

TR

THE ROCK ANGUS



SPRING BULL SALE
WEDNESDAY 4TH SEPTEMBER, 2024 at 12pm



PARENTAGE ASSURED
BY ANGUS AUSTRALIA



From Little Things
Big Things Grow

The logo consists of the letters 'T' and 'R' in a white, bold, sans-serif font, stacked vertically within a black square.

THE ROCK ANGUS

8th Annual Spring Bull Sale

21 HBR ANGUS BULLS

Sale commences at 12 pm on property
“Elouera” 5082 Olympic Hwy, The Rock, NSW
Inspections from 10 am

James & Karen Masson
James 0410 488 566 | Karen 0414 629 202
www.therockangus.com
Email: info@therockangus.com

SELLING AGENTS

The logo features the word 'Nutrien' in a bold, italicized, black sans-serif font with a green leaf icon to its left. Below it, 'Ag Solutions' is written in a smaller, italicized, black sans-serif font with a trademark symbol.

Tim Woodham	0436 015 115
Ken Miall	0427 135 974
Peter Cabot	0418 601 695

The logo features a blue stylized icon of a person with arms raised, followed by the text 'AuctionsPlus' in a bold, blue, sans-serif font.

PLEASE BRING THIS CATALOGUE TO THE SALE

DISCLAIMER: Every care has been taken by The Rock Angus in the preparation, proofing and production of this catalogue to ensure the accuracy of information supplied. Neither The Rock Angus nor the selling agents or representative(s) thereof assume any responsibility for any errors which may have occurred.

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Livestock	Peter Cabot	0418 601 695
Livestock	Jarrold Slattery	0428 695 700
Livestock	James Croker	0427 753 533
Livestock	Hamish McGeoch	0467 715 232
Livestock	Ken Miall	0427 135 974
Livestock	Jaiden Burke	0407 666 768
Branch Manager	Peter Dorsett	0427 953 979
Livestock Stud Specialist	Rick Power	0437 131 925
Livestock Stud Specialist	Tim Woodham	0436 015 115
Insurance Manager	Fiona Petersen	0408 924 508



James & Karen Masson

THE ROCK ANGUS



James 0410 488 566

Karen 0414 629 202



info@therockangus.com



5082 Olympic Hwy The Rock NSW 2655



www.therockangus.com

Welcome to our 8th Annual Spring on-farm auction.

We are pleased to offer 21 bulls this year, ranging in age from 18 months to 2 years.

After three magnificent seasons, the correction finally came. There was no autumn break to speak of and this winter has been unusually cold and dry in our part of the Riverina. Like many of you, we have been feeding stock for several months but there is light at the end of the tunnel. We have had good rain events over the past fortnight with more forecast. The sub-zero mornings have passed and pasture growth is occurring. The stage is set for another great spring which should bring optimism back into the market.

Given that there had been significant de-stocking of females in the region during autumn and winter, our emphasis has been on offering bulls suitable for heifer joinings. 85% of the bulls in this sale fit the bill.

Sires this year include Moogenilla Quinella, Millah Murrah Rembrandt, Chiltern Park Moe and Picasso, Baldrige Compass, Murdeduke Quarterback and two home-grown Phoenix sons.

Inspection of the bulls can be made at our Open Day on Wednesday 21 August between 10 am and 4 pm, or by appointment. Videos will be uploaded to our website and social media pages in the coming week.

Please get in touch if you would like any further information.

We look forward to seeing you on sale day.

James & Karen

BUYERS' INFORMATION

INSPECTION

Lots catalogued will be available for inspection from 10 am on sale day, Wednesday 4th September.

STOCK HEALTH

All bulls have been tested as non-carriers for BVDV and have been vaccinated twice with Pestigard, Ultravac 7 in 1 and Vibrovax. A breeding structural soundness examination was conducted by Cam Duffy from The Holbrook Vet Centre on 25th June. This included palpation of the testicles and penis and measurement of testicular circumference. Structural assessment of the bulls as yearlings was undertaken by Liam Cardile. This data has been incorporated into structural EBVs for each animal.

GUARANTEE

The Rock Angus 1 year guarantee.


All bulls have been assessed for structural soundness and evaluated for fertility. To the best of our knowledge, the bulls offered are in sound, working order as at the time of sale. If during the next 12 months, a bull breaks down due to reasons other than illness, injury or disease contracted after leaving The Rock Angus, we will:

1. Look to provide a mutually agreed upon replacement as quickly as practicable, or if a replacement is not possible;
2. We will issue a refund equal to the purchase price minus any salvage value. In some cases, a veterinary report may be requested. The guarantee is for the value of the bull, without interest, costs or damages. It is important to understand that normal care and good husbandry practices must be observed as replacement or a credit is not available if a bull is simply injured or dies for any other reason. As such, we strongly recommend you insure your bull/s against injury or death.

INSURANCE

A Nutrien insurance agent will be present on sale day.

OFFSITE BIDDING

All lots will sell through the sale ring under normal auction conditions. The sale will be interfaced with  AuctionsPlus.

Please register prior to the sale if you wish to bid online. Full phone coverage is available at the sale shed.

Please contact **Ken Miall** on **0427 135 974** at least 24 hours prior to the sale if you are unable to attend in person and wish to register to bid.

SALE REBATES

Outside agents who are accompanying a purchaser to the sale and settle within 7 days are entitled to a 3% rebate. Outside agents who introduce their clients prior to the sale but do not attend the sale themselves and settle within 7 days are entitled to a 1% rebate. To qualify for a rebate, the agent must register with The Rock Angus or Nutrien in writing or by e-mail no later than 24 hours before the sale.

HOSPITALITY

Light refreshments and lunch will be provided. Portable toilets will be available near the sale ring. For accessible facilities, please enquire at the hospitality tent.

TRANSPORT

Local and interstate carriers will be in attendance at the sale. Free delivery will be provided within a 100 km radius.

DISCLAIMER NOTE

Any person(s) entering the property known as "Elouera" for any purpose (including but not limited to the attendance of cattle sales and auctions) enters the property at his/her own risk. You release us to the full extent permitted by law and indemnify us from and against injury, loss or death suffered by you or any other person arising directly or indirectly from any cause at the property. You also release us to the full extent permitted by law and indemnify us from and against any theft, loss or damage of any kind to personal property sustained by you or any other persons arising directly or indirectly from any cause at the property. "We" or "us" refers to the Masson family, employees, contractors, Nutrien, and/or outside agents.

SALE DAY SAFETY

All the sale bulls have been screened for temperament and are quiet to handle under normal circumstances. However, there are inherent risks associated with cattle handling.

People entering the yards are at risk of injury. Be especially alert for bulls fighting. We do not expect the bulls to be aggressive, but sale day conditions place unfamiliar pressures on them.

Do not crowd the bulls or loiter inside the pens.

Do not enter the pens unnecessarily.

Please note that the sale pens have a stand-off electric hot wire.

Visitors enter the cattle pens at their own risk.

Children under 16 years must not enter the yards.

BULL MANAGEMENT

At The Rock Angus, all calves are weighed on the day they are born on a Gallagher Tsi2 digital weigh scale. A visual tag is inserted in the left ear and an EID NLIS tag is inserted in the right ear. An ear TSU is taken for DNA parental verification, genomically-enhanced EBVs and PI testing. They are weighed again at 200, 400 days and 600 days of age.

At 400 days, the bulls are ultrasound scanned by Liam Cardile for rib, rump and intramuscular fat and eye muscle area. Scrotal circumference is measured and recorded. A structural assessment is also performed. All data is submitted to Angus Breedplan.

Prior to sale, all bulls are freeze branded with TR on their left rump.

All bulls are DNA tested, which increases the accuracy of pedigree EBVs. The test also includes parental verification which is the only way the buyer can be guaranteed of the animal's pedigree.

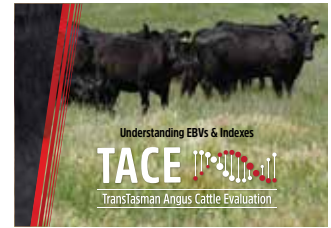
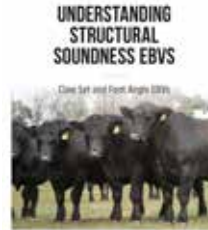
Our bulls have been raised on pasture and hay. They are used to being moved by motorbikes, quad bikes and on foot. They have not been exposed to dogs or horses. All fences on our property are electrified.

BEEF CLASS STRUCTURAL ASSESSMENT SYSTEM

Structural problems in cattle have a substantial effect on both the reproductive and growth performance of a beef herd. It is widely recognised that structural problems in sires have detrimental effects on conception rates, calving patterns and thus profitability. Similarly, females with inadequate structural characteristics are more prone to weaning lighter calves or conceiving later in the breeding season than their more functional counterparts. These structural problems are filtered through the supply chain resulting in reduced income for the producer, feedlot and thus reducing the overall productivity of the Australian Beef Industry.

Over the past decade, use of the Beef Class Structural Assessment System in the seedstock industry has produced a marked improvement in herds which have shown commitment to using the information appropriately. Through these dedicated breeders, there has been a flow-on effect of structural improvement through out all sectors

of the beef cattle industry. This structural analysis has allowed the formation of structural EBVs which are gaining momentum within the industry. Angus Australia have produced several publications on structural EBVs which can be found on their website.



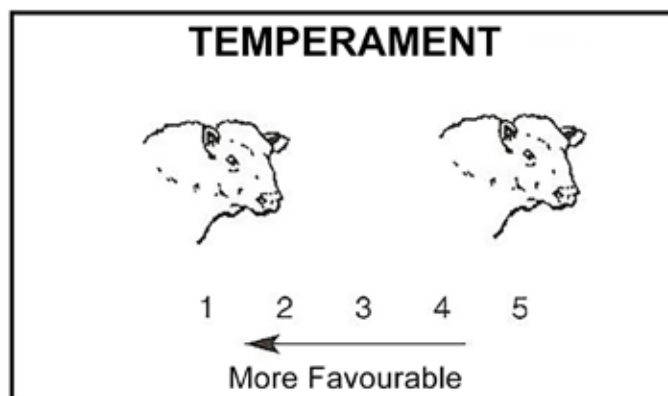
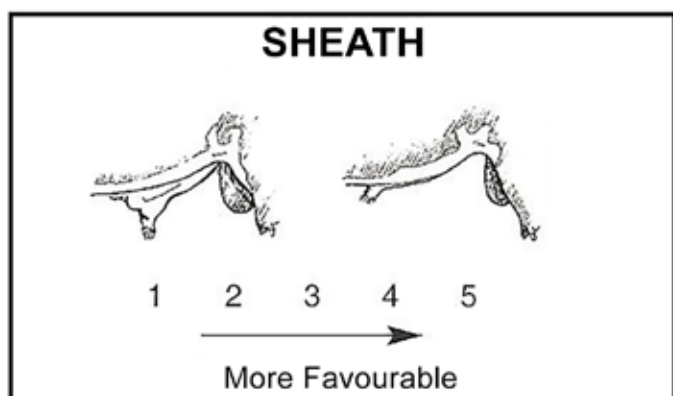
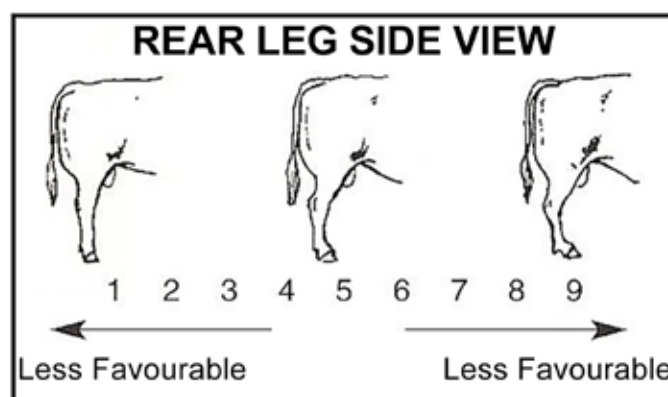
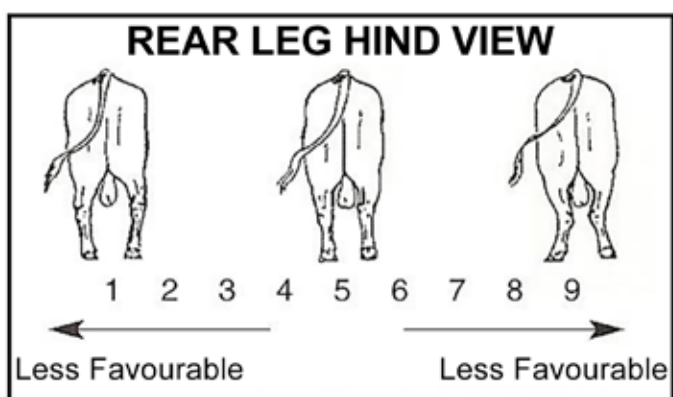
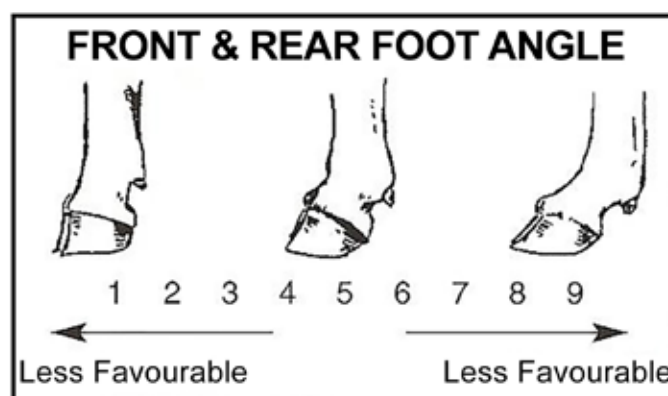
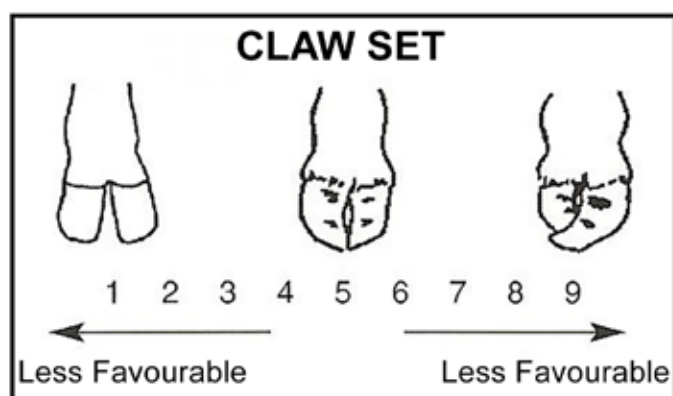
Liam Cardile of 'BEEFXCEL' structurally assesses many of the leading seedstock herds in Australia. 'BEEFXCEL' is not involved in any genetic marketing or specific breeding advice and therefore, has no conflicts of interest to influence its stock appraisal. The integrity of the structural data provided by 'BEEFXCEL' is recognised throughout the industry as Liam is a fully independent assessor.



THE ROCK ANGUS' STRUCTURAL PROGRAM:

The Rock Angus' 2024 Sale bulls have been independently structurally assessed to maximise the quality of stock on offer. Any animals deemed inadequate have been removed from the sale draft. The Rock Angus sale bulls were assessed by Liam Cardile of BEEFXCEL.

HOW TO USE THE BEEF CLASS STRUCTURAL ASSESSMENT SYSTEM



The Beef Class Structural Assessment System uses a 1-9 scoring system;

- A score of 5 is ideal.
- A score of 4 or 6 shows slight variation from ideal, but this includes most sound animals.
- An animal scoring 4 or 6 would be acceptable in any breeding program.
- A score of 3 or 7 shows greater variation but would be acceptable in most commercial programs. However, seedstock producers should be vigilant and understand that this score indicates greater variation from ideal.
- A score of 2 or 8 are low scoring animals and should be looked at cautiously and inspected very closely before purchasing.
- A score of 1 or 9 should not be catalogued and are considered immediate culls.

TransTasman Angus Cattle Evaluation - Mid August 2024 Reference Tables



BREED AVERAGE EBVs																															
Calving Ease				Birth				Growth				Fertility				Carcass				Other				Structure				Selection Indexes			
CEDir	CEDtrs	GL	BW	200	400	600	MCW	Milk	SS	DTC	CWT	EMA	RIB	P8	RBV	IMF	NFI-F	DOC	Claw	Angle	Leg	Score	Angle	Leg	\$A	\$A-L					
Brd Avg	+1.8	+2.7	-4.4	+4.0	+51	+92	+102	+17	+2.2	-4.6	+67	+6.4	+0.0	-0.3	+0.5	+2.3	+0.22	+21	+0.84	+0.97	+1.02				+200	+344					

* Breed average represents the average EBV of all 2022 drop Australian Angus and Angus-influenced seedstock animals analysed in the Mid August 2024 TransTasman Angus Cattle Evaluation .

PERCENTILE BANDS TABLE																															
Calving Ease				Birth				Growth				Fertility				Carcass				Other				Structure				Selection Indexes			
% Band	CEDir	CEDtrs	GL	BW	200	400	600	MCW	Milk	SS	DTC	CWT	EMA	RIB	P8	RBV	IMF	NFI-F	DOC	Claw	Angle	Leg	Score	Angle	Leg	\$A	\$A-L				
1%	+10.0	+9.8	-10.4	-0.4	+71	+124	+164	+166	+29	+5.1	-8.9	+101	+14.9	+4.5	+5.5	+2.1	+6.1	-0.65	+45	+0.42	+0.60	+0.72				+278	+454				
5%	+8.3	+8.3	-8.6	+1.0	+65	+114	+150	+145	+25	+4.1	-7.5	+90	+12.2	+3.1	+3.6	+1.6	+4.9	-0.38	+37	+0.54	+0.70	+0.82				+257	+424				
10%	+7.2	+7.2	-7.6	+1.7	+61	+109	+142	+135	+23	+3.6	-6.8	+85	+10.8	+2.3	+2.7	+1.3	+4.3	-0.24	+33	+0.60	+0.76	+0.86				+245	+407				
15%	+6.4	+6.5	-7.0	+2.2	+59	+105	+137	+128	+22	+3.3	-6.4	+81	+9.9	+1.8	+2.0	+1.2	+3.9	-0.15	+30	+0.64	+0.80	+0.90				+237	+396				
20%	+5.7	+5.9	-6.5	+2.5	+58	+103	+134	+122	+21	+3.1	-6.1	+79	+9.2	+1.4	+1.5	+1.0	+3.6	-0.08	+28	+0.68	+0.84	+0.92				+230	+387				
25%	+5.1	+5.4	-6.1	+2.8	+56	+101	+131	+118	+20	+2.9	-5.8	+76	+8.6	+1.1	+1.2	+0.9	+3.3	-0.02	+27	+0.72	+0.86	+0.94				+225	+380				
30%	+4.5	+4.9	-5.7	+3.1	+55	+99	+128	+114	+19	+2.7	-5.5	+74	+8.1	+0.9	+0.8	+0.8	+3.0	+0.03	+25	+0.74	+0.88	+0.96				+220	+373				
35%	+4.0	+4.5	-5.3	+3.3	+54	+97	+126	+111	+19	+2.6	-5.3	+73	+7.6	+0.6	+0.5	+0.7	+2.8	+0.08	+24	+0.76	+0.90	+0.98				+215	+366				
40%	+3.5	+4.0	-5.0	+3.5	+53	+95	+123	+108	+18	+2.4	-5.1	+71	+7.2	+0.4	+0.2	+0.7	+2.6	+0.12	+23	+0.78	+0.92	+1.00				+211	+360				
45%	+2.9	+3.6	-4.7	+3.8	+52	+93	+121	+104	+18	+2.3	-4.8	+69	+6.7	+0.2	-0.1	+0.6	+2.4	+0.17	+21	+0.82	+0.94	+1.00				+207	+354				
50%	+2.4	+3.1	-4.4	+4.0	+51	+92	+119	+101	+17	+2.1	-4.6	+67	+6.3	+0.0	-0.3	+0.5	+2.2	+0.21	+20	+0.84	+0.96	+1.02				+203	+348				
55%	+1.9	+2.7	-4.1	+4.2	+50	+90	+116	+98	+16	+2.0	-4.4	+66	+5.9	-0.2	-0.6	+0.4	+2.0	+0.26	+19	+0.86	+0.98	+1.04				+198	+342				
60%	+1.3	+2.2	-3.8	+4.4	+49	+88	+114	+95	+16	+1.9	-4.2	+64	+5.5	-0.5	-0.9	+0.3	+1.8	+0.30	+18	+0.88	+1.00	+1.06				+194	+336				
65%	+0.7	+1.7	-3.5	+4.6	+48	+87	+112	+92	+15	+1.7	-4.0	+62	+5.1	-0.7	-1.2	+0.2	+1.7	+0.35	+17	+0.90	+1.02	+1.06				+189	+329				
70%	+0.0	+1.1	-3.1	+4.9	+47	+85	+109	+89	+14	+1.6	-3.8	+61	+4.7	-0.9	-1.5	+0.2	+1.5	+0.40	+16	+0.94	+1.04	+1.08				+184	+322				
75%	-0.8	+0.5	-2.8	+5.1	+45	+83	+107	+85	+14	+1.4	-3.6	+59	+4.2	-1.2	-1.8	+0.1	+1.3	+0.45	+14	+0.96	+1.08	+1.10				+178	+313				
80%	-1.7	-0.2	-2.4	+5.4	+44	+81	+104	+81	+13	+1.3	-3.3	+56	+3.7	-1.4	-2.2	-0.1	+1.1	+0.52	+13	+1.00	+1.10	+1.12				+171	+303				
85%	-2.9	-1.1	-1.9	+5.8	+42	+78	+100	+76	+12	+1.1	-2.9	+54	+3.0	-1.8	-2.6	-0.2	+0.8	+0.59	+11	+1.04	+1.14	+1.16				+163	+291				
90%	-4.4	-2.4	-1.2	+6.2	+40	+75	+95	+70	+11	+0.8	-2.5	+50	+2.2	-2.2	-3.2	-0.4	+0.5	+0.69	+9	+1.08	+1.18	+1.18				+152	+275				
95%	-6.9	-4.4	-0.2	+6.9	+37	+70	+88	+60	+9	+0.4	-1.7	+45	+1.0	-2.9	-4.2	-0.7	+0.0	+0.85	+5	+1.16	+1.24	+1.24				+136	+250				
99%	-12.4	-8.7	+1.8	+8.4	+30	+59	+74	+40	+5	-0.5	-0.2	+34	-1.6	-4.3	-6.0	-1.2	-0.9	+1.15	-1	+1.30	+1.38	+1.34				+106	+201				
	More Difficult	More Difficult	Longer Gestation	Heavier Birth	Lighter Live Weight	Lighter Live Weight	Lighter Live Weight	Lighter Live Weight	Lighter Live Weight	Smaller Scrotal Size	Longer Time to Calving	Lighter Carcass Weight	Smaller EMA	Less Fat	Less Fat	Lower Yield	Less IMF	Lower Feed Efficiency	Less Docile	Higher Score	Higher Score	Higher Score	Higher Score	Higher Score	Lower Profitability	Lower Profitability	Lower Profitability				

* The percentile bands represent the distribution of EBVs across the 2022 drop Australian Angus and Angus-influenced seedstock animals analysed in the Mid August 2024 TransTasman Angus Cattle Evaluation .

EBV Quick Reference for -The Rock Angus Annual Spring Bull Sale 2024

Animal Ident	Calving Ease/Birth				Growth				Fertility				Carcass				Feed				Structural			Selection Indexes	
	CEDir	CEDtrs	GL	BWT	200	400	600	MCW	Milk	SS	DTC	CWT	EMA	RIB	P8	RBV	IMF	NFI-F	Doc	Claw	Angle	Leg	\$A	\$A-L	
1	ATZ23U19	+3.4	+2.3	-6.3	+4.8	+56	+102	+93	+22	+4.2	-2.8	+83	+100	-1.7	-0.9	+1.0	+2.4	+0.46	+21	+0.56	+0.60	+0.84	\$230	\$372	
2	ATZ23U46	+4.2	+7.3	-0.7	+3.2	+53	+101	+82	+34	+4.7	-5.2	+96	+96	+0.4	+1.4	-0.1	+2.8	+0.63	+24	+0.72	+0.94	+1.06	\$254	\$404	
3	ATZ23U31	+5.5	+10.5	-7.1	+4.1	+53	+93	+126	+100	+21	+10	+87	+10.3	-0.7	-1.5	+1.4	+2.3	+0.49	+17	+0.50	+0.72	+1.00	\$234	\$388	
4	ATZ23U48	-0.7	+0.6	-0.8	+4.3	+54	+99	+132	+108	+24	+3.4	+73	+9.6	+0.6	+0.3	+0.9	+3.3	-0.06	+23	+0.50	+1.00	+1.02	\$218	\$359	
5	ATZ23U17	+8.2	+3.9	-4.4	+2.2	+61	+106	+138	+84	+29	+1.5	+75	+9.0	+0.6	+0.3	+0.1	+3.3	+0.45	+21	+0.94	+0.86	+0.80	\$271	\$423	
6	ATZ23U27	+3.8	+2.2	-5.0	+3.8	+51	+90	+110	+81	+25	+2.6	+59	+4.3	+0.6	+1.9	+0.2	+3.7	+0.34	+24	+0.70	+0.82	+1.00	\$233	\$369	
7	ATZ23U49	+8.1	+3.5	-8.4	+0.1	+46	+83	+105	+82	+12	+0.5	+61	+4.1	+2.1	+3.3	-0.9	+3.0	+0.11	+13	+0.86	+1.00	+0.82	\$185	\$322	
8	ATZ23U53	-6.5	-8.5	-3.1	+6.3	+60	+100	+137	+116	+17	+3.4	+88	+15.3	+0.8	+0.3	+1.8	+1.2	+0.67	+16	+0.54	+0.72	+0.70	\$199	\$318	
9	ATZ22T81	+7.4	+3.5	-8.0	+1.3	+51	+94	+117	+103	+18	+2.8	+63	+5.4	+0.7	+0.8	+0.4	+1.5	-0.07	+25	+0.62	+0.62	+0.78	\$208	\$371	
10	ATZ22T77	+8.0	+8.8	-6.4	+1.7	+58	+101	+131	+83	+27	+2.3	+75	+4.5	-1.0	-2.3	+0.4	+2.9	-0.16	+34	+0.90	+1.06	+0.90	\$253	\$408	
11	ATZ22T02	+2.3	+0.5	+0.3	+3.4	+61	+107	+148	+91	+30	+3.3	+99	+10.3	-0.8	+0.4	+0.7	+0.7	+0.13	+27	+0.72	+0.78	+0.94	\$260	\$408	
12	ATZ22T50	+9.6	+7.9	-7.4	-2.0	+32	+66	+94	+63	+21	+3.1	+51	+4.3	+5.2	+7.8	-1.8	+6.4	+1.38	+31	+0.66	+0.78	+0.92	\$223	\$370	
13	ATZ22T101	+7.3	+7.5	-4.5	+2.3	+47	+89	+113	+64	+20	+2.9	+64	+10.8	+1.8	+2.2	+0.5	+2.6	+0.79	+17	+0.86	+1.08	+0.88	\$244	\$383	
14	ATZ22T79	+3.3	+3.7	-4.3	+4.3	+50	+87	+109	+80	+18	+4.8	+71	+7.9	+1.6	+0.9	+0.8	+2.5	+0.67	+14	+0.56	+0.80	+0.88	\$243	\$388	
15	ATZ23U12	+0.8	+7.5	-4.1	+3.0	+42	+90	+106	+59	+21	+3.8	+74	+14.7	+1.0	+0.5	+1.3	+2.8	+0.92	+24	+0.72	+1.00	+0.96	\$234	\$355	
16	ATZ23U13	-6.3	+6.3	-4.0	+6.4	+60	+109	+135	+86	+13	+3.4	+98	+11.4	-0.4	-0.6	+1.3	+1.7	+1.01	+21	+0.64	+0.80	+0.86	\$247	\$373	
17	ATZ23U51	+9.6	+4.9	-7.0	-1.5	+42	+80	+98	+56	+18	+1.4	+65	+7.7	-0.4	+0.3	+0.6	+3.1	+0.23	+19	+0.86	+1.00	+0.86	\$237	\$367	
18	ATZ23U23	+3.6	-0.5	-6.7	+3.2	+45	+84	+110	+79	+29	+4.7	+55	+7.6	+2.0	+1.4	-0.2	+3.8	+0.68	+12	+0.60	+0.94	+1.22	\$204	\$336	
19	ATZ23U32	+10.2	+4.8	-4.4	+1.5	+42	+77	+90	+38	+18	+1.2	+39	+5.2	+3.2	+2.9	-0.1	+3.1	+0.98	+14	+0.48	+0.58	+0.88	\$213	\$318	
20	ATZ23U14	+3.2	-0.1	-7.5	+3.3	+47	+83	+108	+80	+15	+3.1	+59	+10.6	+1.3	+1.0	+1.4	+0.3	+0.59	+23	+0.60	+0.82	+0.74	\$205	\$333	
21	ATZ23U43	+7.8	+8.3	-4.1	+3.8	+48	+85	+115	+69	+23	+3.2	+53	+6.5	+3.3	+2.6	-0.5	+3.4	+1.33	+17	+0.66	+0.86	+1.14	\$232	\$375	

Top 10%



SALE LOTS

1 THE ROCK QUINELLA U19^{PV} (HBR) (AI) ATZ23U19

Mating Type: AI DOB: 12/1/2023 Genetic conditions: AMFU, CAFU, DDFU, NHFU

CONNEALY IN SURE 8524[#]
G A R FAIL SAFE^{PV}
G A R PROGRESS 830[#]

PATHFINDER GENESIS G357^{PV}
PATHFINDER KOMLETE K22^{SV}
PATHFINDER EQUATOR H756[#]

SIRE: BWFQ33 MOOGENILLA QUINELLA Q33^{PV}
EF COMPLEMENT 8088^{PV}
MOOGENILLA N9^{SV}
MOOGENILLA L4[#]

DAM: ATZP28 THE ROCK BLACKBIRD P28^{PV}
AYRVALE GENERAL G18^{PV}
THE ROCK K4^{PV}
THE ROCK H26^{PV}

Selection Indexes	
\$A	\$A-L
\$230	\$372
21	31

TACE	Mid August 2024 TransTasman Angus Cattle Evaluation																					
	Dir	Dtrs	GL	BW	200W	400W	600W	MCW	Milk	SS	DtC	CWT	EMA	Rib	Rump	RBV	IMF	NFI-F	Doc	Claw	Ang	Leg
EBVs	+3.4	+2.3	-6.3	+4.8	+56	+102	+130	+93	+22	+4.2	-2.8	+83	+10.0	-1.7	-0.9	+1.0	+2.4	+0.46	+21	+0.56	+0.60	+0.84
Acc	69%	57%	83%	83%	84%	82%	83%	79%	75%	81%	45%	72%	72%	71%	73%	65%	76%	66%	79%	75%	75%	68%

Traits Observed: GL, BWT, 200WT, 400WT, SC, Scan(EMA, Rib, Rump, IMF), Structure(Claw Set x 1, Foot Angle x 1), Genomics

Notes: Strong carcass data and excellent structural EBVs. Heifer bull option.

Structural Scores								
FC	RC	FA	RA	RS	RH	LM	TP	SN
6	6	6	6	5	5	C+	2	4

Purchaser: \$

2 THE ROCK MOE U46^{PV} (HBR) (ET) ATZ23U46

Mating Type: ET DOB: 20/1/2023 Genetic conditions: AMFU, CAFU, DDFU, NHFU

TE MANIA CALAMUS C46^{SV}
TE MANIA FOE F734^{SV}
TE MANIA DANDLOO D700[#]

G A R SURE FIRE^{SV}
G A R PHOENIX^{PV}
G A R PROPHET N744[#]

SIRE: GTNM6 CHILTERN PARK MOE M6^{PV}
HIDDEN VALLEY TIMEOUT A45^{SV}
STRATHEWEN TIMEOUT JADE F15^{PV}
STRATHEWEN 1407 JADE C05^{PV}

DAM: ATZR61 THE ROCK BLACKBIRD R61^{PV}
PATHFINDER KOMLETE K22^{SV}
THE ROCK BLACKBIRD P42^{PV}
THE ROCK K4^{PV}

Selection Indexes	
\$A	\$A-L
\$254	\$404
7	12

TACE	Mid August 2024 TransTasman Angus Cattle Evaluation																					
	Dir	Dtrs	GL	BW	200W	400W	600W	MCW	Milk	SS	DtC	CWT	EMA	Rib	Rump	RBV	IMF	NFI-F	Doc	Claw	Ang	Leg
EBVs	+4.2	+7.3	-0.7	+3.2	+53	+101	+150	+82	+34	+4.7	-5.2	+96	+9.6	+0.4	+1.4	-0.1	+2.8	+0.63	+24	+0.72	+0.94	+1.06
Acc	71%	61%	83%	83%	84%	82%	82%	80%	77%	80%	47%	74%	73%	73%	74%	65%	77%	67%	78%	77%	78%	71%

Traits Observed: BWT, 200WT, 400WT, SC, Scan(EMA, Rib, Rump, IMF), Structure(Claw Set x 1, Foot Angle x 1), Genomics

Notes: Huge BW to 600D ratio. Excellent carcass data. Great heifer bull option.

Structural Scores								
FC	RC	FA	RA	RS	RH	LM	TP	SN
6	6	6	6	5	6	C+	1	4

Purchaser: \$

3 THE ROCK REMBRANDT U31^{PV} (HBR) (AI) ATZ23U31

Mating Type: AI DOB: 14/1/2023 Genetic conditions: AMFU, CAFU, DDFU, NHFU

EF COMMANDO 1366^{PV}
MILLAH MURRAH PARATROOPER P15^{PV}
MILLAH MURRAH ELA M9^{PV}

AYRVALE BARTEL E7^{PV}
THE ROCK BARTEL N20^{PV}
THE ROCK L41^{PV}

SIRE: NMMR48 MILLAH MURRAH REMBRANDT R48^{PV}
MILLAH MURRAH KINGDOM K35^{PV}
MILLAH MURRAH ABIGAIL N60^{PV}
MILLAH MURRAH ABIGAIL H150^{SV}

DAM: ATZ21S21 THE ROCK QUEANBEYAN S21^{PV}
TOPBOS LEADING EDGE L292^{PV}
THE ROCK QUEANBEYAN Q2^{PV}
MURRAY WAVE J43^{PV}

Selection Indexes	
\$A	\$A-L
\$234	\$388
17	20

TACE	Mid August 2024 TransTasman Angus Cattle Evaluation																					
	Dir	Dtrs	GL	BW	200W	400W	600W	MCW	Milk	SS	DtC	CWT	EMA	Rib	Rump	RBV	IMF	NFI-F	Doc	Claw	Ang	Leg
EBVs	+5.5	+10.5	-7.1	+4.1	+53	+93	+126	+100	+21	+1.0	-3.1	+87	+10.3	-0.7	-1.5	+1.4	+2.3	+0.49	+17	+0.50	+0.72	+1.00
Acc	65%	55%	83%	82%	83%	82%	82%	78%	74%	80%	41%	70%	70%	69%	70%	61%	74%	61%	78%	71%	70%	66%

Traits Observed: GL, BWT, 200WT, 400WT, SC, Scan(EMA, Rib, Rump, IMF), Structure(Claw Set x 1, Foot Angle x 1), Genomics

Notes: Excellent carcass data. Top 10% retail beef yield means more saleable meat. Heifer bull option.

Structural Scores								
FC	RC	FA	RA	RS	RH	LM	TP	SN
6	6	6	6	5	6	C+	1	4

Purchaser: \$

SALE LOTS

4 THE ROCK QUARTERBACK U48^{PV} (HBR) (ET) ATZ23U48

Mating Type: ET DOB: 24/1/2023 Genetic conditions: AMFU, CAFU, DDFU, NHFU

GAR MOMENTUM^{PV} HPCA INTENSITY[#]
 LAWSONS MOMENTOUS M518^{PV} RENNYLEA L508^{PV}
 LAWSONS AFRICA H229^{SV} RENNYLEA H414^{SV}
SIRE: CSWQ011 MURDEDUKE QUARTERBACK Q011^{PV} **DAM: BHRQ877 DUNOON PRINCESS Q877^{SV}**
 CARABAR DOCKLANDS D62^{PV} ARDROSSAN EQUATOR A241^{PV}
 MURDEDUKE BARUNAH N026^{PV} DUNOON PRINCESS L867[#]
 MURDEDUKE K304^{SV} DUNOON PRINCESS F943[#]

Selection Indexes	
\$A	\$A-L
\$218	\$359
32	41

TACE	Mid August 2024 TransTasman Angus Cattle Evaluation																					
	Dir	Dtrs	GL	BW	200W	400W	600W	MCW	Milk	SS	DtC	CWT	EMA	Rib	Rump	RBY	IMF	NFI-F	Doc	Claw	Ang	Leg
EBVs	-0.7	+0.6	-0.8	+4.3	+54	+99	+132	+108	+24	+3.4	-3.0	+73	+9.6	+0.6	+0.3	+0.9	+3.3	-0.06	+23	+0.50	+1.00	+1.02
Acc	69%	60%	83%	83%	84%	82%	82%	80%	76%	80%	48%	73%	72%	72%	73%	63%	76%	65%	79%	76%	76%	70%

Traits Observed: BWT, 200WT, 400WT, SC, Scan(EMA, Rib, Rump, IMF), Structure(Claw Set x 1, Foot Angle x 1), Genomics

Notes: Balanced data set. Positive fats. Suitable for cow joinings.

Structural Scores								
FC	RC	FA	RA	RS	RH	LM	TP	SN
6	6	6	6	5	6	C+	1	5

Purchaser: \$

5 THE ROCK COMPASS U17^{PV} (HBR) (ET) ATZ23U17

Mating Type: ET DOB: 12/1/2023 Genetic conditions: AMFU, CAFU, DDFU, NHFU

EF COMPLEMENT 8088^{SV} GARSURE FIRE^{SV}
 EF COMMANDO 1366^{PV} GARPHOENIX^{PV}
 RIVERBEND YOUNG LUCY W1470[#] GARPROPHET N744[#]
SIRE: USA18229488 BALDRIDGE COMPASS C041^{SV} **DAM: ATZR45 THE ROCK BLACKBIRD R45^{PV}**
 STYLES UPGRADE J59[#] PATHFINDER COMPLETE K22^{SV}
 BALDRIDGE ISABEL Y69[#] THE ROCK BLACKBIRD P42^{PV}
 BALDRIDGE ISABEL T935[#] THE ROCK K4^{PV}

Selection Indexes	
\$A	\$A-L
\$271	\$423
2	6

TACE	Mid August 2024 TransTasman Angus Cattle Evaluation																					
	Dir	Dtrs	GL	BW	200W	400W	600W	MCW	Milk	SS	DtC	CWT	EMA	Rib	Rump	RBY	IMF	NFI-F	Doc	Claw	Ang	Leg
EBVs	+8.2	+3.9	-4.4	+2.2	+61	+106	+138	+84	+29	+1.5	-4.5	+75	+9.0	+0.6	+0.3	+0.1	+3.3	+0.45	+21	+0.94	+0.86	+0.80
Acc	71%	62%	83%	83%	84%	82%	83%	80%	77%	81%	47%	73%	72%	72%	73%	65%	76%	66%	78%	78%	78%	69%

Traits Observed: BWT, 200WT, 400WT, SC, Scan(EMA, Rib, Rump, IMF), Structure(Claw Set x 1, Foot Angle x 1), Genomics

Notes: Great BW to 600D ratio. Balanced carcass data. Low BW and high calving ease. Excellent heifer bull option.

Structural Scores								
FC	RC	FA	RA	RS	RH	LM	TP	SN
7	6	6	6	5	5	C+	1	5

Purchaser: \$

6 THE ROCK QUARTERBACK U27^{PV} (HBR) (ET) ATZ23U27

Mating Type: ET DOB: 14/1/2023 Genetic conditions: AMFU, CAFU, DDFU, NHFU

GAR MOMENTUM^{PV} HPCA INTENSITY[#]
 LAWSONS MOMENTOUS M518^{PV} RENNYLEA L508^{PV}
 LAWSONS AFRICA H229^{SV} RENNYLEA H414^{SV}
SIRE: CSWQ011 MURDEDUKE QUARTERBACK Q011^{PV} **DAM: BHRQ877 DUNOON PRINCESS Q877^{SV}**
 CARABAR DOCKLANDS D62^{PV} ARDROSSAN EQUATOR A241^{PV}
 MURDEDUKE BARUNAH N026^{PV} DUNOON PRINCESS L867[#]
 MURDEDUKE K304^{SV} DUNOON PRINCESS F943[#]

Selection Indexes	
\$A	\$A-L
\$233	\$369
18	33

TACE	Mid August 2024 TransTasman Angus Cattle Evaluation																					
	Dir	Dtrs	GL	BW	200W	400W	600W	MCW	Milk	SS	DtC	CWT	EMA	Rib	Rump	RBY	IMF	NFI-F	Doc	Claw	Ang	Leg
EBVs	+3.8	+2.2	-5.0	+3.8	+51	+90	+110	+81	+25	+2.6	-5.1	+59	+4.3	+0.6	+1.9	+0.2	+3.7	+0.34	+24	+0.70	+0.82	+1.00
Acc	69%	60%	83%	82%	84%	82%	82%	80%	76%	80%	48%	73%	72%	72%	73%	63%	76%	65%	79%	76%	76%	71%

Traits Observed: BWT, 200WT, 400WT, SC, Scan(EMA, Rib, Rump, IMF), Structure(Claw Set x 1, Foot Angle x 1), Genomics

Notes: Top 20% IMF and positive fats. Heifer bull option.

Structural Scores								
FC	RC	FA	RA	RS	RH	LM	TP	SN
6	6	6	6	5	5	C+	1	3

Purchaser: \$

Top 10%

SALE LOTS

7 THE ROCK PHOENIX U49^{PV} (HBR) (Natural) ATZ23U49

Mating Type: Natural DOB: 28/1/2023

Genetic conditions: AMFU, CAFU, DDFU, NHFU

G A R SURE FIRE^{SV}
G A R PHOENIX^{PV}
G A R PROPHET N744[#]

SIRE: ATZR38 THE ROCK PHOENIX R38^{PV}
PATHFINDER COMPLETE K22^{SV}
THE ROCK BLACKBIRD P42^{PV}
THE ROCK K4^{PV}

TE MANIA JASHAWN J618^{PV}
RENNYLEA M471^{SV}
RENNYLEA J452[#]

DAM: ATZQ69 THE ROCK PAGENT Q69^{PV}
PRIME JUGGERNAUT J15^{SV}
THE ROCK M23^{PV}
ST PAULS MIF PAGENT D129^{SV}

Selection Indexes	
\$A	\$A-L
\$185	\$322
69	70

TACE	Mid August 2024 TransTasman Angus Cattle Evaluation																					
	Dir	Dtrs	GL	BW	200W	400W	600W	MCW	Milk	SS	DtC	CWT	EMA	Rib	Rump	RBV	IMF	NFI-F	Doc	Claw	Ang	Leg
EBVs	+8.1	+3.5	-8.4	+0.1	+46	+83	+105	+82	+12	+0.5	-3.2	+61	+4.1	+2.1	+3.3	-0.9	+3.0	+0.11	+13	+0.86	+1.00	+0.82
Acc	63%	53%	81%	81%	82%	80%	81%	77%	73%	78%	39%	69%	68%	68%	69%	60%	73%	61%	75%	72%	72%	63%

Traits Observed: BWT, 200WT, 400WT, SC, Scan(EMA, Rib, Rump, IMF), Structure(Claw Set x 1, Foot Angle x 1), Genomics

Notes: Very low birth weight and high calving ease make for a very safe heifer bull option.

Structural Scores								
FC	RC	FA	RA	RS	RH	LM	TP	SN
6	6	6	6	5	6	C+	2	4

Purchaser:..... \$.....

8 THE ROCK PHOENIX U53^{PV} (HBR) (Natural) ATZ23U53

Mating Type: Natural DOB: 12/2/2023

Genetic conditions: AMFU, CAFU, DDFU, NHFU

G A R SURE FIRE^{SV}
G A R PHOENIX^{PV}
G A R PROPHET N744[#]

SIRE: ATZR44 THE ROCK PHOENIX R44^{PV}
PATHFINDER COMPLETE K22^{SV}
THE ROCK BLACKBIRD P28^{PV}
THE ROCK K4^{PV}

AYRVALE BARTEL E7^{PV}
THE ROCK BARTEL N20^{PV}
THE ROCK L41^{PV}

DAM: ATZR25 THE ROCK BLACKBIRD R25^{PV}
PATHFINDER GENESIS G357^{PV}
THE ROCK BLACKBIRD P6^{PV}
THE ROCK K3^{SV}

Selection Indexes	
\$A	\$A-L
\$199	\$318
54	72

TACE	Mid August 2024 TransTasman Angus Cattle Evaluation																					
	Dir	Dtrs	GL	BW	200W	400W	600W	MCW	Milk	SS	DtC	CWT	EMA	Rib	Rump	RBV	IMF	NFI-F	Doc	Claw	Ang	Leg
EBVs	-6.5	-8.5	-3.1	+6.3	+60	+100	+137	+116	+17	+3.4	-1.8	+88	+15.3	+0.8	+0.3	+1.8	+1.2	+0.67	+16	+0.54	+0.72	+0.70
Acc	64%	55%	82%	82%	83%	81%	81%	78%	74%	79%	41%	70%	69%	69%	70%	60%	74%	62%	75%	72%	72%	63%

Traits Observed: BWT, 200WT, 400WT, SC, Scan(EMA, Rib, Rump, IMF), Structure(Claw Set x 1, Foot Angle x 1), Genomics

Notes: Top 1% EMA and top 5% retail beef yield with positive fats. Suitable for cow joinings.

Structural Scores								
FC	RC	FA	RA	RS	RH	LM	TP	SN
6	6	6	7	5	5	C+	1	4

Purchaser:..... \$.....

9 THE ROCK PHOENIX T81^{PV} (HBR) (Natural) ATZ22T81

Mating Type: Natural DOB: 4/8/2022

Genetic conditions: AMFU, CAFU, DDFU, NHFU

G A R SURE FIRE^{SV}
G A R PHOENIX^{PV}
G A R PROPHET N744[#]

SIRE: ATZR38 THE ROCK PHOENIX R38^{PV}
PATHFINDER COMPLETE K22^{SV}
THE ROCK BLACKBIRD P42^{PV}
THE ROCK K4^{PV}

EF COMPLEMENT 8088^{PV}
MILLWILLAH COMPLEMENT L69^{PV}
ANVIL LOWANG G335^{PV}

DAM: ATZP64 THE ROCK BURNETTE P64^{PV}
AYRVALE BARTEL E7^{PV}
THE ROCK M5^{PV}
OLD KENTUCKY BURNETTE J03^{SV}

Selection Indexes	
\$A	\$A-L
\$208	\$371
44	32

TACE	Mid August 2024 TransTasman Angus Cattle Evaluation																					
	Dir	Dtrs	GL	BW	200W	400W	600W	MCW	Milk	SS	DtC	CWT	EMA	Rib	Rump	RBV	IMF	NFI-F	Doc	Claw	Ang	Leg
EBVs	+7.4	+3.5	-8.0	+1.3	+51	+94	+117	+103	+18	+2.8	-5.3	+63	+5.4	+0.7	+0.8	+0.4	+1.5	-0.07	+25	+0.62	+0.62	+0.78
Acc	65%	55%	81%	81%	82%	80%	81%	77%	74%	78%	41%	69%	69%	69%	70%	60%	74%	62%	75%	73%	73%	68%

Traits Observed: BWT, 200WT, 400WT, SC, Scan(EMA, Rib, Rump, IMF), Structure(Claw Set x 1, Foot Angle x 1), Genomics

Notes: Top 10% BW and calving ease. Positive fats. Excellent structural EBVs. Heifer bull option.

Structural Scores								
FC	RC	FA	RA	RS	RH	LM	TP	SN
6	5	6	5	5	5	C+	2	4

Purchaser:..... \$.....

SALE LOTS

10 THE ROCK PHOENIX T77^{PV} (HBR) (Natural) ATZ22T77

Mating Type: Natural DOB: 1/8/2022

Genetic conditions: AMFU, CAFU, DDFU, NHFU

GAR SURE FIRE^{SV}

TE MANIA FOE F734^{SV}

GAR PHOENIX^{PV}

GRANITE RIDGE KAISER K26^{SV}

GAR PROPHET N744[#]

GRANITE RIDGE SUPREME F158^{SV}

SIRE: ATZR38 THE ROCK PHOENIX R38^{PV}

DAM: ATZN28 THE ROCK BLACKBIRD N28^{PV}

PATHFINDER COMPLETE K22^{SV}

TE MANIA EMPEROR E343^{PV}

THE ROCK BLACKBIRD P42^{PV}

THE ROCK K15^{PV}

THE ROCK K4^{PV}

THE ROCK F6^{PV}

Selection Indexes	
\$A	\$A-L
\$253	\$408
7	10

TACE	Mid August 2024 TransTasman Angus Cattle Evaluation																					
	Dir	Dtrs	GL	BW	200W	400W	600W	MCW	Milk	SS	DtC	CWT	EMA	Rib	Rump	RBY	IMF	NFI-F	Doc	Claw	Ang	Leg
EBVs	+8.0	+8.8	-6.4	+1.7	+58	+101	+131	+83	+27	+2.3	-4.8	+75	+4.5	-1.0	-2.3	+0.4	+2.9	-0.16	+34	+0.90	+1.06	+0.90
Acc	63%	54%	82%	81%	82%	80%	81%	77%	74%	78%	41%	69%	69%	69%	70%	61%	73%	61%	75%	73%	74%	69%

Traits Observed: BWT, 200WT, 400WT, SC, Scan(EMA, Rib, Rump, IMF), Structure(Claw Set x 1, Foot Angle x 1), Genomics

Notes: Top 25% 200, 400, 600D growth from a low birth weight, high calving ease bull. Heifer bull option.

Structural Scores								
FC	RC	FA	RA	RS	RH	LM	TP	SN
7	6	6	6	5	5	C+	1	4

Purchaser: \$

11 THE ROCK MOE T102^{PV} (HBR) (ET) ATZ22T102

Mating Type: ET DOB: 6/8/2022

Genetic conditions: AMFU, CAFU, DDFU, NHFU

TE MANIA CALAMUS C46^{SV}

GAR SURE FIRE^{SV}

TE MANIA FOE F734^{SV}

GAR PHOENIX^{PV}

TE MANIA DANDLOO D700[#]

GAR PROPHET N744[#]

SIRE: GTNM6 CHILTERN PARK MOE M6^{PV}

DAM: ATZR61 THE ROCK BLACKBIRD R61^{PV}

HIDDEN VALLEY TIMEOUT A45^{SV}

PATHFINDER COMPLETE K22^{SV}

STRATHEWEN TIMEOUT JADE F15^{PV}

THE ROCK BLACKBIRD P42^{PV}

STRATHEWEN 1407 JADE C05^{PV}

THE ROCK K4^{PV}

Selection Indexes	
\$A	\$A-L
\$260	\$408
5	10

TACE	Mid August 2024 TransTasman Angus Cattle Evaluation																					
	Dir	Dtrs	GL	BW	200W	400W	600W	MCW	Milk	SS	DtC	CWT	EMA	Rib	Rump	RBY	IMF	NFI-F	Doc	Claw	Ang	Leg
EBVs	+2.3	+0.5	+0.3	+3.4	+61	+107	+148	+91	+30	+3.3	-6.1	+99	+10.3	-0.8	+0.4	+0.7	+0.7	+0.13	+27	+0.72	+0.78	+0.94
Acc	71%	61%	83%	83%	84%	82%	83%	80%	77%	81%	47%	74%	73%	72%	74%	65%	77%	67%	79%	73%	76%	71%

Traits Observed: BWT, 400WT, SC, Scan(EMA, Rib, Rump, IMF), Structure(Claw Set x 1, Foot Angle x 1), Genomics

Notes: Strong carcass data and top 10% 600D growth.

Structural Scores								
FC	RC	FA	RA	RS	RH	LM	TP	SN
7	6	6	6	5	5	C+	2	4

Purchaser: \$

12 THE ROCK PICASSO T50^{PV} (HBR) (AI) ATZ22T50

Mating Type: AI DOB: 13/7/2022

Genetic conditions: AMFU, CAFU, DDFU, NHFU

TUWHARETOA REGENT D145^{PV}

PAPA EQUATOR 2928[#]

PARINGA JUDD J5^{PV}

ARDROSSAN EQUATOR A241^{PV}

STRATHEWEN BERKLEY WILPENA F30^{PV}

ARDROSSAN PRINCESS W38^{PV}

SIRE: GTNP9 CHILTERN PARK PICASSO P9^{PV}

DAM: ATZQ11 THE ROCK BARUNAH Q11^{PV}

AYRVALE BARTEL E7^{PV}

RENNYLEA EDMUND E11^{PV}

CHILTERN PARK K26^{PV}

WATTLETOP BARUNAH K206^{PV}

STRATHEWEN TIMEOUT JADE F15^{PV}

WATTLETOP BARUNAH E89^{PV}

Selection Indexes	
\$A	\$A-L
\$223	\$370
27	33

TACE	Mid August 2024 TransTasman Angus Cattle Evaluation																					
	Dir	Dtrs	GL	BW	200W	400W	600W	MCW	Milk	SS	DtC	CWT	EMA	Rib	Rump	RBY	IMF	NFI-F	Doc	Claw	Ang	Leg
EBVs	+9.6	+7.9	-7.4	-2.0	+32	+66	+94	+63	+21	+3.1	-8.1	+51	+4.3	+5.2	+7.8	-1.8	+6.4	+1.38	+31	+0.66	+0.78	+0.92
Acc	68%	60%	83%	82%	83%	82%	82%	79%	75%	80%	49%	73%	73%	72%	73%	64%	77%	66%	78%	75%	75%	72%

Traits Observed: GL, BWT, 200WT, 400WT, SC, Scan(EMA, Rump, IMF), Structure(Claw Set x 1, Foot Angle x 1), Genomics

Notes: Ultra low BW and high calving ease. Top 1% IMF and fats. Very safe heifer bull option.

Structural Scores								
FC	RC	FA	RA	RS	RH	LM	TP	SN
5	6	5	7	5	5	C+	1	4

Purchaser: \$

Top 10%

SALE LOTS

13 THE ROCK QUINELLA T101^{PV} (HBR) (ET) ATZ22T101

Mating Type: ET DOB: 26/7/2022

Genetic conditions: AMFU, CAFU, DDFU, NHFU

CONNEALY IN SURE 8524[#]
 G A R FAIL SAFE^{PV}
 G A R PROGRESS 830[#]
SIRE: BWFQ33 MOOGENILLA QUINELLA Q33^{PV}
 EF COMPLEMENT 8088^{PV}
 MOOGENILLA N9^{SV}
 MOOGENILLA L4[#]

G A R SURE FIRE^{SV}
 G A R PHOENIX^{PV}
 G A R PROPHET N744[#]
DAM: ATZR57 THE ROCK BLACKBIRD R57^{PV}
 PATHFINDER COMPLETE K22^{SV}
 THE ROCK BLACKBIRD P42^{PV}
 THE ROCK K4^{PV}

Selection Indexes	
\$A	\$A-L
\$244	\$383
11	23

TACE	Mid August 2024 TransTasman Angus Cattle Evaluation																					
	Dir	Dtrs	GL	BW	200W	400W	600W	MCW	Milk	SS	DtC	CWT	EMA	Rib	Rump	RBV	IMF	NFI-F	Doc	Claw	Ang	Leg
EBVs	+7.3	+7.5	-4.5	+2.3	+47	+89	+113	+64	+20	+2.9	-4.2	+64	+10.8	+1.8	+2.2	+0.5	+2.6	+0.79	+17	+0.86	+1.08	+0.88
Acc	68%	57%	83%	83%	84%	82%	83%	79%	75%	81%	43%	71%	71%	72%	63%	75%	64%	79%	72%	75%	69%	

Traits Observed: BWT, 400WT, SC, Scan(EMA, Rib, Rump, IMF), Structure(Claw Set x 1, Foot Angle x 1), Genomics

Notes: Strong carcass data with positive fats. Heifer bull option.

Structural Scores								
FC	RC	FA	RA	RS	RH	LM	TP	SN
7	6	6	6	5	5	C+	1	4

Purchaser: \$

14 THE ROCK PHOENIX T79^{PV} (HBR) (Natural) ATZ22T79

Mating Type: Natural DOB: 3/8/2022

Genetic conditions: AMFU, CAFU, DDFU, NHFU

G A R SURE FIRE^{SV}
 G A R PHOENIX^{PV}
 G A R PROPHET N744[#]
SIRE: ATZR44 THE ROCK PHOENIX R44^{PV}
 PATHFINDER COMPLETE K22^{SV}
 THE ROCK BLACKBIRD P28^{PV}
 THE ROCK K4^{PV}

REILAND HILARY H874^{PV}
 REILAND MOSMAN M1035^{SV}
 COOLANA ELDORENE ERICA G110^{SV}
DAM: ATZQ12 THE ROCK SATURN Q12^{PV}
 CHERYLTON STEWIE D19^{PV}
 THE ROCK L31^{PV}
 KENNY'S CREEK SATURN F603^{SV}

Selection Indexes	
\$A	\$A-L
\$243	\$388
12	20

TACE	Mid August 2024 TransTasman Angus Cattle Evaluation																					
	Dir	Dtrs	GL	BW	200W	400W	600W	MCW	Milk	SS	DtC	CWT	EMA	Rib	Rump	RBV	IMF	NFI-F	Doc	Claw	Ang	Leg
EBVs	+3.3	+3.7	-4.3	+4.3	+50	+87	+109	+80	+18	+4.8	-7.1	+71	+7.9	+1.6	+0.9	+0.8	+2.5	+0.67	+14	+0.56	+0.80	+0.88
Acc	64%	54%	82%	81%	82%	80%	81%	77%	74%	78%	41%	69%	69%	69%	70%	60%	74%	61%	74%	71%	71%	66%

Traits Observed: BWT, 200WT, 400WT, SC, Scan(EMA, Rib, Rump, IMF), Structure(Claw Set x 1, Foot Angle x 1), Genomics

Notes: Balanced carcass data with positive fats. Heifer bull option.

Structural Scores								
FC	RC	FA	RA	RS	RH	LM	TP	SN
6	7	6	7	5	5	C+	1	5

Purchaser: \$

15 THE ROCK QUINELLA U12^{PV} (HBR) (AI) ATZ23U12

Mating Type: AI DOB: 11/1/2023

Genetic conditions: AMFU, CAFU, DDFU, NHFU

CONNEALY IN SURE 8524[#]
 G A R FAIL SAFE^{PV}
 G A R PROGRESS 830[#]
SIRE: BWFQ33 MOOGENILLA QUINELLA Q33^{PV}
 EF COMPLEMENT 8088^{PV}
 MOOGENILLA N9^{SV}
 MOOGENILLA L4[#]

PAPA EQUATOR 2928[#]
 ARDROSSAN EQUATOR A241^{PV}
 ARDROSSAN PRINCESS W38^{PV}
DAM: ATZR7 THE ROCK BLACKBIRD R7^{PV}
 PATHFINDER GENESIS G357^{PV}
 THE ROCK BLACKBIRD N46^{PV}
 THE ROCK K3^{SV}

Selection Indexes	
\$A	\$A-L
\$234	\$355
17	45

TACE	Mid August 2024 TransTasman Angus Cattle Evaluation																					
	Dir	Dtrs	GL	BW	200W	400W	600W	MCW	Milk	SS	DtC	CWT	EMA	Rib	Rump	RBV	IMF	NFI-F	Doc	Claw	Ang	Leg
EBVs	+0.8	+7.5	-4.1	+3.0	+42	+90	+106	+59	+21	+3.8	-3.7	+74	+14.7	+1.0	+0.5	+1.3	+2.8	+0.92	+24	+0.72	+1.00	+0.96
Acc	68%	58%	83%	82%	84%	82%	82%	78%	74%	80%	46%	71%	71%	71%	72%	63%	75%	65%	78%	72%	72%	69%

Traits Observed: BWT, 200WT, 400WT, SC, Scan(EMA, Rib, Rump, IMF), Genomics

Notes: Top 2% EMA and top 10% retail beef yield with positive fats. Heifer bull option.

Structural Scores								
FC	RC	FA	RA	RS	RH	LM	TP	SN
6	6	6	7	5	5	C+	1	4

Purchaser: \$

SALE LOTS

16 THE ROCK QUINELLA U13^{PV} (HBR) (AI) ATZ23U13

Mating Type: AI DOB: 11/1/2023 Genetic conditions: AMFU, CAFU, DDFU, NHFU

CONNEALY IN SURE 8524[#]
G A R FAIL SAFE^{PV}

PAPA EQUATOR 2928[#]
ARDROSSAN EQUATOR A241^{PV}

G A R PROGRESS 830[#]
SIRE: BWFQ33 MOOGENILLA QUINELLA Q33^{PV}

ARDROSSAN PRINCESS W38^{PV}
DAM: ATZR7 THE ROCK BLACKBIRD R7^{PV}

EF COMPLEMENT 8088^{PV}
MOOGENILLA N9^{SV}
MOOGENILLA L4[#]

PATHFINDER GENESIS G357^{PV}
THE ROCK BLACKBIRD N46^{PV}
THE ROCK K3^{SV}

Selection Indexes	
\$A	\$A-L
\$247	\$373
9	31

TACE	Mid August 2024 TransTasman Angus Cattle Evaluation																					
	Dir	Dtrs	GL	BW	200W	400W	600W	MCW	Milk	SS	DtC	CWT	EMA	Rib	Rump	RBV	IMF	NFI-F	Doc	Claw	Ang	Leg
EBVs	-6.3	+6.3	-4.0	+6.4	+6.0	+109	+135	+86	+13	+3.4	-4.2	+98	+11.4	-0.4	-0.6	+1.3	+1.7	+1.01	+21	+0.64	+0.80	+0.86
Acc	68%	58%	83%	83%	84%	82%	83%	79%	75%	81%	47%	72%	72%	71%	72%	64%	76%	65%	79%	71%	71%	68%

Traits Observed: BWT, 200WT, 400WT, SC, Scan(EMA, Rib, Rump, IMF), Genomics

Notes: Top 10% EMA retail beef yield with top 2% carcass. Top 20% 200, 400, 600D. Suitable for cow joinings.

Structural Scores								
FC	RC	FA	RA	RS	RH	LM	TP	SN
7	6	6	6	5	5	C+	2	4

Purchaser: \$

17 THE ROCK PHOENIX U51^{PV} (HBR) (Natural) ATZ23U51

Mating Type: Natural DOB: 6/2/2023 Genetic conditions: AMFU, CAFU, DDFU, NH2%

G A R SURE FIRE^{SV}
G A R PHOENIX^{PV}

CONNEALY CONSENSUS 7229^{SV}
CONNEALY COMRADE 1385[#]

G A R PROPHET N744[#]
SIRE: ATZR38 THE ROCK PHOENIX R38^{PV}

HAPPY GEE OF CONANGA 919[#]
DAM: NBNL228 BEN NEVIS JEAN L228^{SV}

PATHFINDER COMPLETE K22^{SV}
THE ROCK BLACKBIRD P42^{PV}
THE ROCK K4^{PV}

RAFF EMPIRE E269^{PV}
BEN NEVIS JEAN H103^{SV}
BEN NEVIS JEAN B16[#]

Selection Indexes	
\$A	\$A-L
\$237	\$367
16	35

TACE	Mid August 2024 TransTasman Angus Cattle Evaluation																					
	Dir	Dtrs	GL	BW	200W	400W	600W	MCW	Milk	SS	DtC	CWT	EMA	Rib	Rump	RBV	IMF	NFI-F	Doc	Claw	Ang	Leg
EBVs	+9.6	+4.9	-7.0	-1.5	+42	+80	+98	+56	+18	+1.4	-6.0	+65	+7.7	-0.4	+0.3	+0.6	+3.1	+0.23	+19	+0.86	+1.00	+0.86
Acc	65%	55%	82%	82%	83%	81%	81%	78%	74%	79%	41%	70%	70%	69%	70%	62%	74%	61%	75%	73%	74%	67%

Traits Observed: BWT, 200WT, 400WT, SC, Scan(EMA, Rib, Rump, IMF), Structure(Claw Set x 1, Foot Angle x 1), Genomics

Notes: Ultra low BW and high calving ease make for a very safe heifer bull option.

Structural Scores								
FC	RC	FA	RA	RS	RH	LM	TP	SN
6	6	6	7	5	5	C	1	5

Purchaser: \$

18 THE ROCK QUARTERBACK U23^{PV} (HBR) (ET) ATZ23U23

Mating Type: ET DOB: 13/1/2023 Genetic conditions: AMFU, CAFU, DDFU, NHFU

G A R MOMENTUM^{PV}
LAWSONS MOMENTOUS M518^{PV}

H P C A INTENSITY[#]
RENNYLEA L508^{PV}

LAWSONS AFRICA H229^{SV}
SIRE: CSWQ011 MURDEDUKE QUARTERBACK Q011^{PV}

RENNYLEA H414^{SV}
DAM: BHRQ877 DUNOON PRINCESS Q877^{SV}

CARABAR DOCKLANDS D62^{PV}
MURDEDUKE BARUNAH N026^{PV}
MURDEDUKE K304^{SV}

ARDROSSAN EQUATOR A241^{PV}
DUNOON PRINCESS L867[#]
DUNOON PRINCESS F943[#]

Selection Indexes	
\$A	\$A-L
\$204	\$336
48	61

TACE	Mid August 2024 TransTasman Angus Cattle Evaluation																					
	Dir	Dtrs	GL	BW	200W	400W	600W	MCW	Milk	SS	DtC	CWT	EMA	Rib	Rump	RBV	IMF	NFI-F	Doc	Claw	Ang	Leg
EBVs	+3.6	-0.5	-6.7	+3.2	+45	+84	+110	+79	+29	+4.7	-5.2	+55	+7.6	+2.0	+1.4	-0.2	+3.8	+0.68	+12	+0.60	+0.94	+1.22
Acc	70%	61%	83%	83%	84%	82%	83%	80%	77%	81%	49%	74%	73%	74%	64%	77%	66%	79%	75%	75%	69%	

Traits Observed: BWT, 200WT, 400WT, SC, Scan(EMA, Rib, Rump, IMF), Structure(Claw Set x 1, Foot Angle x 1), Genomics

Notes: Balanced data set with positive fats and top 20% IMF. Heifer bull option.

Structural Scores								
FC	RC	FA	RA	RS	RH	LM	TP	SN
6	6	6	6	5	6	C+	1	5

Purchaser: \$

Top 10%

SALE LOTS

19 THE ROCK REMBRANDT U32^{PV} (HBR) (ET) ATZ23U32

Mating Type: ET DOB: 15/1/2023 Genetic conditions: AMFU, CAFU, DDFU, NHFU

EF COMMANDO 1366 ^{PV}	EF COMMANDO 1366 ^{PV}
MILLAH MURRAH PARATROOPER P15 ^{PV}	BALDRIDGE COMPASS C041 ^{SV}
MILLAH MURRAH ELA M9 ^{PV}	BALDRIDGE ISABEL Y69 [#]
SIRE: NMMR48 MILLAH MURRAH REMBRANDT R48^{PV}	DAM: ATZ21S11 THE ROCK QUEANBEYAN S11^{PV}
MILLAH MURRAH KINGDOM K35 ^{PV}	TOPBOS LEADING EDGE L292 ^{PV}
MILLAH MURRAH ABIGAIL N60 ^{PV}	THE ROCK QUEANBEYAN Q2 ^{PV}
MILLAH MURRAH ABIGAIL H150 ^{SV}	MURRAY WAVE J43 ^{PV}

Selection Indexes	
\$A	\$A-L
\$213	\$318
38	73

TACE	Mid August 2024 TransTasman Angus Cattle Evaluation																					
	Dir	Dtrs	GL	BW	200W	400W	600W	MCW	Milk	SS	DtC	CWT	EMA	Rib	Rump	RBY	IMF	NFI-F	Doc	Claw	Ang	Leg
EBVs	+10.2	+4.8	-4.4	+1.5	+42	+77	+90	+38	+18	+1.2	-3.2	+39	+5.2	+3.2	+2.9	-0.1	+3.1	+0.98	+14	+0.48	+0.58	+0.88
Acc	65%	55%	83%	82%	83%	81%	82%	78%	74%	80%	41%	69%	70%	69%	70%	61%	74%	61%	78%	73%	73%	65%

Traits Observed: BWT, 200WT, 400WT, SC, Scan(EMA, Rib, Rump, IMF), Structure(Claw Set x 1, Foot Angle x 1), Genomics

Notes: Low BW and top 1% calving ease. Positive fats. Very safe heifer bull option.

Structural Scores								
FC	RC	FA	RA	RS	RH	LM	TP	SN
6	6	5	5	5	5	C+	1	4

Purchaser: \$

20 THE ROCK REMBRANDT U14^{PV} (HBR) (ET) ATZ23U14

Mating Type: ET DOB: 11/1/2023 Genetic conditions: AMFU, CAFU, DDFU, NHFU

EF COMMANDO 1366 ^{PV}	GAR SURE FIRE ^{SV}
MILLAH MURRAH PARATROOPER P15 ^{PV}	GAR PHOENIX ^{PV}
MILLAH MURRAH ELA M9 ^{PV}	GAR PROPHET N744 [#]
SIRE: NMMR48 MILLAH MURRAH REMBRANDT R48^{PV}	DAM: ATZR51 THE ROCK BLACKBIRD R51^{PV}
MILLAH MURRAH KINGDOM K35 ^{PV}	PATHFINDER COMPLETE K22 ^{SV}
MILLAH MURRAH ABIGAIL N60 ^{PV}	THE ROCK BLACKBIRD P42 ^{PV}
MILLAH MURRAH ABIGAIL H150 ^{SV}	THE ROCK K4 ^{PV}

Selection Indexes	
\$A	\$A-L
\$205	\$333
47	62

TACE	Mid August 2024 TransTasman Angus Cattle Evaluation																					
	Dir	Dtrs	GL	BW	200W	400W	600W	MCW	Milk	SS	DtC	CWT	EMA	Rib	Rump	RBY	IMF	NFI-F	Doc	Claw	Ang	Leg
EBVs	+3.2	-0.1	-7.5	+3.3	+47	+83	+108	+80	+15	+3.1	-4.6	+59	+10.6	+1.3	+1.0	+1.4	+0.3	+0.59	+23	+0.60	+0.82	+0.74
Acc	65%	55%	83%	83%	83%	82%	82%	78%	74%	80%	41%	70%	70%	69%	70%	62%	74%	61%	78%	76%	75%	67%

Traits Observed: BWT, 200WT, 400WT, SC, Scan(EMA, Rib, Rump, IMF), Structure(Claw Set x 1, Foot Angle x 1), Genomics

Notes: Top 10% retail beef yield and positive fats. Heifer bull option.

Structural Scores								
FC	RC	FA	RA	RS	RH	LM	TP	SN
7	6	6	6	5	5	C+	2	4

Purchaser: \$

21 THE ROCK REMBRANDT U43^{PV} (HBR) (ET) ATZ23U43

Mating Type: ET DOB: 19/1/2023 Genetic conditions: AMFU, CAFU, DDFU, NHFU

EF COMMANDO 1366 ^{PV}	EF COMMANDO 1366 ^{PV}
MILLAH MURRAH PARATROOPER P15 ^{PV}	BALDRIDGE COMPASS C041 ^{SV}
MILLAH MURRAH ELA M9 ^{PV}	BALDRIDGE ISABEL Y69 [#]
SIRE: NMMR48 MILLAH MURRAH REMBRANDT R48^{PV}	DAM: ATZ21S11 THE ROCK QUEANBEYAN S11^{PV}
MILLAH MURRAH KINGDOM K35 ^{PV}	TOPBOS LEADING EDGE L292 ^{PV}
MILLAH MURRAH ABIGAIL N60 ^{PV}	THE ROCK QUEANBEYAN Q2 ^{PV}
MILLAH MURRAH ABIGAIL H150 ^{SV}	MURRAY WAVE J43 ^{PV}

Selection Indexes	
\$A	\$A-L
\$232	\$375
19	29

TACE	Mid August 2024 TransTasman Angus Cattle Evaluation																					
	Dir	Dtrs	GL	BW	200W	400W	600W	MCW	Milk	SS	DtC	CWT	EMA	Rib	Rump	RBY	IMF	NFI-F	Doc	Claw	Ang	Leg
EBVs	+7.8	+8.3	-4.1	+3.8	+48	+85	+115	+69	+23	+3.2	-5.2	+53	+6.5	+3.3	+2.6	-0.5	+3.4	+1.33	+17	+0.66	+0.86	+1.14
Acc	65%	56%	83%	82%	83%	82%	82%	78%	74%	80%	41%	70%	70%	69%	70%	62%	74%	62%	78%	73%	72%	64%

Traits Observed: BWT, 200WT, 400WT, SC, Scan(EMA, Rib, Rump, IMF), Structure(Claw Set x 1, Foot Angle x 1), Genomics

Notes: Balanced carcass data with positive fats. Heifer bull option.

Structural Scores								
FC	RC	FA	RA	RS	RH	LM	TP	SN
7	6	6	6	5	6	C	2	4

Purchaser: \$

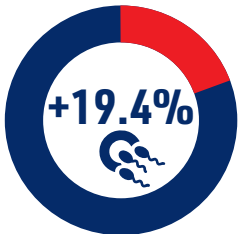


**HIGHER
FIRST CYCLE
CONCEPTION
RATES**

**MORE
CALVES**

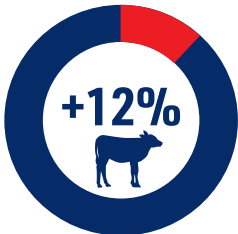
MULTIMIN®

WHEN IT MATTERS



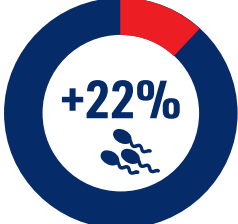
IMPROVED FIRST CYCLE CONCEPTION RATE

Multimin Evolution has been shown to improve the first cycle conception rate by **UP TO 19.4%**.¹⁻³ Conception in the first cycle can lead to an additional 20 to 40 days for calves to grow.



IMPROVED PREGNANCY RATES

Pregnancy rates in breeding females treated with Multimin Evolution are up to **12% HIGHER** than untreated females, depending on the length of the breeding season and breeding method.^{1,2,4-6}



IMPROVED SPERM QUALITY

Bulls treated with Multimin Evolution 90 days before joining had **22% HIGHER** sperm concentration and significantly more motile sperm than control animals.⁷⁻¹⁰

References 1. Murdoch, L. et al. (2012). Effects of prepartum and postpartum bolus injections of trace minerals on performance of beef cows and calves grazing native range. Prof. Anim. Sci., 28:82. 88. 2. Virbac (2015) Trial protocol 578/15. 3. Virbac (2018) Trial protocol 594/18. 4. Siles, J. et al. (2011). Effect of injectable copper, selenium, zinc and manganese on the pregnancy rate of crossbred heifers (Bos indicus x Bos taurus) synchronised for timed embryo transfer. Livest. Sci., 142:59-62. 5. Hawkins D. (2007). The effect of injectable trace elements (Multimin®) on health and reproduction parameters in NZ dairy herds. NZ Dairy Cattle Veterinarians Newsletter 24(3):12-16. 6. Mitchell, K. et al. (2008). Injectable trace elements increase reproduction efficiency in dairy cows. In Trace Elements in Animal Production Systems, 296-299. 7. Daniel et al. (2016). Proceedings of the 20th World Business Congress, Dublin, Ireland, 3-8 July 2016. 8. Hill S.L. et al. (2016). Breeding soundness of weaned bull calves treated with bolus injections of trace minerals. Proceedings of the Society for Theriogenology Annual Conference, San Antonio, TX, USA. Aug. 5-9, 2016. 9. Preedy, G. W. et al. (2018). Injectable trace-mineral supplementation improves sperm motility and morphology of young beef bulls. Prof. Anim. Sci., 34(1), 1-9. 10. Sullivan, L.T. et al. (2018). Evaluation of essential oil and injectable trace mineral on bull growth performance and fertility. Transl. Anim. Sci., Volume 2, Issue suppl., 1, 5189-5192. The benefits outlined in the above scientific studies may not necessarily be registered label claims. *The Multimin® formulation in this study contained lower levels of minerals compared to Multimin® Evolution. Multimin® is a registered trademark of Virbac.

Shaping the future
of animal health



REFERENCE SIRES

RS	BALDRIDGE COMPASS C041^{SV} (HBR)	USA18229488
Mating Type: ET	DOB: 14/01/2015	Genetic conditions: AMF, CAF, DDF, NHF, MHF, OHF, OSF
	BASIN FRANCHISE P142 [#]	SITZ UPWARD 307R ^{SV}
	EF COMPLEMENT 8088 ^{PV}	STYLES UPGRADE J59 [#]
	EF EVERELDA ENTENSE 6117 [#]	PLAINVIEW LASSIE 71B [#]
SIRE: USA17082311 EF COMMANDO 1366 ^{PV}		DAM: USA17149410 BALDRIDGE ISABEL Y69 [#]
	B/R AMBUSH 28 [#]	BALDRIDGE KABOOM K243 KCF [#]
RIVERBEND YOUNG LUCY W1470 [#]		BALDRIDGE ISABEL T935 [#]
RIVERBEND YOUNG LUCY T1080 [#]		BALDRIDGE ISABEL P4527 [#]



TACE	Mid August 2024 TransTasman Angus Cattle Evaluation																					
	Dir	Dtrs	GL	BW	200W	400W	600W	MCW	Milk	SS	DtC	CWT	EMA	Rib	Rump	RBV	IMF	NFI-F	Doc	Claw	Ang	Leg
EBVs	+6.6	+5.0	-3.4	+3.0	+60	+107	+134	+86	+30	+1.8	-3.8	+69	+6.9	+0.4	+0.0	+0.1	+3.1	+0.57	+19	+0.64	+0.66	+0.78
Acc	92%	82%	99%	98%	98%	98%	98%	97%	96%	97%	67%	94%	92%	92%	92%	88%	92%	80%	97%	98%	98%	95%

Traits Observed: Genomics

Number of Herds: 89, Prog Analysed: 1214, Genomic Prog: 809

Selection Indexes	
\$A	\$A-L
\$256	\$407
6	10

RS	CHILTERN PARK MOE M6^{PV} (HBR)	GTNM6
Mating Type: Natural	DOB: 05/03/2016	Genetic conditions: AMFU, CAFU, DDF, NHFU
	BONGONGO BULLETPROOF Z3 ^{PV}	HYLINE RIGHT TIME 338 [#]
	TE MANIA CALAMUS C46 ^{SV}	HIDDEN VALLEY TIMEOUT A45 ^{SV}
	TE MANIA LOWAN A626 [#]	WOODHILL LASS 344-1178 [#]
SIRE: VTMF734 TE MANIA FOE F734 ^{SV}		DAM: VSNF15 STRATHEWEN TIMEOUT JADE F15 ^{PV}
	TE MANIA AFRICA A217 ^{PV}	BON VIEW NEW DESIGN 1407 ^{SV}
TE MANIA DANDLOO D700 [#]		STRATHEWEN 1407 JADE C05 ^{PV}
TE MANIA DANDLOO X330 ^{SV}		STRATHEWEN XPONENTIAL JADE A46 ^{PV}



TACE	Mid August 2024 TransTasman Angus Cattle Evaluation																					
	Dir	Dtrs	GL	BW	200W	400W	600W	MCW	Milk	SS	DtC	CWT	EMA	Rib	Rump	RBV	IMF	NFI-F	Doc	Claw	Ang	Leg
EBVs	+5.0	+3.7	-1.3	+3.1	+50	+99	+133	+78	+29	+1.5	-6.3	+80	+5.4	-0.7	+0.8	+0.2	+1.8	+0.25	+37	+0.68	+1.04	+1.10
Acc	91%	81%	99%	99%	99%	99%	99%	97%	97%	98%	68%	95%	93%	93%	93%	89%	93%	85%	99%	99%	99%	98%

Traits Observed: BWT, 200WT, Genomics

Number of Herds: 237, Prog Analysed: 4314, Genomic Prog: 2332

Selection Indexes	
\$A	\$A-L
\$243	\$388
12	20

RS	CHILTERN PARK PICASSO P9^{PV} (HBR)	GTNP9
Mating Type: AI	DOB: 16/03/2018	Genetic conditions: AMF, CAF, DDF, NHF, DWF, MAF, MHF, OHF, OSF, RGF
	TE MANIA AMBASSADOR A134 ^{SV}	TE MANIA BARTEL B219 ^{PV}
	TUWHARETOA REGENT D145 ^{PV}	AYRVALE BARTEL E7 ^{PV}
	LAWSONS HENRY VIII Y5 ^{SV}	EAGLEHAWK JEDDA B32 ^{SV}
SIRE: HKFJ5 PARINGA JUDD J5 ^{PV}		DAM: GTNK26 CHILTERN PARK K26 ^{PV}
	TE MANIA BERKLEY B1 ^{PV}	HIDDEN VALLEY TIMEOUT A45 ^{SV}
STRATHEWEN BERKLEY WILPENA F30 ^{PV}		STRATHEWEN TIMEOUT JADE F15 ^{PV}
STRATHEWEN IN FOCUS WILPENA B41 ^{PV}		STRATHEWEN 1407 JADE C05 ^{PV}



TACE	Mid August 2024 TransTasman Angus Cattle Evaluation																					
	Dir	Dtrs	GL	BW	200W	400W	600W	MCW	Milk	SS	DtC	CWT	EMA	Rib	Rump	RBV	IMF	NFI-F	Doc	Claw	Ang	Leg
EBVs	+8.3	+8.2	-3.3	+1.2	+55	+101	+132	+91	+23	+3.6	-7.5	+92	+6.6	-0.5	+1.2	-0.4	+4.1	+0.70	+26	+0.64	+0.68	+0.84
Acc	79%	68%	98%	98%	96%	96%	95%	90%	83%	93%	62%	88%	87%	86%	87%	80%	88%	77%	93%	91%	91%	85%

Traits Observed: GL, BWT, 400WT, Genomics

Number of Herds: 47, Prog Analysed: 688, Genomic Prog: 414

Selection Indexes	
\$A	\$A-L
\$273	\$448
2	2


REFERENCE SIRES

RS MILLAH MURRAH REMBRANDT R48^{PV} (HBR) NMMR48

Mating Type: ET DOB: 28/01/2020 Genetic conditions: AMF, CAF, DDF, NHF, DWF, MAF, MHF, OHF, OSF, RGF

EF COMPLEMENT 8088^{PV} HINGAIA 469[#]
 EF COMMANDO 1366^{PV} MILLAH MURRAH KINGDOM K35^{PV}
 RIVERBEND YOUNG LUCY W1470[#] MILLAH MURRAH FLOWER G41^{PV}

SIRE: NMMP15 MILLAH MURRAH PARATROOPER P15^{PV} DAM: NMMN60 MILLAH MURRAH ABIGAIL N60^{PV}
 MILLAH MURRAH HIGHLANDER G18^{SV} TEMANIA EMPEROR E343^{PV}
 MILLAH MURRAH ELA M9^{PV} MILLAH MURRAH ABIGAIL H150^{SV}
 MILLAH MURRAH ELA K127^{SV} MILLAH MURRAH ABIGAIL D9^{SV}



TACE Mid August 2024 TransTasman Angus Cattle Evaluation

	Dir	Dtrs	GL	BW	200W	400W	600W	MCW	Milk	SS	DtC	CWT	EMA	Rib	Rump	RBV	IMF	NFI-F	Doc	Claw	Ang	Leg
EBVs	+2.5	+1.4	-7.1	+4.9	+55	+98	+130	+99	+15	+3	-5	+74	+8.0	+2.2	+2.9	+0.4	+1.7	+0.47	+36	+0.70	+0.82	+1.02
Acc	73%	62%	98%	98%	97%	96%	94%	87%	79%	95%	51%	81%	83%	82%	83%	77%	83%	67%	97%	85%	84%	79%

Traits Observed: BWT, 200WT, 400WT, SC, Scan(EMA, Rib, Rump, IMF), DOC, Genomics

Selection Indexes	
\$A	\$A-L
\$234	\$384
18	22


Number of Herds: 71, Prog Analysed: 1025, Genomic Prog: 639

RS MOOGENILLA QUINELLA Q33^{PV} (HBR) BWFQ33

Mating Type: AI DOB: 08/07/2019 Genetic conditions: AMF, CAF, DDF, NHF, DWF, MAF, MHF, OHF, OSF, RGF

MYTTY IN FOCUS[#] BASIN FRANCHISE P142[#]
 CONNEALY IN SURE 8524[#] EF COMPLEMENT 8088^{PV}
 ENTREENA OF CONANGA 657[#] EF EVERELDA ENTENSE 6117[#]

SIRE: USA18181757 G A R FAIL SAFE^{PV} DAM: BWFN9 MOOGENILLA N9^{SV}
 G A R PROGRESS^{SV} PA FULL POWER 1208^{PV}
 G A R PROGRESS 830[#] MOOGENILLA L4[#]
 G A R 111 RITO 3346[#] MOOGENILLA J39[#]



TACE Mid August 2024 TransTasman Angus Cattle Evaluation

	Dir	Dtrs	GL	BW	200W	400W	600W	MCW	Milk	SS	DtC	CWT	EMA	Rib	Rump	RBV	IMF	NFI-F	Doc	Claw	Ang	Leg
EBVs	+3.2	+9.8	-6.4	+3.7	+59	+116	+144	+83	+25	+3.0	-2.6	+100	+10.1	-1.0	-0.3	+0.0	+4.3	+0.66	+31	+0.82	+0.96	+0.86
Acc	81%	65%	99%	99%	98%	98%	97%	89%	80%	97%	54%	82%	86%	85%	85%	79%	85%	75%	97%	95%	95%	92%

Traits Observed: GL, BWT, 200WT, 400WT, SC, Scan(EMA, Rib, Rump, IMF), Genomics

Selection Indexes	
\$A	\$A-L
\$268	\$418
3	7


Number of Herds: 62, Prog Analysed: 1879, Genomic Prog: 903

RS MURDEDUKE QUARTERBACK Q011^{PV} (HBR) CSWQ011

Mating Type: AI DOB: 10/07/2019 Genetic conditions: AMF, CAF, DDF, NHF, DWF, MAF, MHF, OHF, OSF, RGF

G A R PROGRESS^{SV} KAROO W109 DIRECTION Z181^{SV}
 G A R MOMENTUM^{PV} CARABAR DOCKLANDS D62^{PV}
 G A R BIGEYE 1770[#] CARABAR BLACKCAP MARY B12^{PV}

SIRE: VLYM518 LAWSONS MOMENTOUS M518^{PV} DAM: CSWN026 MURDEDUKE BARUNAH N026^{PV}
 TE MANIA AFRICA A217^{PV} RENNYLEA EDMUND E11^{PV}
 LAWSONS AFRICA H229^{SV} MURDEDUKE K304^{SV}
 LAWSONS ROCKND AMBUSH E1103^{PV} MURDEDUKE BARUNAH C191^{SV}



TACE Mid August 2024 TransTasman Angus Cattle Evaluation

	Dir	Dtrs	GL	BW	200W	400W	600W	MCW	Milk	SS	DtC	CWT	EMA	Rib	Rump	RBV	IMF	NFI-F	Doc	Claw	Ang	Leg
EBVs	+4.9	-1.1	-9.5	+3.0	+53	+98	+130	+114	+23	+4.0	-5.5	+75	+4.6	+1.8	+2.5	-1.0	+5.2	+0.62	+24	+0.74	+1.1	+1.08
Acc	88%	76%	99%	99%	99%	99%	98%	96%	92%	98%	63%	91%	90%	89%	89%	82%	90%	80%	99%	98%	98%	97%


Traits Observed: GL, CE, BWT, 200WT, 400WT, SC, Scan(EMA, Rib, Rump, IMF), DOC, Structure(Claw Set x1, Foot Angle x1), Genomics

Selection Indexes	
\$A	\$A-L
\$221	\$385
30	22

Number of Herds: 179, Prog Analysed: 4074, Genomic Prog: 2884

REFERENCE SIRES

RS	THE ROCK PHOENIX R38^{PV} (HBR)	ATZR38
Mating Type: ET	DOB: 19/07/2020 CONNEALY IN SURE 8524# GAR SURE FIRE ^{SV} CHAIR ROCK 5050 GAR 8086#	Genetic conditions: AMFU, CAFU, DDFU, NHFU PATHFINDER GENESIS G357 ^{PV} PATHFINDER KOMPLETE K22 ^{SV} PATHFINDER EQUATOR H756#
	SIRE: USA18636106 GAR PHOENIX^{PV} GAR PROPHET ^{SV} GAR PROPHET N744# GAR DAYBREAK 440#	DAM: ATZP42 THE ROCK BLACKBIRD P42^{PV} AYRVALE GENERAL G18 ^{PV} THE ROCK K4 ^{PV} THE ROCK H26 ^{PV}




TACE <small>Trans Tasman Angus Cattle Evaluation</small>	Mid August 2024 Trans Tasman Angus Cattle Evaluation																					
	Dir	Dtrs	GL	BW	200W	400W	600W	MCW	Milk	SS	DtC	CWT	EMA	Rib	Rump	RBY	IMF	NFI-F	Doc	Claw	Ang	Leg
EBVs	+9.1	+7.0	-9.0	+0.8	+60	+110	+144	+130	+20	+2.6	-6.2	+88	+3.0	+0.4	+1.3	-0.2	+1.7	-0.09	+19	+0.74	+0.78	+0.74
Acc	72%	61%	83%	87%	87%	86%	85%	82%	78%	84%	49%	76%	76%	77%	71%	78%	67%	78%	85%	85%	80%	

Traits Observed: BWT, 200WT, 400WT, 600WT, SC, Scan(EMA, Rib, Rump, IMF), Structure(Claw Set x 1, Foot Angle x 1), Genomics

Number of Herds: 1, Prog Analysed: 19, Genomic Prog: 19

Selection Indexes	
\$A	\$A-L
\$234	\$430
17	4

RS	THE ROCK PHOENIX R44^{PV} (HBR)	ATZR44
Mating Type: AI	DOB: 20/07/2020 CONNEALY IN SURE 8524# GAR SURE FIRE ^{SV} CHAIR ROCK 5050 GAR 8086#	Genetic conditions: AMFU, CAFU, DDFU, NHFU PATHFINDER GENESIS G357 ^{PV} PATHFINDER KOMPLETE K22 ^{SV} PATHFINDER EQUATOR H756#
	SIRE: USA18636106 GAR PHOENIX^{PV} GAR PROPHET ^{SV} GAR PROPHET N744# GAR DAYBREAK 440#	DAM: ATZP28 THE ROCK BLACKBIRD P28^{PV} AYRVALE GENERAL G18 ^{PV} THE ROCK K4 ^{PV} THE ROCK H26 ^{PV}



TACE <small>Trans Tasman Angus Cattle Evaluation</small>	Mid August 2024 Trans Tasman Angus Cattle Evaluation																					
	Dir	Dtrs	GL	BW	200W	400W	600W	MCW	Milk	SS	DtC	CWT	EMA	Rib	Rump	RBY	IMF	NFI-F	Doc	Claw	Ang	Leg
EBVs	+4.4	+3.0	-6.8	+2.8	+54	+98	+125	+85	+22	+4.5	-4.5	+79	+8.0	+0.7	-0.1	+1.0	+1.7	+0.02	+9	+0.58	+0.68	+0.68
Acc	72%	60%	83%	87%	86%	85%	84%	82%	77%	83%	48%	75%	74%	74%	68%	77%	67%	77%	81%	81%	76%	

Traits Observed: GL, BWT, 200WT, 400WT, SC, Scan(EMA, Rib, Rump, IMF), Structure(Claw Set x 1, Foot Angle x 1), Genomics

Number of Herds: 1, Prog Analysed: 21, Genomic Prog: 20

Selection Indexes	
\$A	\$A-L
\$236	\$380
16	25

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Recessive Genetic Conditions



This is information for bull buyers about the recessive genetic conditions, Arthrogryposis 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.

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.

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.

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.

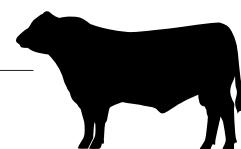
Registration certificates and the Angus Australia web-database display these codes. This information is displayed on the animal details page and can be accessed by conducting an “Database Search” from the Angus Australia website or looking up individual animals listed in a sale catalogue.

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 (02) 6773 4600.



Understanding the TransTasman Angus Cattle Evaluation (TACE)

What is the TransTasman Angus Cattle Evaluation?

The TransTasman Angus Cattle Evaluation is the genetic evaluation program adopted by Angus Australia for Angus and Angus influenced beef cattle. The TransTasman Angus Cattle Evaluation uses Best Linear Unbiased Prediction (BLUP) technology to produce Estimated Breeding Values (EBVs) of recorded cattle for a range of important production traits (e.g. weight, carcase, fertility).

The TransTasman Angus Cattle Evaluation is an international genetic evaluation and includes pedigree, performance and genomic information from the Angus Australia and Angus New Zealand databases, along with selected information from the American and Canadian Angus Associations.

The TransTasman Angus Cattle Evaluation utilises a range of genetic evaluation software, including the internationally recognised BLUPF90 family of programs, and BREEDPLAN® beef genetic evaluation analytical software, as developed by the Animal Genetics and Breeding Unit (AGBU), a joint institute of NSW Agriculture and the University of New England, and Meat and Livestock Australia Limited (MLA).

What is an EBV?

An animal's breeding value can be defined as its genetic merit for each trait. While it is not possible to determine an animal's true breeding value, it is possible to estimate it. These estimates of an animal's true breeding value are called EBVs (Estimated Breeding Values).

EBVs are expressed as the difference between an individual animal's genetics and a historical genetic level (i.e. group of animals) within the TACE genetic evaluation, and are reported in the units in which the measurements are taken.

Using EBVs to Compare the Genetics of Two Animals

TACE EBVs can be used to estimate the expected difference in the genetics of two animals, with the expected difference equating to half the difference in the EBVs of the animals, all other things being equal (e.g. they are joined to the same animal/s).

For example, a bull with a 200 Day Growth EBV of +60 would be expected to produce progeny that are, on average, 10 kg heavier at 200 days of age than a bull with a 200 Day Growth EBV of +40 kg (i.e. 20

kg difference between the sire's EBVs, then halved as the sire only contributes half the genetics).

Or similarly, a bull with an IMF EBV of +3.0 would be expected to produce progeny with on average, 1% more intramuscular fat in a 400 kg carcase than a bull with a IMF EBV of +1.0 (i.e. 2% difference between the sire's EBVs, then halved as the sire only contributes half the genetics).

Using EBVs to Benchmark an Animal's Genetics with the Breed

EBVs can also be used to benchmark an animal's genetics relative to the genetics of other Angus or Angus infused animals recorded with Angus Australia.

To benchmark an animal's genetics relative to other Angus animals, an animal's EBV can be compared to the EBV reference tables, which provide:

- the breed average EBV
- the percentile bands table

The current breed average EBV is listed on the bottom of each page in this publication, while the current EBV reference tables are included at the end of these introductory notes.

For easy reference, the percentile band in which an animal's EBV ranks is also published in association with the EBV.

Considering Accuracy

An accuracy value is published with each EBV, and is usually displayed as a percentage value immediately below the EBV.

The accuracy value provides an indication of the reliability of the EBV in estimating the animal's genetics (or true breeding value), and is an indication of the amount of information that has been used in the calculation of the EBV.

EBVs with accuracy values below 50% should be considered as preliminary or of low accuracy, 50-74% as of medium accuracy, 75-90% of medium to high accuracy, and 90% or greater as high accuracy.

Description of TACE EBVs

EBVs are calculated for a range of traits within TACE, covering calving ease, growth, fertility, maternal performance, carcase merit, feed efficiency and structural soundness. A description of each EBV included in this publication is provided on the following page.

UNDERSTANDING ESTIMATED BREEDING VALUES (EBVs)

Calving Ease/Birth	CEDir	%	Genetic differences in the ability of a sire's calves to be born unassisted from 2 year old heifers.	Higher EBVs indicate fewer calving difficulties in 2 year old heifers.
	CEDtrs	%	Genetic differences in the ability of a sire's daughters to calve unassisted at 2 years of age.	Higher EBVs indicate fewer calving difficulties in 2 year old heifers.
	GL	days	Genetic differences between animals in the length of time from the date of conception to the birth of the calf.	Lower EBVs indicate shorter gestation length.
	BW	kg	Genetic differences between animals in calf weight at birth.	Lower EBVs indicate lighter birth weight.
Growth	200 Day	kg	Genetic differences between animals in live weight at 200 days of age due to genetics for growth.	Higher EBVs indicate heavier live weight.
	400 Day	kg	Genetic differences between animals in live weight at 400 days of age.	Higher EBVs indicate heavier live weight.
	600 Day	kg	Genetic differences between animals in live weight at 600 days of age.	Higher EBVs indicate heavier live weight.
	MCW	kg	Genetic differences between animals in live weight of cows at 5 years of age.	Higher EBVs indicate heavier mature weight.
	Milk	kg	Genetic differences between animals in live weight at 200 days of age due to the maternal contribution of its dam.	Higher EBVs indicate heavier live weight.
Fertility	DtC	days	Genetic differences between animals in the time from the start of the joining period (i.e. when the female is introduced to a bull) until subsequent calving.	Lower EBVs indicate shorter time to calving.
	SS	cm	Genetic differences between animals in scrotal circumference at 400 days of age.	Higher EBVs indicate larger scrotal circumference.
Carcase	CWT	kg	Genetic differences between animals in hot standard carcase weight at 750 days of age.	Higher EBVs indicate heavier carcase weight.
	EMA	cm ²	Genetic differences between animals in eye muscle area at the 12/13th rib site in a 400 kg carcase.	Higher EBVs indicate larger eye muscle area.
	Rib Fat	mm	Genetic differences between animals in fat depth at the 12/13th rib site in a 400 kg carcase.	Higher EBVs indicate more fat.
	P8 Fat	mm	Genetic differences between animals in fat depth at the P8 rump site in a 400 kg carcase.	Higher EBVs indicate more fat.
	RBV	%	Genetic differences between animals in boned out saleable meat from a 400 kg carcase.	Higher EBVs indicate higher yield.
	IMF	%	Genetic differences between animals in intramuscular fat (marbling) at the 12/13th rib site in a 400 kg carcase.	Higher EBVs indicate more intramuscular fat.
Feed/Temp.	NFI-F	kg/day	Genetic differences between animals in feed intake at a standard weight and rate of weight gain when animals are in a feedlot finishing phase.	Lower EBVs indicate more feed efficiency.
	Doc	%	Genetic differences between animals in temperament.	Higher EBVs indicate better temperament.
Structure	Claw Set	score	Genetic differences in claw set structure (shape and evenness of claws).	Lower EBVs indicate a lower score.
	Foot Angle	score	Genetic differences in foot angle (strength of pastern, depth of heel).	Lower EBVs indicate a lower score.
	Leg Angle	score	Genetic differences in rear leg structure when viewed from the side (angle at front of the hock).	Lower EBVs indicate a lower score.
Selection Index	\$A	\$	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 market end-point, but identifies animals that will improve overall net profitability in the majority of commercial, self replacing, grass and grain finishing beef production systems.	Higher selection indexes indicate greater profitability.
	\$A-L	\$	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 market end-point, but identifies animals that will improve overall net profitability in the majority of commercial, self replacing, grass and grain finishing beef production systems. The \$A-L index is similar to the \$A index but is modelled on a production system where feed is surplus to requirements for the majority of the year, or the cost of supplying additional feed when animal feed requirements increase is low. While the \$A aims to maintain mature cow weight, the \$A-L does not aim to limit the increase in mature cow weight as there is minimal cost incurred if the feed maintenance requirements of the female breeding herd increase as a result of selection decisions.	Higher selection indexes indicate greater profitability.

UNDERSTANDING ESTIMATED BREEDING VALUES (EBVS)

Selection Indexes	\$D	\$	Genetic differences between animals in net profitability per cow joined in a commercial self replacing herd targeting the domestic supermarket trade. Steers are either finished using pasture, pasture supplemented by grain, or grain (e.g. 50 -70 days) with steers assumed to be slaughtered at 510kg live weight (280kg carcass weight with 12mm P8 fat depth) at 16 months of age.	Higher selection indexes indicate greater profitability.
	\$D-L	\$	Genetic differences between animals in net profitability per cow joined in a commercial self replacing herd targeting the domestic supermarket trade. Steers are either finished using pasture, pasture supplemented by grain, or grain (e.g. 50 -70 days) with steers assumed to be slaughtered at 510kg live weight (280kg carcass weight with 12mm P8 fat depth) at 16 months of age. The \$D-L index is similar to the \$D index but is modelled on a production system where feed is surplus to requirements for the majority of the year, or the cost of supplying additional feed when animal feed requirements increase is low. While the \$D aims to maintain mature cow weight, the \$D-L does not aim to limit the increase in mature cow weight as there is minimal cost incurred if the feed maintenance requirements of the female breeding herd increase as a result of selection decisions.	Higher selection indexes indicate greater profitability.
	\$GN	\$	Genetic differences between animals in net profitability per cow joined in a commercial self replacing herd targeting pasture grown steers with a 250 day feedlot finishing period for the grain fed high quality, highly marbled markets. Steers are assumed to be slaughtered at 800 kg live weight (455 kg carcass weight with 30 mm P8 fat depth) at 24 months of age, with a significant premium for steers that exhibit superior marbling.	Higher selection indexes indicate greater profitability.
	\$GN-L	\$	Genetic differences between animals in net profitability per cow joined in a commercial self replacing herd targeting pasture grown steers with a 250 day feedlot finishing period for the grain fed high quality, highly marbled markets. Steers are assumed to be slaughtered at 800 kg live weight (455 kg carcass weight with 30 mm P8 fat depth) at 24 months of age, with a significant premium for steers that exhibit superior marbling. The \$GN-L index is similar to the \$GN index but is modelled on a production system where feed is surplus to requirements for the majority of the year, or the cost of supplying additional feed when animal feed requirements increase is low. While the \$GN aims to maintain mature cow weight, the \$GN-L does not aim to limit the increase in mature cow weight as there is minimal cost incurred if the feed maintenance requirements of the female breeding herd increase as a result of selection decisions.	Higher selection indexes indicate greater profitability.
	\$GS	\$	Genetic differences between animals in net profitability per cow joined in a commercial self replacing herd targeting pasture finished steers. Steers are assumed to be slaughtered at 650 kg live weight (350 kg carcass weight with 12 mm P8 fat depth) at 22 months of age. Emphasis has been placed on eating quality and tenderness to favour animals that are suited to MSA requirements.	Higher selection indexes indicate greater profitability.
	\$GS-L	\$	Genetic differences between animals in net profitability per cow joined in a commercial self replacing herd targeting pasture finished steers. Steers are assumed to be slaughtered at 650 kg live weight (350 kg carcass weight with 12 mm P8 fat depth) at 22 months of age. Emphasis has been placed on eating quality and tenderness to favour animals that are suited to MSA requirements. The \$GS-L index is similar to the \$GS index but is modelled on a production system where feed is surplus to requirements for the majority of the year, or the cost of supplying additional feed when animal feed requirements increase is low. While the \$GS aims to maintain mature cow weight, the \$GS-L does not aim to limit the increase in mature cow weight as there is minimal cost incurred if the feed maintenance requirements of the female breeding herd increase as a result of selection decisions.	Higher selection indexes indicate greater profitability.
	\$PRO	\$	Genetic differences between animals in net profitability per cow joined in a commercial self replacing herd based in New Zealand that targets the production of grass finished steers for the AngusPure programme. Steers are assumed marketed at approximately 530 kg live weight (290 kg carcass weight with 10 mm P8 fat depth) at 20 months of age, with a significant premium for steers that exhibit superior marbling.	Higher selection indexes indicate greater profitability.
	\$T	\$	Genetic difference between animals in net profitability per cow joined in a situation where Angus bulls are being used as a terminal sire over mature breeding females and all progeny, both male and female, are slaughtered. The Angus Terminal Sire Index focusses on increasing growth, carcass yield and eating quality. Daughters are not retained for breeding and therefore no emphasis is given to female fertility or maternal traits.	Higher selection indexes indicate greater profitability.

BRINGING YOUR NEW BULL HOME



When purchasing a bull, care and handling after the sale can be as important as the purchase itself. Looking after your bull well during the Initial stages of his working life may ensure longevity and success within your breeding herd.

Purchase

Temperament is an important characteristic when selecting a bull. Selecting a bull that may be flighty or aggressive will make life difficult for you each time he is handled.

Note which bulls continually push to the centre of a mob, run around, or are unreasonably nervous, aggressive or excited.

At the sale, note any changes of temperament by individual bulls. Some bulls that are quiet in the yard or paddock may not like the pressure and noise of the auction and become excited. Others that were excited beforehand get much worse in the sale ring and can really perform. Use the yard or paddock behaviour as a guide, rather than the temperament shown in the ring.

Delivery

When transporting your new bull insurance against loss in transit, accidental loss of use, or infertility, is sometimes provided by vendors. Where it is not, it is worth considering. After purchase tips:

- When purchasing, ask which health treatments he has received.
- Treat and handle him quietly at all times - no dogs, no buzzers. Talk to him and give him time and room to make up his mind.
- With more than one bull from different origins, you must be able to separate them on the truck.
- Make sure that the truck floor is covered to prevent bulls from slipping. Sand, sawdust or a floor grid will prevent bulls from being damaged by going down in transit.
- If you can arrange it, put a few quiet cows or steers on the truck with the bull. Let them down into a yard with the bulls for a while before loading and after unloading.
- Unload and reload during the trip as little as possible. If necessary, rest with water and feed. Treat bulls kindly your impatience or nervousness is easily transmitted to an animal unfamiliar to you and unsure of his environment.

If you use a professional carrier:

- Make sure the carrier knows which bulls can be mixed together.

- Discuss with the carrier, resting procedures for long trips, expected delivery time, truck condition and quiet handling.
- Give ear tag and brand numbers to the carrier and make sure you have the carrier's phone number.
- If buying bulls from interstate, organise any necessary health tests before leaving and work out if any other requirements must be met before cattle can come into another State.

When buying bulls from far away, you may often have to fit in with other delivery arrangements to reduce cost. You should make it clear how you want your bulls handled.

Arrival

When the bull or bulls arrive home, unload them at the yards into a group of house cows, steers or herd cows. Never jump them from the back of a truck directly into a paddock—it may be the last time you see them. Bulls from different origins should be put into separate yards with other cattle for company.

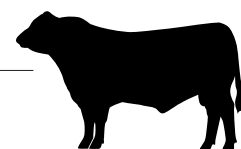
Provide hay and water, then leave them alone until the next morning.

The next day, bulls should receive routine health treatments. If they have not been treated before, all bulls should be vaccinated with:

- 5-in-1 vaccine;
- vibriosis vaccine;
- leptospirosis vaccine (if in areas like the Hunter where leptospirosis exists);
- three-day sickness vaccine (if in areas where this sickness can cause problems).

Give particular attention to preventing new bulls bringing vibriosis into a herd. Vibriosis, a sexually transmitted disease, causes infertility and abortions and is most commonly introduced to a clean herd by an infected bull.

These bulls show no signs of the illness. Vaccinated bulls are free from vibriosis, so vaccinating bulls against the disease should be a routine practice. Vaccination involves two injections, 4–6 weeks apart, at the time of introduction, and then a booster shot every year. Complete the vaccinations 4 weeks before joining.



BRINGING YOUR NEW BULL HOME



Consult with your veterinarian and draw up a policy for treating bulls on arrival and then annually. Bulls should be drenched to prevent introducing worms and, if necessary, should be treated for lice. Plan to give follow-up vaccinations 4–6 weeks later. Leave the bulls in the yards for the next day or two on feed and water to allow them to settle down with other stock for company. A bull's behaviour will decide how quickly he can be moved out to paddocks.

Mating new young bulls

Newly purchased young bulls should not be placed with older herd bulls for multiple-sire joining. The older, dominant bull will not allow the young bulls to work, and will knock them around while keeping them away from the cows. Use new bulls in either single-sire groups or with young bulls their own age. If a number of young bulls are to be used together, run them together for a few weeks before joining starts. They sort out their pecking order quickly and have few problems later. When the young bulls are working, inspect them regularly and closely.

Managing Older Herd Bulls

Older working bulls also need special care and attention before mating starts. They should be tested or checked every year for physical soundness, testicle tone, and serving capacity or ability. All bulls to be used must be free-moving, active and in good condition. Working bulls may need supplementary feeding before the joining season to bring up condition.

During mating

- Check bulls at least twice each week for the first 2 months. Get up close to them and watch each bull walk; check for swellings around the sheath and for lameness.
- Have a spare bull or bulls available to replace any that break down. Replace any suspect bull immediately.
- Rotate bulls in single-sire groups to make sure that any bull infertility is covered. Single-sire joining works well but it has risks. The bulls must be checked regularly and carefully, or the bulls should be rotated every one or two cycles.

Bulls are a large investment for breeding herds and they have a major effect on herd fertility. A little time and attention to make sure they are fit, free from disease and actively working is well worthwhile.

Northern Australia

Although the Angus breed originated in a cooler climate, they can adapt to subtropical regions with many straightbred and cross bred producers finding success in Northern Australia. Some of the following information may also be helpful for new bulls located in more temperate climates.

Adaptation

The key to Northern success for Angus is that cattle introduced from the Southern regions of Australia be allowed to adapt to their new environment before commencing their working life. If possible, a break of 3 months is advisable before you set your bull to work.

Purchase in cooler months

Ensure your bulls are in good condition before they do commence their working life. The cooler months are an ideal time to purchase and introduce Angus cattle, allowing them plenty of time to acclimatise.

Change of feed source

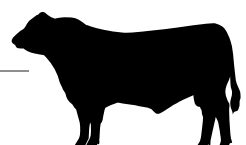
When inducting Angus cattle into your herd consider their source of feed. Have you taken an animal which has been supplemented on grain straight to a dry pasture? Animals should be gradually changed over to their new feed to ensure they do not lose condition. This may involve using supplements which could include dry lick/urea blocks.

Managing Cattle Ticks

For ticky areas, bulls should be vaccinated prior to transport and given another booster afterwards. Remember male are more susceptible to ticks than females.

**Information is provided by the Department of Primary Industries NSW. For further information visit www.dpi.nsw.gov.au or www.angusaustralia.com.au.*

**FOR MORE INFORMATION
ON GUIDELINES FOR
THE RELOCATION &
ONGOING MANAGEMENT
OF ANGUS BULLS.**



Angus Australia Disclaimer and Privacy Information



Attention Buyer

Animal details included in this catalogue, including but not limited to pedigree, DNA information, Estimated Breeding Values (EBVs) and Index values, are based on information provided by the breeder or owner of the animal. Whilst all reasonable care has been taken to ensure that the information provided in this catalogue was correct at the time of publication, Angus Australia will assume no responsibility for the accuracy or completeness of the information, nor for the outcome (including consequential loss) of any action taken based on this information.

Parent Verification Suffixes

The animals listed within this catalogue including its pedigree, are displaying a Parent Verification Suffix which indicates the DNA parent verification status that has been conducted on the animal. The Parent Verification Suffixes that will appear at the end of each animal's name.

The suffix displayed at the end of each animal's name indicates the DNA parentage verification that has been conducted by Angus Australia.

PV: both parents have been verified by DNA.

SV: the sire has been verified by DNA.

DV: the dam has been verified by DNA.

#: DNA verification has not been conducted.

E: DNA verification has identified that the sire and/or dam may possibly be incorrect, but this cannot be confirmed conclusively.

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.

Buyers option to opt out of disclosing personal information to 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 database and disclosing that information to its members on its website.

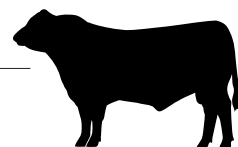
I, the buyer of animals with the following idents _____

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 animals I have mentioned above that I have purchased, maintaining its database and disclosing that information to its members on its website.

Authorised Name: _____ Signature: _____

Date: _____

Please forward this completed consent form to Angus Australia, 86 Glen Innes Road, Armidale NSW 2350



BUYERS' INSTRUCTION SLIP

PURCHASE DETAILS

Name: _____

Address: _____

Telephone: _____ P.I.C _____

Email: _____

Signature: _____

Please send accounts directly to me **OR**

Agent:

DELIVERY INSTRUCTIONS

Lots purchased: _____

Insurance: _____

Special instructions: _____

REGISTRATION TRANSFER DETAILS

Do you wish to have the Angus Society of Australia's registration of your bull transferred into your name? (Non-disclosure form overleaf).

No

Yes

Society ID No.: _____

ACCOUNT SETTLEMENT

The signature of your Agent is required if you elect to settle through an Agent.

Agent: _____ Signature: _____

James Masson 0410 488 566

Karen Masson 0414 629 202

To Wagga Wagga
(via Uranquinty)

Miege's Lane

Old Trunk Rd

Collingullie Rd

To Lockhart

The Rock

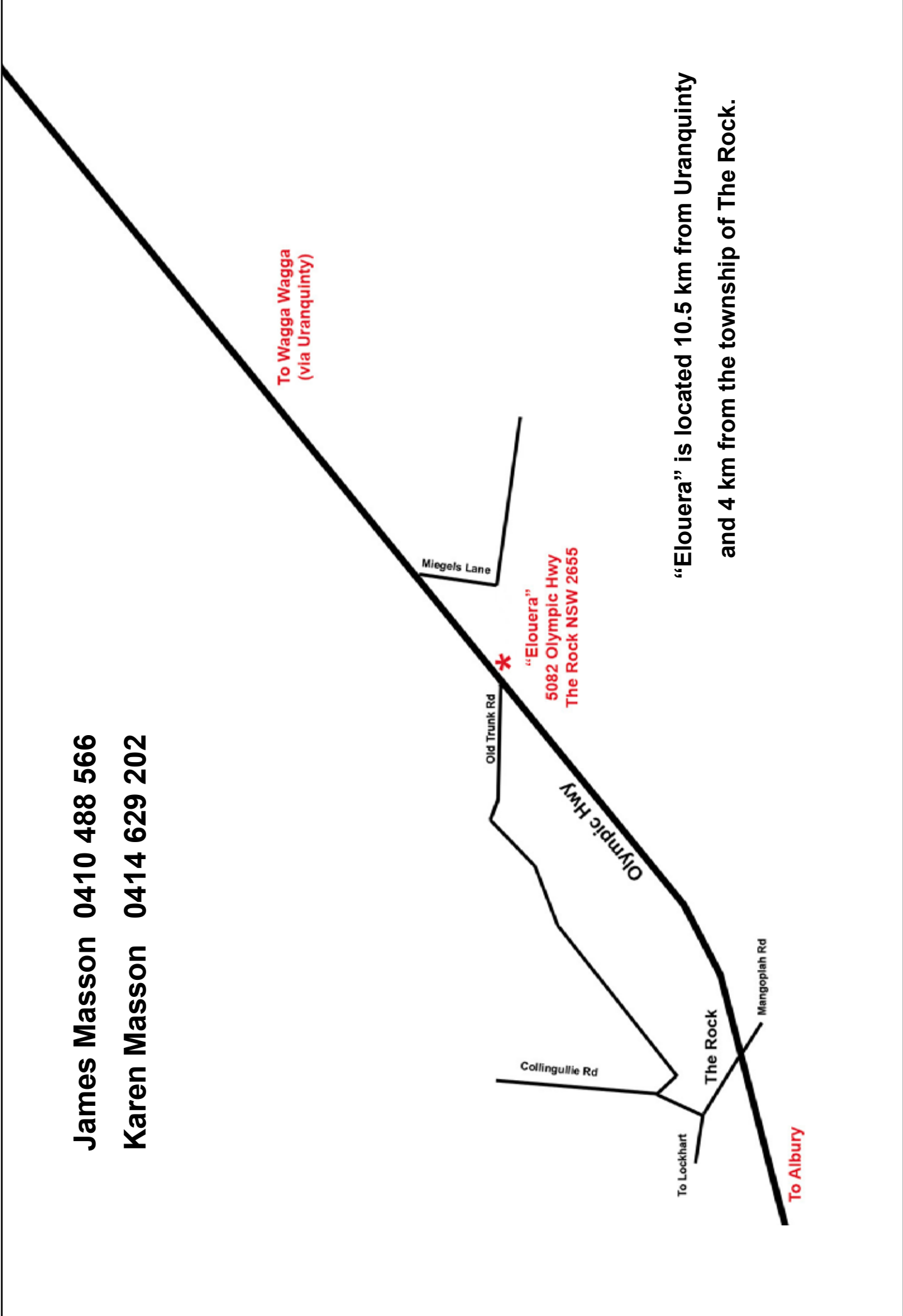
Mangoplah Rd

To Albury



"Elouera"
5082 Olympic Hwy
The Rock NSW 2655

"Elouera" is located 10.5 km from Uranquinty
and 4 km from the township of The Rock.






PARENTAGE ASSURED
BY ANGUS AUSTRALIA

TR THE ROCK ANGUS