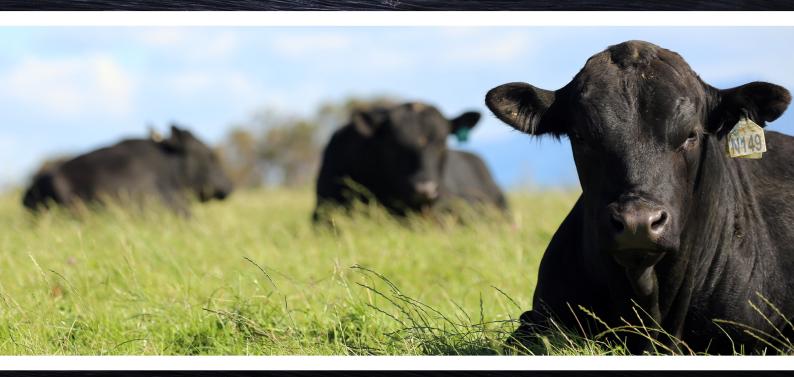


Established 1956

SPRING YEARLING BULL SALE

27 PERFORMANCE BULLS



12.00 PM THURSDAY 26TH SEPTEMBER 2019 "JESSIEFIELD"



Dear friends and fellow cattle breeders,

Cluden Newry Angus will hold its inaugural Spring Yearling Bull Sale on Thursday 26th September at 12pm. 27 13-14 month old bulls suitable for heifer joinings have been selected for the sale. These bulls have been run in a separate management group to ensure they are sufficiently well grown to be joined in spring 2019. We have been selling yearling bulls privately for a number of years and have now decided to hold an auction to enable clients to select the bulls best suited to their breeding programs.

The sale will be held on Auctions Plus, with bulls yarded giving the ability to purchase on farm similar to a traditional Helmsman auction. Bulls will be yarded from 10am, and purchasers will be able to either bid using their own Auctions Plus account or through one of the Roberts Agents in attendance.

The use of yearling bulls has been widespread in the seedstock industry for decades, with most seedstock programs artificially inseminating heifers and using yearling bulls to follow up. We have been using yearling bulls in herd for over 40 years. There is a growing trend in the commercial sector towards the use of yearling bulls, with the following benefits driving the change:

- Less Injuries

Nature intended bulls to work at 12-14 months of age. This is when they become sexually mature but they're still light and agile so they can learn their new trade without a high risk of injuring themselves.

- Easier to manage

Using bulls at a younger age results in a lower average age of your bull battery, and with it a lot less headaches! From our experience within our stud and commercial herd, and from client feedback, yearling bulls are much easier to manage in and out of the yards. Yearling bulls are well suited to multiple mating as they tend to fight less resulting in fewer injuries.

- Lower cost per calf

Using bulls as yearlings is proven to increase their average working life, lowering the bull cost per calf over the working life of the bull. By first using bulls as yearlings, the working life of a bull can be extended by a year or more—a 25% increase. As a result, the purchase price and running costs of bulls can be spread over more calves.

While the use of yearling bulls has many advantages, they can and will lose condition over joining, depending on the length of the joining period and the number of females they are joined to. Yearling bulls will require extra nutrition post joining compared to mature bulls to maintain them in condition score 2 - 3. It is likely the bulls will not grow out to reach their genetic potential. However, the value of a bull should be measured by the performance of his progeny, not on what he looks like, and this reduced body weight of the bulls is one of the key reasons that they have an extended working life, as less stress is placed on their skeletal structure. Cluden Newry recommends yearling bulls are joined at 35:1 in their first season, and 50:1 thereafter. While well grown yearling bulls can service cows, they are best suited to heifer joinings.

If you would like to discuss how the use of yearling bulls could benefit your operation, call Jock on 0417 013 172.





Australia's Livestock Marketplace



Can't make the sale?

Log on to AuctionsPlus and bid on your phone, tablet or computer.

Contact AuctionsPlus on **(02) 9262 4222** or email **studsales@auctionsplus.com.au** or **www.auctionsplus.com.au**

Check us out on:









SALE INFORMATION

The Cluden Newry Spring Yearling Bull Sale is held on our property "Jessiefield", 678 Pateena Rd, Longford. Bulls will be penned from 10am on sale day for inspection or prior by appointment.

Veterinary Inspection:

All the bulls have been examined by Dr Paul Nilon for physical soundness, scrotal size and tone, penis (palpitation of the sheath and extrusion of the penis) and semen tested.

Health Notes:

- All bulls have been vaccinated against Bovine Pestivirus (BVDV) with Pestigard. All bulls have been ear-notched to confirm there are no PI bulls.
- All bulls received an 8-in-1 vaccination at weaning with subsequent booster.
- All bulls have been vaccinated for the prevention of reproductive diseases Vibriosis and Leptospirosis with a booster to be given prior to the sale.
- · Cluden Newry has a J-BAS score of 6

Genetic Faults:

 All bulls offered are pedigree free or tested free of AM, NH, DD, and CA (Recessive Genetic Conditions)

Freight:

We offer Free sea freight to King & Flinders Islands and to Melbourne for bulls sold at auction.

Within Tasmania, we will organise and pay for freight on all bulls delivered within 2 weeks of the sale. We recommend you insure these bulls.

Insurance:

We recommend you insure your purchase for at least the first joining. If you choose to take insurance cover, we recommend you discuss the level of cover, and options available with your Insurance representative.

We believe Achmea offer the most competitive rates – contact Peter Wilkinson 0408 746 254

Registration Status:

Please note some animals are herd book transferable (HBR) while others are APR recorded and are not eligible for Stud Book transfer.

Rebate:

3% rebate commission is offered to outside agents introducing buyers to the vendor in writing 24 hours prior to the sale, accompanying buyers to the sale and settling invoice within 7 days.

Online Catalogue: The catalogue can be viewed online at www.angusaustralia.com.au

Agents:

Roberts will conduct the sale. Please contact Warren Johnson 0419326348 or Jock Gibson 0417133595 for information.

Disclaimer: Whilst all due care and attention has been paid to accuracy in the compilation, neither the vendor, the selling agents or representatives thereof assume responsibility for the correctness, use or interpretation of the information on animals included in this catalogue.



Angus Australia - Catalogue Listing Results

	Sire Id Dam Id	ABI	DOM	GRN	GRS	CE Dir	CE Dtrs	GL	Bwt	200	400	600	Mwt	Milk	SS	DC	Cwt	EMA	Rib	P8	RBY	IMF
1. CLUDEN NEWRY P2 THCP2 M 15/07/2018	SMPK22 THCM162	+\$112	+\$115	+\$106	+\$114	+5.2 46%	+3.8 37%	-11.0 85%	+0.9 73%	+40 68%	+77 65%	+90 66%	+63 62%	+21 50%	+2.2 59%	-5.2 35%	+61 55%	+8.3 55%	+3.2	+2.0 56%	+0.2 52%	+1.6 55%
2. CLUDEN NEWRY P4 THCP4 M 16/07/2018	SMPK22 THCM29	+\$112	+\$112	+\$105	+\$115	+4.9 46%	+3.6	-10.6 85%	+1.6 73%	+46 68%	+86 65%	+107 66%	+96 62%	+24 50%	+2.5 59%	-5.5 35%	+72 55%	+6.7 55%	+2.7 59%	+1.5 56%	+0.1 52%	+1.0 55%
3. CLUDEN NEWRY P48 THCP48 M 04/08/2018	THCM36 THCM131	+\$131	+\$118	+\$139	+\$127	-0.1 54%	+0.4	-8.6 72%	+5.6 70%	+58 67%	+100 65%	+134 66%	+126 63%	+16 55%	+1.8	-7.7 37%	+87 59%	+6.0 57%	-1.4 61%	-2.9 58%	+1.3 54%	+0.9 56%
4. CLUDEN NEWRY P53 THCP53 M 04/08/2018	SMPK22 THCL92	+\$105	+\$109	+\$98	+\$107	+4.7 47%	+4.4	-7.4 64%	+0.5	+39	+75 65%	+89 65%	+69 60%	+21 51%	+1.8	-5.2 36%	+58 55%	+6.8 55%	+1.7 59%	+1.1	-0.1 52%	+1.5 55%
5. CLUDEN NEWRY P72 THCP72 M 11/08/2018	THCM36 THCM17	+\$119	+\$108	+\$121	+\$115	+5.0 55%	+4.0 42%	-11.5 72%	-0.4 71%	+38	+72 66%	+96 67%	+60 65%	+20 57%	+1.2 61%	-8.0 39%	+61 60%	+2.7 59%	+1.8	+1.3	-1.0 56%	+2.1
6. CLUDEN NEWRY P80 THCP80 M 12/08/2018	SMPK22 THCJ80	+\$103	+\$105	+\$93	+\$106	+4.0 46%	+3.0	-6.8 84%	+1.1 74%	+37 68%	+72 66%	+86 66%	+65 62%	+23 52%	+2.4	-7.0 37%	+59 56%	+6.5 55%	+3.3	+2.8 56%	-0.6 52%	+1.2 54%
7. CLUDEN NEWRY P90 THCP90 M 13/08/2018	SMPK22 THCL27	+\$104	+\$106	+\$101	+\$104	+4.0 47%	+4.2	-7.0 84%	+2.0 74%	+38	+75 65%	+90 65%	+72 62%	+23 52%	+1.8 59%	-5.1 36%	+62 56%	+5.8 55%	+2.2 59%	+1.0 56%	-0.4 53%	+1.8 55%
8. CLUDEN NEWRY P93 THCP93 M 13/08/2018	WWEL3 THCK10	+\$142	+\$120	+\$164	+\$130	+1.1 52%	+1.8	-7.3 85%	+3.5	+51 69%	+95 66%	+127 67%	+121 62%	+19 53%	+3.3 62%	-6.4 40%	+76 57%	+5.6 58%	+1.2	+0.5 58%	-0.7 55%	+3.3
9. CLUDEN NEWRY P108 THCP108 M 14/08/2018	SMPK22 THCF171	+\$101	+\$101	+\$96	+\$102	+4.1 47%	+1.9 37%	-7.3 85%	+1.8 75%	+37 69%	+71 66%	+90 67%	+71 63%	+25 55%	+1.3 59%	-5.1 37%	+60 56%	+6.6 55%	+2.1 59%	+0.8 57%	+0.0 53%	+1.5 55%
10. CLUDEN NEWRY P109 THCP109 M 14/08/2018	SMPK22 THCE11	+\$97	+\$99	+\$90	+\$100	+4.0 48%	+3.3 37%	-6.4 85%	+2.0 74%	+36 69%	+70 67%	+89 67%	+75 63%	+24 56%	+2.4 59%	-4.9 37%	+58 57%	+5.8 56%	+1.9	+1.1 57%	-0.1 54%	+1.3 56%
11. CLUDEN NEWRY P148 THCP148 M 17/08/2018	USA17666102 THCH132	+\$113	+\$110	+\$115	+\$114	+2.0 49%	-0.1 33%	-3.4 84%	+4.5 74%	+50 68%	+89 65%	+117 63%	+105 61%	+13 54%	+1.4 58%	-2.4 33%	+69 56%	+5.7 54%	+0.1 58%	-0.3 55%	+0.3 52%	+1.7 53%
12. CLUDEN NEWRY P149 THCP149 M 17/08/2018	THCM26 THCM216	+\$118	+\$114	+\$118	+\$117	+0.4 50%	+0.2 34%	-4.4 68%	+3.9	+52 66%	+92 64%	+116 65%	+88 61%	+20 51%	+2.6 58%	-4.8 33%	+68 57%	+5.3 55%	-0.3 59%	+0.0 56%	+0.3 51%	+1.7 54%
13. CLUDEN NEWRY P153 THCP153 M 18/08/2018	SMPK22 THCK96	+\$111	+\$106	+\$115	+\$109	+2.6 48%	-0.3 39%	-6.7 84%	+2.7 74%	+43 68%	+80 66%	+102 66%	+79 62%	+22 53%	+1.6 61%	-4.5 39%	+69 57%	+5.4 56%	+1.8 59%	+0.8 57%	-0.5 53%	+2.4 56%
14. CLUDEN NEWRY P156 THCP156 M 19/08/2018	NBHL348 THCL86	+\$116	+\$108	+\$125	+\$111	+0.1 50%	+3.8	-4.9 84%	+3.7 74%	+48 68%	+86 64%	+110 65%	+108 62%	+13 52%	+2.3 60%	-6.4 37%	+64 55%	+3.9 55%	+1.4 58%	-0.2 56%	-0.6 53%	+2.2 54%
15. CLUDEN NEWRY P166 THCP166 M 19/08/2018	NWPG188 THCL185	+\$116	+\$113	+\$113	+\$117	+4.6 53%	+5.0 48%	-4.3 84%	+1.4 74%	+48 68%	+89 66%	+111 66%	+84 64%	+16 58%	+3.0 62%	-5.2 41%	+61 61%	+3.4	+1.4	+0.7 60%	-0.9 57%	+1.6 59%
16. CLUDEN NEWRY P174 THCP174 M 19/08/2018	WWEL3 THCK67	+\$122	+\$111	+\$133	+\$115	-1.3 53%	-1.5 41%	-5.2 85%	+4.2 74%	+48 69%	+84 66%	+110 66%	+84 63%	+17 54%	+2.5 62%	-5.9 40%	+70 57%	+6.8 58%	-0.1 61%	-0.6 59%	+0.3 55%	+2.6 58%
17. CLUDEN NEWRY P175 THCP175 M 19/08/2018	SMPK22 THCL125	+\$114	+\$111	+\$114	+\$114	+1.9 45%	+0.3 35%	-4.5 84%	+3.8 73%	+46 67%	+85 64%	+105 65%	+89 61%	+23 50%	+2.4 57%	-5.5 36%	+71 54%	+7.7 53%	+2.4 57%	+1.3 55%	+0.0 51%	+1.7 53%
18. CLUDEN NEWRY P219 THCP219 M 04/09/2018	THCM205 THCM32	+\$109	+\$108	+\$110	+\$109	+2.2 51%	+1.3 35%	-5.4 69%	+3.1	+46 67%	+83 64%	+104 65%	+73 62%	+20 52%	+1.4 58%	-5.1 33%	+66 57%	+3.5 55%	+0.1 60%	-0.4 56%	-0.3 52%	+1.9 54%
19. CLUDEN NEWRY P222 THCP222 M 04/09/2018	THCM109 THCH2	+\$120	+\$112	+\$129	+\$117	+1.8 54%	+3.8 38%	-10.0 71%	+3.8 71%	+51 67%	+89 65%	+122 66%	+104 63%	+13 56%	+1.2 60%	-3.5 35%	+71 58%	+2.5 56%	-0.9 61%	-2.5 58%	+0.3 53%	+2.0 56%
20. CLUDEN NEWRY P232 THCP232 M 06/09/2018	THCM87 THCM25	+\$126	+\$115	+\$122	+\$125	+3.5 54%	+4.2 40%	-3.5 71%	+2.5 68%	+48 67%	+88 65%	+116 66%	+95 63%	+16 54%	+2.7 59%	-8.6 37%	+61 58%	+3.3 56%	+1.7 60%	+1.5 57%	-0.4 53%	+0.8 56%
21. CLUDEN NEWRY P234 THCP234 M 06/09/2018	THCM109 THCG15	+\$115	+\$108	+\$123	+\$111	+0.7 55%	+3.0	-4.4 71%	+3.3	+48 68%	+85 66%	+111 67%	+88 64%	+19 58%	+2.0 61%	-5.5 37%	+64 59%	+2.4 57%	+0.4 61%	-0.7 58%	-0.6 54%	+2.4 56%
22. CLUDEN NEWRY P235 THCP235 M 06/09/2018	THCL61 THCL26	+\$140	+\$122	+\$155	+\$132	+0.9 46%	-0.3 39%	-5.1 63%	+4.3 73%	+52 66%	+99 62%	+132 62%	+127 61%	+19 53%	+2.2 56%	-6.0 40%	+77 56%	+6.0 53%	-0.1 57%	-0.5 55%	+0.7 52%	+2.1 53%
23. CLUDEN NEWRY P249 THCP249 M 09/09/2018	THCM59 THCK245	+\$107	+\$108	+\$107	+\$106	-2.8 53%	+1.0 37%	-4.4 69%	+4.4 71%	+50 68%	+91 65%	+110 66%	+91 63%	+18 55%	+2.9 60%	-6.4 34%	+62 58%	+5.2 55%	-1.1 60%	-1.1 57%	+0.5 52%	+1.3 55%
24. CLUDEN NEWRY P253 THCP253 M 10/09/2018	THCM109 THCK130	+\$123	+\$104	+\$137	+\$117	-0.8 54%	+1.2 39%	-7.5 68%	+5.2 71%	+48 68%	+86 65%	+128 65%	+126 61%	+16 55%	+1.3 60%	-4.8 36%	+74 58%	+4.2 56%	-1.6 60%	-2.5 57%	+0.9 53%	+1.8 55%
25. CLUDEN NEWRY P260 THCP260 M 13/09/2018	THCM87 THCM12	+\$104	+\$105	+\$101	+\$103	+1.4 54%	+2.7 40%	-3.3 71%	+4.0 68%	+43 67%	+71 65%	+86 66%	+75 63%	+8 55%	+2.1 60%	-6.1 38%	+50 58%	+5.9 56%	+1.7 60%	+1.4 57%	-0.3 53%	+1.8 56%
26. CLUDEN NEWRY P290 THCP290 M 29/09/2018	THCM59 THCJ71	+\$117	+\$112	+\$123	+\$111	-1.2 45%	+0.0 40%	-4.3 65%	+3.8 71%	+46 65%	+79 61%	+95 62%	+75 60%	+16 53%	+2.1 55%	-7.2 39%	+65 54%	+8.5 52%	+0.4 56%	-0.2 53%	+0.6 51%	+2.3 52%
27. CLUDEN NEWRY P298 THCP298 M 02/10/2018	THCM171 THCK146	+\$99	+\$93	+\$97	+\$101	-2.4 54%	-3.1 39%	-3.7 69%	+4.2 70%	+40 67%	+74 65%	+103 66%	+70 63%	+20 56%	+1.4 60%	-3.9 38%	+60 59%	+4.0 57%	+1.0 61%	+1.5 58%	+0.0 55%	+1.7 57%



AUGUST 2019 ANGUS AUSTRALIA BREEDPLAN REFERENCE TABLES



												BRE	ED A	BREED AVERAGE EBVs	Æ EB	Vs												
	Calvir	Calving Ease	Birth	irth			Growth			Fertility	ility			Carcase	ase			Other	er		Si	Structure			Se	Selection Indexes	Indexes	
	CEDir	CEDir Cedts Gl BW 200 400 600 MCW Milk SS DTC CWT EMA RIB P8 RBY IM	GL	BW	200	400	600	MCW	Milk	SS	DTC	CWT	EMA	RIB	P8	RBY	IMF	NFI-F	DOC	FA	FC	RA	NFLF DOC FA FC RA RH RS ABI DOM GRN GRS	RS	ABI	DOM	GRN	GRS
Brd Avg	+0.2	+0.2 +0.4 -4.1 +4.3 +44 +81 +106 +93 +15 +1.8 -4.2 +59 +5.1 +0.0 -0.2 +0.4 +1.7	<u>4</u> .	+4.3	+44	+81	+106	+93	+15	+1.8	-4.2	+59	+ 5.1	+0.0	-0.2	+0.4		+0.14	4	ţ	7	'n	+0.14 +4 +0 -1 -2 -0.4 -0.4 +113	-0.4	+113	+108	+118 +111	+111
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^{*} Breed average represents the average EBV of all 2017 drop Angus and Angus influenced animals analysed in the August 2019 Angus Australia BREEDPLAN genetic evaluation.

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	99%	95%	90%	85%	80%	75%	70%	65%	60%	55%	50%	45%	40%	35%	30%	25%	20%	15%	10%	5%	1%			% Band	
More Calving Difficulty	-7.4	-4.5	-3.2	-2.4	-1.8	<u>-1.3</u>	-0.9	-0.6	-0.2	+0.1	+0.4	+0.7	+1.0	+1.4	+1.7	+2.0	+2.4	+2.8	+3.3	+3.9	+5.0	Less Calving Difficulty	CEDir	Calvin	
More Calving Difficulty	-5.2	-3.3	-2.3	-1.7	-1.2	-0.9	-0.5	-0.2	+0.0	+0.3	+0.6	+0.8	+1.1	+1.3	+1.6	+1.9	+2.2	+2.5	+2.9	+3.5	+4.4	Less Calving Difficulty	CEDir CEDtrs	Calving Ease	
Longer Gestation Length	+1.3	-0.5	-1.4	-1.9	-2.3	-2.6	-2.9	-3.2	-3.5	-3.7	-4.0	-4.2	-4.5	-4.8	-5.1	-5.4	-5.8	-6.3	-6.9	-7.8	-9.7	Shorter Gestation Length	GL	B	
Heavier Birth Weight	+8.2	+6.9	+6.3	+5.9	+5.6	+5.3	÷5.1	+4.9	+4.7	+4.5	‡ 4.3	<u>‡.1</u>	+3.9	+3.7	+3.5	+3.2	+3.0	+2.6	+2.3	+1.6	+0.4	Lighter Birth Weight	BW	rth	
Lighter Live Weight	+24	+ 31	+35	+37	+39	+40	<u>‡</u>	+ 42	† 43	†44 4	†45	+46	+47	+ 48	+ 48	+49	+51	+52	+54	+56	6 1	Heavier Live Weight	200		
Lighter Live Weight	+50	+60	+66	+69	+71	+74	+75	+77	+79	+80	+ 81	+83	+84	+86	+87	+89	+91	+93	+96	+100	+109	Heavier Live Weight	400		
Lighter Live Weight	+60	+77	+84	+89	+92	+95	+98	+100	+102	+104	+106	+108	+110	+113	+115	+117	+120	+123	+127	+133	+146	Heavier Live Weight	600	Growth	
Lighter Mature Weight	+43	+60	+68	+74	+77	+81	+84	+86	+89	+91	+93	+96	+98	+100	+103	+106	+109	+113	+118	+126	+142	Heavier Mature Weight	MCW		
Lighter Live Weight	ţ,	+9	+10	± <u>+</u>	+12	+13	+13	+14	+14	+15	+15	+16	+16	+17	+17	+18	+19	+19	+ 21	+22	+26	Heavier Live Weight	Milk		
Smaller Scrotal Size	-0.2	+0.5	+0.8	+1.0	+1.1	+1.3	+1.4	+1.5	+1.6	+1.7	+1.8	+1.9	+2.0	+2.1	+2.2	+2.3	+2.4	+2.6	+2.8	+3.1	+3.8	Larger Scrotal Size	SS	Fert	
Longer Time to Calving	+1.5	-0.5	-1.5	-2.1	-2.5	-2.9	-3.2	-3.5	-3.7	-4.0	-4.2	-4.5	-4.8	-5.0	5.3	-5.6	-5.9	-6.3	-6.8	-7.6	-8.9	Shorter Time to Calving	DTC	ility	
Lighter Carcase Weight	+25	+35	+42	+46	+49	+52	+54	+55	+57	+58	+60	+61	+63	+64	+65	+67	+69	+71	+73	+77	+85	Heavier Carcase Weight	CWT		PERC
Smaller EMA	-0.1	+1.4	+2.2	+2.7	+3.2	+3.6	+3.9	+4.2	+4.5	+4.8	+5.1	+5.3	+5.6	+5.9	+6.2	+6.6	+7.0	+7.4	+8.0	+9.0	+11.0	Larger EMA	EMA		ERCENTILE
Less Fat	-2.8	-1.9	-1.5	-1.2	-1.0	-0.8	-0.6	-0.4	-0.3	-0.1	+0.0	+0.2	+0.3	+0.5	+0.6	+0.8	+1.0	+1.3	+1.6	+2.1	+3.1	More Fat	RIB	Carcase	EBAN
Less Fat	-3.5	-2.4	-1.9	<u>-1</u> .5	<u>-1</u> .3	-1.0	-0.8	-0.7	-0.5	-0.3	-0.2	+0.0	+0.2	+0.4	+0.5	+0.7	+1.0	+1.2	+1.6	+2.1	±3.3	More Fat	P8	ase	BANDS TABLE
Lower Yield	-1.7	-1.0	-0.7	-0.5	-0.3	-0.2	+0.0	+0.1	+0.2	+0.3	+0.4	+0.5	+0.6	+0.8	+0.9	+1.0	±1.1	+1.3	+1.5	+1.9	+2.5	Higher Yield	RBY		BLE
Less IMF	-0.4	+0.1	+0.4	+0.6	+0.8	+1.0	+1.1	+1.3	+1.4	+1.5	+1.7	+1.8	+1.9	+2.0	+2.2	+2.3	+2.5	+2.7	+3.0	+3.3	+4.0	More IMF	IMF		
Lower Feed Efficiency	+0.84	+0.61	+0.50	+0.43	+0.38	+0.33	+0.29	+0.25	+0.21	+0.18	+0.14	+0.10	+0.06	+0.03	-0.01	-0.06	-0.10	-0.16	-0.23	-0.33	-0.52	Greater Feed Efficiency	NFI-F	Othe	
Less Docile	-20	-13	-10	-7	φ.	ώ	₽	+0	±	÷3	+4	5	+7	+ 8	+10	+12	+14	+16	+19	+24	±31	More Docile	DOC	er	
Less Sound	-35	-26	-19	-13	-9	გ	4	'n	ᅩ	÷	+ 2	÷	+4	+6	+7	+ 8	+10	±	+13	+16	+ 21	More Sound	FA		
Less Sound	-33	-26	-21	-17	-14	<u> </u>	ф	占	ယ်	ㅗ	Ţ	τ̈́	+5	+ 6	#8	+9	±	+13	+15	+18	+24	More Sound	FC	SI	
Less Sound	-29	-20	-15	-12	-9	-7	ტ	4	ယ်	-2	<u>.</u>	ţ	Ŧ	* 2	4	5	6	+7	+9	÷	+14	More Sound	RA	Structure	
Less Sound	-10.6	-5.8	4.1	-2.8	-2.1	-1.7	-1.4	-0.9	-0.5	-0.1	+0.1	+0.4	+0.8	+1.0	+1.3	+1.6	+1.9	+2.3	+2.7	+3.4	+4.6	More Sound	R		
Less Sound			-1.7																			More Sound	RS		
Lower Profitability																						Greater Profitability	ABI	Se	
Lower Profitability	+72	+87	+93	+96	+98	+101	+102	+104	+106	+107	+108	+110	+111	+113	+114	+116	+118	+120	+123	+127	+134	Greater Profitability	DOM	election	
Lower Profitability	+32	+68	+82	+89	+95	+100	+105	+108	+112	+116	+120	+123	+127	+130	+134	+138	+143	+148	+155	+164	+182	Greater Profitability	GRN	Indexes	
Lower Profitability	+63	+84	+92	+96	+99	+102	+104	+106	+108	+110	+112	+114	+115	+117	+119	+121	+124	+126	+130	+135	+144	Greater Profitability	GRS		

^{*} The percentile bands represent the distribution of EBVs across the 2017 drop Angus and Angus influenced animals analysed in the August 2019 Angus Australia BREEDPLAN genetic evaluation.



UNDERSTANDING ANGUS BREEDPLAN EBVs

What is Angus BREEDPLAN?

Angus BREEDPLAN is the genetic evaluation program adopted by Angus Australia for Angus and Angus influenced beef cattle. Angus BREEDPLAN 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).

Angus BREEDPLAN includes pedigree, performance and genomic information from the Angus Australia and New Zealand Angus Association databases to evaluate the genetics of animals across Australia and New Zealand.

Angus BREEDPLAN analyses are conducted by the Agricultural Business Research Institute (ABRI), using software developed by the Animal Genetics and Breeding Unit (AGBU), a joint institute of NSW Agriculture and the University of New England. Ongoing BREEDPLAN research and development is supported by Meat and Livestock Australia.

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).

Using EBVs to Compare the Genetics of Two Animals

Angus BREEDPLAN 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 in Australia and New Zealand.

To benchmark an animal's genetics relative to other Angus animals, an animal's EBV can be compared to:

- ♦ the breed average EBV
- ♦ the percentile table

The current breed average EBV and percentile table is provided in these explanatory notes.

Considering Accuracy

An accuracy value is published in association with each EBV, which 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 Angus BREEDPLAN EBVs

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



UNDERSTANDING ANGUS BREEDPLAN EBVs

		BIRTH	
Calving Ease Direct	(%)	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.
Calving Ease Daughters	(%)	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.
Gestation Length	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.
Birth Weight	kg	Genetic differences between animals in calf weight at birth.	Lower EBVs indicate lighter birth weight.
		GROWTH	
200 Day Growth	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 Weight	kg	Genetic differences between animals in live weight at 400 days of age.	Higher EBVs indicate heavier live weight.
600 Day Weight	kg	Genetic differences between animals in live weight at 600 days of age.	Higher EBVs indicate heavier live weight.
Mature Cow Weight	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	
Days to Calving	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.
Scrotal Size	cm	Genetic differences between animals in scrotal circumference at 400 days of age.	Higher EBVs indicate larger scrotal circumference.
		CARCASE	
Carcase Weight	kg	Genetic differences between animals in hot standard carcase weight at 750 days of age.	Higher EBVs indicate heavier carcase weight.
Eye Muscle Area	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.
Rump Fat	mm	Genetic differences between animals in fat depth at the P8 rump site in a 400 kg carcase.	Higher EBVs indicate more fat.
Retail Beef Yield	%	Genetic differences between animals in boned out saleable meat from a 400 kg carcase.	Higher EBVs indicate higher yield.
Intramuscular Fat	%	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.



UNDERSTANDING ANGUS BREEDPLAN EBVs

		FEED EFFICIENCY	
Net Feed Intake (Feedlot)	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.
		TEMPERAMENT	
Docility	%	Genetic differences between animals in temperament.	Higher EBVs indicate better temperament.
		STRUCTURE	
Front Feet Angle	%	Genetic differences between animals in desirable front feet angle (strength of pastern, depth of heel).	Higher EBVs indicate more desirable structure.
Front Feet Claw Set	%	Genetic differences between animals in desirable front feet claw set structure (shape and evenness of claw).	Higher EBVs indicate more desirable structure.
Rear Feet Angle	%	Genetic differences between animals in desirable rear feet angle (strength of pastern, depth of heel).	Higher EBVs indicate more desirable structure.
Rear Leg Hind View	%	Genetic differences between animals in desirable rear leg structure when viewed from behind.	Higher EBVs indicate more desirable structure.
Rear Leg Side View	%	Genetic differences between animals in desirable rear leg structure when viewed from the side.	Higher EBVs indicate more desirable structure.
		SELECTION INDEXES	
Angus Breeding Index		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.	Higher selection index values indicate greater profitability.
Domestic Index	т	Genetic differences between animals in net profitability per cow joined in a commercial self replacing herd targeting the domestic supermarket trade.	Higher selection index values indicate greater profitability.
Heavy Grain Index		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.	Higher selection index values indicate greater profitability.
Heavy Grass Index		Genetic differences between animals in net profitability per cow joined in a commercial self replacing herd targeting pasture finished steers.	Higher selection index values indicate greater profitability.



Lot 1 CLUDEN NEWRY P2#

Ident: THCP2

Reg Status: HBR

Calved: 15/07/2018

PATHFINDER GENESIS G357PV

Genetic Status: AMFU,CAFU,DDFU,NHFU VARGENERATION 2100PV

SIRE: SMPK22 PATHFINDER KOMPLETE K22^{SV}

DAM: THCM162 CLUDEN NEWRY FLOWER M162#

PATHFINDER EQUATOR H756#

CLUDEN NEWRY FLOWER F119#

							Augu	st 2019	Angus A	ustralia	BREED	PLAN							
Angus	CE Dir	CE Dtrs	Gest. Length	BW (kg)	200 W (kg)	400 W (kg)	600 W (kg)	MCW (kg)	Milk (kg)	SS (cm)	DtC	CWT (kg)	EMA (sq.cm)	Rib (mm)	Rump (mm)	RBY%	IMF%	NFI-F	Docility
EBV	+5.2	+3.8	-10.9	+1.0	+41	+77	+90	+63	+21	+2.2	-5.2	+61	+8.3	+3.2	+2.1	+0.2	+1.6	+0.38	+13
ACC	46%	37%	85%	73%	68%	65%	66%	62%	50%	59%	35%	55%	55%	58%	56%	52%	55%	53%	56%

Traits Observed: GL,BWT,200WT,DOC

Purchaser.....

Lot 2 CLUDEN NEWRY P4#

Ident: THCP4

Reg Status: HBR

Calved: 16/07/2018

PATHFINDER GENESIS G357PV

PATHFINDER EQUATOR H756#

Genetic Status: AMFU,CAFU,DDFU,NHFU

BASIN PAYWEIGHT 1682PV

SIRE: SMPK22 PATHFINDER KOMPLETE K22^{SV}

DAM: THCM29 CLUDEN NEWRY FLOWER M29*

CLUDEN NEWRY FLOWER K201#

							Augu	st 2019	Angus A	ustralia	BREED	PLAN							
Angus	CE Dir	CE Dtrs	Gest. Length	BW (kg)	200 W (kg)	400 W (kg)	600 W (kg)	MCW (kg)	Milk (kg)	SS (cm)	DtC	CWT (kg)	EMA (sq.cm)	Rib (mm)	Rump (mm)	RBY%	IMF%	NFI-F	Docility
EBV	+4.9	+3.6	-10.5	+1.7	+46	+85	+107	+96	+24	+2.4	-5.6	+72	+6.7	+2.7	+1.5	+0.1	+1.0	+0.17	+13
ACC	46%	36%	85%	73%	68%	65%	66%	62%	50%	59%	35%	55%	55%	59%	56%	52%	55%	52%	56%

Traits Observed: GL.BWT.200WT.DOC

| Selection Indexes | Angus | Domestic | Heavy | Grain | Grass | +\$113 | +\$111 | +\$105 | +\$115 |

Purchaser.....Lot3

CLUDEN NEWRY P48^{sv}

Ident: THCP48

Reg Status: HBR

Calved: 4/08/2018

CARABAR DOCKLANDS D62PV

Genetic Status: AMFU,CAFU,DDFU,NHFU MUSGRAVE BIG SKY*

SIRE: THCM36 CLUDEN NEWRY DOCKLANDS M36^{SV}

DAM: THCM131 CLUDEN NEWRY FLOWER M131*

CLUDEN NEWRY EGYPT H91#

CLUDEN NEWRY FLOWER J20#

							Augu	st 2019	Angus A	ustralia	BREED	PLAN							
Angus	CE Dir	CE Dtrs	Gest. Length	BW (kg)	200 W (kg)	400 W (kg)	600 W (kg)	MCW (kg)	Milk (kg)	SS (cm)	DtC	CWT (kg)	EMA (sq.cm)	Rib (mm)	Rump (mm)	RBY%	IMF%	NFI-F	Docility
EBV	-0.1	+0.4	-8.8	+5.4	+58	+100	+134	+127	+16	+1.8	-7.6	+87	+6.0	-1.3	-2.8	+1.3	+0.9	-0.11	-11
ACC	54%	40%	71%	70%	67%	65%	66%	63%	55%	60%	37%	59%	57%	61%	58%	54%	56%	49%	49%

Traits Observed: BWT,200WT,DOC,Genomics(CE,S-Step)

| Selection Indexes | Angus | Domestic | Heavy | Grain | Grass | +\$131 | +\$118 | +\$138 | +\$127 |

Purchaser.....

Lot 4

CLUDEN NEWRY P53#

Ident: THCP53

Reg Status: HBR

Calved: 4/08/2018

Genetic Status: AMFU,CAFU,DDFU,NHFU

PATHFINDER GENESIS G357PV

MUSGRAVE BIG SKY#

SIRE: SMPK22 PATHFINDER KOMPLETE K22 $^{\rm SV}$

DAM: THCL92 CLUDEN NEWRY FLOWER L92#

PATHFINDER EQUATOR H756#

CLUDEN NEWRY FLOWER H83#

							Augu	st 2019	Angus A	ustralia	BREED	PLAN							
Angus	CE Dir	CE Dtrs	Gest. Length	BW (kg)	200 W (kg)	400 W (kg)	600 W (kg)	MCW (kg)	Milk (kg)	SS (cm)	DtC	CWT (kg)	EMA (sq.cm)	Rib (mm)	Rump (mm)	RBY%	IMF%	NFI-F	Docility
EBV	+4.7	+4.4	-7.3	+0.5	+39	+76	+90	+69	+21	+1.8	-5.2	+58	+6.8	+1.7	+1.1	-0.1	+1.5	+0.37	+4
ACC	47%	38%	64%	73%	68%	65%	65%	60%	51%	59%	36%	55%	55%	59%	56%	52%	55%	53%	56%

Traits Observed: BWT,200WT,DOC

Selection Indexes

Purchaser.....



Lot 5 CLUDEN NEWRY P72sv

Ident: THCP72

Reg Status: HBR

Calved: 11/08/2018

CARABAR DOCKLANDS D62PV

Genetic Status: AMFU,CAFU,DDFU,NHFU

SYDGEN BLACK PEARL 2006PV

DAM: THCM17 CLUDEN NEWRY EGYPT M17#

SIRE: THCM36 CLUDEN NEWRY DOCKLANDS M36sv

CLUDEN NEWRY EGYPT H91#

CLUDEN NEWRY EGYPT K37#

							Augu	st 2019	Angus A	ustralia	BREED	PLAN							
Angus	CE Dir	CE Dtrs	Gest. Length	BW (kg)	200 W (kg)	400 W (kg)	600 W (kg)	MCW (kg)	Milk (kg)	SS (cm)	DtC	CWT (kg)	EMA (sq.cm)	Rib (mm)	Rump (mm)	RBY%	IMF%	NFI-F	Docility
EBV	+5.0	+4.1	-11.4	-0.4	+39	+72	+96	+60	+20	+1.2	-7.9	+61	+2.8	+1.7	+1.2	-0.9	+2.1	+0.55	-15
ACC	55%	42%	72%	71%	69%	66%	67%	65%	57%	61%	39%	60%	59%	63%	60%	56%	58%	51%	50%

Traits Observed: BWT,200WT,DOC,Genomics(CE,S-Step)

Purchaser....

Lot 6 CLUDEN NEWRY P80#

SIRE: SMPK22 PATHFINDER KOMPLETE K22^{SV}

Ident: THCP80

Reg Status: HBR

Calved: 12/08/2018

PATHFINDER GENESIS G357PV

Genetic Status: AMFU,CAFU,DDFU,NHFU KAROO 24J RIGHT TIME D107^{PV}

DAM: THCJ80 CLUDEN NEWRY CLYPTA J80#

PATHFINDER EQUATOR H756#

CLUDEN NEWRY CLYPTA E68#

							Augu	st 2019	Angus A	ustralia	BREED	PLAN							
Angus	CE Dir	CE Dtrs	Gest. Length	BW (kg)	200 W (kg)	400 W (kg)	600 W (kg)	MCW (kg)	Milk (kg)	SS (cm)	DtC	CWT (kg)	EMA (sq.cm)	Rib (mm)	Rump (mm)	RBY%	IMF%	NFI-F	Docility
EBV	+4.0	+3.1	-6.7	+1.1	+37	+72	+86	+65	+22	+2.4	-7.0	+59	+6.5	+3.3	+2.8	-0.6	+1.2	+0.55	+25
ACC	46%	36%	84%	74%	68%	66%	66%	62%	52%	60%	37%	56%	55%	58%	56%	52%	54%	53%	55%

Traits Observed: GL.BWT.200WT.DOC

| Selection Indexes | Angus | Domestic | Heavy | Grain | Grass | +\$103 | +\$105 | +\$93 | +\$106 |

Purchaser.....

Lot 7

CLUDEN NEWRY P90#

Ident: THCP90

Reg Status: HBR

Calved: 13/08/2018

PATHFINDER GENESIS G357PV

Genetic Status: AMFU,CAFU,DDFU,NHFU CONNEALY REVENUE 7392#

SIRE: SMPK22 PATHFINDER KOMPLETE K22sv

DAM: THCL27 CLUDEN NEWRY ALICE L27#

PATHFINDER EQUATOR H756#

CLUDEN NEWRY ALICE F72#

							Augu	st 2019	Angus A	ustralia	BREED	PLAN							
Angus	CE Dir	CE Dtrs	Gest. Length	BW (kg)	200 W (kg)	400 W (kg)	600 W (kg)	MCW (kg)	Milk (kg)	SS (cm)	DtC	CWT (kg)	EMA (sq.cm)	Rib (mm)	Rump (mm)	RBY%	IMF%	NFI-F	Docility
EBV	+4.0	+4.2	-7.0	+2.1	+39	+75	+90	+72	+23	+1.8	-5.1	+62	+5.8	+2.2	+1.0	-0.4	+1.8	+0.08	+0
ACC	47%	36%	84%	74%	68%	65%	65%	62%	52%	59%	36%	56%	55%	59%	56%	53%	55%	53%	56%

 $\textit{Traits Observed:} \ \mathsf{GL,BWT,} 200\mathsf{WT,} \mathsf{DOC}$

| Selection Indexes | Angus | Domestic | Heavy | Grain | Grass | +\$103 | +\$106 | +\$100 | +\$104 |

Purchaser.....

Lot 8

CLUDEN NEWRY P93#

Ident: THCP93

Reg Status: HBR

Calved: 13/08/2018

AYRVALE GENERAL G18PV

Genetic Status: AMFU,CAFU,DDFU,NHFU

MATAURI REALITY 839#

SIRE: WWEL3 ESSLEMONT LOTTO L3PV

DAM: THCK10 CLUDEN NEWRY ARAWATEA K10#

ESSLEMONT JENNY J8PV

CLUDEN NEWRY ARAWATEA H108#

							Augu	st 2019	Angus A	ustralia	BREED	PLAN							
Angus	CE Dir	CE Dtrs	Gest. Length	BW (kg)	200 W (kg)	400 W (kg)	600 W (kg)	MCW (kg)	Milk (kg)	SS (cm)	DtC	CWT (kg)	EMA (sq.cm)	Rib (mm)	Rump (mm)	RBY%	IMF%	NFI-F	Docility
EBV	+1.1	+1.8	-7.3	+3.6	+51	+95	+127	+121	+19	+3.2	-6.4	+76	+5.6	+1.2	+0.5	-0.8	+3.3	+0.53	+12
ACC	52%	40%	85%	74%	69%	66%	67%	62%	53%	62%	39%	57%	58%	60%	58%	55%	57%	55%	59%

Traits Observed: GL,BWT,200WT,DOC

Angus | Domestic | Heavy | Grain | +\$141 | +\$119 | +\$163 |

Selection Indexes

Heavy

Grass

+\$130

Purchaser.....



Lot 9 CLUDEN NEWRY P108#

Ident: THCP108

Reg Status: HBR

Calved: 14/08/2018

PATHFINDER GENESIS G357PV

Genetic Status: AMFU,CAFU,DDFU,NHFU

SIRE: SMPK22 PATHFINDER KOMPLETE K22sv

DAM: THCF171 CLUDEN NEWRY CLYPTA F171#

PATHFINDER EQUATOR H756#

CLUDEN NEWRY CLYPTA B002#

CLUDEN NEWRY ADMIRAL D47SV

							Augu	st 2019	Angus A	ustralia	BREED	PLAN							
Angus	CE Dir	CE Dtrs	Gest. Length	BW (kg)	200 W (kg)	400 W (kg)	600 W (kg)	MCW (kg)	Milk (kg)	SS (cm)	DtC	CWT (kg)	EMA (sq.cm)	Rib (mm)	Rump (mm)	RBY%	IMF%	NFI-F	Docility
EBV	+4.1	+1.9	-7.2	+1.8	+37	+71	+90	+71	+25	+1.3	-5.1	+60	+6.6	+2.1	+0.8	+0.0	+1.5	+0.48	+14
ACC	47%	37%	85%	75%	69%	66%	67%	63%	55%	59%	37%	56%	55%	59%	57%	53%	55%	52%	55%

Traits Observed: GL,BWT,200WT,DOC

Reg Status: HBR

Purchaser.....

Calved: 14/08/2018

Purchaser.....

Calved: 17/08/2018

Lot 10 CLUDEN NEWRY P109#

Genetic Status: AMFU,CAFU,DDFU,NHFU

PATHFINDER GENESIS G357PV

PATHFINDER EQUATOR H756#

KAROO 469 HINGAI A82PV

SIRE: SMPK22 PATHFINDER KOMPLETE K22sv

DAM: THCE11 CLUDEN NEWRY FLOWER E11#

Ident: THCP109

CLUDEN NEWRY FLOWER B128#

							Augu	st 2019	Angus A	ustralia	BREED	PLAN							
Angus	CE Dir	CE Dtrs	Gest. Length	BW (kg)	200 W (kg)	400 W (kg)	600 W (kg)	MCW (kg)	Milk (kg)	SS (cm)	DtC	CWT (kg)	EMA (sq.cm)	Rib (mm)	Rump (mm)	RBY%	IMF%	NFI-F	Docility
EBV	+4.0	+3.3	-6.3	+2.0	+36	+70	+89	+75	+23	+2.4	-4.9	+58	+5.8	+1.9	+1.1	-0.1	+1.3	+0.20	+4
ACC	48%	37%	85%	74%	69%	67%	67%	63%	56%	59%	37%	57%	56%	60%	57%	54%	56%	53%	54%

Traits Observed: GL.BWT.200WT.DOC

| Selection Indexes | Angus | Domestic | Heavy | Grain | Grass | +\$98 | +\$100 | +\$91 | +\$100 |

Lot 11 CLUDEN NEWRY P148*

Ident: THCP148 Reg Status: HBR

Genetic Status: AMFU,CAFU,DDFU,NHFU

CONNEALY CAPITALIST 028#

CLUDEN NEWRY EQUATOR F29sv

SIRE: USA17666102 LD CAPITALIST 316sv

DAM: THCH132 CLUDEN NEWRY ARAWATEA H132#

LD DIXIE ERICA 2053#

CLUDEN NEWRY ARAWATEA C138#

							Augu	st 2019	Angus A	ustralia	BREED	PLAN							
Angus	CE Dir	CE Dtrs	Gest. Length	BW (kg)	200 W (kg)	400 W (kg)	600 W (kg)	MCW (kg)	Milk (kg)	SS (cm)	DtC	CWT (kg)	EMA (sq.cm)	Rib (mm)	Rump (mm)	RBY%	IMF%	NFI-F	Docility
EBV	+2.0	-0.1	-3.5	+4.4	+50	+88	+117	+105	+13	+1.4	-2.6	+69	+5.7	+0.1	-0.3	+0.3	+1.7	+0.08	+4
ACC	49%	33%	84%	74%	68%	65%	63%	61%	54%	57%	33%	56%	54%	57%	54%	52%	53%	42%	54%

Traits Observed: GL,BWT,200WT,DOC

| Selection Indexes | Angus | Domestic | Heavy | Grain | Grass | +\$113 | +\$109 | +\$115 | +\$114 |

Purchaser.....Lot 12

CLUDEN NEWRY P149sv

Ident: THCP149

Reg Status: HBR

Calved: 17/08/2018

BASIN PAYWEIGHT 1682PV

 $\textbf{Genetic Status:} \, \text{AMFU,} \text{CAFU,} \text{DDFU,} \text{NHFU}$

LANDFALL DOCKLANDS J33^{SV}

SIRE: THCM26 CLUDEN NEWRY PAYWEIGHT M26sv

DAM: THCM216 CLUDEN NEWRY LASSIE M216#

CLUDEN NEWRY ALICE K5#

CLUDEN NEWRY LASSIE J30#

							Augus	st 2019	Angus A	ustralia	BREED	PLAN							
Angus	CE Dir	CE Dtrs	Gest. Length	BW (kg)	200 W (kg)	400 W (kg)	600 W (kg)	MCW (kg)	Milk (kg)	SS (cm)	DtC	CWT (kg)	EMA (sq.cm)	Rib (mm)	Rump (mm)	RBY%	IMF%	NFI-F	Docility
EBV	+0.4	+0.2	-4.4	+3.8	+52	+91	+115	+88	+20	+2.5	-4.9	+68	+5.1	-0.4	-0.1	+0.2	+1.7	+0.04	+10
ACC	50%	34%	68%	69%	66%	64%	65%	61%	51%	58%	33%	57%	55%	59%	56%	51%	54%	46%	41%

Traits Observed: BWT,200WT,DOC,Genomics(CE,S-Step)

| Selection Indexes | Angus | Domestic | Heavy | Grain | Grass | +\$116 | +\$115 | +\$116 | +\$115 |

Purchaser.....



Lot 13 **CLUDEN NEWRY P153**# **Ident: THCP153**

Reg Status: HBR

Calved: 18/08/2018

PATHFINDER GENESIS G357PV

Genetic Status: AMFU,CAFU,DDFU,NHFU TE MANIA GASKIN G555sv

SIRE: SMPK22 PATHFINDER KOMPLETE K22sv

DAM: THCK96 CLUDEN NEWRY ALICE K96#

PATHFINDER EQUATOR H756#

CLUDEN NEWRY ALICE G91#

							Augu	st 2019	Angus A	ustralia	BREED	PLAN							
Angus	CE Dir	CE Dtrs	Gest. Length	BW (kg)	200 W (kg)	400 W (kg)	600 W (kg)	MCW (kg)	Milk (kg)	SS (cm)	DtC	CWT (kg)	EMA (sq.cm)	Rib (mm)	Rump (mm)	RBY%	IMF%	NFI-F	Docility
EBV	+2.7	-0.2	-6.7	+2.7	+43	+80	+102	+79	+22	+1.6	-4.6	+69	+5.4	+1.8	+0.8	-0.5	+2.4	+0.15	+20
ACC	48%	39%	84%	74%	68%	66%	66%	62%	53%	61%	39%	57%	56%	59%	57%	53%	56%	55%	57%

Traits Observed: GL,BWT,200WT,DOC

Selection Indexes Angus Heavy Heavy Domestic Breeding Grain Grass +\$111 +\$107 +\$115 +\$109

Lot 14 **CLUDEN NEWRY P156**#

Ident: THCP156

Reg Status: HBR

Calved: 19/08/2018

Purchaser....

MATAURI REALITY 839#

ABERDEEN ESTATE LAURA J81PV

Genetic Status: AMFU,CAFU,DDFU,NHFU

SYDGEN BLACK PEARL 2006PV

SIRE: NBHL348 CLUNIE RANGE LEGEND L348PV

DAM: THCL86 CLUDEN NEWRY ARAWATEA L86#

CLUDEN NEWRY ARAWATEA G126#

							Augu	st 2019	Angus A	ustralia	BREED	PLAN							
Angus	CE Dir	CE Dtrs	Gest. Length	BW (kg)	200 W (kg)	400 W (kg)	600 W (kg)	MCW (kg)	Milk (kg)	SS (cm)	DtC	CWT (kg)	EMA (sq.cm)	Rib (mm)	Rump (mm)	RBY%	IMF%	NFI-F	Docility
EBV	+0.1	+3.7	-5.0	+3.7	+48	+86	+110	+108	+13	+2.3	-6.4	+64	+3.9	+1.4	-0.2	-0.5	+2.1	+0.33	-4
ACC	50%	39%	84%	74%	68%	64%	65%	62%	52%	60%	37%	55%	55%	58%	56%	52%	54%	51%	55%

Traits Observed: GL.BWT.200WT.DOC

Selection Indexes Angus Heavy Breeding Grain Grass +\$116 +\$108 +\$123 +\$111

Lot 15 **CLUDEN NEWRY P166**#

Ident: THCP166

Reg Status: APR

Calved: 19/08/2018

Purchaser.....

TC FRANKLIN 619#

Genetic Status: AMFU,CAFU,DDFU,NHFU MATAURI REALITY 839#

SIRE: NWPG188 WATTLETOP FRANKLIN G188sv WATTLETOP BARUNAH E295^{DV} DAM: THCL185 CLUDEN NEWRY EGYPT L185#

CLUDEN NEWRY EGYPT D80#

							Augu	st 2019	Angus A	ustralia	BREED	PLAN							
Angus	CE Dir	CE Dtrs	Gest. Length	BW (kg)	200 W (kg)	400 W (kg)	600 W (kg)	MCW (kg)	Milk (kg)	SS (cm)	DtC	CWT (kg)	EMA (sq.cm)	Rib (mm)	Rump (mm)	RBY%	IMF%	NFI-F	Docility
EBV	+4.6	+4.9	-4.3	+1.4	+48	+90	+111	+86	+17	+3.0	-5.1	+61	+3.4	+1.4	+0.7	-0.9	+1.6	-0.20	+4
ACC	53%	48%	84%	74%	68%	66%	66%	64%	58%	62%	41%	61%	60%	63%	60%	57%	59%	54%	56%

Traits Observed: GL,BWT,200WT,DOC

Selection Indexes Heavy Heavy Breeding Grain Grass +\$115 +\$114 +\$112 +\$116

Purchaser

CLUDEN NEWRY P174#

Ident: THCP174

Reg Status: HBR

Calved: 19/08/2018

Lot 16

Genetic Status: AMFU,CAFU,DDFU,NHFU

CARABAR DOCKLANDS D62PV

SIRE: WWEL3 ESSLEMONT LOTTO L3PV

DAM: THCK67 CLUDEN NEWRY FLOWER K67#

ESSLEMONT JENNY J8PV

AYRVALE GENERAL G18PV

CLUDEN NEWRY FLOWER A110#

							Augu	st 2019	Angus A	ustralia	BREED	PLAN							
Angus	CE Dir	CE Dtrs	Gest. Length	BW (kg)	200 W (kg)	400 W (kg)	600 W (kg)	MCW (kg)	Milk (kg)	SS (cm)	DtC	CWT (kg)	EMA (sq.cm)	Rib (mm)	Rump (mm)	RBY%	IMF%	NFI-F	Docility
EBV	-1.4	-1.5	-5.2	+4.3	+48	+84	+110	+84	+17	+2.5	-5.9	+70	+6.8	-0.1	-0.6	+0.3	+2.7	+0.34	+8
ACC	53%	41%	85%	74%	69%	66%	66%	63%	54%	62%	40%	57%	58%	61%	59%	55%	58%	55%	58%

Traits Observed: GL,BWT,200WT,DOC

Angus Heavy Heavy **Domestic** Breeding Grass Grain +\$123 +\$111 +\$135 +\$116

Selection Indexes

Purchaser.....



Lot 17 CLUDEN NEWRY P175#

Ident: THCP175

Reg Status: HBR

Calved: 19/08/2018

PATHFINDER GENESIS G357PV

Genetic Status: AMFU,CAFU,DDFU,NHFU

SIRE: SMPK22 PATHFINDER KOMPLETE K22sv

DAM: THCL125 CLUDEN NEWRY FLOWER L125#

PATHFINDER EQUATOR H756#

CLUDEN NEWRY FLOWER J32#

CLUDEN NEWRY REGENT J45sv

							Augu	st 2019	Angus A	ustralia	BREED	PLAN							
Angus	CE Dir	CE Dtrs	Gest. Length	BW (kg)	200 W (kg)	400 W (kg)	600 W (kg)	MCW (kg)	Milk (kg)	SS (cm)	DtC	CWT (kg)	EMA (sq.cm)	Rib (mm)	Rump (mm)	RBY%	IMF%	NFI-F	Docility
EBV	+1.9	+0.4	-4.4	+3.9	+46	+85	+105	+89	+22	+2.4	-5.6	+71	+7.6	+2.4	+1.3	+0.0	+1.7	+0.24	+19
ACC	45%	35%	84%	73%	67%	64%	65%	61%	50%	57%	36%	54%	53%	57%	55%	51%	53%	51%	55%

Traits Observed: GL,BWT,200WT,DOC

Purchaser.....

Lot 18 CLUDEN NEWRY P219^{sv}

Ident: THCP219

Reg Status: HBR

Calved: 4/09/2018

CLUDEN NEWRY REALITY K20sv

CLUDEN NEWRY LASSIE K131#

Genetic Status: AMFU,CAFU,DDFU,NHFU

BASIN PAYWEIGHT 1682^{PV}

SIRE: THCM205 CLUDEN NEWRY M205^{sv}

DAM: THCM32 CLUDEN NEWRY FLOWER M32#

CLUDEN NEWRY FLOWER K67#

							Augu	st 2019	Angus A	ustralia	BREED	PLAN							
Angus	CE Dir	CE Dtrs	Gest. Length	BW (kg)	200 W (kg)	400 W (kg)	600 W (kg)	MCW (kg)	Milk (kg)	SS (cm)	DtC	CWT (kg)	EMA (sq.cm)	Rib (mm)	Rump (mm)	RBY%	IMF%	NFI-F	Docility
EBV	+2.3	+1.3	-5.4	+3.1	+46	+83	+104	+72	+19	+1.3	-4.9	+66	+3.5	+0.1	-0.5	-0.3	+1.9	+0.24	-10
ACC	51%	35%	69%	68%	67%	64%	65%	62%	52%	58%	33%	57%	55%	60%	56%	52%	54%	46%	45%

Traits Observed: BWT,200WT,DOC,Genomics(CE,S-Step)

Purchaser...... Lot 19

CLUDEN NEWRY P222sv

Ident: THCP222

Reg Status: HBR

Calved: 4/09/2018

SYDGEN BLACK PEARL 2006PV

Genetic Status: AMFU,CAFU,DDF,NHFU

DAM T

BOOROOMOOKA DULCIFY D98^{PV}

DAM: THCH2 CLUDEN NEWRY ALICE H2[#]

SIRE: THCM109 CLUDEN NEWRY BLACK PEARL M109^{SV}
CLUDEN NEWRY EGYPT J246[#]

CLUDEN NEWRY ALICE F210#

							Augu	st 2019	Angus A	ustralia	BREED	PLAN							
Angus	CE Dir	CE Dtrs	Gest. Length	BW (kg)	200 W (kg)	400 W (kg)	600 W (kg)	MCW (kg)	Milk (kg)	SS (cm)	DtC	CWT (kg)	EMA (sq.cm)	Rib (mm)	Rump (mm)	RBY%	IMF%	NFI-F	Docility
EBV	+1.8	+3.8	-9.9	+3.9	+51	+89	+122	+104	+13	+1.2	-3.6	+71	+2.5	-0.8	-2.4	+0.3	+1.9	-0.16	-2
ACC	54%	38%	71%	71%	67%	65%	66%	63%	56%	60%	35%	58%	56%	61%	57%	53%	56%	47%	48%

Traits Observed: BWT,200WT,DOC,Genomics(CE,S-Step)

Purchaser.....

Lot 20

CLUDEN NEWRY P232sv

Ident: THCP232

Reg Status: HBR

Calved: 6/09/2018

MUSGRAVE BIG SKY#

 $\textbf{Genetic Status:} \ \mathsf{AMFU,\!CAFU,\!DDFU,\!NHFU}$

MATAURI REALITY 839#

SIRE: THCM87 CLUDEN NEWRY BIG SKY M87sv

DAM: THCM25 CLUDEN NEWRY ALICE M25#

CLUDEN NEWRY ALICE F92^{SV}

CLUDEN NEWRY ALICE K203#

							Augu	st 2019	Angus A	ustralia	BREED	PLAN							
Angus	CE Dir	CE Dtrs	Gest. Length	BW (kg)	200 W (kg)	400 W (kg)	600 W (kg)	MCW (kg)	Milk (kg)	SS (cm)	DtC	CWT (kg)	EMA (sq.cm)	Rib (mm)	Rump (mm)	RBY%	IMF%	NFI-F	Docility
EBV	+3.5	+4.2	-3.5	+2.4	+49	+89	+117	+96	+16	+2.7	-8.4	+61	+3.2	+1.7	+1.5	-0.5	+0.8	+0.44	-1
ACC	54%	40%	71%	68%	67%	65%	66%	63%	54%	59%	37%	58%	56%	60%	57%	53%	56%	48%	47%

Traits Observed: BWT,200WT,DOC,Genomics(CE,S-Step)

| Selection Indexes | Angus | Domestic | Heavy | Grain | Grass | +\$125 | +\$115 | +\$121 | +\$125 |

Purchaser.....



Lot 21 **CLUDEN NEWRY P234sv** **Ident: THCP234**

Reg Status: HBR

Calved: 6/09/2018

SYDGEN BLACK PEARL 2006PV

Genetic Status: AMFU,CAFU,DDFU,NHFU

SIRE: THCM109 CLUDEN NEWRY BLACK PEARL M109sv

DAM: THCG15 CLUDEN NEWRY CLYPTA G15#

CLUDEN NEWRY EGYPT J246#

CLUDEN NEWRY CLYPTA E23#

BOOROOMOOKA DULCIFY D98PV

							Augus	st 2019	Angus A	ustralia	BREED	PLAN							
Angus	CE Dir	CE Dtrs	Gest. Length	BW (kg)	200 W (kg)	400 W (kg)	600 W (kg)	MCW (kg)	Milk (kg)	SS (cm)	DtC	CWT (kg)	EMA (sq.cm)	Rib (mm)	Rump (mm)	RBY%	IMF%	NFI-F	Docility
EBV	+0.7	+3.0	-4.6	+3.2	+47	+85	+111	+88	+19	+2.0	-5.5	+64	+2.3	+0.5	-0.6	-0.7	+2.4	+0.34	-
ACC	55%	40%	71%	71%	68%	66%	67%	64%	58%	61%	37%	59%	57%	61%	58%	54%	56%	48%	-

Traits Observed: BWT,200WT,Genomics(CE,S-Step)

Selection Indexes Angus Heavy Heavy Domestic Breeding Grain Grass +\$115 +\$107 +\$123 +\$111

Purchaser....

Lot 22 **CLUDEN NEWRY P235**#

Ident: THCP235

Reg Status: HBR

Calved: 6/09/2018

COONAMBLE ELEVATOR E11PV

Genetic Status: AMFU,CAFU,DDFU,NHFU RENNYLEA EDMUND E11PV

SIRE: THCL61 CLUDEN NEWRY ELEVATOR L61PV CLUDEN NEWRY ALICE F92SV

DAM: THCL26 CLUDEN NEWRY L26#

CLUDEN NEWRY J143#

							Augu	st 2019	Angus A	ustralia	BREED	PLAN							
Angus	CE Dir	CE Dtrs	Gest. Length	BW (kg)	200 W (kg)	400 W (kg)	600 W (kg)	MCW (kg)	Milk (kg)	SS (cm)	DtC	CWT (kg)	EMA (sq.cm)	Rib (mm)	Rump (mm)	RBY%	IMF%	NFI-F	Docility
EBV	+0.9	-0.2	-5.0	+4.3	+52	+99	+133	+127	+19	+2.2	-6.1	+78	+6.1	-0.1	-0.5	+0.7	+2.1	+0.17	+24
ACC	46%	39%	63%	73%	66%	62%	62%	61%	53%	56%	40%	56%	53%	57%	55%	52%	53%	47%	55%

Traits Observed: BWT.200WT.DOC

Selection Indexes Angus Heavy Heavy Breeding Grain Grass +\$141 +\$122 +\$157 +\$133

Lot 23 **CLUDEN NEWRY P249sv** **Ident: THCP249**

Reg Status: HBR

Calved: 9/09/2018

Purchaser.....

MUSGRAVE BIG SKY#

SIRE: THCM59 CLUDEN NEWRY BIG SKY M59sv

Genetic Status: AMFU,CAFU,DDFU,NHFU

DAM: THCK245 CLUDEN NEWRY EGYPT K245#

CLUDEN NEWRY CLYPTA E68#

CLUDEN NEWRY EGYPT G9#

CLUDEN NEWRY ANDY H48SV

							Augu	st 2019	Angus A	ustralia	BREED	PLAN							
Angus	CE Dir	CE Dtrs	Gest. Length	BW (kg)	200 W (kg)	400 W (kg)	600 W (kg)	MCW (kg)	Milk (kg)	SS (cm)	DtC	CWT (kg)	EMA (sq.cm)	Rib (mm)	Rump (mm)	RBY%	IMF%	NFI-F	Docility
EBV	-2.7	+1.0	-4.4	+4.3	+49	+90	+109	+92	+18	+2.9	-6.3	+61	+5.3	-1.2	-1.2	+0.6	+1.3	+0.31	+21
ACC	53%	37%	69%	71%	68%	65%	66%	63%	55%	60%	34%	58%	55%	60%	57%	52%	55%	47%	49%

Traits Observed: BWT,200WT,DOC,Genomics(CE,S-Step)

Selection Indexes Angus Heavy Heavy Breeding Grain Grass +\$107 +\$108 +\$107 +\$106

Purchaser

Lot 24

Purchaser.....

CLUDEN NEWRY P253sv

Ident: THCP253

Reg Status: HBR

Calved: 10/09/2018

SYDGEN BLACK PEARL 2006PV

Genetic Status: AMFU,CAFU,DDFU,NHFU

TUWHARETOA D143PV

SIRE: THCM109 CLUDEN NEWRY BLACK PEARL M109sv

DAM: THCK130 CLUDEN NEWRY BASIN K130#

CLUDEN NEWRY EGYPT J246#

CLUDEN NEWRY BASIN E43#

							Augu	st 2019	Angus A	ustralia	BREED	PLAN							
Angus	CE Dir	CE Dtrs	Gest. Length	BW (kg)	200 W (kg)	400 W (kg)	600 W (kg)	MCW (kg)	Milk (kg)	SS (cm)	DtC	CWT (kg)	EMA (sq.cm)	Rib (mm)	Rump (mm)	RBY%	IMF%	NFI-F	Docility
EBV	-0.8	+1.2	-7.6	+5.2	+48	+85	+127	+124	+16	+1.3	-4.9	+74	+4.1	-1.5	-2.4	+0.8	+1.9	+0.46	+12
ACC	54%	39%	68%	71%	68%	65%	65%	61%	54%	60%	36%	58%	56%	60%	57%	53%	55%	48%	48%

Traits Observed: BWT,DOC,Genomics(CE,S-Step)

Angus Heavy Heavy **Domestic** Breeding Grain Grass +\$123 +\$104 +\$137 +\$116

Selection Indexes



Lot 25 CLUDEN NEWRY P260^{sv}

Ident: THCP260

Reg Status: HBR

Calved: 13/09/2018

MUSGRAVE BIG SKY#

Genetic Status: AMFU,CAFU,DDFU,NHFU

MATAURI REALITY 839#

CLUDEN NEWRY ALICE K68#

SIRE: THCM87 CLUDEN NEWRY BIG SKY M87^{SV}

DAM: THCM12 CLUDEN NEWRY ALICE M12#

CLUDEN NEWRY ALICE F92SV

							Augu	st 2019	Angus A	ustralia	BREED	PLAN							
Angus	CE Dir	CEDtrs	Gest. Length	BW (kg)	200 W (kg)	400 W (kg)	600 W (kg)	MCW (kg)	Milk (kg)	SS (cm)	DtC	CWT (kg)	EMA (sq.cm)	Rib (mm)	Rump (mm)	RBY%	IMF%	NFI-F	Docility
EBV	+1.4	+2.7	-3.2	+4.0	+43	+71	+86	+75	+8	+2.1	-5.9	+51	+5.9	+1.7	+1.4	-0.3	+1.8	+0.52	+15
ACC	54%	40%	71%	68%	67%	65%	66%	63%	55%	60%	38%	58%	56%	60%	57%	53%	56%	49%	48%

Traits Observed: BWT,200WT,DOC,Genomics(CE,S-Step)

 Selection Indexes

 Angus Breeding
 Domestic
 Heavy Grain
 Heavy Grass

 +\$103
 +\$105
 +\$100
 +\$103

Purchaser...

Lot 26 CLUDEN NEWRY P290sv

Ident: THCP290

Reg Status: HBR

Calved: 29/09/2018

MUSGRAVE BIG SKY#

CLUDEN NEWRY CLYPTA E68#

Genetic Status: AMFU,CAFU,DDFU,NHFU

TUWHARETOA REGENT D145PV

SIRE: THCM59 CLUDEN NEWRY BIG SKY M59sv

DAM: THCJ71 CLUDEN NEWRY ALICE J71#

CLUDEN NEWRY ALICE F92SV

							Augu	st 2019	Angus A	ustralia	BREED	PLAN							
Angus	CE Dir	CEDtrs	Gest. Length	BW (kg)	200 W (kg)	400 W (kg)	600 W (kg)	MCW (kg)	Milk (kg)	SS (cm)	DtC	CWT (kg)	EMA (sq.cm)	Rib (mm)	Rump (mm)	RBY%	IMF%	NFI-F	Docility
EBV	-1.1	+0.0	-4.3	+3.8	+46	+79	+95	+76	+16	+2.1	-7.2	+65	+8.5	+0.4	-0.2	+0.6	+2.3	+0.72	+19
ACC	45%	40%	65%	71%	64%	61%	61%	60%	53%	55%	39%	54%	52%	56%	53%	50%	52%	46%	52%

Traits Observed: BWT,200WT,DOC

Reg Status: HBR

Purchaser

Ident: THCP298

Lot 27 CLUDEN NEWRY P298^{sv}

-

Calved: 2/10/2018

Genetic Status: AMFU,CAFU,DDFU,NHFU
TE MANIA GASKIN G555^{SV}

BOOROOMOOKA HYPERNO H605^{PV}
SIRE: THCM171 CLUDEN NEWRY HYPERNO M171^{SV}

DAM: THCK146 CLUDEN NEWRY LASSIE K146#

CLUDEN NEWRY ARAWATEA D40#

CLUDEN NEWRY LASSIE D197#

							Augus	st 2019 /	Angus A	ustralia	BREED	PLAN							
Angus	CE Dir	CEDtrs	Gest. Length	BW (kg)	200 W (kg)	400 W (kg)	600 W (kg)	MCW (kg)	Milk (kg)	SS (cm)	DtC	CWT (kg)	EMA (sq.cm)	Rib (mm)	Rump (mm)	RBY%	IMF%	NFI-F	Docility
EBV	-2.4	-3.0	-3.8	+4.3	+40	+74	+103	+70	+20	+1.4	-3.8	+60	+4.2	+1.1	+1.5	+0.0	+1.7	+0.20	-5
ACC	54%	39%	69%	70%	67%	65%	66%	63%	56%	60%	38%	59%	57%	61%	58%	55%	57%	50%	49%

Traits Observed: BWT,200WT,DOC,Genomics(CE,S-Step)

Angus Breeding Domestic Heavy Grain

Selection Indexes

Heavy

Grass

+\$101

Purchaser...

Top 20%

GUARANTEE

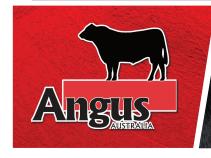
Cluden Newry stands by its bulls. All bulls sold by Cluden Newry are sound and fertile to the best of our knowledge. If an animal becomes infertile or breaks down due to reasons other than injury or misadventure within 2 years from the date of purchase, we will:

- 0- 12 months from the date of purchase:
 - Provide you with a replacement bull, agreed upon by both parties, or
 - Issue you with a credit equal to the purchase price less the salvage value
- 12-24 months from the date of purchase:
 - 1. Issue you with a credit equal to the 50% of the purchase price, less the salvage value

All claims are to be accompanied by a certificate from a registered veterinarian.

13





BRINGING YOUR MEM 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.

PURCHASE

DELIVERY Managing older Herd Bull

AFTER PURCHASE TIPS

DURING MATING

ARRIVAL

MATING NEW YOUNG BULLS
NORTHERN AUSTRALIA





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 guickly 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.

MATING NEW YOUNG 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 straight-bred 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

They 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 males are more susceptible to ticks than females.

Information is provided by the Department of Primary Industries NSW. For further information visit the DPI web site: www.dpi.nsw.gov.au. or www.angusaustralia.com. au. Further reading - Buying Angus Bulls

FOR FURTHER INFORMATION VISIT www.angusaustralia.com.au

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DISCLAIMER AND PRIVACY INFORMATION



IMPORTANT NOTICES FOR PURCHASERS

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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 are as follows:

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 yet been conducted

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

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from member(name) do <u>not</u> 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.
Name: Signature:
Date:
Please forward this completed consent form to Angus Australia, 86 Glen Innes Road, Armidale NSW 2350.

If you have any questions or queries regarding any of the above, please contact Angus Australia on (02) 6773 4600 or email office@angusaustralia.com.au

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