--	+	+\$101	+	+\$98	+	+\$102
48	NGKK412	+1.5	+0.7	-3.3	+2.8	+3.9	+74	+92	+61	+14	+2.9	-4.1	+54	+6.0	-0.1	-0.1	+0.9	+2.4	+0.14	+0.39	--	+	+\$115	+	+\$114	+	+\$112
49	NGKK655	+0.4	+1.4	-4.1	+4.3	+4.2	+78	+112	+100	+11	+1.5	-3.1	+58	+6.8	-2.2	-2.9	+0.9	+2.6	+0.07	+0.28	--	+	+\$121	+	+\$107	+	+\$114
50	NGKK731	+4.0	+2.9	-4.5	+1.0	+4.0	+69	+81	+41	+19	+0.7	-2.3	+43	+9.5	+1.5	-0.5	+0.9	+0.8	-0.04	+0.00	--	+	+\$89	+	+\$104	+	+\$98
51	NGKK410	+1.0	+0.6	-3.3	+4.4	+4.9	+78	+109	+78	+21	+2.9	-5.5	+60	+9.1	+1.2	+1.9	+0.2	+2.0	+0.10	+0.01	--	+	+\$123	+	+\$110	+	+\$122
52	NGKK818	+4.2	+3.1	-4.8	+1.2	+4.1	+76	+90	+49	+25	+0.1	-4.6	+52	+8.7	-0.3	-1.3	+1.3	+2.3	+0.03	+0.06	--	+	+\$119	+	+\$120	+	+\$116
53	NGKK362	-8.4	-4.0	-1.5	+5.4	+3.8	+68	+91	+72	+16	+1.9	-4.6	+49	+8.1	-0.2	-0.4	+0.9	+2.7	+0.16	+0.27	--	+	+\$94	+	+\$88	+	+\$88
54	NGKK585	+4.2	+3.9	-4.6	+2.0	+5.1	+94	+114	+82	+24	+1.7	-2.5	+71	+8.1	-1.1	-2.6	+1.8	+1.4	+0.10	+0.38	--	+	+\$121	+	+\$125	+	+\$122
55	NGKK611	+3.6	+2.7	-7.1	+3.8	+4.9	+85	+111	+96	+12	+2.1	-3.9	+69	+7.8	-1.8	-2.3	+1.8	+1.5	+0.22	+0.48	--	+	+\$123	+	+\$119	+	+\$121
56	NGKK993	-0.4	-2.3	-4.0	+4.2	+4.2	+80	+108	+106	+20	+0.6	-3.4	+64	+4.8	+0.7	-0.4	-0.4	+3.8	+0.04	+0.10	--	+	+\$116	+	+\$103	+	+\$106
57	NGKK563	-3.7	-3.1	-2.0	+3.4	+3.9	+71	+89	+65	+15	+2.9	-4.0	+52	+8.5	-0.7	+0.8	+0.7	+2.1	+0.15	+0.43	--	+	+\$98	+	+\$98	+	+\$97
58	NGKK779	-5.0	-3.7	-2.5	+6.5	+5.7	+99	+127	+107	+19	+2.3	-5.4	+77	+10.2	+0.5	+1.1	+1.4	+1.4	+0.15	+0.02	--	+	+\$125	+	+\$115	+	+\$124
59	NGKK970	-1.4	-1.6	-3.7	+4.7	+5.0	+84	+107	+82	+18	+1.4	-5.3	+76	+6.1	+1.8	+1.4	-1.0	+3.1	+0.62	+0.59	--	+	+\$115	+	+\$106	+	+\$110
60	NGKK878	-0.9	-2.5	-5.1	+3.4	+3.9	+72	+93	+69	+13	+2.3	-5.5	+57	+5.8	+1.9	+2.7	-1.7	+4.1	+0.72	+0.88	--	+	+\$117	+	+\$102	+	+\$107
61	NGKK633	-1.2	-1.2	-1.7	+3.8	+4.0	+70	+100	+61	+22	+0.5	-6.0	+58	+8.6	+3.0	+2.8	-0.1	+2.7	+0.30	+0.31	--	+	+\$124	+	+\$105	+	+\$119
62	NGKK940	-0.4	-1.1	-2.5	+3.9	+4.1	+78	+103	+83	+18	+0.7	-6.3	+60	+7.0	+3.3	+3.7	-0.7	+3.0	+0.38	+0.46	--	+	+\$127	+	+\$110	+	+\$120
63	NGKK109	+4.1	+3.9	-4.7	+3.2	+4.5	+74	+105	+78	+22	+1.0	-6.6	+53	+9.5	-1.5	-1.7	+1.6	+2.2	+0.03	+0.05	--	+	+\$135	+	+\$119	+	+\$128
64	NGKK234	+0.8	-1.5	-0.9	+3.5	+5.3	+96	+122	+107	+15	+2.4	-5.1	+69	+5.6	+2.1	-0.4	+0.4	+2.1	+0.17	+0.41	--	+	+\$127	+	+\$119	+	+\$123
65	NGKK705	+1.0	+0.0	-6.0	+4.5	+4.3	+77	+101	+73	+15	+2.3	-6.3	+58	+8.0	+0.5	+0.0	+0.5	+2.7	+0.34	+0.53	--	+	+\$128	+	+\$115	+	+\$120
66	NGKK736	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
67	NGKK487	+3.4	+1.1	-5.3	+3.6	+3.5	+64	+84	+71	+14	+1.4	-5.2	+44	+7.0	-0.1	+0.6	+0.8	+1.6	+0.16	+0.28	--	+	+\$105	+	+\$103	+	+\$104
68	NGKK911	+2.6	+1.7	-6.4	+3.7	+4.3	+80	+102	+76	+18	+3.3	-5.1	+58	+6.5	+1.7	+1.7	-0.1	+1.7	+0.29	+0.57	--	+	+\$115	+	+\$110	+	+\$115
69	NGKK603	-0.8	-0.3	-3.4	+4.7	+4.7	+88	+116	+93	+21	+1.8	-2.1	+65	+7.5	+1.1	+0.5	+0.9	+0.5	+0.04	+0.17	--	+	+\$102	+	+\$103	+	+\$109
70	NGKK106	+1.8	+0.9	-4.8	+3.7	+4.0	+70	+90	+63	+17	+1.9	-5.4	+52	+7.6	-1.2	-2.2	+1.6	+1.6	+0.06	+0.28	--	+	+\$109	+	+\$109	+	+\$107
71	NGKL75	-2.9	-2.8	-2.8	+5.7	+4.5	+86	+117	+111	+15	+1.3	-1.9	+67	+3.7	+0.0	+0.0	+0.0	+3.0	+0.10	+0.18	--	+	+\$111	+	+\$100	+	+\$105
72	NGKL27	-6.9	-4.8	-2.5	+5.8	+4.8	+89	+117	+115	+19	+0.8	-4.7	+73	+6.6	-0.4	-1.1	+0.7	+3.0	+0.16	+0.19	--	+	+\$113	+	+\$101	+	+\$104
73	NGXL126	-4.2	+1.1	-4.2	+3.8	+4.3	+76	+98	+72	+17	+1.8	-4.7	+54	+4.8	-0.1	+0.2	-0.2	+3.4	+0.13	+0.09	--	+	+\$110	+	+\$102	+	+\$103
74	NGXL156	-1.8	+1.4	-2.5	+3.3	+4.2	+72	+89	+60	+15	+1.5	-5.4	+48	+3.8	-1.8	-1.3	+0.0	+3.0	-0.02	+0.00	--	+	+\$105	+	+\$103	+	+\$99
75	NGKL92	-3.8	+1.4	-2.7	+2.9	+4.0	+75	+93	+71	+20	+2.3	-6.2	+51	+4.8	+0.4	+1.0	-0.8	+4.1	+0.19	+0.27	--	+	+\$116	+	+\$105	+	+\$104
76	NGXL173	-3.7	+0.5	-3.0	+4.5	+5.1	+90	+117	+87	+22	+2.3	-4.8	+64	+7.7	-0.4	-0.1	+0.3	+2.3	+0.03	+0.10	--	+	+\$118	+	+\$109	+	+\$115
77	NGKL83	+1.0	+0.7	-4.4	+3.4	+4.2	+74	+99	+77	+20	+2.0	-3.2	+59	+6.6	+0.3	+0.5	+0.7	+2.5	+0.06	+0.08	--	+	+\$113	+	+\$108	+	+\$111
78	NGKL67	+2.4	+1.1	-4.4	+2.7	+3.8	+73	+94	+61	+17	+1.4	-2.2	+57	+4.8	-0.5	-1.0	+0.3	+2.4	+0.21	+0.28	--	+	+\$104	+	+\$105	+	+\$103
79	NGXL249	+2.0	+0.9	-4.7	+3.1	+4.2	+78	+96	+71	+12	+1.1	-4.1	+57	+4.8	+1.0	+0.0	+0.1	+2.8	+0.30	+0.38	--	+	+\$117	+	+\$114	+	+\$112
80	NGXL174	+0.7	-0.2	-3.6	+3.4	+4.4	+82	+100	+77	+15	+2.5	-4.9	+59	+5.3	+1.7	+2.2	-0.5	+2.8	+0.44	+0.35	--	+	+\$118	+	+\$113	+	+\$114
81	NGXL215	+3.1	+1.1	-5.3	+2.3	+4.2	+80	+100	+79	+15	+2.5	-5.9	+64	+6.1	+1.0	+0.1	+0.6	+3.0	+0.38	+0.58	--	+	+\$132	+	+\$121	+	+\$123
82	NGXL121	+3.7	+1.6	-6.9	+1.5	+3.9	+71	+87	+66	+15	+2.4	-5.3	+56	+8.5	+3.2	+2.5	+0.0	+2.6	+0.53	+0.90	--	+	+\$118	+	+\$113	+	+\$115
83	NGXL37	+2.1	+0.7	-4.4	+3.8	+4.1	+70	+93	+68	+15	+3.7	-4.6	+52	+6.0	-1.1	+0.0	+1.7	+1.8	+0.17	+0.33	--	+	+\$115	+	+\$112	+	+\$113
84	NGXL31	+3.2	+2.2	-5.8	+4.5	+4.4	+74	+107	+92	+22	+2.8	-6.1	+55	+8.2	-1.2	-0.5	+1.5	+1.6	+0.02	+0.16	--	+	+\$125	+	+\$111	+	+\$121
85	NGXL72	-2.8	-0.6	-1.5	+4.9	+4.5	+76	+111	+87	+25	+1.7	-3.5	+65	+10.8	-2.8	-2.9	+1.8	+1.9	-0.21	-0.25	--	+	+\$111	+	+\$100	+	+\$108
86	NGXL270	+0.3	-1.1	-3.8	+3.4	+4.2	+76	+98	+79	+19	+1.6	-6.1	+64	+3.6	+3.5	+4.4	-1.3	+2.6	+0.44	+0.48	--	+	+\$112	+	+\$103	+	+\$110

Calving Ease Dir	Calving Ease Dtrs	Gest Length	Birth Wt	200 Day Wt	400 Day Wt	600 Day Wt	Mat Cow Wt	Milk	Scrotal Size	Days to Calving	Carc. Wt	EMA	Rib Fat	Rump Fat	RBV %	IMF %	NFI - P	NFI - F	Docility	Angus Breeding	Domestic	Heavy Grain	Heavy Grass		
-0.1	-0.1	-3.5	+4.3	+41	+75	+98	+86	+14	+1.6	-3.6	+54	+4.4	+0.0	+0.0	+0.3	+1.5	+0.09	+0.15	+4	+	+\$101	+	+\$103	+	+\$101



2016 BONGONGO ANGUS BULL SALE LOTS

Lot 57 BONGONGO K563 (APR) NGXK563 Verified to Sire

Calved: 12/09/2014 Tattoo: GX K563 (T&F) Genetic Status: AMF NHF CAFU DD1% Reg'n Level: APR
 DUNOON EVIDENT E614 (AI) (ET) TE MANIA INFINITY 04 379 AB
SIRE: NGXH712 BONGONGO H712 (AI) **DAM: NGXD475 BONGONGO D475 (APR) (AI)**
 BONGONGO D252 (AI) (ET) BONGONGO X205 (APR) (AI)

September 2016 Angus Australia BREEDPLAN

	Birth Weight (kg)	200 Day Weight (kg)	400 Day Weight (kg)	600 Day Weight (kg)	MCW (kg)	Milk (kg)	Scrotal Size (cm)	CWT (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV %	IMF %	NFI-P (kg/day)	NFI-F (kg/day)	Docility
EBV	+3.4	+39	+71	+89	+65	+15	+2.9	+52	+8.5	-0.7	+0.8	+0.7	+2.1	+0.15	+0.43	--
ACC	73%	67%	67%	69%	70%	58%	67%	60%	52%	57%	54%	46%	49%	40%	40%	

Traits Observed: CE,BWT,200WT,Genomics

BREEDOBJECT \$INDEX VALUES

Angus Breeding	Heavy Grass	Domestic	Heavy Grain
+\$98	+\$97	+\$98	+\$97

Purchaser \$

Lot 58 BONGONGO K779 (AI) NGXK779 Verified to Sire

Calved: 03/09/2014 Tattoo: GX K779 (T&F) Genetic Status: AMFU NHFU CAFU DDFU Reg'n Level: HBR
 BT CROSSOVER 758N BT RIGHT TIME 24J
SIRE: USA16262077 SILVEIRAS CONVERSION 8064 **DAM: NGXE470 BONGONGO E470 (AI)**
 EXG SARAS DREAM S609 R3 BONGONGO Z9 (AI)

September 2016 Angus Australia BREEDPLAN

	Birth Weight (kg)	200 Day Weight (kg)	400 Day Weight (kg)	600 Day Weight (kg)	MCW (kg)	Milk (kg)	Scrotal Size (cm)	CWT (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV %	IMF %	NFI-P (kg/day)	NFI-F (kg/day)	Docility
EBV	+6.5	+57	+99	+127	+107	+19	+2.3	+77	+10.2	+0.5	+1.1	+1.4	+1.4	+0.15	+0.02	--
ACC	77%	72%	73%	76%	75%	64%	76%	65%	62%	65%	63%	55%	57%	43%	44%	

Traits Observed: GL,CE,BWT,200WT,600WT,SS,FAT,EMA,IMF,Genomics

BREEDOBJECT \$INDEX VALUES

Angus Breeding	Heavy Grass	Domestic	Heavy Grain
+\$125	+\$124	+\$115	+\$127

Purchaser \$

Lot 59 BONGONGO K970 (APR) (AI) NGXK970 Verified to Sire

Calved: 07/09/2014 Tattoo: GX K970 (T&F) Genetic Status: AMFU NHFU CAF DDF Reg'n Level: APR
 TUWHARETOA REGENT D145 (AI) (ET) KMK ALLIANCE 6595 I87
SIRE: NJWG279 MILWILLAH GATSBY G279 (AI) **DAM: NGXD10 BONGONGO D10 (APR) (AI)**
 MILWILLAH LOWAN D112 (AI) BONGONGO B99 (APR)

September 2016 Angus Australia BREEDPLAN

	Birth Weight (kg)	200 Day Weight (kg)	400 Day Weight (kg)	600 Day Weight (kg)	MCW (kg)	Milk (kg)	Scrotal Size (cm)	CWT (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV %	IMF %	NFI-P (kg/day)	NFI-F (kg/day)	Docility
EBV	+4.7	+50	+84	+107	+82	+18	+1.4	+76	+6.1	+1.8	+1.4	-1.0	+3.1	+0.62	+0.59	--
ACC	76%	72%	71%	74%	72%	60%	71%	62%	57%	62%	59%	51%	55%	42%	42%	

Traits Observed: GL,CE,BWT,200WT,Genomics

BREEDOBJECT \$INDEX VALUES

Angus Breeding	Heavy Grass	Domestic	Heavy Grain
+\$115	+\$110	+\$106	+\$124

Purchaser \$

Lot 60 BONGONGO K878 (APR) (AI) NGXK878 Verified to Sire

Calved: 04/09/2014 Tattoo: GX K878 (T&F) Genetic Status: AMF NHF CAFU DDF Reg'n Level: APR
 TUWHARETOA REGENT D145 (AI) (ET) TE MANIA INFINITY 04 379 AB
SIRE: NJWG279 MILWILLAH GATSBY G279 (AI) **DAM: NGXD68 BONGONGO D68 (APR) (AI)**
 MILWILLAH LOWAN D112 (AI) BONGONGO Z158 (APR)

September 2016 Angus Australia BREEDPLAN

	Birth Weight (kg)	200 Day Weight (kg)	400 Day Weight (kg)	600 Day Weight (kg)	MCW (kg)	Milk (kg)	Scrotal Size (cm)	CWT (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV %	IMF %	NFI-P (kg/day)	NFI-F (kg/day)	Docility
EBV	+3.4	+39	+72	+93	+69	+13	+2.3	+57	+5.8	+1.9	+2.7	-1.7	+4.1	+0.72	+0.88	--
ACC	77%	73%	72%	74%	73%	61%	71%	63%	58%	62%	59%	51%	56%	44%	44%	

Traits Observed: GL,CE,BWT,200WT,Genomics

BREEDOBJECT \$INDEX VALUES

Angus Breeding	Heavy Grass	Domestic	Heavy Grain
+\$117	+\$107	+\$102	+\$134

Purchaser \$



2016 BONGONGO ANGUS BULL SALE LOTS

Lot 61 BONGONGO K633 (AI) NGXK633 Verified to Sire

Calved: 02/09/2014 Tattoo: GX K633 (T&F) Genetic Status: AMFU NHFU CAFU DDF Reg'n Level: HBR
 TUWHARETOA REGENT D145 (AI) (ET) B/R NEW DIMENSION 7127
SIRE: NENG220 KAROO D145 GENERATOR G220 (AI) DAM: NGXF287 BONGONGO F287 (AI) (ET)
 KAROO WILCOOLA B15 (AI) (ET) BONGONGO NGXX9 (AI)

September 2016 Angus Australia BREEDPLAN

	Birth Weight (kg)	200 Day Weight (kg)	400 Day Weight (kg)	600 Day Weight (kg)	MCW (kg)	Milk (kg)	Scrotal Size (cm)	CWT (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV %	IMF %	NFI-P (kg/day)	NFI-F (kg/day)	Docility
EBV	+3.8	+40	+70	+100	+61	+22	+0.5	+58	+8.6	+3.0	+2.8	-0.1	+2.7	+0.30	+0.31	--
ACC	77%	72%	71%	73%	72%	61%	71%	63%	58%	62%	59%	52%	56%	45%	45%	

Traits Observed: GL,CE,BWT,200WT,Genomics

BREEDOBJECT \$INDEX VALUES

Angus Breeding	Heavy Grass	Domestic	Heavy Grain
+\$124	+\$119	+\$105	+\$130

Purchaser \$

Lot 62 BONGONGO K940 (APR) (AI) NGXK940 Verified to Sire

Calved: 02/09/2014 Tattoo: GX K940 (T&F) Genetic Status: AMFU NHFU CAFU DDC Reg'n Level: APR
 TUWHARETOA REGENT D145 (AI) (ET) RENNYLEA C511 (APR) (AI) (ET)
SIRE: NENG220 KAROO D145 GENERATOR G220 (AI) DAM: NGXG269 BONGONGO G269 (APR) (AI)
 KAROO WILCOOLA B15 (AI) (ET) BONGONGO E481

September 2016 Angus Australia BREEDPLAN

	Birth Weight (kg)	200 Day Weight (kg)	400 Day Weight (kg)	600 Day Weight (kg)	MCW (kg)	Milk (kg)	Scrotal Size (cm)	CWT (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV %	IMF %	NFI-P (kg/day)	NFI-F (kg/day)	Docility
EBV	+3.9	+41	+78	+103	+83	+18	+0.7	+60	+7.0	+3.3	+3.7	-0.7	+3.0	+0.38	+0.46	--
ACC	76%	71%	71%	72%	72%	59%	70%	62%	57%	61%	58%	50%	54%	42%	42%	

Traits Observed: GL,CE,BWT,200WT,Genomics

BREEDOBJECT \$INDEX VALUES

Angus Breeding	Heavy Grass	Domestic	Heavy Grain
+\$127	+\$120	+\$110	+\$138

Purchaser \$

Lot 63 BONGONGO K1090 (AI) NGXK1090 Verified to Sire

Calved: 06/09/2014 Tattoo: GX K1090 (T&F) Genetic Status: AMFU NHFU CAFU DDF Reg'n Level: HBR
 WK VEGAS BON VIEW NEW DESIGN 1407
SIRE: USA16154968 WK REPLAY DAM: NGXD32 BONGONGO D32 (AI) (ET)
 S A F PENELOPE P020 BONGONGO NGXX9 (AI)

September 2016 Angus Australia BREEDPLAN

	Birth Weight (kg)	200 Day Weight (kg)	400 Day Weight (kg)	600 Day Weight (kg)	MCW (kg)	Milk (kg)	Scrotal Size (cm)	CWT (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV %	IMF %	NFI-P (kg/day)	NFI-F (kg/day)	Docility
EBV	+3.2	+45	+74	+105	+78	+22	+1.0	+53	+9.5	-1.5	-1.7	+1.6	+2.2	+0.03	+0.05	--
ACC	77%	73%	72%	74%	74%	68%	72%	67%	61%	65%	63%	57%	59%	49%	50%	

Traits Observed: GL,CE,BWT,200WT,Genomics

Dam D32 is full sister to Bulletproof

BREEDOBJECT \$INDEX VALUES

Angus Breeding	Heavy Grass	Domestic	Heavy Grain
+\$135	+\$128	+\$119	+\$146

Purchaser \$

Lot 64 BONGONGO K234 (APR) (AI) NGXK234 Verified to Sire

Calved: 07/08/2014 Tattoo: GX K234 (T&F) Genetic Status: AMF NHFU CAFU DDF Reg'n Level: APR
 S A V FINAL ANSWER 0035 RENNYLEA EDMUND E11 (AI) (ET)
SIRE: USA16396499 S A V THUNDERBIRD 9061 DAM: NGXH259 BONGONGO H259 (APR) (AI)
 S A V EMBLYNETTE 7411 BONGONGO F521 (APR) (AI)

September 2016 Angus Australia BREEDPLAN

	Birth Weight (kg)	200 Day Weight (kg)	400 Day Weight (kg)	600 Day Weight (kg)	MCW (kg)	Milk (kg)	Scrotal Size (cm)	CWT (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV %	IMF %	NFI-P (kg/day)	NFI-F (kg/day)	Docility
EBV	+3.5	+53	+96	+122	+107	+15	+2.4	+69	+5.6	+2.1	-0.4	+0.4	+2.1	+0.17	+0.41	--
ACC	76%	71%	70%	72%	72%	63%	71%	63%	57%	61%	58%	50%	54%	41%	43%	

Traits Observed: GL,CE,BWT,200WT,Genomics

BREEDOBJECT \$INDEX VALUES

Angus Breeding	Heavy Grass	Domestic	Heavy Grain
+\$127	+\$123	+\$119	+\$136

Purchaser \$



2016 BONGONGO ANGUS BULL SALE LOTS

Lot 65 BONGONGO K705 (APR)

NGXK705

Verified to Sire

Calved: 26/10/2014 Tattoo: GX K705 (T&F) Genetic Status: AMFU NHF CAF DDF Reg'n Level: APR
 RENNYLEA EDMUND E11 (AI) (ET) RENNYLEA B77 (APR) (AI) (ET)
 SIRE: NGXH137 BONGONGO H137 (AI) DAM: NGXF248 BONGONGO F247 F248 (APR) (AI)
 BONGONGO F709 BONGONGO D138 (APR)

September 2016 Angus Australia BREEDPLAN

	Birth Weight (kg)	200 Day Weight (kg)	400 Day Weight (kg)	600 Day Weight (kg)	MCW (kg)	Milk (kg)	Scrotal Size (cm)	CWT (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBY %	IMF %	NFI-P (kg/day)	NFI-F (kg/day)	Docility
EBV	+4.5	+43	+77	+101	+73	+15	+2.3	+58	+8.0	+0.5	+0.0	+0.5	+2.7	+0.34	+0.53	--
ACC	74%	68%	67%	69%	70%	58%	66%	59%	50%	56%	53%	44%	47%	35%	36%	

Traits Observed: CE,BWT,200WT,Genomics

BREEDOBJECT \$INDEX VALUES

Angus Breeding	Heavy Grass	Domestic	Heavy Grain
+\$128	+\$120	+\$115	+\$141

Purchaser \$

Lot 66 BONGONGO K736 (APR)

NGXK736

Verified to Sire

Calved: 29/09/2014 Tattoo: GX K736 (T&F) Genetic Status: Reg'n Level: Base
 RENNYLEA EDMUND E11 (AI) (ET)
 SIRE: NGXH142 BONGONGO H142 (APR) (AI) DAM:
 BONGONGO F532 (APR) (AI)

	Birth Weight (kg)	200 Day Weight (kg)	400 Day Weight (kg)	600 Day Weight (kg)	MCW (kg)	Milk (kg)	Scrotal Size (cm)	CWT (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBY %	IMF %	NFI-P (kg/day)	NFI-F (kg/day)	Docility
EBV	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
ACC																

Traits Observed:

BREEDOBJECT \$INDEX VALUES

Angus Breeding	Heavy Grass	Domestic	Heavy Grain
--	--	--	--

Purchaser \$

Lot 67 BONGONGO K487 (APR)

NGXK487

Verified to Sire

Calved: 20/08/2014 Tattoo: GX K487 (T&F) Genetic Status: AMFU NHFU CAFU DDC Reg'n Level: APR
 CARABAR DOCKLANDS D62 (AI) YTHANBRAE NEW DESIGN 036 V404 (AI) (ET)
 SIRE: AHWH11 ABERDEEN ESTATE HARPER H11 (AI) DAM: NGXB100 BONGONGO B100 (APR)
 KANSAS ANNIE C11 (AI) (ET) BONGONGO U77 (APR) (AI)

September 2016 Angus Australia BREEDPLAN

	Birth Weight (kg)	200 Day Weight (kg)	400 Day Weight (kg)	600 Day Weight (kg)	MCW (kg)	Milk (kg)	Scrotal Size (cm)	CWT (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBY %	IMF %	NFI-P (kg/day)	NFI-F (kg/day)	Docility
EBV	+3.6	+35	+64	+84	+71	+14	+1.4	+44	+7.0	-0.1	+0.6	+0.8	+1.6	+0.16	+0.28	--
ACC	75%	69%	68%	71%	71%	59%	68%	60%	51%	57%	53%	44%	48%	36%	36%	

Traits Observed: CE,BWT,200WT,Genomics

BREEDOBJECT \$INDEX VALUES

Angus Breeding	Heavy Grass	Domestic	Heavy Grain
+\$105	+\$104	+\$103	+\$104

Purchaser \$

Lot 68 BONGONGO K911 (APR) (AI)

NGXK911

Verified to Sire

Calved: 30/08/2014 Tattoo: GX K911 (T&F) Genetic Status: AMFU NHFU CAFU DDFU Reg'n Level: APR
 MATAURI REALITY 839 RENNYLEA C510 (APR) (AI) (ET)
 SIRE: NZE14647010F030 MATAURI RESOLUTION F030 DAM: NGXG581 BONGONGO G581 (APR) (AI)
 MATAURI 08817 BONGONGO B558 (APR) (AI)

September 2016 Angus Australia BREEDPLAN

	Birth Weight (kg)	200 Day Weight (kg)	400 Day Weight (kg)	600 Day Weight (kg)	MCW (kg)	Milk (kg)	Scrotal Size (cm)	CWT (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBY %	IMF %	NFI-P (kg/day)	NFI-F (kg/day)	Docility
EBV	+3.7	+43	+80	+102	+76	+18	+3.3	+58	+6.5	+1.7	+1.7	-0.1	+1.7	+0.29	+0.57	--
ACC	76%	70%	69%	72%	71%	59%	69%	61%	54%	60%	56%	47%	52%	37%	37%	

Traits Observed: GL,CE,BWT,200WT,Genomics

BREEDOBJECT \$INDEX VALUES

Angus Breeding	Heavy Grass	Domestic	Heavy Grain
+\$115	+\$115	+\$110	+\$114

Purchaser \$



2016 BONGONGO ANGUS BULL SALE LOTS

Lot 69 BONGONGO K603 (APR) (AI) NGXK603 Verified to Sire

Calved: 01/09/2014 Tattoo: GX K603 (T&F) Genetic Status: AMFU NHFU CAF DDFU Reg'n Level: APR
 ARDROSSAN FAIRFAX F21 (AI) TC ABERDEEN 759
SIRE: NGXH411 BONGONGO H411 (APR) (AI) **DAM: NGXG301 BONGONGO G301 (AI)**
 BONGONGO E103 (APR) BONGONGO E668 (AI)

September 2016 Angus Australia BREEDPLAN

	Birth Weight (kg)	200 Day Weight (kg)	400 Day Weight (kg)	600 Day Weight (kg)	MCW (kg)	Milk (kg)	Scrotal Size (cm)	CWT (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBY %	IMF %	NFI-P (kg/day)	NFI-F (kg/day)	Docility
EBV	+4.7	+47	+88	+116	+93	+21	+1.8	+65	+7.5	+1.1	+0.5	+0.9	+0.5	+0.04	+0.17	--
ACC	74%	67%	66%	68%	68%	56%	65%	58%	48%	54%	51%	40%	44%	33%	35%	

Traits Observed: GL,CE,BWT,200WT,600WT,SS,FAT,EMA,IMF,Genomics

BREEDOBJECT \$INDEX VALUES

Angus Breeding	Heavy Grass	Domestic	Heavy Grain
+\$102	+\$109	+\$103	+\$90

Purchaser \$

Lot 70 BONGONGO K1063 (APR) (AI) NGXK1063 Verified to Sire

Calved: 07/09/2014 Tattoo: GX K1063 (T&F) Genetic Status: AMFU NHFU CAFU DDF Reg'n Level: APR
 WK VEGAS ARDROSSAN ADMIRAL A2 (AI) (ET)
SIRE: USA16154968 WK REPLAY **DAM: NGXD615 BONGONGO D615 (APR) (AI)**
 S A F PENELOPE P020 BONGONGO W73 (APR)

September 2016 Angus Australia BREEDPLAN

	Birth Weight (kg)	200 Day Weight (kg)	400 Day Weight (kg)	600 Day Weight (kg)	MCW (kg)	Milk (kg)	Scrotal Size (cm)	CWT (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBY %	IMF %	NFI-P (kg/day)	NFI-F (kg/day)	Docility
EBV	+3.7	+40	+70	+90	+63	+17	+1.9	+52	+7.6	-1.2	-2.2	+1.6	+1.6	+0.06	+0.28	--
ACC	77%	72%	71%	73%	74%	66%	71%	65%	59%	64%	61%	54%	57%	46%	47%	

Traits Observed: GL,CE,BWT,200WT,Genomics

BREEDOBJECT \$INDEX VALUES

Angus Breeding	Heavy Grass	Domestic	Heavy Grain
+\$109	+\$107	+\$109	+\$112

Purchaser \$

Lot 71 BONGONGO L75 (APR) (AI) (ET) NGXL75 Verified to Mating

Calved: 25/03/2015 Tattoo: GX L75 (T&F) Genetic Status: AMFU NHFU CAFU DDFU Reg'n Level: APR
 TUWHARETOA REGENT D145 (AI) (ET) VERMONT UNLIMITED Z128 (AI)
SIRE: NORG255 RENNYLEA G255 (APR) (ET) **DAM: BGRC557 BGRAHAM C557**
 RENNYLEA C490 (APR) (AI) (ET) BGRAHAM A174 (AI) (ET)

September 2016 Angus Australia BREEDPLAN

	Birth Weight (kg)	200 Day Weight (kg)	400 Day Weight (kg)	600 Day Weight (kg)	MCW (kg)	Milk (kg)	Scrotal Size (cm)	CWT (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBY %	IMF %	NFI-P (kg/day)	NFI-F (kg/day)	Docility
EBV	+5.7	+45	+86	+117	+111	+15	+1.3	+67	+3.7	+0.0	+0.0	+0.0	+3.0	+0.10	+0.18	--
ACC	65%	64%	66%	69%	68%	60%	70%	58%	55%	59%	56%	47%	52%	44%	47%	

Traits Observed: BWT,200WT,600WT,SS,FAT,EMA,IMF,Genomics

BREEDOBJECT \$INDEX VALUES

Angus Breeding	Heavy Grass	Domestic	Heavy Grain
+\$111	+\$105	+\$100	+\$126

Purchaser \$

Lot 72 BONGONGO L27 (APR) (AI) NGXL27 Verified to Sire

Calved: 14/03/2015 Tattoo: GX L27 (T&F) Genetic Status: AMFU NHF CAFU DDF Reg'n Level: APR
 TUWHARETOA REGENT D145 (AI) (ET) LAWSONS GENERAL G1730 (AI)
SIRE: NORG255 RENNYLEA G255 (APR) (ET) **DAM: NGXJ55 BONGONGO J55 (APR) (AI)**
 RENNYLEA C490 (APR) (AI) (ET) BONGONGO G189 (APR)

September 2016 Angus Australia BREEDPLAN

	Birth Weight (kg)	200 Day Weight (kg)	400 Day Weight (kg)	600 Day Weight (kg)	MCW (kg)	Milk (kg)	Scrotal Size (cm)	CWT (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBY %	IMF %	NFI-P (kg/day)	NFI-F (kg/day)	Docility
EBV	+5.8	+48	+89	+117	+115	+19	+0.8	+73	+6.6	-0.4	-1.1	+0.7	+3.0	+0.16	+0.19	--
ACC	76%	72%	72%	77%	73%	59%	78%	64%	61%	64%	63%	54%	56%	48%	51%	

Traits Observed: GL,BWT,200WT,600WT,SS,FAT,EMA,IMF,Genomics

BREEDOBJECT \$INDEX VALUES

Angus Breeding	Heavy Grass	Domestic	Heavy Grain
+\$113	+\$104	+\$101	+\$131

Purchaser \$




2016 BONGONGO ANGUS BULL SALE LOTS

Lot 73 BONGONGO L126 (APR) (AI) NGXL126 Verified to Sire

Calved: 22/03/2015 Tattoo: GX L126 (T&F) Genetic Status: AMF NHFU CAFU DDFU Reg'n Level: APR
 TC TOTAL 410 RENNYLEA B101 (APR) (AI) (ET)
 SIRE: VLYE313 LAWSONS NOVAK E313 (AI) DAM: NGXG177 BONGONGO G177 (APR) (AI)
 LAWSONS PREDESTINED B770 (AI) (ET) BONGONGO D78 (APR) (AI)

September 2016 Angus Australia BREEDPLAN

	Birth Weight (kg)	200 Day Weight (kg)	400 Day Weight (kg)	600 Day Weight (kg)	MCW (kg)	Milk (kg)	Scrotal Size (cm)	CWT (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV %	IMF %	NFI-P (kg/day)	NFI-F (kg/day)	Docility
 EBV	+3.8	+43	+76	+98	+72	+17	+1.8	+54	+4.8	-0.1	+0.2	-0.2	+3.4	+0.13	+0.09	--
ACC	77%	73%	73%	78%	76%	65%	79%	67%	65%	67%	67%	59%	60%	49%	50%	

Traits Observed: GL,BWT,200WT,600WT,SS,FAT,EMA,IMF,Genomics

BREEDOBJECT \$INDEX VALUES


Angus Breeding	Heavy Grass	Domestic	Heavy Grain
+\$110	+\$103	+\$102	+\$124

Purchaser \$

Lot 74 BONGONGO L156 (AI) NGXL156 Verified to Sire

Calved: 27/03/2015 Tattoo: GX L156 (T&F) Genetic Status: AMFU NHFU CAF DDFU Reg'n Level: HBR
 TC TOTAL 410 BONGONGO B270 (AI) (ET)
 SIRE: VLYE313 LAWSONS NOVAK E313 (AI) DAM: NGXF078 BONGONGO F078
 LAWSONS PREDESTINED B770 (AI) (ET) BONGONGO W47 (AI)

September 2016 Angus Australia BREEDPLAN

	Birth Weight (kg)	200 Day Weight (kg)	400 Day Weight (kg)	600 Day Weight (kg)	MCW (kg)	Milk (kg)	Scrotal Size (cm)	CWT (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV %	IMF %	NFI-P (kg/day)	NFI-F (kg/day)	Docility
 EBV	+3.3	+42	+72	+89	+60	+15	+1.5	+48	+3.8	-1.8	-1.3	+0.0	+3.0	-0.02	+0.00	--
ACC	77%	73%	73%	78%	76%	65%	79%	67%	65%	67%	66%	58%	59%	48%	50%	

Traits Observed: GL,BWT,200WT,600WT,SS,FAT,EMA,IMF,Genomics

BREEDOBJECT \$INDEX VALUES


Angus Breeding	Heavy Grass	Domestic	Heavy Grain
+\$105	+\$99	+\$103	+\$115

Purchaser \$

Lot 75 BONGONGO L92 (APR) (AI) (ET) NGXL92 Verified to Mating

Calved: 25/03/2015 Tattoo: GX L92 (T&F) Genetic Status: AMC NHFU CAFU DDFU Reg'n Level: APR
 TC TOTAL 410 RENNYLEA B101 (APR) (AI) (ET)
 SIRE: VLYE313 LAWSONS NOVAK E313 (AI) DAM: BNAD4 TUWHARETOA D4 (APR)
 LAWSONS PREDESTINED B770 (AI) (ET) TUWHARETOA B175 (APR) (AI) (ET)

September 2016 Angus Australia BREEDPLAN

	Birth Weight (kg)	200 Day Weight (kg)	400 Day Weight (kg)	600 Day Weight (kg)	MCW (kg)	Milk (kg)	Scrotal Size (cm)	CWT (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV %	IMF %	NFI-P (kg/day)	NFI-F (kg/day)	Docility
 EBV	+2.9	+40	+75	+93	+71	+20	+2.3	+51	+4.8	+0.4	+1.0	-0.8	+4.1	+0.19	+0.27	--
ACC	70%	68%	69%	71%	72%	67%	72%	63%	60%	64%	61%	54%	57%	46%	48%	

Traits Observed: BWT,200WT,600WT,SS,FAT,EMA,IMF,Genomics

BREEDOBJECT \$INDEX VALUES


Angus Breeding	Heavy Grass	Domestic	Heavy Grain
+\$116	+\$104	+\$105	+\$136

Purchaser \$

Lot 76 BONGONGO L173 (APR) (AI) NGXL173 Verified to Sire

Calved: 25/03/2015 Tattoo: GX L173 (T&F) Genetic Status: AMFU NHFU CAFU DDFU Reg'n Level: APR
 TC TOTAL 410 RENNYLEA C510 (APR) (AI) (ET)
 SIRE: VLYE313 LAWSONS NOVAK E313 (AI) DAM: NGXF689 BONGONGO F689 (APR) (AI)
 LAWSONS PREDESTINED B770 (AI) (ET) BONGONGO B130 (APR) (AI)

September 2016 Angus Australia BREEDPLAN

	Birth Weight (kg)	200 Day Weight (kg)	400 Day Weight (kg)	600 Day Weight (kg)	MCW (kg)	Milk (kg)	Scrotal Size (cm)	CWT (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV %	IMF %	NFI-P (kg/day)	NFI-F (kg/day)	Docility
 EBV	+4.5	+51	+90	+117	+87	+22	+2.3	+64	+7.7	-0.4	-0.1	+0.3	+2.3	+0.03	+0.10	--
ACC	77%	73%	73%	78%	76%	65%	79%	67%	65%	66%	65%	57%	60%	48%	50%	

Traits Observed: GL,BWT,200WT,600WT,SS,FAT,EMA,IMF,Genomics

BREEDOBJECT \$INDEX VALUES

Angus Breeding	Heavy Grass	Domestic	Heavy Grain
+\$118	+\$115	+\$109	+\$124

Purchaser \$



2016 BONGONGO ANGUS BULL SALE LOTS

Lot 77 BONGONGO L83 (AI) NGXL83 Verified to Mating

Calved: 23/03/2015 Tattoo: GX L83 (T&F) Genetic Status: AMFU NHFU CAFU DDFU Reg'n Level: HBR
 RENNYLEA EDMUND E11 (AI) (ET) HYLINE RIGHT TIME 338 (ET)
SIRE: NAQH255 ARDROSSAN HONOUR H255 (AI) **DAM: NGXE54 BONGONGO E54 (AI) (ET)**
 ARDROSSAN WILCOOLA D17 (AI) BONGONGO V9 (AI)

September 2016 Angus Australia BREEDPLAN

	Birth Weight (kg)	200 Day Weight (kg)	400 Day Weight (kg)	600 Day Weight (kg)	MCW (kg)	Milk (kg)	Scrotal Size (cm)	CWT (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV %	IMF %	NFI-P (kg/day)	NFI-F (kg/day)	Docility
EBV	+3.4	+42	+74	+99	+77	+20	+2.0	+59	+6.6	+0.3	+0.5	+0.7	+2.5	+0.06	+0.08	--
ACC	76%	72%	73%	77%	74%	60%	78%	64%	60%	64%	63%	54%	55%	45%	45%	

Traits Observed: GL,BWT,200WT,600WT,SS,FAT,EMA,IMF,Genomics

Full Brother to LOTS 20,21 &22

BREEDOBJECT \$INDEX VALUES

Angus Breeding	Heavy Grass	Domestic	Heavy Grain
+\$113	+\$111	+\$108	+\$120

Purchaser \$

Lot 78 BONGONGO L67 (AI) NGXL67 Verified to Sire

Calved: 23/03/2015 Tattoo: GX L67 (T&F) Genetic Status: AMFU NHFU CAFU DDFU Reg'n Level: HBR
 RENNYLEA EDMUND E11 (AI) (ET) IRONWOOD NEW LEVEL
SIRE: NAQH255 ARDROSSAN HONOUR H255 (AI) **DAM: NGXA234 BONGONGO NGXA234 (AI)**
 ARDROSSAN WILCOOLA D17 (AI) BONGONGO V103 (AI)

September 2016 Angus Australia BREEDPLAN

	Birth Weight (kg)	200 Day Weight (kg)	400 Day Weight (kg)	600 Day Weight (kg)	MCW (kg)	Milk (kg)	Scrotal Size (cm)	CWT (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV %	IMF %	NFI-P (kg/day)	NFI-F (kg/day)	Docility
EBV	+2.7	+38	+73	+94	+61	+17	+1.4	+57	+4.8	-0.5	-1.0	+0.3	+2.4	+0.21	+0.28	--
ACC	77%	73%	73%	77%	74%	62%	78%	64%	61%	64%	64%	55%	56%	44%	44%	

Traits Observed: GL,BWT,200WT,600WT,SS,FAT,EMA,IMF,Genomics

BREEDOBJECT \$INDEX VALUES

Angus Breeding	Heavy Grass	Domestic	Heavy Grain
+\$104	+\$103	+\$105	+\$109

Purchaser \$

Lot 79 BONGONGO L249 (AI) NGXL249 Verified to Sire

Calved: 23/03/2015 Tattoo: GX L249 (T&F) Genetic Status: AMFU NHFU CAFU DDFU Reg'n Level: HBR
 RENNYLEA EDMUND E11 (AI) (ET) CONNEALY ANSWER 71
SIRE: NAQH255 ARDROSSAN HONOUR H255 (AI) **DAM: NGXG486 BONGONGO G486 (AI)**
 ARDROSSAN WILCOOLA D17 (AI) BONGONGO B394 (AI)

September 2016 Angus Australia BREEDPLAN

	Birth Weight (kg)	200 Day Weight (kg)	400 Day Weight (kg)	600 Day Weight (kg)	MCW (kg)	Milk (kg)	Scrotal Size (cm)	CWT (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV %	IMF %	NFI-P (kg/day)	NFI-F (kg/day)	Docility
EBV	+3.1	+42	+78	+96	+71	+12	+1.1	+57	+4.8	+1.0	+0.0	+0.1	+2.8	+0.30	+0.38	--
ACC	76%	71%	72%	72%	71%	58%	75%	62%	58%	62%	60%	51%	52%	39%	40%	

Traits Observed: GL,BWT,200WT,400WT,SS,FAT,EMA,IMF,Genomics

BREEDOBJECT \$INDEX VALUES

Angus Breeding	Heavy Grass	Domestic	Heavy Grain
+\$117	+\$112	+\$114	+\$126

Purchaser \$

Lot 80 BONGONGO L174 (AI) NGXL174 Verified to Sire

Calved: 25/03/2015 Tattoo: GX L174 (T&F) Genetic Status: AMFU NHFU CAFU DDFU Reg'n Level: HBR
 RENNYLEA EDMUND E11 (AI) (ET) BONGONGO C308 (AI) (ET)
SIRE: NAQH255 ARDROSSAN HONOUR H255 (AI) **DAM: NGXH210 BONGONGO H210**
 ARDROSSAN WILCOOLA D17 (AI) BONGONGO D41 (AI)

September 2016 Angus Australia BREEDPLAN

	Birth Weight (kg)	200 Day Weight (kg)	400 Day Weight (kg)	600 Day Weight (kg)	MCW (kg)	Milk (kg)	Scrotal Size (cm)	CWT (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV %	IMF %	NFI-P (kg/day)	NFI-F (kg/day)	Docility
EBV	+3.4	+44	+82	+100	+77	+15	+2.5	+59	+5.3	+1.7	+2.2	-0.5	+2.8	+0.44	+0.35	--
ACC	76%	71%	72%	77%	73%	57%	77%	63%	59%	63%	62%	52%	52%	40%	40%	

Traits Observed: GL,BWT,200WT,600WT,SS,FAT,EMA,IMF,Genomics

BREEDOBJECT \$INDEX VALUES

Angus Breeding	Heavy Grass	Domestic	Heavy Grain
+\$118	+\$114	+\$113	+\$126

Purchaser \$



2016 BONGONGO ANGUS BULL SALE LOTS

Lot 81 BONGONGO L215 (AI)

NGXL215

Verified to Sire

Calved: 11/03/2015 Tattoo: GX L215 (T&F) Genetic Status: AMFU NHFU CAFU DDFU Reg'n Level: HBR
 BOOROOMOOKA UNDERTAKEN Y145 ARDROSSAN EQUATOR A241 (AI) (ET)
 SIRE: NORE11 RENNYLEA EDMUND E11 (AI) (ET) DAM: NGXH739 BONGONGO H739 (AI)
 LAWSONS HENRY VIII Y5 (AI) BONGONGO Z294 (AI)

September 2016 Angus Australia BREEDPLAN

	Birth Weight (kg)	200 Day Weight (kg)	400 Day Weight (kg)	600 Day Weight (kg)	MCW (kg)	Milk (kg)	Scrotal Size (cm)	CWT (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBY %	IMF %	NFI-P (kg/day)	NFI-F (kg/day)	Docility
EBV	+2.3	+42	+80	+100	+79	+15	+2.5	+64	+6.1	+1.0	+0.1	+0.6	+3.0	+0.38	+0.58	--
ACC	76%	73%	73%	77%	76%	65%	79%	67%	64%	66%	66%	58%	59%	51%	53%	

Traits Observed: GL,BWT,200WT,600WT,SS,FAT,EMA,IMF,Genomics

BREEDOBJECT \$INDEX VALUES

Angus Breeding	Heavy Grass	Domestic	Heavy Grain
+\$132	+\$123	+\$121	+\$148

Purchaser \$

Lot 82 BONGONGO L121 (AI)

NGXL121

Verified to Sire

Calved: 10/03/2015 Tattoo: GX L121 (T&F) Genetic Status: AMFU NHFU CAFU DDFU Reg'n Level: HBR
 BOOROOMOOKA UNDERTAKEN Y145 ARDROSSAN FAIRFAX F21 (AI)
 SIRE: NORE11 RENNYLEA EDMUND E11 (AI) (ET) DAM: NGXH459 BONGONGO H459 (AI)
 LAWSONS HENRY VIII Y5 (AI) BONGONGO E251 (AI)

September 2016 Angus Australia BREEDPLAN

	Birth Weight (kg)	200 Day Weight (kg)	400 Day Weight (kg)	600 Day Weight (kg)	MCW (kg)	Milk (kg)	Scrotal Size (cm)	CWT (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBY %	IMF %	NFI-P (kg/day)	NFI-F (kg/day)	Docility
EBV	+1.5	+39	+71	+87	+66	+15	+2.4	+56	+8.5	+3.2	+2.5	+0.0	+2.6	+0.53	+0.90	--
ACC	76%	72%	73%	77%	76%	64%	78%	67%	64%	66%	65%	57%	58%	49%	52%	

Traits Observed: GL,BWT,200WT,600WT,SS,FAT,EMA,IMF,Genomics

BREEDOBJECT \$INDEX VALUES

Angus Breeding	Heavy Grass	Domestic	Heavy Grain
+\$118	+\$115	+\$113	+\$122

Purchaser \$

Lot 83 BONGONGO L37

NGXL37

Verified to Sire

Calved: 29/03/2015 Tattoo: GX L37 (T&F) Genetic Status: AMFU NHFU CAF DDFU Reg'n Level: HBR
 CARABAR DOCKLANDS D62 (AI) ARDROSSAN EQUATOR A241 (AI) (ET)
 SIRE: AHWH11 ABERDEEN ESTATE HARPER H11 (AI) DAM: NGXJ103 BONGONGO J103 (AI)
 KANSAS ANNIE C11 (AI) (ET) BONGONGO W32 (AI)

September 2016 Angus Australia BREEDPLAN

	Birth Weight (kg)	200 Day Weight (kg)	400 Day Weight (kg)	600 Day Weight (kg)	MCW (kg)	Milk (kg)	Scrotal Size (cm)	CWT (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBY %	IMF %	NFI-P (kg/day)	NFI-F (kg/day)	Docility
EBV	+3.8	+41	+70	+93	+68	+15	+3.7	+52	+6.0	-1.1	+0.0	+1.7	+1.8	+0.17	+0.33	--
ACC	76%	71%	71%	76%	73%	59%	76%	62%	59%	62%	61%	52%	52%	42%	42%	

Traits Observed: BWT,200WT,600WT,SS,FAT,EMA,IMF,Genomics

BREEDOBJECT \$INDEX VALUES

Angus Breeding	Heavy Grass	Domestic	Heavy Grain
+\$115	+\$113	+\$112	+\$118

Purchaser \$

Lot 84 BONGONGO L31

NGXL31

Verified to Sire

Calved: 19/03/2015 Tattoo: GX L31 (T&F) Genetic Status: AMFU NHFU CAFU DDFU Reg'n Level: HBR
 CARABAR DOCKLANDS D62 (AI) WK REPLAY
 SIRE: AHWH11 ABERDEEN ESTATE HARPER H11 (AI) DAM: NGXJ3 BONGONGO J3 (AI) (ET)
 KANSAS ANNIE C11 (AI) (ET) BONGONGO D258 (AI) (ET)

September 2016 Angus Australia BREEDPLAN

	Birth Weight (kg)	200 Day Weight (kg)	400 Day Weight (kg)	600 Day Weight (kg)	MCW (kg)	Milk (kg)	Scrotal Size (cm)	CWT (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBY %	IMF %	NFI-P (kg/day)	NFI-F (kg/day)	Docility
EBV	+4.5	+44	+74	+107	+92	+22	+2.8	+55	+8.2	-1.2	-0.5	+1.5	+1.6	+0.02	+0.16	--
ACC	76%	71%	70%	75%	73%	58%	76%	62%	57%	60%	59%	50%	51%	39%	39%	

Traits Observed: BWT,200WT,600WT,SS,FAT,EMA,IMF,Genomics

BREEDOBJECT \$INDEX VALUES

Angus Breeding	Heavy Grass	Domestic	Heavy Grain
+\$125	+\$121	+\$111	+\$131

Purchaser \$




2016 BONGONGO ANGUS BULL SALE LOTS

Lot 85 BONGONGO L72 NGXL72 Verified to Mating

Calved: 24/03/2015 Tattoo: GX L72 (T&F) Genetic Status: AMFU NH50% CAFU DD50% Reg'n Level: HBR
 B/R NEW DIMENSION 7127 HYLINE RIGHT TIME 338 (ET)
SIRE: NGXG3 BONGONGO G3 (AI) (ET) **DAM: NGXD258 BONGONGO D258 (AI) (ET)**
 THE GRANGE BLACKCAP B242 (AI) (ET) BONGONGO NGXX9 (AI)

September 2016 Angus Australia BREEDPLAN

	Birth Weight (kg)	200 Day Weight (kg)	400 Day Weight (kg)	600 Day Weight (kg)	MCW (kg)	Milk (kg)	Scrotal Size (cm)	CWT (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV %	IMF %	NFI-P (kg/day)	NFI-F (kg/day)	Docility
EBV	+4.9	+45	+76	+111	+87	+25	+1.7	+65	+10.8	-2.8	-2.9	+1.8	+1.9	-0.21	-0.25	--
ACC	76%	72%	72%	77%	74%	62%	77%	64%	60%	64%	63%	54%	55%	46%	46%	

Traits Observed: BWT,200WT,600WT,SS,FAT,EMA,IMF,Genomics

BREEDOBJECT \$INDEX VALUES


Angus Breeding	Heavy Grass	Domestic	Heavy Grain
+\$111	+\$108	+\$100	+\$118

Purchaser \$

Lot 86 BONGONGO L270 (AI) NGXL270 Verified to Sire

Calved: 26/03/2015 Tattoo: GX L270 (T&F) Genetic Status: AMFU NHFU CAF DDFU Reg'n Level: HBR
 TUWHARETOA REGENT D145 (AI) (ET) ARDROSSAN EQUATOR A241 (AI) (ET)
SIRE: NENG220 KAROO D145 GENERATOR G220 (AI) **DAM: NGXG521 BONGONGO G521 (AI)**
 KAROO WILCOOLA B15 (AI) (ET) BONGONGO Y82 (AI)

September 2016 Angus Australia BREEDPLAN

	Birth Weight (kg)	200 Day Weight (kg)	400 Day Weight (kg)	600 Day Weight (kg)	MCW (kg)	Milk (kg)	Scrotal Size (cm)	CWT (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV %	IMF %	NFI-P (kg/day)	NFI-F (kg/day)	Docility
EBV	+3.4	+42	+76	+98	+79	+19	+1.6	+64	+3.6	+3.5	+4.4	-1.3	+2.6	+0.44	+0.48	--
ACC	76%	71%	70%	72%	72%	60%	70%	62%	57%	61%	58%	50%	54%	42%	43%	

Traits Observed: GL,BWT,200WT,600WT,FAT,EMA,IMF,Genomics

BREEDOBJECT \$INDEX VALUES

Angus Breeding	Heavy Grass	Domestic	Heavy Grain
+\$112	+\$110	+\$103	+\$115

Purchaser \$

Thank you for your support. We wish you all the best with your purchases.

TOP PRICE:

AVERAGE:

CLEARANCE:

CARING FOR YOUR NEW BULL

Always be considerate to your new bull/s and handle them with respect and kindness. Handle them quietly, walk them rather than rushing them, treat them with care and in a gentle manner and they will do likewise to you.

Bulls leaving Bongongo leave the security of a large mob, and will arrive in a strange environment at the purchaser's property. When the bull/s are unloaded it is recommended you have a steer or cow as companion waiting for them in the yard.

A young bull can move in with older bulls and settle well, but remember, being the youngest, he will get the last of any feed available, because of the pecking order. The paddock needs to be reasonably large so he can keep away from the others and find adequate feed. Young bulls are still growing fast and need enough feed to maintain their growth pattern.

Bongongo bulls are used to being handled by stockmen with motorbikes, utes, dogs and horses. We pay utmost attention to bull temperament as being a critical trait.

When your new bull is joined to your females, inspect him at least weekly to ensure he is walking freely and his penis looks normal. If there is a problem take him out of the mob and contact your vet. Early treatment is vital. If you have any questions regarding the bulls, the progeny etc. please let us know.



ANGUS BULLS **READY TO WORK**

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REFERENCE SIRE GUIDE

SOCIETY IDENT	SIRE NAME	LOT NUMBERS
VLY E313	LAWSONS NOVAK E313	20, 21, 22, 23, 24, 73, 74, 75, 76
NAQ H22	ARDROSSAN HONOUR H255	27, 28, 29, 30, 31, 77, 78, 79, 80
NEN G220	KAROO GENERATOR G220	13, 14, 15, 43, 44, 45, 61, 62
NOR G255	RENNYLEA G255	18, 19, 56, 71, 72, 86
NOR E11	RENNYLEA E11	33, 34, 35, 36, 81, 82
NZE I4647008839	MATAURI REALITY 839	1, 17, 25, 26
NZE I4647010F030	MATAURI RESOLUTION F030	68
NJW G279	MILWILLAH GATSBY G279	5, 6, 7, 59, 60
BHR H264	DUNOON HOLLISTER H264	16, 37
AHW H11	ABERDEEN HARPER H11	2, 38, 39, 57, 67, 83, 84
USA I6262077	SILVERAIS CONVERSION 8064	3, 4, 58
USA I761479	CONEALLY CONFIDENCE 0100	49, 50
USA I7031465	CONEALLY COMRADE I385	52
USA I5719841	AAAR TENX 7008	54, 55
USA I6396499	SAV THUNDERBIRD 9061	64
USA I6154968	WK REPLAY	63, 70
NHZ H2	HAZELDEAN HARLEQUIN H2	32
CCV C255	VERMONT C255	46
NGX H145	BONGONGO H145	8, 9, 51
NGX G053	BONGONGO G53	10, 41, 85
NGX F165	BONGONGO F165	12
NGX F411	BONGONGO F411	40
NGX H137	BONGONGO H137	65
NGX H142	BONGONGO H142	66
NGX H150	BONGONGO H150	47
NGX H257	BONGONGO H257	11, 48
NGX H408	BONGONGO H408	53
NGX J045	BONGONGO J45	42
NGX H411	BONGONGO H411	69



REFERENCE SIRE GUIDE

Ref Sire **LAWSONS NOVAK E313 (AI)** **VLYE313**
Verified to Sire
Calved: 16/08/2009 **Tattoo:** E313 (F) **Genetic Status:** AMF NHF CAF DDF **Reg'n Level:** HBR
 BON VIEW NEW DESIGN 208 G A R PREDESTINED
SIRE: USA14844711 TC TOTAL 410 **DAM:** VLYB770 LAWSONS PREDESTINED B770 (AI) (ET)
 TC ERICA EILEEN 2047 G A R FUTURE DIRECTION L84 (ET)

September 2016 Angus Australia BREEDPLAN																
	Birth Weight (kg)	200 Day Weight (kg)	400 Day Weight (kg)	600 Day Weight (kg)	MCW (kg)	Milk (kg)	Scrotal Size (cm)	CWT (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBY %	IMF %	NFI - P (kg/day)	NFI - F (kg/day)	Docility
EBV	+3.7	+50	+89	+109	+82	+18	+1.3	+63	+5.4	-2.6	-2.4	+0.5	+3.1	-0.12	-0.28	+11
ACC	99%	98%	98%	97%	95%	92%	98%	90%	90%	91%	89%	84%	88%	74%	80%	96%

Traits Observed: GL,BWT,200WT,400WT(x2),SS,FAT,EMA,IMF,Genomics
 Bplan Stats:Num of Herds 65, Progeny Analysed 1484, Scan Progeny 579, Num of Dtrs 88

BREEDOBJECT \$INDEX VALUES			
Angus Breeding	Heavy Grass	Domestic	Heavy Grain
+\$110	+\$102	+\$105	+\$125

Ref Sire **ARDROSSAN HONOUR H255 (AI)** **NAQH255**
Verified to Mating
Calved: 07/08/2012 **Tattoo:** BUL H255 (T&F) **Genetic Status:** AMF NHF CAF DDF **Reg'n Level:** HBR
 BOOROOMOOKA UNDERTAKEN Y145 ARDROSSAN EQUATOR A241 (AI) (ET)
SIRE: NORE11 RENNYLEA EDMUND E11 (AI) (ET) **DAM:** NAQD17 ARDROSSAN WILCOOLA D17 (AI)
 LAWSONS HENRY VIII Y5 (AI) ARDROSSAN WILCOOLA X2 (AI) (ET)

September 2016 Angus Australia BREEDPLAN																
	Birth Weight (kg)	200 Day Weight (kg)	400 Day Weight (kg)	600 Day Weight (kg)	MCW (kg)	Milk (kg)	Scrotal Size (cm)	CWT (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBY %	IMF %	NFI - P (kg/day)	NFI - F (kg/day)	Docility
EBV	+3.2	+43	+85	+107	+95	+15	+2.4	+65	+6.9	+0.7	+0.3	+0.0	+3.8	+0.54	+0.73	-4
ACC	98%	92%	92%	89%	83%	70%	86%	78%	75%	78%	76%	71%	71%	59%	60%	78%

Traits Observed: GL,BWT,400WT,FAT,EMA,IMF,Genomics
 Bplan Stats:Num of Herds 14, Progeny Analysed 403, Scan Progeny 32, Num of Dtrs 0

BREEDOBJECT \$INDEX VALUES			
Angus Breeding	Heavy Grass	Domestic	Heavy Grain
+\$135	+\$123	+\$121	+\$158

Ref Sire **KAROO D145 GENERATOR G220 (AI)** **NENG220**
Verified to Mating
Calved: 26/08/2011 **Tattoo:** RE G220 (T) **Genetic Status:** AMF NHF CAF DDF **Reg'n Level:** HBR
 TE MANIA AMBASSADOR A134 (AI) BT RIGHT TIME 24J
SIRE: BNAD145 TUWHARETOA REGENT D145 (AI) (ET) **DAM:** NENB15 KAROO WILCOOLA B15 (AI) (ET)
 LAWSONS HENRY VIII Y5 (AI) KAROO FLATS WILCOOLA W158 (AI)

September 2016 Angus Australia BREEDPLAN																
	Birth Weight (kg)	200 Day Weight (kg)	400 Day Weight (kg)	600 Day Weight (kg)	MCW (kg)	Milk (kg)	Scrotal Size (cm)	CWT (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBY %	IMF %	NFI - P (kg/day)	NFI - F (kg/day)	Docility
EBV	+4.1	+43	+78	+111	+89	+19	+0.4	+67	+4.5	+5.5	+6.3	-2.5	+2.7	+0.62	+0.61	-13
ACC	98%	95%	94%	94%	85%	73%	92%	80%	82%	83%	81%	76%	78%	64%	65%	82%

Traits Observed: GL,BWT,200WT,400WT,600WT,SS,FAT,EMA,IMF,Genomics
 Bplan Stats:Num of Herds 29, Progeny Analysed 466, Scan Progeny 141, Num of Dtrs 0

BREEDOBJECT \$INDEX VALUES			
Angus Breeding	Heavy Grass	Domestic	Heavy Grain
+\$124	+\$120	+\$100	+\$128

Ref Sire **RENNYLEA G255 (APR) (ET)** **NORG255**
Verified to Mating
Calved: 21/06/2011 **Tattoo:** G255 (F) **Genetic Status:** AMF NHF CAF DDF **Reg'n Level:** APR
 TE MANIA AMBASSADOR A134 (AI) G A R PREDESTINED
SIRE: BNAD145 TUWHARETOA REGENT D145 (AI) (ET) **DAM:** NORC490 RENNYLEA C490 (APR) (AI) (ET)
 LAWSONS HENRY VIII Y5 (AI) RENNYLEA W449 (APR) (AI)

September 2016 Angus Australia BREEDPLAN																
	Birth Weight (kg)	200 Day Weight (kg)	400 Day Weight (kg)	600 Day Weight (kg)	MCW (kg)	Milk (kg)	Scrotal Size (cm)	CWT (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBY %	IMF %	NFI - P (kg/day)	NFI - F (kg/day)	Docility
EBV	+4.1	+49	+96	+135	+125	+25	+0.7	+85	+6.1	-1.0	-2.4	+0.0	+4.3	+0.06	+0.18	-1
ACC	98%	97%	96%	97%	89%	78%	96%	81%	85%	85%	84%	79%	83%	77%	85%	96%

Traits Observed: BWT,200WT,400WT,SS,FAT,EMA,IMF,DOC,Genomics
 Bplan Stats:Num of Herds 14, Progeny Analysed 476, Scan Progeny 256, Num of Dtrs 0

BREEDOBJECT \$INDEX VALUES			
Angus Breeding	Heavy Grass	Domestic	Heavy Grain
+\$131	+\$117	+\$107	+\$164



REFERENCE SIRE GUIDE

Ref Sire **RENNYLEA EDMUND E11 (AI) (ET)**

NORE11

Verified to Mating

Calved: 05/03/2009

Tattoo: E11 (F)

Genetic Status: AMF NHF CAF DDF

Reg'n Level: HBR

BOOROOMOOKA UNDERTAKEN U170 (AI)

YTHANBRAE HENRY VIII U8 (AI) (ET)

SIRE: **NGMY145 BOOROOMOOKA UNDERTAKEN Y145** DAM: **VLYY5 LAWSONS HENRY VIII Y5 (AI)**

BOOROOMOOKA UAAISE U101 (AI)

YTHANBRAE DIRECTION T270 (AI)

September 2016 Angus Australia BREEDPLAN

	Birth Weight (kg)	200 Day Weight (kg)	400 Day Weight (kg)	600 Day Weight (kg)	MCW (kg)	Milk (kg)	Scrotal Size (cm)	CWT (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBY %	IMF %	NFI - P (kg/day)	NFI - F (kg/day)	Docility
EBV	+1.1	+38	+72	+90	+80	+15	+2.1	+52	+6.7	+2.8	+1.5	-1.1	+4.0	+0.80	+1.19	+12
ACC	99%	99%	99%	98%	97%	94%	98%	94%	93%	94%	92%	89%	91%	81%	86%	98%

BREEDOBJECT \$INDEX VALUES

Angus Breeding	Heavy Grass	Domestic	Heavy Grain
+\$134	+\$120	+\$116	+\$156

Traits Observed: BWT,200WT,400WT,600WT(x2),SS,FAT,EMA,IMF,Genomics

Bplan Stats:Num of Herds 134, Progeny Analysed 3839, Scan Progeny 1639, Num of Dtrs 191

Ref Sire **MATAURI REALITY 839**

NZE14647008839

Calved: 15/09/2008

Tattoo: 839

Genetic Status: AMF NHF CAF DDF

Reg'n Level: HBR

SCHURR 77 1346 EXCEL

TE MANIA ULONG U41 (AI) (ET)

SIRE: **USA14543651 SCHURRTOP REALITY X723**

DAM: **NZE14647106663 MATAURI 06663**

SCHURRTOP 8019 V141

MATAURI 04456 AB

September 2016 Angus Australia BREEDPLAN

	Birth Weight (kg)	200 Day Weight (kg)	400 Day Weight (kg)	600 Day Weight (kg)	MCW (kg)	Milk (kg)	Scrotal Size (cm)	CWT (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBY %	IMF %	NFI - P (kg/day)	NFI - F (kg/day)	Docility
EBV	+1.3	+42	+81	+99	+70	+20	+3.5	+51	+4.1	+4.6	+4.0	-1.8	+2.2	+0.45	+0.57	+2
ACC	99%	98%	98%	98%	93%	88%	98%	86%	89%	88%	87%	82%	86%	66%	68%	97%

BREEDOBJECT \$INDEX VALUES

Angus Breeding	Heavy Grass	Domestic	Heavy Grain
+\$107	+\$110	+\$106	+\$102

Traits Observed: BWT,200WT,400WT,SS,FAT,EMA,IMF,Genomics

Bplan Stats:Num of Herds 128, Progeny Analysed 2364, Scan Progeny 988, Num of Dtrs 51

Ref Sire **MATAURI RESOLUTION F030**

NZE14647010F030

Calved: 28/08/2010

Tattoo:

Genetic Status: AMF NHF CAF DDF

Reg'n Level: HBR

SCHURRTOP REALITY X723

KAROO W109 DIRECTION Z181

SIRE: **NZE14647008839 MATAURI REALITY 839**

DAM: **NZE14647108817 MATAURI 08817**

MATAURI 06663

MATAURI 105566

September 2016 Angus Australia BREEDPLAN

	Birth Weight (kg)	200 Day Weight (kg)	400 Day Weight (kg)	600 Day Weight (kg)	MCW (kg)	Milk (kg)	Scrotal Size (cm)	CWT (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBY %	IMF %	NFI - P (kg/day)	NFI - F (kg/day)	Docility
EBV	+3.0	+40	+77	+102	+83	+18	+4.1	+48	+2.5	+2.8	+3.0	-0.8	+1.0	+0.35	+0.60	--
ACC	95%	92%	92%	91%	83%	71%	90%	77%	79%	79%	79%	72%	74%	55%	56%	

BREEDOBJECT \$INDEX VALUES

Angus Breeding	Heavy Grass	Domestic	Heavy Grain
+\$102	+\$106	+\$100	+\$92

Traits Observed: BWT,200WT,400WT(x2),SS,FAT,EMA,IMF,Genomics

Bplan Stats:Num of Herds 13, Progeny Analysed 195, Scan Progeny 102, Num of Dtrs 5

Ref Sire **MILWILLAH GATSBY G279 (AI)**

NJWG279

Verified to Mating

Calved: 01/08/2011

Tattoo: G279 (F)

Genetic Status: AMF NHF CAF DDF

Reg'n Level: HBR

TE MANIA AMBASSADOR A134 (AI)

TE MANIA UNLIMITED U3271 (AI) (ET)

SIRE: **BNAD145 TUWHARETOA REGENT D145 (AI) (ET)** DAM: **NJWD112 MILWILLAH LOWAN D112 (AI)**

LAWSONS HENRY VIII Y5 (AI)

MILWILLAH LOWAN B83 (AI)

September 2016 Angus Australia BREEDPLAN

	Birth Weight (kg)	200 Day Weight (kg)	400 Day Weight (kg)	600 Day Weight (kg)	MCW (kg)	Milk (kg)	Scrotal Size (cm)	CWT (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBY %	IMF %	NFI - P (kg/day)	NFI - F (kg/day)	Docility
EBV	+5.4	+52	+89	+118	+103	+19	+2.4	+78	+8.0	+2.4	+2.2	-1.9	+4.7	+1.06	+1.01	-16
ACC	98%	98%	97%	97%	86%	72%	96%	80%	84%	84%	83%	77%	81%	65%	66%	94%

BREEDOBJECT \$INDEX VALUES

Angus Breeding	Heavy Grass	Domestic	Heavy Grain
+\$125	+\$113	+\$103	+\$150

Traits Observed: BWT,200WT,600WT(x2),FAT,EMA,IMF,Genomics

Bplan Stats:Num of Herds 59, Progeny Analysed 1184, Scan Progeny 309, Num of Dtrs 0



REFERENCE SIRE GUIDE

Ref Sire **DUNOON HOLLISTER H264 (AI)**

BHRH264

Verified to Sire

Calved: 07/04/2012 Tattoo: H264 (F) Genetic Status: AMFU NHF CAFU DDF Reg'n Level: HBR
 TE MANIA AMBASSADOR A134 (AI) TE MANIA BARTEL B219 (AI) (ET)
SIRE: BNAD145 TUWHARETOA REGENT D145 (AI) (ET) **DAM: BHRE099 DUNOON PRINCESS E099 (AI) (ET)**
 LAWSONS HENRY VIII Y5 (AI) DUNOON PRINCESS B187 (AI) (ET)

September 2016 Angus Australia BREEDPLAN

	Birth Weight (kg)	200 Day Weight (kg)	400 Day Weight (kg)	600 Day Weight (kg)	MCW (kg)	Milk (kg)	Scrotal Size (cm)	CWT (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV %	IMF %	NFI-P (kg/day)	NFI-F (kg/day)	Docility
EBV	+5.4	+47	+84	+112	+99	+20	+2.0	+79	+9.4	+0.0	-1.6	+0.2	+4.3	+0.45	+0.58	+4
ACC	89%	82%	81%	83%	80%	70%	81%	73%	69%	71%	71%	65%	65%	57%	58%	61%

Traits Observed: GL,BWT,200WT,400WT,600WT,SS,FAT,EMA,IMF,DOC,Genomics
 Bplan Stats:Num of Herds 1, Progeny Analysed 45, Scan Progeny 3, Num of Dtrs 0

BREEDOBJECT \$INDEX VALUES

Angus Breeding	Heavy Grass	Domestic	Heavy Grain
+\$126	+\$112	+\$108	+\$155

Ref Sire **ABERDEEN ESTATE HARPER H11 (AI)**

AHWH11

Verified to Mating

Calved: 13/02/2012 Tattoo: AEA H11 (T&F) Genetic Status: AMFU NHFU CAFU DDF Reg'n Level: HBR
 KAROO W109 DIRECTION Z181 RENNYLEA XPONENTIAL X555 (AI) (ET)
SIRE: QHED62 CARABAR DOCKLANDS D62 (AI) **DAM: NKLC11 KANSAS ANNIE C11 (AI) (ET)**
 CARABAR BLACKCAP MARY B12 (AI) (ET) KANSAS ANNIE Y18 (AI) (ET)

September 2016 Angus Australia BREEDPLAN

	Birth Weight (kg)	200 Day Weight (kg)	400 Day Weight (kg)	600 Day Weight (kg)	MCW (kg)	Milk (kg)	Scrotal Size (cm)	CWT (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV %	IMF %	NFI-P (kg/day)	NFI-F (kg/day)	Docility
EBV	+3.9	+40	+71	+103	+90	+19	+2.9	+50	+8.5	-0.4	+0.6	+1.2	+1.5	+0.26	+0.46	--
ACC	93%	87%	82%	85%	80%	69%	81%	73%	68%	70%	69%	63%	64%	50%	52%	

Traits Observed: GL,BWT,400WT,SS,FAT,EMA,IMF,Genomics
 Bplan Stats:Num of Herds 1, Progeny Analysed 84, Scan Progeny 15, Num of Dtrs 0

BREEDOBJECT \$INDEX VALUES

Angus Breeding	Heavy Grass	Domestic	Heavy Grain
+\$123	+\$120	+\$109	+\$127

Ref Sire **BONGONGO H145 (AI) (ET)**

NGXH145

Verified to Sire

Calved: 26/06/2012 Tattoo: GX H145 (T&F) Genetic Status: AMFU NHFU CAFU DDF Reg'n Level: HBR
 BT RIGHT TIME 24J BON VIEW NEW DESIGN 1407
SIRE: CCVD057 VERMONT DRAMBUIE D057 (AI) (ET) **DAM: NGXB602 BONGONGO B602 (AI) (ET)**
 VERMONT WILCOOLA X55 (AI) (ET) BONGONGO NGXX9 (AI)

September 2016 Angus Australia BREEDPLAN

	Birth Weight (kg)	200 Day Weight (kg)	400 Day Weight (kg)	600 Day Weight (kg)	MCW (kg)	Milk (kg)	Scrotal Size (cm)	CWT (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV %	IMF %	NFI-P (kg/day)	NFI-F (kg/day)	Docility
EBV	+4.3	+45	+75	+103	+79	+17	+2.3	+56	+8.3	+1.0	+1.9	+0.2	+2.2	+0.06	-0.10	--
ACC	86%	80%	78%	79%	78%	69%	75%	70%	65%	67%	67%	60%	61%	52%	53%	

Traits Observed: BWT,200WT,400WT,FAT,EMA,IMF,Genomics
 Bplan Stats:Num of Herds 1, Progeny Analysed 24, Scan Progeny 2, Num of Dtrs 0

BREEDOBJECT \$INDEX VALUES

Angus Breeding	Heavy Grass	Domestic	Heavy Grain
+\$125	+\$121	+\$111	+\$129

Ref Sire **SILVEIRAS CONVERSION 8064**

USA16262077

Calved: 19/01/2008 Tattoo: 8064 Genetic Status: AMF NHF CAF DDF Reg'n Level: HBR
 C A FUTURE DIRECTION 5321 BR MIDLAND
SIRE: USA758N BT CROSSOVER 758N **DAM: USA15368244 EXG SARAS DREAM S609 R3**
 BT ROYAL PRIDE 237G EXAR SARAS DREAM 9809

September 2016 Angus Australia BREEDPLAN

	Birth Weight (kg)	200 Day Weight (kg)	400 Day Weight (kg)	600 Day Weight (kg)	MCW (kg)	Milk (kg)	Scrotal Size (cm)	CWT (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV %	IMF %	NFI-P (kg/day)	NFI-F (kg/day)	Docility
EBV	+8.7	+67	+110	+136	+125	+14	+3.5	+89	+14.5	-0.5	+0.2	+1.8	+2.0	+0.53	+0.38	-21
ACC	98%	97%	97%	96%	90%	86%	96%	84%	85%	86%	82%	78%	83%	58%	61%	94%

Traits Observed: Genomics
 Bplan Stats:Num of Herds 34, Progeny Analysed 722, Scan Progeny 304, Num of Dtrs 53

BREEDOBJECT \$INDEX VALUES

Angus Breeding	Heavy Grass	Domestic	Heavy Grain
+\$118	+\$114	+\$110	+\$125



REFERENCE SIRE GUIDE

Ref Sire **CONNELY CONFIDENCE 0100**

USA16761479

Calved: 16/01/2010 Tattoo: Genetic Status: AMFU NHFU CAF DDF Reg'n Level: HBR

BON VIEW NEW DESIGN 208

CONNELY THUNDER

SIRE: USA15497354 CONNEALY TOBIN

DAM: USA16204725 BECKA GALA OF CONANGA 82

DELIA OF CONANGA 667

BECKA LEE OF CONANGA 37

September 2016 Angus Australia BREEDPLAN

	Birth Weight (kg)	200 Day Weight (kg)	400 Day Weight (kg)	600 Day Weight (kg)	MCW (kg)	Milk (kg)	Scrotal Size (cm)	CWT (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBY %	IMF %	NFI-P (kg/day)	NFI-F (kg/day)	Docility
EBV	+0.2	+46	+78	+91	+56	+18	-0.9	+56	+13.5	+2.2	-1.7	+1.8	+0.1	-0.13	-0.14	+31
ACC	96%	93%	94%	93%	83%	78%	92%	79%	80%	82%	77%	73%	77%	51%	53%	84%

Traits Observed: Genomics

Bplan Stats:Num of Herds 22, Progeny Analysed 211, Scan Progeny 121, Num of Dtrs 0

BREEDOBJECT \$INDEX VALUES

Angus Breeding	Heavy Grass	Domestic	Heavy Grain
+\$93	+\$106	+\$111	+\$69

Ref Sire **CONNELY COMRADE 1385**

USA17031465

Calved: 02/02/2011 Tattoo: 1385 Genetic Status: AMFU NHFU CAFU DDF Reg'n Level: HBR

CONNELY CONSENSUS

G A R NEW DESIGN 5050 (ET)

SIRE: USA16447771 CONNEALY CONSENSUS 7229

DAM: USA16454356 HAPPY GEE OF CONANGA 919

BLUE LILLY OF CONANGA 16

HAP GINA OF CONANGA 260 4965

September 2016 Angus Australia BREEDPLAN

	Birth Weight (kg)	200 Day Weight (kg)	400 Day Weight (kg)	600 Day Weight (kg)	MCW (kg)	Milk (kg)	Scrotal Size (cm)	CWT (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBY %	IMF %	NFI-P (kg/day)	NFI-F (kg/day)	Docility
EBV	-1.0	+42	+83	+89	+50	+23	+1.0	+62	+11.1	+2.0	-0.5	+0.8	+2.2	+0.26	+0.51	+26
ACC	97%	94%	92%	88%	81%	74%	89%	78%	79%	79%	76%	71%	71%	51%	52%	87%

Traits Observed: Genomics

Bplan Stats:Num of Herds 29, Progeny Analysed 335, Scan Progeny 50, Num of Dtrs 0

BREEDOBJECT \$INDEX VALUES

Angus Breeding	Heavy Grass	Domestic	Heavy Grain
+\$116	+\$116	+\$124	+\$115

Ref Sire **A A R TEN X 7008 S A (ET)**

USA15719841

Calved: 09/02/2007 Tattoo: Genetic Status: AMF NHF CAF DDF Reg'n Level: HBR

S A F FOCUS OF E R

S A V ADAPTOR 2213

SIRE: USA13880818 MYTTY IN FOCUS

DAM: USA15151449 A A R LADY KELTON 5551

MYTTY COUNTESS 906

H S A F LADY KELTON 504B

September 2016 Angus Australia BREEDPLAN

	Birth Weight (kg)	200 Day Weight (kg)	400 Day Weight (kg)	600 Day Weight (kg)	MCW (kg)	Milk (kg)	Scrotal Size (cm)	CWT (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBY %	IMF %	NFI-P (kg/day)	NFI-F (kg/day)	Docility
EBV	+2.5	+56	+104	+129	+89	+22	+3.0	+83	+7.6	-2.3	-3.7	+2.4	+2.0	+0.15	+0.63	-8
ACC	98%	97%	97%	97%	92%	88%	96%	87%	87%	87%	84%	81%	85%	63%	66%	95%

Traits Observed: Genomics

Bplan Stats:Num of Herds 56, Progeny Analysed 824, Scan Progeny 276, Num of Dtrs 57

BREEDOBJECT \$INDEX VALUES

Angus Breeding	Heavy Grass	Domestic	Heavy Grain
+\$143	+\$139	+\$139	+\$155

Ref Sire **S A V THUNDERBIRD 9061**

USA16396499

Verified to Sire

Calved: 26/02/2009 Tattoo: Genetic Status: AMF NHF CAF DDF Reg'n Level: HBR

SITZ TRAVELER 8180

S A V BISMARCK 5682

SIRE: USA0035 S A V FINAL ANSWER 0035

DAM: USA15688293 S A V EMBLYNETTE 7411

S A V EMULOUS 8145

S A V EMBLYNETTE 4408

September 2016 Angus Australia BREEDPLAN

	Birth Weight (kg)	200 Day Weight (kg)	400 Day Weight (kg)	600 Day Weight (kg)	MCW (kg)	Milk (kg)	Scrotal Size (cm)	CWT (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBY %	IMF %	NFI-P (kg/day)	NFI-F (kg/day)	Docility
EBV	+2.6	+58	+103	+130	+114	+18	+1.1	+78	+4.5	+1.5	-1.9	+0.7	+0.7	-0.06	+0.25	-1
ACC	99%	98%	98%	98%	94%	92%	97%	89%	89%	90%	87%	84%	87%	68%	70%	97%

Traits Observed: Genomics

Bplan Stats:Num of Herds 115, Progeny Analysed 1794, Scan Progeny 659, Num of Dtrs 87

BREEDOBJECT \$INDEX VALUES

Angus Breeding	Heavy Grass	Domestic	Heavy Grain
+\$116	+\$119	+\$116	+\$111



REFERENCE SIRE GUIDE

Ref Sire **WK REPLAY**

USA16154968

Calved: 13/02/2008 Tattoo: 16154968 Genetic Status: AMF NHF CAF DDF Reg'n Level: HBR
 BON VIEW NEW DESIGN 1407 K F PRECISION 361
SIRE: USA15134963 WK VEGAS **DAM: USA14871940 S A F PENELOPE P020**
 WK BLACKCAP 3138 S A F PENELOPE 0013

September 2016 Angus Australia BREEDPLAN

	Birth Weight (kg)	200 Day Weight (kg)	400 Day Weight (kg)	600 Day Weight (kg)	MCW (kg)	Milk (kg)	Scrotal Size (cm)	CWT (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBY %	IMF %	NFI-P (kg/day)	NFI-F (kg/day)	Docility
EBV	+3.9	+45	+77	+99	+74	+19	+2.5	+52	+8.3	-1.3	-1.6	+2.2	+1.9	+0.09	+0.33	+20
ACC	98%	97%	98%	98%	96%	96%	97%	91%	91%	91%	90%	87%	88%	72%	74%	92%

Traits Observed: Genomics

Bplan Stats: Num of Herds 37, Progeny Analysed 729, Scan Progeny 454, Num of Dtrs 185

BREEDOBJECT \$INDEX VALUES

Angus Breeding	Heavy Grass	Domestic	Heavy Grain
+\$136	+\$128	+\$126	+\$147

Ref Sire **HAZELDEAN HARLEQUIN H2 (AI) (ET)**

NHZH2

Verified to Mating

Calved: 02/04/2012 Tattoo: HAZ H2 (T&F) Genetic Status: AMF NHF CAF DDF Reg'n Level: HBR
 BON VIEW NEW DESIGN 208 L T 598 BANDO 9074
SIRE: USA14844711 TC TOTAL 410 **DAM: NHZA90 HAZELDEAN A90 (AI)**
 TC ERICA EILEEN 2047 HAZELDEAN Y310 (AI) (ET)

September 2016 Angus Australia BREEDPLAN

	Birth Weight (kg)	200 Day Weight (kg)	400 Day Weight (kg)	600 Day Weight (kg)	MCW (kg)	Milk (kg)	Scrotal Size (cm)	CWT (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBY %	IMF %	NFI-P (kg/day)	NFI-F (kg/day)	Docility
EBV	+6.5	+57	+94	+132	+157	+15	-0.1	+67	+4.9	-3.5	-3.1	+0.7	+2.0	-0.31	-0.55	+36
ACC	98%	96%	95%	89%	83%	72%	87%	78%	73%	78%	75%	70%	73%	57%	57%	95%

Traits Observed: BWT,200WT,400WT,SS,Genomics

Bplan Stats: Num of Herds 7, Progeny Analysed 441, Scan Progeny 44, Num of Dtrs 0

BREEDOBJECT \$INDEX VALUES

Angus Breeding	Heavy Grass	Domestic	Heavy Grain
+\$81	+\$80	+\$77	+\$89

Ref Sire **VERMONT BT EQUATOR C255 (AI)**

CCVC255

Verified to Mating

Calved: 26/08/2007 Tattoo: VAGC C255 (T&F) Genetic Status: AMF NHF CAF DDF Reg'n Level: HBR
 PAPA EQUATOR 2928 WHITESTONE WIDESPREAD MB
SIRE: USA14237157 BT EQUATOR 395M **DAM: CCVY391 VERMONT WILCOOLA Y391 (AI) (ET)**
 RM BLACK MAGIC 7574 E A R ARDROSSAN WILCOOLA U26 (AI) (ET)

September 2016 Angus Australia BREEDPLAN

	Birth Weight (kg)	200 Day Weight (kg)	400 Day Weight (kg)	600 Day Weight (kg)	MCW (kg)	Milk (kg)	Scrotal Size (cm)	CWT (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBY %	IMF %	NFI-P (kg/day)	NFI-F (kg/day)	Docility
EBV	+4.3	+43	+80	+109	+110	+3	+0.8	+67	+4.7	+0.3	+0.6	+0.0	+0.7	+0.00	-0.40	-3
ACC	97%	95%	96%	95%	93%	92%	94%	86%	86%	86%	86%	81%	83%	68%	68%	79%

Traits Observed: GL,BWT,200WT,400WT,SS,FAT,EMA,IMF,Genomics

Bplan Stats: Num of Herds 21, Progeny Analysed 287, Scan Progeny 188, Num of Dtrs 87

BREEDOBJECT \$INDEX VALUES

Angus Breeding	Heavy Grass	Domestic	Heavy Grain
+\$111	+\$112	+\$103	+\$109

Ref Sire **BONGONGO G53 (APR) (AI)**

NGXG53

Verified to Sire

Calved: 27/03/2011 Tattoo: GX G53 (T&F) Genetic Status: AMFU NHFU CAFU DDC Reg'n Level: APR
 TWYNAM YARRAMAN Y17 (AI) BONGONGO Y294 (AI) (ET)
SIRE: NORB101 RENNYLEA B101 (APR) (AI) (ET) **DAM: NGXA444 BONGONGO NGXA444 (APR)**
 RENNYLEA W449 (APR) (AI) BONGONGO X122 (APR) (AI) (ET)

September 2016 Angus Australia BREEDPLAN

	Birth Weight (kg)	200 Day Weight (kg)	400 Day Weight (kg)	600 Day Weight (kg)	MCW (kg)	Milk (kg)	Scrotal Size (cm)	CWT (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBY %	IMF %	NFI-P (kg/day)	NFI-F (kg/day)	Docility
EBV	+3.4	+40	+77	+107	+84	+18	+2.8	+58	+4.5	+0.7	-1.6	-0.3	+3.6	+0.26	+0.43	--
ACC	91%	85%	82%	82%	79%	68%	82%	72%	68%	72%	70%	62%	62%	50%	51%	

Traits Observed: CE,BWT,200WT,400WT,SS,FAT,EMA,IMF,Genomics

Bplan Stats: Num of Herds 1, Progeny Analysed 49, Scan Progeny 5, Num of Dtrs 0

BREEDOBJECT \$INDEX VALUES

Angus Breeding	Heavy Grass	Domestic	Heavy Grain
+\$130	+\$118	+\$112	+\$154



REFERENCE SIRE GUIDE

Ref Sire BONGONGO H257 (AI) NGXH257
Verified to Sire
Calved: 03/08/2012 **Tattoo:** GX H257 (T&F) **Genetic Status:** AMFU NHFU CAFU DDFU **Reg'n Level:** HBR
 BOOROOMOOKA UNDERTAKEN Y145 TE MANIA INFINITY 04 379 AB
SIRE: NORE11 RENNYLEA EDMUND E11 (AI) (ET) **DAM:** NGXF271 BONGONGO F271 (AI)
 LAWSONS HENRY VIII Y5 (AI) BONGONGO D69 (AI)

September 2016 Angus Australia BREEDPLAN																
	Birth Weight (kg)	200 Day Weight (kg)	400 Day Weight (kg)	600 Day Weight (kg)	MCW (kg)	Milk (kg)	Scrotal Size (cm)	CWT (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBY %	IMF %	NFI-P (kg/day)	NFI-F (kg/day)	Docility
EBV	+1.8	+38	+73	+91	+66	+15	+2.3	+48	+7.7	+1.0	+0.6	+0.2	+3.6	+0.47	+0.80	--
ACC	83%	78%	78%	79%	77%	67%	75%	70%	66%	68%	67%	61%	62%	53%	55%	

Traits Observed: CE,BWT,200WT,400WT,FAT,EMA,IMF,Genomics
 Bplan Stats:Num of Herds 1, Progeny Analysed 9, Scan Progeny 2, Num of Dtrs 0

BREEDOBJECT \$INDEX VALUES			
Angus Breeding	Heavy Grass	Domestic	Heavy Grain
+\$132	+\$121	+\$119	+\$151

Ref Sire BONGONGO F165 (APR) (AI) NGXF165
Verified to Sire
Calved: 27/07/2010 **Tattoo:** GX F165 (T&F) **Genetic Status:** AMFU NHFU CAFU DDFU **Reg'n Level:** APR
 HYLINE RIGHT TIME 338 (ET) TE MANIA INFINITY 04 379 AB
SIRE: NORC574 RENNYLEA C574 (APR) (AI) (ET) **DAM:** NGXD437 BONGONGO D437 (APR) (AI)
 RENNYLEA W449 (APR) (AI) BONGONGO X290 (APR)

September 2016 Angus Australia BREEDPLAN																
	Birth Weight (kg)	200 Day Weight (kg)	400 Day Weight (kg)	600 Day Weight (kg)	MCW (kg)	Milk (kg)	Scrotal Size (cm)	CWT (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBY %	IMF %	NFI-P (kg/day)	NFI-F (kg/day)	Docility
EBV	+1.8	+37	+77	+97	+75	+20	+2.1	+58	+4.8	+1.1	+1.8	-0.9	+2.8	+0.31	+0.69	--
ACC	83%	76%	74%	73%	71%	60%	72%	65%	62%	63%	63%	60%	58%	51%	52%	

Traits Observed: CE,BWT,200WT,400WT,SS,FAT,EMA,IMF
 Bplan Stats:Num of Herds 1, Progeny Analysed 16, Scan Progeny 0, Num of Dtrs 0

BREEDOBJECT \$INDEX VALUES			
Angus Breeding	Heavy Grass	Domestic	Heavy Grain
+\$119	+\$114	+\$110	+\$129

Ref Sire BONGONGO H142 (APR) (AI) NGXH142
Verified to Sire
Calved: 28/07/2012 **Tattoo:** GX H142 (T&F) **Genetic Status:** AMFU NHFU CAFU DDFU **Reg'n Level:** APR
 BOOROOMOOKA UNDERTAKEN Y145 BONGONGO D56 (APR) (AI)
SIRE: NORE11 RENNYLEA EDMUND E11 (AI) (ET) **DAM:** NGXF532 BONGONGO F532 (APR) (AI)
 LAWSONS HENRY VIII Y5 (AI) BONGONGO C57 (APR) (AI)

September 2016 Angus Australia BREEDPLAN																
	Birth Weight (kg)	200 Day Weight (kg)	400 Day Weight (kg)	600 Day Weight (kg)	MCW (kg)	Milk (kg)	Scrotal Size (cm)	CWT (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBY %	IMF %	NFI-P (kg/day)	NFI-F (kg/day)	Docility
EBV	+2.2	+40	+72	+95	+71	+17	+2.0	+51	+4.1	+2.6	+2.3	-0.8	+3.7	+0.39	+0.46	--
ACC	89%	82%	79%	79%	78%	67%	72%	71%	65%	67%	66%	59%	59%	49%	51%	

Traits Observed: CE,BWT,200WT,400WT,FAT,EMA,IMF,Genomics
 Bplan Stats:Num of Herds 1, Progeny Analysed 33, Scan Progeny 0, Num of Dtrs 0

BREEDOBJECT \$INDEX VALUES			
Angus Breeding	Heavy Grass	Domestic	Heavy Grain
+\$130	+\$119	+\$113	+\$147

Ref Sire BONGONGO H137 (AI) NGXH137
Verified to Sire
Calved: 28/07/2012 **Tattoo:** GX H137 (T&F) **Genetic Status:** AMFU NHFU CAFU DDFU **Reg'n Level:** HBR
 BOOROOMOOKA UNDERTAKEN Y145 BONGONGO D641 (AI)
SIRE: NORE11 RENNYLEA EDMUND E11 (AI) (ET) **DAM:** NGXF709 BONGONGO F709
 LAWSONS HENRY VIII Y5 (AI) BONGONGO C23 (AI) (ET)

September 2016 Angus Australia BREEDPLAN																
	Birth Weight (kg)	200 Day Weight (kg)	400 Day Weight (kg)	600 Day Weight (kg)	MCW (kg)	Milk (kg)	Scrotal Size (cm)	CWT (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBY %	IMF %	NFI-P (kg/day)	NFI-F (kg/day)	Docility
EBV	+2.5	+40	+76	+90	+39	+13	+2.3	+53	+8.3	+2.7	+2.5	-0.3	+3.4	+0.66	+0.87	--
ACC	83%	79%	77%	77%	77%	66%	71%	70%	65%	67%	66%	59%	60%	49%	51%	

Traits Observed: CE,BWT,200WT,400WT,FAT,EMA,IMF,Genomics
 Bplan Stats:Num of Herds 1, Progeny Analysed 13, Scan Progeny 0, Num of Dtrs 0

BREEDOBJECT \$INDEX VALUES			
Angus Breeding	Heavy Grass	Domestic	Heavy Grain
+\$137	+\$128	+\$125	+\$150



REFERENCE SIRE GUIDE

Ref Sire **BONGONGO H150 (AI) (ET)**

NGXH150

Verified to Sire

Calved: 29/06/2012 Tattoo: GX H150 (T&F) Genetic Status: AMFU NHFU CAFU DDF Reg'n Level: HBR
 BT RIGHT TIME 24J BON VIEW NEW DESIGN 1407
SIRE: CCVD057 VERMONT DRAMBUIE D057 (AI) (ET) **DAM: NGXB602 BONGONGO B602 (AI) (ET)**
 VERMONT WILCOOLA X55 (AI) (ET) BONGONGO NGXX9 (AI)

September 2016 Angus Australia BREEDPLAN

	Birth Weight (kg)	200 Day Weight (kg)	400 Day Weight (kg)	600 Day Weight (kg)	MCW (kg)	Milk (kg)	Scrotal Size (cm)	CWT (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBY %	IMF %	NFI-P (kg/day)	NFI-F (kg/day)	Docility
EBV	+4.1	+44	+74	+103	+72	+20	+1.8	+55	+8.9	+0.9	+1.6	+0.4	+2.1	+0.00	-0.16	--
ACC	87%	80%	77%	78%	77%	69%	72%	70%	60%	64%	62%	56%	58%	50%	52%	

Traits Observed: BWT,200WT,400WT,FAT,EMA,IMF,Genomics
 Bplan Stats:Num of Herds 1, Progeny Analysed 23, Scan Progeny 0, Num of Dtrs 0

BREEDOBJECT \$INDEX VALUES

Angus Breeding	Heavy Grass	Domestic	Heavy Grain
+\$125	+\$122	+\$111	+\$129

Ref Sire **BONGONGO H408 (APR) (AI)**

NGXH408

Verified to Mating

Calved: 05/09/2012 Tattoo: GX H408 (T&F) Genetic Status: AMC NHFU CAFU DDC Reg'n Level: APR
 TE MANIA BARTEL B219 (AI) (ET) RENNYLEA B101 (APR) (AI) (ET)
SIRE: BHRE614 DUNOON EVIDENT E614 (AI) (ET) **DAM: BNAD4 TUWHARETOA D4 (APR)**
 DUNOON ELSA B681 TUWHARETOA B175 (APR) (AI) (ET)

September 2016 Angus Australia BREEDPLAN

	Birth Weight (kg)	200 Day Weight (kg)	400 Day Weight (kg)	600 Day Weight (kg)	MCW (kg)	Milk (kg)	Scrotal Size (cm)	CWT (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBY %	IMF %	NFI-P (kg/day)	NFI-F (kg/day)	Docility
EBV	+4.8	+40	+78	+100	+89	+17	+3.0	+55	+8.0	-0.4	+0.5	+0.4	+3.0	+0.33	+0.62	--
ACC	85%	80%	77%	75%	73%	63%	61%	68%	63%	65%	65%	61%	60%	51%	53%	

Traits Observed: CE,BWT,200WT,400WT,FAT,EMA,IMF
 Bplan Stats:Num of Herds 1, Progeny Analysed 22, Scan Progeny 0, Num of Dtrs 0

BREEDOBJECT \$INDEX VALUES

Angus Breeding	Heavy Grass	Domestic	Heavy Grain
+\$98	+\$91	+\$90	+\$111

Ref Sire **BONGONGO F411 (APR) (AI) (ET)**

NGXF411

Verified to Sire

Calved: 12/09/2010 Tattoo: GX F411 (T&F) Genetic Status: AMFU NHFU CAFU DDF Reg'n Level: APR
 TWYNAM YARRAMAN Y17 (AI) B/R DESTINATION 727-928
SIRE: NORB77 RENNYLEA B77 (APR) (AI) (ET) **DAM: BBAZ90 COMFORT HILL BEEAC Z90 (AI) (ET)**
 RENNYLEA W449 (APR) (AI) TE MANIA BEEAC U283 (AI) (ET)

September 2016 Angus Australia BREEDPLAN

	Birth Weight (kg)	200 Day Weight (kg)	400 Day Weight (kg)	600 Day Weight (kg)	MCW (kg)	Milk (kg)	Scrotal Size (cm)	CWT (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBY %	IMF %	NFI-P (kg/day)	NFI-F (kg/day)	Docility
EBV	+2.7	+39	+77	+93	+53	+24	+1.5	+54	+5.2	+0.8	+0.8	-0.2	+2.8	+0.26	+0.38	--
ACC	91%	86%	82%	84%	78%	66%	83%	72%	70%	74%	74%	67%	66%	56%	56%	

Traits Observed: BWT,200WT,400WT,SS,FAT,EMA,IMF,Genomics
 Bplan Stats:Num of Herds 2, Progeny Analysed 46, Scan Progeny 11, Num of Dtrs 0

BREEDOBJECT \$INDEX VALUES

Angus Breeding	Heavy Grass	Domestic	Heavy Grain
+\$129	+\$120	+\$118	+\$140

Ref Sire **BONGONGO J45 (AI)**

NGXJ45

Verified to Sire

Calved: 13/03/2013 Tattoo: GX J45 (T&F) Genetic Status: AMF NHFU CAFU DDF Reg'n Level: HBR
 TE MANIA BARTEL B219 (AI) (ET) ARDROSSAN EQUATOR A241 (AI) (ET)
SIRE: HIOE7 AYRVALE BARTEL E7 (AI) (ET) **DAM: NGXG112 BONGONGO G112 (AI)**
 EAGLEHAWK JEDDA B32 (AI) BONGONGO Z72

September 2016 Angus Australia BREEDPLAN

	Birth Weight (kg)	200 Day Weight (kg)	400 Day Weight (kg)	600 Day Weight (kg)	MCW (kg)	Milk (kg)	Scrotal Size (cm)	CWT (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBY %	IMF %	NFI-P (kg/day)	NFI-F (kg/day)	Docility
EBV	+2.4	+43	+81	+98	+70	+23	+3.0	+72	+7.3	+0.2	+0.4	+0.3	+2.7	+0.34	+0.44	--
ACC	82%	76%	74%	76%	76%	67%	73%	68%	60%	64%	62%	56%	58%	50%	53%	

Traits Observed: GL,CE,BWT,200WT,Genomics
 Bplan Stats:Num of Herds 1, Progeny Analysed 11, Scan Progeny 1, Num of Dtrs 0

BREEDOBJECT \$INDEX VALUES

Angus Breeding	Heavy Grass	Domestic	Heavy Grain
+\$128	+\$122	+\$122	+\$138



IMPORTANT NOTICES FOR PURCHASES



~ SALE CATALOGUE DISCLAIMER ~

All reasonable care has been taken by the vendor to ensure that the information provided in this catalogue is correct at the time of publication. However, neither the vendor nor the selling agents make any other representations about the accuracy, reliability or completeness of any information provided in this catalogue and do not assume any responsibility for the use or interpretation of the information included in this catalogue. You are encouraged to seek independent verification of any information contained in this catalogue before relying on such information.

~ DNA PATERNITY VERIFICATION ~

It is a requirement of Angus Australia that all bulls used to sire calves for registration in the Angus Australia Herd Book Register, Red Angus Register or Angus Performance Register must have been DNA paternity verified if they are born in or after the 'Y' year (2003). Buyers intending to use bulls listed in this catalogue to produce calves to be registered in these registers should obtain DNA paternity verification on those bulls before they are used for breeding.

~ PRIVACY INFORMATION ~

In order for Angus Australia to process the transfer of a registered animal in this catalogue, the vendor will need to provide certain information to Angus Australia and the buyer consents to the collection and disclosure of that information by Angus Australia in certain circumstances. If the buyer does not wish for his or her information to be stored and disclosed by Angus Australia, the buyer must complete the form included below and forward it to Angus Australia. If the form is not completed, the buyer will be taken to have consented to the disclosure of such information.

BUYER'S OPTION TO OPT OUT OF DISCLOSING PERSONAL INFORMATION TO THE ANGUS AUSTRALIA

If you do not complete this form, you will be taken to have consented to Angus Australia using your name, address and phone number for the purposes of effecting a change of registration of the animal(s) that you have purchased, maintaining its databases and disclosing that information to its members on its website.

I, the buyer of animals with the following registration numbers from member (name) do not consent to Angus Australia using my name, address and phone number for the purposes of effecting a change of registration of the following animal(s) that I have purchased, maintaining its databases and disclosing that information to its members on its website.

Signature:

Date:

Please forward this completed consent form to Angus Australia, Glen Innes Road, Locked Bag 11, Armidale NSW 2350. If you have any queries, please telephone 02 6772 3011 or e-mail office@angusaustralia.com.au.



BUYERS INSTRUCTION SLIP

BONGONGO ANGUS **SPRING BULL SALE** **28TH SEPTEMBER 2016**

(To be handed to the settling office immediately after the sale)

PURCHASER DETAILS:

Purchaser Name: _____

Trading Name: _____

Address: _____

Phone Number: _____

Mobile: _____

Email: _____

Property Manager or Stockman Phone No.: _____

Property Identification Code: (PIC, must be provided on day of sale): _____

DELIVERY DETAILS:

Lots Purchased: _____

Transport Arrangements: _____

ACCOUNT SETTLEMENT:

Signature: _____

If you elect to settle through an Agent who has nominated you, the Agent must sign below:

Agent: Signature: _____

Date: 28th September 2016 _____

STUD REGISTRATION TRANSFER:

Do you wish to have the Angus Society of Australia's registration of your bull transferred into your name?

YES

NO

Society ID No. _____



WHAT A LOAD OF BULL!



ABN 65002608219

"Riverview" 1188 Crowes Rd Coolac NSW 2727

VETERINARY NEWSLETTER

by Bill Graham BVSc (featured in *The Land* July 2014)

DEPENDABULL + INSATIABULL = PROFITABULL

With the upcoming bull sales prior to the majority spring joining of most temperate climate herds it is a timely reminder of the important issues when purchasing your bull requirements.

It is time for the beef industry to move to best practice not the old adage "buyer beware." The progressive studs have introduced this best practice for the last two decades but it is an indictment of any bull breeder/seller not to protect your bull client's best interest when they purchase, by offering bulls that have not been subjected to a Veterinary Bull Breeding Soundness Examination (VBBSE).

The minimum requirement of VBBSE for yearling to two year old sale bulls prior to sale or being retained for your own use should be:

- Done by a veterinarian that is accredited VBBSE member
- Scrotal palpation and measurement
- Examination of external genitalia especially penis for warts, persistent frenulum, hair rings, injuries, balanitis etc.
- General physical exam including feet and legs for structure
- A negative pestivirus (BVDV) test for PI (Persistently Infected) bulls by ear notch or tail hair sample.
- Up to date vaccination history with special emphasis on VIBRIOSIS – an important vaccine to prevent a venereal disease.

Bulls that fail the test with obvious defects must be culled and not offered for sale. Bulls that are suspect may require further testing. A couple of obvious examples are:

- The bull with suspect scrotal size or poorer quality palpation requires semen testing with the use of an independent morphology laboratory to do the testing.
- Any bull that has penile surgery should be subjected to a serving ability test prior to being passed fit for sale.

The question of semen testing every bull for sale needs to be discussed with your own vet. In the southern beef temperate area there is little evidence to suggest it is necessary as a routine test. Bulls in this climate if passing the other requirements especially normal scrotal palpation and measurement above minimum standards are most unlikely to have semen quality issues. There are exceptions but our practice only identified one bull this pregnancy testing season that has failed but his crushside test was good and then failed semen morphology. We do a large load of bull breeding work and find it hard to justify the increased cost of semen testing when the majority of subfertile and infertile bulls are discovered by a thorough physical examination.

Certification with a VBBSE should be available to every bull buyer explaining what has been done to protect their investment. The importance of bull insurance for the first six to twelve months of a bull's working life was discussed last year in this publication and is worthy of your consideration.

Finally, the best investment each producer that is focused on profitability in their beef breeding business can make is to yearly test their bull battery prior to joining and before the annual bull sales so they can budget on their requirements.

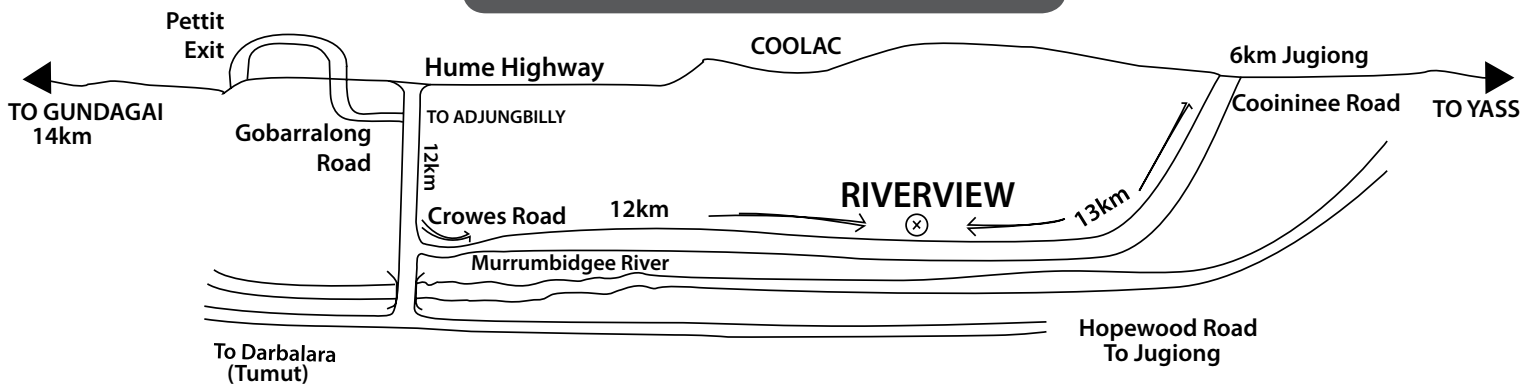
What is important?

- Have a fit and capable bull battery. Do not allow your bulls to get FAT! Your bulls will last a lot longer be more agile and virile if they are not overweight. The best mature bull paddock is often your worst paddock. Young bulls need a better paddock as they are still growing.
- Check test as per the VBBSE for sale bulls.
- Do this check one to two months prior to joining is the best timing.
- If possible do a serving ability test (SAT) because as bulls age there is a greater range of problems that become obvious.

Our experience is that those farmers that apply all of the above with aged bulls achieve a yearly pregnancy test rate 5% better compared with doing nothing. One can bull budget better plus have a more even calving histogram.



SALE LOCATION MAP



FROM GUNDAGAI

Take the left exit off Hume Highway to Pettit/Coolac then take first right to Adjungbilly and follow this road under highway, turn onto Gobarralong Rd for 12 kms. Take Crowes Rd to the left just before crossing the Murrumbidgee River; follow road for 12kms to Riverview.

Note: Do not take the Riverview Road sign stay on Crowes Road.

FROM YASS

From Yass, head towards Jugiong. Take the Cooininee Rd approximately 6kms south of Jugiong. Riverview is 13km down that road.



BULL SALE HIGHLIGHTS

ALL BULLS HAVE BEEN GENOMIC TESTED (Zoetis i50K)

LEADING AUSTRALIAN SIRES WITH EXCELLENT BREEDPLAN PERFORMANCE:

- 9 sons by Lawsons Novak E313 (Impressive Group)
- 9 sons by Ardrossan Honour H255 (New Bull)
- 8 sons by Karoo Generator G220 (Regent Son)
- 6 sons by Rennylea G255 (Regent Son)
- 5 sons by Milwillah Gatsby G279 (Regent Son)
- 7 sons by Aberdeen Harper H11 (Docklands Son)
- 6 sons by Rennylea Edmund E11 (Calving Ease)

OUTCROSS SIRES INCLUDE:

- Matauri Reality 839
- Lawsons Novak E313
- Silverais Conversion 8064
- AAA R TEN X 7008
- Coneally Confidence 0100
- Coneally Comrade 1385
- Aberdeen Harper H11

EBV FIGURES FOR 2016 SPRING SALE GROUP (compared with Breed Average)

- 77% below for Birthweight (BW)
- 80% below for Gestation Length (GL)
- 72% above for 400 Day Growth (400D)
- 85% below for Days to Calving (DC)
- 90% above for Milk (MILK)
- 94% above for Eye Muscle Area (EMA)
- 94% above for Marbling (IMF)
- 97% below for 600 Day Weight for MCW+
re moderate cow size

**94% ABOVE
FOR ANGUS
BREEDING INDEX**

**94% ABOVE
FOR DOMESTIC
FEED INDEX**

**92% ABOVE
FOR GRASS &
HEAVY GRAIN
INDEX**



Bongongo Angus
Riverview
Coolac NSW 2727

POSTAGE
PAID
AUSTRALIA

Miss Jessica Graham
51 Kooronga Avenue
Orange NSW 2800

PLEASE BRING THIS CATALOGUE TO THE SALE
www.bongongoangus.com.au

