

★ BLACK GOLD ★

Granite Ridge

ANGUS STUD

★ ★ ★ ★ ★



BJS

*Stud Sire
Prospect*

Lot 25 Granite Ridge Nighthood N61

SALE: 8 Feb 2019 at 12PM

ROCK SOLID GENETICS

WWW.GRANITERIDGEANGUS.COM.AU





We welcome you to our 12th on Property Bull Sale

We are so proud of the 80 bulls that we are to sell at our Annual Bull Sale to be held on Friday 8th February 2019 at 12PM.

Granite Ridge believes that their breeding program of careful mating selections is now paying huge dividends, giving our bull team, the consistency we have been working towards – a line of bulls that impress from beginning to end and a herd of cows, anyone of which could produce the top bull.

We have an exciting representation of outstanding sires, some that have been featured before and some new. Jagger, again has produced some extra special sons, who consistently have strong growth, with added softness and thickness, in a package that is born early and easily. Lot 10 is a powerful Jagger son.

The sons of Rennylea K447, purchased in 2016, have not disappointed. They are long and good footed, with a smooth coat and strong proud stance. K447 brings plenty of Growth, Carcase weight and positive fat to his offspring. A very desirable mixture which covers all Dollar Indexes. Check out Lot 1 out of a Quiet Lad, Wilcoola daughter and Lot 48 out of a GPS, Quiet daughter.

The first sons of Granite Ridge Kaiser K26 selling, and there are some sensational Lots, including Lot 25, out of a Dream

daughter sired by CC & 7. The excellent skin type makes the Kaiser cattle standout, being so easy on the eye. Kaiser has a quality offering.

Lot 7 is a standout MM Tex K51 son, out of a powerful Martina cow. He has that extra grunt. Other sires I want to mention, MM Doc F159 another powerhouse sire, all his sons follow after their father, Lots 8 and 31 are stand-outs.

The last Foe son, Noble N248, sells at Lot 77, he is neat and correct, with strong growth and Carcase Weight.

There are a number of Granite Ridge bred sires featured, GR J23 a Regent son, GR K66 and GR L103 are TC Aberdeen sons, both of which have some top Lots.

Other sires to look for include Texas ALL Black, Western Express K524 and Kingsley K523.

We feel it is very important when selecting a bull, to look at the EBV's as a guide based on a computer program, but most importantly look at the bull himself, making sure that the animal reflects those figures.

**“There is value for Money in
Granite Ridge Bulls, backed by
the Granite Ridge Guarantee”**

We wish each of you a successful result in the purchase of the bull of your choice and hope that the partnership that begins with that purchase reaps many rewards for you and your family.

12th BULL SALE

Friday, 8 February 2019 at 12pm

FIELD DAY : Tuesday, 4 February

80 HBR BULLS



Settling Agents



Southern Australian Livestock
Wayne Hall 0477 064 407

Guest Auctioneer



Glasser Total Sales Management
Michael Glasser 0403 526 702

SALE TO BE INTERFACED BY



Commissions and Rebates

BULLS

6% commission will be paid to any Agent Introducing a client 24 hours before the Sale Day and settling within 7 days.

2% commission will be paid to Agents for unIntroduced clients settling within 7 days.

AGENTS PLEASE NOTE:

All introductions to be made to Colin Flanagan:
Phone : 08 8768 8018
Email : pat@graniteridgeangus.com.au

CONTACT US

Granite Ridge Angus
Colin Flanagan & Patricia Ebert
Post: PMB 236, Kingston SE, SA, 5275
Email: pat@graniteridgeangus.com.au
Ph: 08 8768 8018

Follow us on Facebook and Instagram : [graniteridgeangus](https://www.facebook.com/graniteridgeangus)

REFERENCE SIRE SUMMARY

Animal	MID DECEMBER 2019 ANGUS Australia BREEDPLAN																INDEX			
	Calve Ease Dir	Calve Ease Dtrs	Gest Lth Days	B. Wt. (kg)	200 Day Wt. (kg)	400 Day Wt. (kg)	600 Day Wt. (kg)	Mat. Cow Wt. (kg)	Milk (kg)	SS cm	Car. Wt. kg	EMA (sq cm)	Rib Fat mm	P8 Fat mm	RBV	IMF %	ABI	DI	HGI	HGI
Ayrvale Jagger J12 HIOJ12	+3.4	+3.1	-9.0	+5.2	+64	+113	+160	+162	+24	+2.7	+86	+6.8	-1.3	-1.9	+1.3	+1.9	\$155	\$130	\$174	\$147
	78%	65%	96%	94%	91%	90%	91%	82%	76%	86%	86%	77%	79%	77%	73%	76%				
Rennylea K447 NORK447	+4.1	+2.2	-9.9	+5.5	+55	+93	+129	+138	+7	+2.7	+80	+6.4	+3.2	+2.2	-0.2	+2.9	\$165	\$130	\$190	\$148
	76%	61%	95%	93%	90%	88%	90%	81%	70%	86%	64%	76%	78%	77%	73%	75%				
Granite Ridge Kaiser K26 SJKK26	+1.9	+0.8	-6.4	+5.2	+60	+106	+147	+124	+24	+2.3	+84	+8.7	+0.6	-0.7	+0.7	+2.0	\$154	\$129	\$169	\$147
	73%	51%	98%	97%	94%	94%	93%	82%	68%	93%	77%	81%	81%	80%	74%	78%				
Millah Murrah Doc F159 MMNF159	-7.4	-1.3	-6.1	+6.8	+58	+112	+151	+136	+31	+2.6	+91	+3.5	+2.1	+2.8	-0.5	+1.4	\$124	\$105	\$128	\$122
	86%	76%	98%	97%	96%	96%	95%	93%	92%	94%	90%	89%	91%	89%	86%	88%				
Granite Ridge Kalahari K66 SJKK66	+2.1	+3.1	-4.1	+5.1	+56	+1.9	+160	+131	+23	+1.9	+77	+3.3	-2.6	-2.7	+0.3	+1.7	\$139	\$118	\$152	\$137
	75%	63%	76%	90%	86%	87%	87%	80%	72%	83%	76%	75%	76%	75%	71%	72%				
Millah Murrah Tex K51 NMMK51	+1.7	+0.7	-3.5	+4.2	+44	+84	+122	+101	+15	+4.3	+60	+1.1	-1.2	-0.7	+0.6	+0.7	\$114	\$107	\$115	\$112
	71%	56%	92%	91%	87%	85%	86%	79%	68%	81%	75%	73%	76%	74%	71%	72%				
Granite Ridge Jackpot J23 SJKJ23	+0.8	-4.8	-6.7	+4.2	+42	+80	+115	+95	+24	-0.4	+81	+5.3	+1.1	+0.1	-1.2	+3.7	\$120	\$99	\$140	\$111
	75%	65%	95%	93%	89%	89%	90%	81%	75%	86%	78%	76%	78%	77%	73%	74%				
Texas Western Express K524 DXTK524	+1.5	-0.4	-7.9	+5.8	+56	+100	+145	+151	+15	+3.5	+73	+1.4	-1.0	+0.5	+0.2	+1.6	\$134	\$112	\$145	\$129
	69%	51%	74%	87%	84%	83%	82%	76%	69%	77%	73%	67%	69%	68%	64%	65%				
A A R Ten X 7008 S A USA15719841	+2.9	+3.8	-5.1	+2.6	+56	+101	+131	+88	+18	+2.3	+77	+5.6	-2.4	-3.5	+2.0	+1.7	\$143	\$134	\$153	\$139
	93%	84%	99%	98%	98%	98%	98%	96%	96%	97%	94%	93%	93%	92%	90%	92%				
Texas All Black J600 DXTJ600	+1.7	+1.4	-6.3	+4.4	+47	+80	+116	+93	+18	+0.7	+68	+1.5	-0.1	+0.2	-1.3	+2.2	\$103	\$94	\$104	\$104
	70%	54%	92%	91%	86%	87%	87%	79%	70%	84%	75%	73%	74%	74%	69%	70%				

Lot 8 Granite Ridge Nero N151



Lot 5 Granite Ridge Nuclear N76



Lot 26 Granite Ridge Nonchalant N231



CHECKLIST

Sale Date and Prior Inspection Time

Selling will commence at 12pm on Friday 8th February 2019. All Sale Lots can be inspected on the Field Day which is Monday 4th February or on the morning of the sale from 10am. At any other time by arrangement with Colin Flanagan - 08 8768 8018.

Phone Bidding

Phone bidding can be arranged prior to the sale by contacting SAL's Wayne Hall (SAL) 0477 064 407 or Colin Flanagan 08 8768 8018.

Selling System

Sale of animals will be conducted under normal auction conditions. All animals are sold exclusive of GST.

BULLS: Each bull will be sold as a separate Lot.

Bull Rebate

A 6.0% rebate is offered to all outside agents introducing their Bull Buying Customers to Colin Flanagan 24 hours before Sale day and settling in 7 days.

Phone : 08 8768 8018

Email : pat@graniteridgeangus.com.au

This will be strictly policed.

Insurance

All cattle are at the purchasers' risk from the fall of the hammer. Insurance Agent will be available on sale day to organise any insurance requirements.

Delivery

Granite Ridge offers free delivery for all bulls within a 200km radius. Arrangements must be made on the day of the sale by filling in the Buyers Instruction sheet and handing it to an Agent.

Registration

All Bulls are HBR Registered with Angus Australia. The vendor will transfer each bull to the new owner, so please supply the correct information on the Buyers Instruction Sheet.

Scanning

Bulls were scanned by Max Bowman Livestock (Accreditation No. 1026) on 8th November 2018.

Health

Granite Ridge Angus is LPA Accredited and J BAS 8.

Our herd has been Faeces tested free for Johnes.

Bulls have been 7 in 1 Vaccinated.

Bulls have been Vibrax vaccinated.

Bulls have been vaccinated for Pestivirus.

Bulls have been ear notch tested free of Pestivirus.

Bulls have been treated with Epricare Pour on.

Breeding Soundness

All bulls have undergone a thorough examination by Drew Pickford of Nationwide AB on 18th December 2018, including semen testing.

Contemporary Groups and their Feed

The bulls have been run in contemporary groups on dry and irrigated pastures, including Lucerne, rye grass and grazing oats during the winter, being subsidised with hay & straw.

The bulls have been finished off with a supplementary feed.

Recessive Genetic Conditions

All Sale bulls are free from AM, NH, CA, & DD either by pedigree or by testing.

Catering

Refreshments available on sale day with the compliments of Granite Ridge Angus. All are invited to remain for a bbq and drinks following the sale.

Accommodation

Kingston SE has various accommodation options, both Motel and Hotel. Naracoorte and Millicent are other options within easy driving distance. Kingston 20 minutes, Naracoorte 40 minutes and Millicent an hour and 10 minutes.

Caring for your New Bull

On arrival at their new home it is important that you have a suitable mob of animals to greet the bull to minimize the bulls stress. Remember they are leaving the security of a large mob and will be arriving in unfamiliar surroundings. Steers or pregnant cows would be suitable, certainly not other bulls.

Bulls are in good working condition at point of sale, but good nutrition for the bull during the joining period is imperative as this equates to good joining results. Check regularly that the bulls are working to detect any problems early, therefore minimizing damage to the bull and to conception rates.

Warranty

All bulls have been independently evaluated for structural soundness and fertility. To the best of our knowledge the bulls are all in sound working condition at the time of sale.

If, during the next 12 months, a bull becomes infertile or breaks down, provided it is not caused by injury or disease contracted after leaving Granite Ridge, (a veterinary certificate may be required) we will:

a) replace the bull with as close a match as possible (excluding any costs and expenses of the purchaser taking delivery);or

b) grant a full credit (less any salvage value) for any purchase at Granite Ridge's next sale.

Health & Safety of Visitors

Our bulls are bred to work not for showing so they need to be shown respect.

Under normal conditions they are quiet to handle, however even the quietest bull is in fact an unpredictable animal so be alert.

Do not crowd the bulls or loiter inside pens unnecessarily. Please call on an escort through the bulls if required.

**VISITORS ENTER THE CATTLE PENS
AT THEIR OWN RISK.
NO CHILDREN ALLOWED IN PENS.**



2018 SALE





UNDERSTANDING 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, carcass, 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 carcass 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 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, carcass merit, feed efficiency and structural soundness. A description of each EBV included in this sale catalogue is provided on the following pages.

MID DECEMBER 2018 BREEDPLAN REFERENCE TABLE

BREED AVERAGE EBVs																													
Brd Avg	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-P	NFI-F	DOC	FA	FC	RA	RH	RS	ABI	DOM	GRN	GRS
	+0.0	+0.2	-3.9	+4.3	+43	+79	+103	+89	+15	+1.7	-4.1	+57	+4.9	+0.0	-0.2	+0.4	+1.6	+0.10	+0.16	+5	+0	-2	-2	-0.6	-0.2	+110	+106	+114	+108

* Breed average represents the average EBV of all 2016 drop Angus and Angus influenced animals analysed in the Mid December 2018 Angus Australia BREEDPLAN genetic evaluation.

PERCENTILE BANDS TABLE																													
% Band	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-P	NFI-F	DOC	FA	FC	RA	RH	RS	ABI	DOM	GRN	GRS
1%	+5.0	+4.5	-9.5	+0.6	+59	+106	+142	+137	+25	+3.8	-8.9	+83	+10.7	+3.1	+3.2	+2.6	+3.9	-0.38	-0.50	+32	+19	+22	+14	+4.1	+0.6	+152	+132	+176	+141
5%	+3.9	+3.5	-7.5	+1.8	+54	+97	+130	+121	+22	+3.1	-7.5	+76	+8.6	+2.0	+2.1	+1.9	+3.2	-0.26	-0.32	+24	+15	+17	+11	+3.2	+0.6	+140	+125	+159	+131
10%	+3.2	+2.8	-6.6	+2.4	+52	+93	+124	+114	+20	+2.7	-6.7	+72	+7.6	+1.5	+1.6	+1.5	+2.9	-0.18	-0.21	+20	+12	+14	+9	+2.4	+0.6	+134	+121	+150	+127
15%	+2.7	+2.4	-6.0	+2.8	+51	+91	+120	+109	+19	+2.5	-6.2	+69	+7.0	+1.2	+1.2	+1.3	+2.7	-0.13	-0.14	+17	+11	+11	+7	+1.9	+0.5	+130	+118	+143	+124
20%	+2.3	+2.0	-5.6	+3.1	+49	+89	+117	+105	+18	+2.4	-5.9	+68	+6.6	+0.9	+1.0	+1.1	+2.5	-0.08	-0.09	+14	+9	+10	+6	+1.5	+0.5	+126	+116	+138	+121
25%	+1.9	+1.7	-5.2	+3.3	+48	+87	+114	+102	+18	+2.3	-5.5	+66	+6.2	+0.7	+0.7	+1.0	+2.3	-0.05	-0.04	+12	+8	+8	+4	+1.2	+0.5	+124	+114	+134	+119
30%	+1.5	+1.4	-4.9	+3.6	+47	+85	+112	+99	+17	+2.1	-5.2	+64	+5.9	+0.5	+0.5	+0.9	+2.1	-0.01	+0.00	+10	+7	+7	+3	+0.9	+0.5	+121	+112	+130	+117
35%	+1.2	+1.1	-4.6	+3.8	+46	+84	+110	+96	+16	+2.0	-5.0	+63	+5.6	+0.4	+0.3	+0.8	+2.0	+0.02	+0.04	+9	+6	+5	+2	+0.6	+0.4	+118	+111	+126	+115
40%	+0.9	+0.9	-4.3	+4.0	+46	+82	+108	+94	+16	+1.9	-4.7	+62	+5.3	+0.2	+0.2	+0.6	+1.9	+0.05	+0.08	+7	+5	+4	+1	+0.5	+0.3	+116	+110	+122	+113
45%	+0.6	+0.6	-4.1	+4.2	+45	+81	+106	+91	+15	+1.8	-4.4	+60	+5.1	+0.1	+0.0	+0.5	+1.7	+0.08	+0.12	+6	+4	+2	+0	+0.3	+0.3	+114	+108	+119	+111
50%	+0.3	+0.4	-3.8	+4.4	+44	+80	+104	+89	+15	+1.7	-4.2	+59	+4.8	-0.1	-0.2	+0.4	+1.6	+0.11	+0.16	+4	+3	+1	-1	+0.0	+0.2	+112	+107	+116	+110
55%	-0.1	+0.1	-3.6	+4.5	+43	+78	+102	+87	+14	+1.6	-3.9	+57	+4.6	-0.2	-0.3	+0.3	+1.5	+0.13	+0.20	+3	+1	-1	-2	-0.4	+0.1	+109	+105	+112	+108
60%	-0.4	-0.2	-3.3	+4.7	+42	+77	+100	+85	+14	+1.6	-3.7	+56	+4.3	-0.4	-0.5	+0.2	+1.3	+0.16	+0.24	+1	+0	-3	-3	-0.8	+0.0	+107	+104	+109	+106
65%	-0.7	-0.5	-3.1	+4.9	+41	+75	+98	+82	+13	+1.5	-3.4	+54	+4.0	-0.5	-0.7	+0.1	+1.2	+0.19	+0.28	+0	-1	-6	-4	-1.2	-0.1	+105	+102	+105	+104
70%	-1.1	-0.8	-2.8	+5.1	+40	+74	+95	+80	+13	+1.4	-3.1	+52	+3.7	-0.7	-0.9	+0.0	+1.1	+0.22	+0.32	-2	-3	-9	-5	-1.6	-0.3	+102	+101	+101	+102
75%	-1.5	-1.1	-2.5	+5.4	+39	+72	+93	+77	+12	+1.2	-2.8	+50	+3.4	-0.8	-1.1	-0.1	+0.9	+0.25	+0.36	-3	-6	-11	-7	-1.9	-0.4	+99	+99	+97	+100
80%	-2.0	-1.5	-2.2	+5.6	+38	+70	+90	+74	+11	+1.1	-2.5	+48	+3.0	-1.0	-1.3	-0.3	+0.8	+0.28	+0.40	-5	-8	-14	-8	-2.3	-0.6	+95	+97	+92	+97
85%	-2.6	-2.0	-1.8	+5.9	+36	+67	+87	+71	+11	+1.0	-2.0	+45	+2.6	-1.3	-1.6	-0.4	+0.6	+0.32	+0.46	-7	-12	-17	-10	-3.1	-0.9	+91	+94	+86	+94
90%	-3.4	-2.6	-1.3	+6.3	+34	+64	+82	+66	+10	+0.8	-1.5	+41	+2.1	-1.5	-1.9	-0.7	+0.3	+0.37	+0.53	-10	-17	-21	-13	-4.4	-1.5	+85	+91	+78	+89
95%	-4.7	-3.6	-0.5	+6.8	+30	+59	+75	+58	+8	+0.5	-0.5	+34	+1.2	-2.0	-2.4	-1.0	+0.1	+0.44	+0.64	-13	-25	-28	-17	-6.2	-2.6	+76	+85	+64	+82
99%	-7.5	-5.7	+1.4	+8.0	+23	+49	+58	+41	+5	-0.2	+1.9	+23	-0.3	-2.8	-3.6	-1.7	-0.4	+0.59	+0.87	-19	-34	-37	-26	-9.7	-4.9	+46	+69	+23	+60

* The percentile bands represent the distribution of EBVs across the 2016 drop Angus and Angus influenced animals analysed in the Mid December 2018 Angus Australia BREEDPLAN genetic evaluation.


UNDERSTANDING EBVs continued

FEED EFFICIENCY		
Net Feed Intake (Post Weaning)	kg/day	Genetic differences between animals in feed intake at a standard weight and rate of weight gain when animals are in a growing phase.
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.
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).
Front Feet Claw Set	%	Genetic differences between animals in desirable front feet claw set structure (shape and evenness of claw).
Rear Feet Angle	%	Genetic differences between animals in desirable rear feet angle (strength of pastern, depth of heel).
Rear Leg Hind View	%	Genetic differences between animals in desirable rear leg structure when viewed from behind.
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.
Domestic Index	\$	Genetic differences between animals in net profitability per cow joined in a commercial self replacing herd targeting the domestic supermarket trade.
Heavy Grain Index	\$	Genetic differences between animals in net profitability per pasture grown steers with a 200 day feedlot finishing period for the grain fed high quality, highly marbled markets.
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.		

BIRTH		
Calving Ease Direct	(%)	Genetic differences in the ability of a sire's calves to be born unassisted from 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.
Gestation Length	days	Genetic differences between animals in the length of time from the date of conception to the birth of the calf.
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.
400 Day Weight	kg	Genetic differences between animals in live weight at 400 days of age.
600 Day Weight	kg	Genetic differences between animals in live weight at 600 days of age.
Mature Cow Weight	kg	Genetic differences between animals in live weight of cows at 5 years of age.
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	kg	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.
Scrotal Size	cm	Genetic differences between animals in scrotal circumference at 400 days of age.
Lower EBVs indicate shorter time to calving.		
Higher EBVs indicate larger scrotal circumference.		
CARCASS		
Carcass Weight	kg	Genetic differences between animals in hot standard carcass weight at 750 days of age.
Eye Muscle Area	cm ²	Genetic differences between animals in eye muscle area at the 12/13th rib site in a 400 kg carcass.
Rib Fat	mm	Genetic differences between animals in fat depth at the 12/13th rib site in a 400 kg carcass.
Rump Fat	mm	Genetic differences between animals in fat depth at the P8 rump site in a 400 kg carcass.
Retail Beef Yield	%	Genetic differences between animals in boned out saleable meat from a 400 kg carcass.
Intramuscular Fat	%	Genetic differences between animals in intramuscular fat (marbling) at the 12/13th rib site in a 400 kg carcass.
Higher EBVs indicate higher yield.		
Higher EBVs indicate more intramuscular fat.		

2019 SALE BULL SUMMARY continued

EBV Quick Reference for Granite Ridge Angus Bull Sale

Animal Ident	Calving Ease		Birth		Growth				Fertility			Carcase				Other			Selection Indexes				
	CEDir	CEDtrs	GL	BWT	200	400	600	MCW	Milk	SS	DTC	CWT	EMA	RIB	P8	RBV	IMF	NFI-F	ABI	DOM	GRN	GRS	
58	SIKN278	+1.2	+3.2	-4.5	+4.5	+54	+101	+142	+129	+22	+2.4	-3.9	+77	+2.0	-1.7	-2.0	+0.2	+1.7	+0.04	+\$129	+\$113	+\$140	+\$125
59	SIKN213	+0.1	+1.5	-1.2	+5.9	+47	+88	+131	+120	+15	+1.1	-0.8	+65	+0.5	-2.8	-2.7	+0.1	+1.7	-0.21	+\$106	+\$96	+\$114	+\$105
60	SIKN280	-5.3	-2.0	-1.2	+6.4	+52	+96	+135	+115	+19	+2.1	-3.0	+71	+5.8	-1.8	-2.1	+1.0	+2.3	+0.17	+\$121	+\$105	+\$135	+\$115
61	SIKN83	+2.8	+2.6	-8.1	+4.4	+55	+95	+131	+120	+24	+2.5	-5.3	+72	+5.0	-0.1	-0.3	+0.4	+1.9	+0.01	+\$133	+\$117	+\$142	+\$128
62	SIKN191	+3.1	+2.4	-7.6	+4.8	+50	+85	+118	+116	+12	+3.0	-8.8	+72	+5.5	+1.4	+1.1	+0.4	+1.8	+0.36	+\$140	+\$119	+\$151	+\$132
63	SIKN87	+3.6	+3.9	-7.2	+2.5	+49	+85	+113	+97	+13	+2.2	-6.6	+66	+4.9	-0.1	-0.9	+0.7	+2.0	+0.68	+\$133	+\$120	+\$143	+\$127
64	SIKN192	-2.0	-1.4	-2.0	+4.8	+41	+76	+102	+94	+13	+2.2	-4.2	+52	+2.1	-0.7	-0.7	+0.6	+1.1	-0.12	+\$92	+\$92	+\$90	+\$93
65	SIKN254	+0.8	+2.2	-2.0	+4.2	+43	+79	+94	+73	+19	+2.0	-3.1	+61	+4.7	-1.8	-0.9	+0.6	+2.5	+0.26	+\$105	+\$110	+\$112	+\$103
66	SIKN48	+2.2	+0.9	-4.7	+5.8	+49	+86	+115	+112	+12	+2.2	-6.9	+71	+6.0	+0.3	-0.5	+0.8	+2.0	+0.18	+\$132	+\$118	+\$145	+\$124
67	SIKN302	-0.4	+0.8	-2.1	+5.9	+57	+96	+134	+120	+15	+1.3	-3.1	+69	+8.9	-0.9	-1.1	+1.1	+1.6	-0.04	+\$129	+\$115	+\$135	+\$128
68	SIKN73	+1.5	+0.0	-7.9	+4.8	+49	+86	+119	+114	+17	+0.4	-6.3	+78	+5.4	+0.6	-0.7	-0.3	+2.9	+0.31	+\$131	+\$111	+\$149	+\$121
69	SIKN77	+2.3	+2.1	-7.5	+3.6	+45	+81	+108	+97	+14	+0.8	-4.4	+63	+1.0	+0.0	+1.2	-0.8	+1.7	+0.24	+\$106	+\$102	+\$106	+\$107
70	SIKN301	-0.5	+0.5	-2.2	+5.2	+54	+93	+127	+113	+17	+1.4	-1.8	+64	+7.6	-1.0	-1.2	+1.2	+1.6	-0.27	+\$118	+\$111	+\$122	+\$119
71	SIKN150	+0.3	+0.1	-1.8	+5.0	+49	+89	+120	+98	+18	+0.7	-4.0	+69	+5.2	+0.2	-0.1	+0.0	+1.4	-0.15	+\$113	+\$106	+\$113	+\$114
72	SIKN60	+2.8	+0.8	-4.1	+2.6	+47	+86	+110	+90	+22	+1.8	-5.7	+65	+6.9	-1.1	-1.5	+0.9	+2.1	+0.07	+\$125	+\$118	+\$134	+\$120
73	SIKN242	+0.8	+1.3	-4.1	+4.6	+45	+83	+113	+104	+14	+2.2	-4.3	+64	+2.6	-2.0	-2.0	+1.1	+1.0	-0.29	+\$108	+\$105	+\$110	+\$107
74	SIKN276	-2.0	-3.1	-1.4	+4.9	+52	+93	+124	+109	+18	+1.5	-3.9	+78	+8.3	-1.8	-2.4	+1.6	+1.9	+0.11	+\$122	+\$113	+\$132	+\$118
75	SIKN306	+0.8	-0.3	-6.5	+5.3	+51	+90	+125	+116	+16	+2.6	-4.8	+65	+2.8	-0.5	+0.3	+0.4	+1.4	+0.06	+\$119	+\$108	+\$123	+\$118
76	SIKN290	+0.1	-0.8	-6.2	+5.6	+57	+102	+140	+144	+15	+2.9	-3.9	+73	+3.7	-1.3	-0.8	+1.2	+0.9	-0.30	+\$124	+\$113	+\$128	+\$123
77	SIKN248	+0.7	-0.1	-3.3	+5.2	+46	+88	+124	+112	+22	+1.6	-5.0	+63	+5.3	+0.7	-0.2	+0.6	+1.4	+0.22	+\$122	+\$108	+\$128	+\$119
78	SIKN17	+0.5	+2.0	-5.1	+5.1	+50	+89	+121	+114	+15	+2.4	-5.8	+67	+5.8	+0.7	+0.4	-0.1	+2.2	+0.14	+\$128	+\$113	+\$139	+\$123
79	SIKN3	+4.2	+3.5	-10.6	+2.9	+54	+93	+131	+104	+21	+1.6	-5.2	+73	+7.5	+0.8	+0.0	+0.7	+1.6	+0.31	+\$140	+\$122	+\$145	+\$138
80	SIKN262	-5.0	-0.6	+1.2	+5.9	+49	+89	+121	+115	+15	+3.5	-6.1	+70	+4.4	-0.9	-1.0	+0.6	+1.2	-0.17	+\$107	+\$98	+\$111	+\$105
81	SIKN206	+4.2	+1.3	-8.6	+3.0	+45	+84	+113	+105	+20	+1.9	-3.4	+65	+4.2	-0.2	+0.3	+0.5	+1.3	-0.02	+\$110	+\$106	+\$109	+\$112
82	SIKN281	-1.0	-1.4	-6.2	+3.8	+49	+87	+108	+95	+19	+1.7	-5.2	+62	+2.2	+0.8	+1.1	-0.1	+1.0	-0.25	+\$97	+\$101	+\$89	+\$101
	 CEDir	CEDtrs	GL	BWT	200	400	600	MCW	Milk	SS	DTC	CWT	EMA	RIB	P8	RBV	IMF	NFI-F	ABI	DOM	GRN	GRS	
	+0.0	+0.2	-3.9	+4.3	+43	+79	+103	+89	+15	+1.7	-4.1	+57	+4.9	0.0	-0.2	+0.4	+1.6	+0.16	+\$110	+\$106	+\$114	+\$108	





LOT 4

Granite Ridge Negro N4

Lot 1 GRANITE RIDGE NUCLEAR N103 (AI) (HBR) SJKN103

DOB: 24/03/2017 Tattoo: GCP N103 (T&F) AMFU NHFU CAFU DDFU
 RENNYLEA EDMUND E11 (AI) (ET) NICHOLS QUIET LAD T9
SIRE: NORK447 RENNYLEA K447 (AI) **DAM: SJKF29 GRANITE RIDGE WILCOOLA F29 (AI)**
 RENNYLEA H457 (ET) GRANITE RIDGE BLACK WILCOOLA D80 (AI)

Mid December 2018 Angus Australia BREEDPLAN

	Dir	Dtrs	GL	BW	200W	400W	600W	MCW	MILK	SS	D to C	CW	EMA	Rib	Rump	RBY%	IMF%	NFI-P	NFI-F	Doc
EBV	+2.7	+1.4	-7.9	+5.0	+56	+95	+129	+120	+13	+1.4	-6.5	+78	+5.2	+1.5	+0.4	+0.0	+1.6	+0.2	+0.1	--
ACC	48%	39%	85%	74%	68%	69%	73%	66%	53%	70%	38%	59%	57%	59%	60%	54%	54%	43%	45%	

Traits Observed: GL,CE,BWT,200WT,400WT,600WT,SS,FAT,EMA,IMF

Notes: What a great package - Nuclear by name and Nuclear by nature, he brings so much to the table. Checkout the figures and then check out the bull - you will be impressed.

\$INDEX VALUES

ABI	DOM	GRN	GRS
+\$134	+\$118	+\$140	+\$130

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

Lot 2 GRANITE RIDGE NAMBOR N169 (HBR) SJKN169

DOB: 04/04/2017 Tattoo: GCP N169 (T&F) AMFU NHFU CAFU DDFU
 SYDGEN C C & 7 BOOROOMOOKA THEO T030 (AI)
SIRE: SJKL103 GRANITE RIDGE LOCKDOWN L103 (AI) **DAM: SJKL196 GRANITE RIDGE IMRAN ROSEBUD L196 (AI) (ET)**
 GRANITE RIDGE PENNY B6 (AI) THE GRANGE IMRAN ROSEBUD D81 (AI) (ET)

Mid December 2018 Angus Australia BREEDPLAN

	Dir	Dtrs	GL	BW	200W	400W	600W	MCW	MILK	SS	D to C	CW	EMA	Rib	Rump	RBY%	IMF%	NFI-P	NFI-F	Doc
EBV	+0.1	-0.8	-3.5	+4.8	+57	+105	+143	+113	+22	+3.8	-3.2	+80	+5.2	-1.5	-1.6	+1.4	+1.6	+0.0	-0.13	--
ACC	44%	39%	58%	71%	66%	67%	70%	63%	49%	70%	40%	57%	56%	56%	58%	52%	49%	43%	44%	

Traits Observed: BWT,200WT,400WT,600WT,SS,FAT,EMA,IMF

Notes: We want to extoll the virtues of Nambor N169 - at scanning he was the third heaviest at 848 kg and had the largest scrotal of 48cm and the largest EMA of 121cm. His sire is a home grown CC & 7 son over a Theo daughter, Imran Rosebud L196.

\$INDEX VALUES

ABI	DOM	GRN	GRS
+\$136	+\$122	+\$144	+\$133

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

Lot 3 GRANITE RIDGE NEW WAVE N43 (AI) (HBR) SJKN43

DOB: 14/03/2017 Tattoo: GCP N43 (T&F) AMFU NHFU CAFU DDFU
 MILLAH MURRAH EQUATOR D78 (AI) TE MANIA FOE F734 (AI)
SIRE: HIOJ12 AYRVALE JAGGER J12 (AI) **DAM: SJKL211 GRANITE RIDGE MYOLA L211**
 AYRVALE EASE E3 (AI) (ET) GRANITE RIDGE MYOLA H31 (AI)

Mid December 2018 Angus Australia BREEDPLAN

	Dir	Dtrs	GL	BW	200W	400W	600W	MCW	MILK	SS	D to C	CW	EMA	Rib	Rump	RBY%	IMF%	NFI-P	NFI-F	Doc
EBV	-1.0	-0.5	-4.6	+7.0	+63	+111	+163	+159	+23	+2.4	-3.4	+87	+7.4	-2.5	-3.5	+2.1	+1.5	-0.08	-0.19	--
ACC	49%	40%	84%	74%	69%	69%	73%	65%	53%	71%	37%	58%	58%	59%	60%	54%	54%	43%	46%	

Traits Observed: GL,CE,BWT,200WT,400WT,600WT,SS,FAT,EMA,IMF

Notes: The Foe daughters are breeding so well for us and N43 is a sterling example. A bull that will lift the percentage of carcass weight in your herd with 600 Day Wt +163 and Carcass Weight +88.

\$INDEX VALUES

ABI	DOM	GRN	GRS
+\$146	+\$121	+\$164	+\$140

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

Lot 4 GRANITE RIDGE NEGRO N4 (AI) (HBR) SJKN4

DOB: 04/03/2017 Tattoo: GCP N4 (T&F) AMFU NHFU CAFU DDFU
 TE MANIA 09 450 TUWHARETOA REGENT D145 (AI) (ET)
SIRE: DXTJ600 TEXAS ALL BLACK J600 (AI) (ET) **DAM: SJKJ131 GRANITE RIDGE PRIMROSE J131 (AI)**
 TEXAS TOQUE D035 (AI) (ET) GRANITE RIDGE PRIMROSE F41 (AI)

Mid December 2018 Angus Australia BREEDPLAN

Angus	Dir	Dtrs	GL	BW	200W	400W	600W	MCW	MILK	SS	D to C	CW	EMA	Rib	Rump	RBY%	IMF%	NFI-P	NFI-F	Doc
EBV	+2.3	+1.0	-10.0	+3.3	+46	+76	+106	+85	+17	+0.8	-4.4	+69	+5.1	+0.9	+0.3	-0.2	+2.3	+0.4	+0.6	--
ACC	46%	40%	85%	74%	68%	69%	72%	65%	53%	71%	40%	58%	57%	58%	56%	53%	54%	45%	47%	

Traits Observed: GL,CE,BWT,200WT,400WT,600WT,SS,EMA,IMF

Notes: Negro N4 is in the top 1% of the Angus Breed for Gestation Length, being -10, meaning his calves will be born 10 days earlier than the average. Low birth and above average growth a bull to consider for cows or heifers.

INDEX VALUES			
ABI	DOM	GRN	GRS
+\$114	+\$105	+\$119	+\$112

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



LOT 5

Granite Ridge Nuclear N76

Lot 5 GRANITE RIDGE NUCLEAR N76 (AI) (HBR) SJKN76

DOB: 21/03/2017 Tattoo: GCP N76 (T&F) AMFU NHFU CAFU DDFU
 RENNYLEA EDMUND E11 (AI) (ET) TE MANIA INFINITY 04 379 AB
SIRE: NORK447 RENNYLEA K447 (AI) **DAM: SJKF28 GRANITE RIDGE QUIET F28 (AI)**
 RENNYLEA H457 (ET) TIBOOBURRA QUIET V44 (AI) (AI)

Mid December 2018 Angus Australia BREEDPLAN

Angus	Dir	Dtrs	GL	BW	200W	400W	600W	MCW	MILK	SS	D to C	CW	EMA	Rib	Rump	RBY%	IMF%	NFI-P	NFI-F	Doc
EBV	+1.8	-0.3	-8.5	+5.3	+53	+98	+139	+145	+10	+2.7	-6.0	+80	+3.8	+0.3	+0.5	-0.2	+2.2	+0.2	+0.3	--
ACC	51%	43%	85%	75%	69%	70%	73%	67%	57%	71%	44%	60%	59%	60%	61%	56%	56%	47%	50%	

Traits Observed: GL,CE,BWT,200WT,400WT,600WT,SS,FAT,EMA,IMF

Notes: We believe that this match between K447 and our superior Quiet cow is something special. Be sure to take a second look!

INDEX VALUES			
ABI	DOM	GRN	GRS
+\$142	+\$117	+\$159	+\$133

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

Lot 6 GRANITE RIDGE N BAR N200 (HBR) SJKN200

DOB: 18/04/2017 Tattoo: GCP N200 (T&F) AMFU NHFU CAFU DDFU
 ONEILLS PRIME STAR 80 TE MANIA FOE F734 (AI)
SIRE: QRFH410 RAFF PRIME STAR H410 (AI) (ET) **DAM: SJKJ38 GRANITE RIDGE MARTINA J38 (AI)**
 RAFF BURNETTE E116 (AI) GRANITE RIDGE MARTINA G30 (AI)

Mid December 2018 Angus Australia BREEDPLAN

Angus	Dir	Dtrs	GL	BW	200W	400W	600W	MCW	MILK	SS	D to C	CW	EMA	Rib	Rump	RBY%	IMF%	NFI-P	NFI-F	Doc
EBV	+0.5	+1.9	-5.0	+5.5	+50	+90	+121	+111	+20	+1.2	-4.2	+70	+4.4	+0.3	+0.1	+0.3	+1.5	+0.1	+0.1	--
ACC	43%	34%	62%	73%	67%	69%	72%	64%	53%	71%	34%	57%	56%	57%	58%	52%	50%	39%	42%	

Traits Observed: BWT,200WT,400WT,600WT,SS,FAT,EMA,IMF

Notes: N Bar N200 is a long bull with extra frame, being a Prime Star son out of a top Foe daughter, Martina J38 whose calf made \$10,000 at last years sale.

INDEX VALUES			
ABI	DOM	GRN	GRS
+\$116	+\$108	+\$119	+\$115

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

Lot 7 GRANITE RIDGE NIRVANA N126 (AI) (HBR)

SJKN126

DOB: 27/03/2017

Tattoo: GCP N126 (T&F)

AMFU NHFU CAFU DDFU

HINGAIA 469 (AI)

RENNYLEA D372 (AI) (ET)

SIRE: NMMK51 MILLAH MURRAH TEX K51 (AI) (ET)

DAM: SJKH55 GRANITE RIDGE MARTINA H55 (AI)

MILLAH MURRAH PRUE G89

GRANITE RIDGE MARTINA B19 (AI)

Mid December 2018 Angus Australia BREEDPLAN

	Dir	Dtrs	GL	BW	200W	400W	600W	MCW	MILK	SS	D to C	CW	EMA	Rib	Rump	RBY%	IMF%	NFP	NFI-F	Doc
EBV	-1.5	-0.9	-3.7	+5.7	+49	+92	+130	+118	+18	+3.8	-5.9	+68	+3.0	-0.4	-0.1	+0.6	+1.8	+0.0	+0.2	--
ACC	46%	39%	85%	74%	68%	69%	72%	65%	53%	70%	41%	58%	57%	59%	60%	54%	53%	44%	46%	

Traits Observed: GL,CE,BWT,200WT,400WT,600WT,SS,FAT,EMA,IMF

Notes: Nirvana N126 catches the eye, he is a bull that displays lots of grunt and scanning extra well in November. At a weight of 850kg, a scrotal 47 cm, fat rib & rump each 10, EMA 118 & IMF 6.1.

\$INDEX VALUES

ABI	DOM	GRN	GRS
+\$128	+\$110	+\$140	+\$122

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



LOT 7
Granite Ridge
Nirvana N126

Lot 8 GRANITE RIDGE NERO N151 (AI) (HBR)

SJKN151

DOB: 01/04/2017

Tattoo: GCP N151 (T&F)

AMFU NHFU CAFU DDFU

MILLAH MURRAH EQUATOR D78 (AI)

THREE TREES TOP PERFORMER

SIRE: NMMF159 MILLAH MURRAH DOC F159 (AI)

DAM: SJKH123 GRANITE RIDGE SPARKLE H123 (AI)

HAZELDEAN Y275 (AI)

GRANITE RIDGE SPARKLE E107 (AI)

Mid December 2018 Angus Australia BREEDPLAN

	Dir	Dtrs	GL	BW	200W	400W	600W	MCW	MILK	SS	D to C	CW	EMA	Rib	Rump	RBY%	IMF%	NFP	NFI-F	Doc
EBV	-5.4	-1.4	-1.8	+6.8	+60	+110	+152	+136	+26	+2.1	-4.1	+87	+3.3	+0.2	+0.5	-0.3	+1.7	-0.06	-0.28	--
ACC	51%	44%	85%	75%	70%	71%	73%	68%	60%	72%	42%	62%	61%	62%	63%	58%	58%	48%	52%	

Traits Observed: GL,CE,BWT,200WT,400WT,600WT,SS,FAT,EMA,IMF

Notes: Nero N151 is a sparkling example of a Doc son, being long and powerful. Top 1% of the breed for all growth indexes. 200 DW +60, 400 DW +110, 600 DW +152 & Carcase Wt +87.

\$INDEX VALUES

ABI	DOM	GRN	GRS
+\$122	+\$105	+\$129	+\$120

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



LOT 8
Granite Ridge
Nero N151



LOT 9

Granite Ridge Nero N137

Lot 9 GRANITE RIDGE NERO N137 (AI) (HBR) SJKN137

DOB: 29/03/2017 Tattoo: GCP N137 (T&F) AMFU NHFU CAFU DDFU
 MILLAH MURRAH EQUATOR D78 (AI) RENNYLEA D372 (AI) (ET)
SIRE: NMMF159 MILLAH MURRAH DOC F159 (AI) **DAM: SJKH95 GRANITE RIDGE BLACKCAP H95 (AI)**
 HAZELDEAN Y275 (AI) LAWSONS GAR TRAVELER T510 X615 (AI) (ET)

Mid December 2018 Angus Australia BREEDPLAN																				
	Dir	Dtrs	GL	BW	200 W	400 W	600 W	MCW	MILK	SS	D to C	CW	EMA	Rib	Rump	RBY%	IMF%	NFI-P	NFI-F	Doc
EBV	-7.3	-2.4	-4.4	+6.6	+52	+99	+130	+118	+25	+1.8	-5.9	+80	+5.2	+0.7	+1.4	-0.1	+2.3	+0.2	+0.1	--
ACC	54%	47%	85%	75%	71%	71%	74%	69%	61%	73%	45%	63%	63%	64%	64%	59%	60%	50%	54%	

Traits Observed: GL,CE,BWT,200WT,400WT,600WT,SS,FAT,EMA,IMF

Notes: When we look at the Doc F159 sons the word that comes to mind is - POWERFUL. You can see the growth and the carcase quality. Definitely a bull to use over cows.

\$INDEX VALUES			
ABI	DOM	GRN	GRS
+\$118	+\$103	+\$129	+\$112

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



LOT 10

Granite Ridge New Wave N47

Lot 10 GRANITE RIDGE NEW WAVE N47 (AI) (HBR) SJKN47

DOB: 15/03/2017 Tattoo: GCP N47 (T&F) AMFU NHFU CAFU DDFU
 MILLAH MURRAH EQUATOR D78 (AI) GRANITE RIDGE JACKPOT J23 (AI)
SIRE: HIOJ12 AYRVALE JAGGER J12 (AI) **DAM: SJKL19 GRANITE RIDGE BLACKBIRD L19 (AI)**
 AYRVALE EASE E3 (AI) (ET) GRANITE RIDGE BLACKBIRD F17 (AI)

Mid December 2018 Angus Australia BREEDPLAN																				
	Dir	Dtrs	GL	BW	200 W	400 W	600 W	MCW	MILK	SS	D to C	CW	EMA	Rib	Rump	RBY%	IMF%	NFI-P	NFI-F	Doc
EBV	+0.0	+0.2	-5.9	+5.9	+60	+109	+152	+139	+24	+2.2	-4.0	+87	+4.4	-1.2	-2.0	+0.5	+2.0	+0.0	-0.13	--
ACC	47%	39%	85%	74%	68%	69%	72%	65%	52%	70%	36%	58%	57%	59%	59%	53%	53%	42%	44%	

Traits Observed: GL,CE,BWT,200WT,400WT,600WT,SS,FAT,EMA,IMF

Notes: New Wave N47 is a growthy Jagger son, a bull that oozes meat, and to top this off he has plenty of milk and IMF as well as a good set of nuts at 45cm.

\$INDEX VALUES			
ABI	DOM	GRN	GRS
+\$138	+\$118	+\$153	+\$132

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

Lot 11 GRANITE RIDGE NUCLEAR N125 (HBR)

SJKN125

DOB: 27/03/2017

Tattoo: GCP N125 (T&F)

AMFU NHFU CAFU DDFU

RENNYLEA EDMUND E11 (AI) (ET)

GAR-EGL PROTEGE

SIRE: NORK447 RENNYLEA K447 (AI)

DAM: SJKL45 GRANITE RIDGE DREAM L45 (AI)

RENNYLEA H457 (ET)

GRANITE RIDGE DREAM J153 (AI)

Mid December 2018 Angus Australia BREEDPLAN

	Dir	Dtrs	GL	BW	200W	400W	600W	MCW	MILK	SS	D to C	CW	EMA	Rib	Rump	RBY%	IMF%	NFI-P	NFI-F	Doc
EBV	+3.0	+1.1	-7.2	+4.6	+54	+92	+123	+119	+11	+1.8	-9.1	+73	+5.9	+2.4	+2.4	-0.5	+2.4	+0.3	+0.4	--
ACC	47%	39%	68%	74%	68%	69%	72%	65%	52%	70%	39%	58%	57%	59%	59%	54%	54%	43%	47%	

Traits Observed: CE,BWT,200WT,400WT,600WT,SS,FAT,EMA,IMF

Notes: A heifers first calf and what a calf he is, long and rippling with meat and muscle, with an exceptionally powerful set of figures. Dream L45s mother sold a son for \$15,000 in 2018.

\$INDEX VALUES

ABI	DOM	GRN	GRS
+\$147	+\$123	+\$161	+\$137

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



**LOT 12
Granite Ridge
Nuclear N82**

Lot 12 GRANITE RIDGE NUCLEAR N82 (AI) (HBR)

SJKN82

DOB: 22/03/2017

Tattoo: GCP N82 (T&F)

AMFU NHFU CAFU DDFU

RENNYLEA EDMUND E11 (AI) (ET)

NICHOLS QUIET LAD T9

SIRE: NORK447 RENNYLEA K447 (AI)

DAM: SJKJ20 GRANITE RIDGE NEW EMPRESS J20 (AI)

RENNYLEA H457 (ET)

GRANITE RIDGE NEW EMPRESS D25 (AI)

Mid December 2018 Angus Australia BREEDPLAN

	Dir	Dtrs	GL	BW	200W	400W	600W	MCW	MILK	SS	D to C	CW	EMA	Rib	Rump	RBY%	IMF%	NFI-P	NFI-F	Doc
EBV	+1.5	+0.8	-11.5	+4.5	+53	+89	+119	+114	+13	+1.1	-6.8	+75	+5.2	+1.8	+0.6	+0.3	+1.5	+0.0	+0.0	--
ACC	48%	39%	85%	74%	68%	69%	72%	65%	53%	70%	38%	58%	57%	59%	54%	53%	42%	45%		

Traits Observed: GL,CE,BWT,200WT,400WT,600WT,SS,FAT,EMA,IMF

Notes: A smooth sided K447 son out of a Quiet Lad daughter displays his excellent skin type. N82 has a Gestation Length of -11.4 - his calves could be born eleven days earlier than the average. Add to this strong growth and positive fat - he is a winner.

\$INDEX VALUES

ABI	DOM	GRN	GRS
+\$126	+\$114	+\$131	+\$123

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

Lot 13 GRANITE RIDGE NIRVANA N93 (AI) (HBR)

SJKN93

DOB: 24/03/2017

Tattoo: GCP N93 (T&F)

AMFU NHFU CAFU DDF

HINGAIA 469 (AI)

GRANITE RIDGE FOR-PROFIT F148 (AI)

SIRE: NMMK51 MILLAH MURRAH TEX K51 (AI) (ET)

DAM: SJKK221 GRANITE RIDGE NANNY K221

MILLAH MURRAH PRUE G89

VERMONT NANNY X199 (AI) (ET)

Mid December 2018 Angus Australia BREEDPLAN

	Dir	Dtrs	GL	BW	200W	400W	600W	MCW	MILK	SS	D to C	CW	EMA	Rib	Rump	RBY%	IMF%	NFI-P	NFI-F	Doc
EBV	+0.1	-0.6	-5.5	+5.4	+52	+92	+129	+119	+16	+2.7	-3.2	+71	+3.1	-0.4	-2.1	+0.8	+1.0	-0.26	-0.23	--
ACC	45%	37%	84%	74%	68%	68%	72%	64%	51%	70%	39%	58%	57%	59%	54%	53%	43%	47%		

Traits Observed: GL,CE,BWT,200WT,400WT,600WT,SS,FAT,EMA,IMF

Notes: There is some volume in this pedigree, Hingai 469, Apollo, For-Profit and 036. Tex K51 was purchased the Lot before Kingdom at the Millah Murrah 2016 sale, and he definitely has some grunt.

\$INDEX VALUES

ABI	DOM	GRN	GRS
+\$110	+\$103	+\$111	+\$111

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

Lot 14 GRANITE RIDGE NUCLEAR N167 (HBR) SJKN167

DOB: 03/04/2017 Tattoo: GCP N167 (T&F) AMFU NHFU CAFU DDFU
 RENNYLEA EDMUND E11 (AI) (ET) NETHERALLAN PETER PERSHORE E052
SIRE: NORK447 RENNYLEA K447 (AI) **DAM: SJKL144 GRANITE RIDGE DREAM L144 (AI) (ET)**
 RENNYLEA H457 (ET) GRANITE RIDGE DREAM D65 (AI) (ET)

Mid December 2018 Angus Australia BREEDPLAN

Angus	Dir	Dtrs	GL	BW	200W	400W	600W	MCW	MILK	SS	D to C	CW	EMA	Rib	Rump	RBY%	IMF%	NFI-P	NFI-F	Doc
EBV	-0.2	-0.6	-5.5	+5.8	+52	+91	+123	+120	+14	+2.5	-6.1	+74	+7.2	+0.9	+1.1	+0.5	+1.6	+0.2	+0.1	--
ACC	46%	37%	62%	73%	67%	68%	72%	64%	51%	69%	37%	57%	56%	57%	58%	52%	52%	42%	45%	

Traits Observed: CE,BWT,200WT,400WT,600WT,SS,FAT,EMA,IMF

Notes: This K447 son has some outcross breeding, with his mothers having a UK sire - Netherallan Peter Pershore, out of our extra special Dream D65 cow. He is definitely worth a second look.

INDEX VALUES			
ABI	DOM	GRN	GRS
+\$128	+\$113	+\$134	+\$124

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

Lot 15 GRANITE RIDGE NIGHHOOD N96 (AI) (HBR) SJKN96

DOB: 24/03/2017 Tattoo: GCP N96 (T&F) AMFU NHFU CAFU DDF
 TE MANIA FOE F734 (AI) RITO 4D7 OF 2536 338
SIRE: SJKK26 GRANITE RIDGE KAISER K26 (AI) **DAM: SJKG87 GRANITE RIDGE NANNY G87 (AI) (ET)**
 GRANITE RIDGE SUPREME F158 (AI) VERMONT NANNY X199 (AI) (ET)

Mid December 2018 Angus Australia BREEDPLAN

Angus	Dir	Dtrs	GL	BW	200W	400W	600W	MCW	MILK	SS	D to C	CW	EMA	Rib	Rump	RBY%	IMF%	NFI-P	NFI-F	Doc
EBV	+0.8	+0.8	-7.2	+5.1	+53	+93	+128	+111	+21	+2.2	-4.5	+70	+4.8	+0.2	-0.5	+0.6	+1.9	-0.06	-0.12	--
ACC	47%	37%	84%	75%	70%	71%	74%	67%	53%	73%	37%	59%	60%	61%	55%	55%	43%	44%		

Traits Observed: GL,CE,BWT,200WT,400WT,600WT,SS,FAT,EMA,IMF

Notes: Kaisers sons are well balanced in phenotype and figures, and he has some exceptional daughters who we are expecting to breed well for us. There is plenty of growth & carcass in this package.

INDEX VALUES			
ABI	DOM	GRN	GRS
+\$128	+\$114	+\$136	+\$124

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

Lot 16 GRANITE RIDGE NONCHALANT N201 (HBR) SJKN201

DOB: 18/04/2017 Tattoo: GCP N201 (T&F) AMFU NHFU CAFU DDFU
 TC ABERDEEN 759 NICHOLS QUIET LAD T9
SIRE: SJKK66 GRANITE RIDGE KALAHARI K66 (AI) (ET) **DAM: SJKF158 GRANITE RIDGE SUPREME F158 (AI)**
 VERMONT DREAM B272 (AI) (ET) GRANITE RIDGE SUPREME D85 (AI)

Mid December 2018 Angus Australia BREEDPLAN

Angus	Dir	Dtrs	GL	BW	200W	400W	600W	MCW	MILK	SS	D to C	CW	EMA	Rib	Rump	RBY%	IMF%	NFI-P	NFI-F	Doc
EBV	-0.3	+1.1	-4.5	+4.7	+59	+110	+150	+120	+22	+0.9	-3.2	+83	+3.9	-1.1	-1.8	+0.0	+1.4	+0.0	-0.20	--
ACC	48%	41%	62%	74%	69%	70%	73%	66%	55%	72%	38%	59%	59%	59%	60%	55%	53%	43%	45%	

Traits Observed: CE,BWT,200WT,400WT,600WT,SS,FAT,EMA,IMF

Notes: A special Kalahari K66 son, as Supreme F158 is Kaisers mother and she has sold 4 sons with a top of \$52,000 and an average of \$19,250. Nonchalant N201 is the youngest in his group and is still in the top 1% of the breed for all growth and Carass Weight.

INDEX VALUES			
ABI	DOM	GRN	GRS
+\$129	+\$116	+\$134	+\$129

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



LOT 13

Granite Ridge

Nirvana N93



LOT 17

Granite Ridge Nuclear N156

Lot 17 GRANITE RIDGE NUCLEAR N156 (AI) (HBR) SJKN156

DOB: 01/04/2017 Tattoo: GCP N156 (T&F) AMFU NHFU CAFU DDFU
 RENNYLEA EDMUND E11 (AI) (ET) COONAMBLE Z3 (AI) (ET)
SIRE: NORK447 RENNYLEA K447 (AI) **DAM: SJKJ192 GRANITE RIDGE QUIET J192 (AI) (ET)**
 RENNYLEA H457 (ET) GRANITE RIDGE QUIET C91 (AI) (ET)

Mid December 2018 Angus Australia BREEDPLAN

Angus	Dir	Dtrs	GL	BW	200W	400W	600W	MCW	MILK	SS	D to C	CW	EMA	Rib	Rump	RBV%	IMF%	NF-P	NF-F	Doc
EBV	-0.1	-2.0	-3.6	+5.9	+54	+93	+130	+139	+8	+1.8	-6.5	+76	+6.0	+0.3	+0.0	+0.2	+2.3	+0.1	-0.03	--
ACC	49%	41%	84%	74%	69%	69%	73%	66%	54%	71%	42%	59%	58%	60%	61%	55%	55%	46%	49%	

Traits Observed: GL,CE,BWT,200WT,400WT,600WT,SS,FAT,EMA,IMF

Notes: Nuclear N156 is a long, smooth sided son of K447 out of a beautiful Quiet cow. He will give your herd extra frame, muscle and growth, all important for improving profits.

\$INDEX VALUES

ABI	DOM	GRN	GRS
+\$135	+\$114	+\$152	+\$126

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

Lot 18 GRANITE RIDGE NEW WAVE N27 (AI) (HBR) SJKN27

DOB: 11/03/2017 Tattoo: GCP N27 (T&F) AMFU NHFU CAFU DDFU
 MILLAH MURRAH EQUATOR D78 (AI) TE MANIA FOE F734 (AI)
SIRE: HIOJ12 AYRVALE JAGGER J12 (AI) **DAM: SJKL118 GRANITE RIDGE KANANGAS L118 (AI)**
 AYRVALE EASE E3 (AI) (ET) GRANITE RIDGE KANANGAS J163 (AI)

Mid December 2018 Angus Australia BREEDPLAN

Angus	Dir	Dtrs	GL	BW	200W	400W	600W	MCW	MILK	SS	D to C	CW	EMA	Rib	Rump	RBV%	IMF%	NF-P	NF-F	Doc
EBV	+1.7	+1.2	-4.9	+5.5	+59	+106	+145	+137	+25	+2.0	-5.1	+79	+6.6	-1.6	-1.8	+1.1	+1.7	+0.0	-0.15	--
ACC	49%	40%	85%	74%	69%	69%	73%	65%	54%	71%	37%	59%	58%	59%	60%	54%	54%	43%	46%	

Traits Observed: GL,CE,BWT,200WT,400WT,600WT,SS,FAT,EMA,IMF

Notes: Jagger over a Foe daughter - what a match. A bull with Calving Ease followed by growth in the Top 1% of the breed, High Milk, Huge Scrotal & a Carcase Wt of +80 and RBV +1.1. This boy will breed a lot of meat.

\$INDEX VALUES

ABI	DOM	GRN	GRS
+\$142	+\$124	+\$155	+\$136

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



LOT 18

Granite Ridge New Wave N27

Lot 19 GRANITE RIDGE NEW WAVE N120 (AI) (HBR) SJKN120

DOB: 25/03/2017 Tattoo: GCP N120 (T&F) AMFU NHFU CAFU DDFU
 MILLAH MURRAH EQUATOR D78 (AI) WITHERSWOOD PERFORMER E49 (AI)
SIRE: HIOJ12 AYRVALE JAGGER J12 (AI) **DAM: SJKH322 GRANITE RIDGE DIAMOND H322**
 AYRVALE EASE E3 (AI) (ET) GRANITE RIDGE DIAMOND F269

Mid December 2018 Angus Australia BREEDPLAN

Angus	Dir	Dtrs	GL	BW	200W	400W	600W	MCW	MILK	SS	DtoC	CW	EMA	Rib	Rump	RBV%	IMF%	NFI-P	NFI-F	Doc
EBV	+3.0	+1.7	-6.5	+3.8	+50	+92	+125	+114	+22	+2.0	-3.7	+70	+5.1	+0.6	+0.1	+0.1	+2.0	+0.1	+0.2	--
ACC	48%	40%	84%	74%	69%	69%	72%	65%	55%	71%	37%	58%	58%	59%	60%	54%	54%	42%	45%	

Traits Observed: GL,CE,BWT,200WT,400WT,600WT,SS,FAT,EMA,IMF
 Notes: Another outstanding Jagger son, with his trade-mark traits. Calving Ease +3, GL -6.5, BW +3.8, 200 DW +50, 400 DW +91, 600 DW +124, Milk +22, SS +2.0, Carcase Wt +71, EMA +4.9, Rib +5, Rump +1.1 & IMF +2.1. What more could you ask? Diamond H322 sold a son for \$8,000 in 2018.

\$INDEX VALUES			
ABI	DOM	GRN	GRS
+\$124	+\$113	+\$132	+\$122

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



LOT 19

Granite Ridge New Wave N120

Lot 20 GRANITE RIDGE NOTABLE N133 (AI) (HBR) SJKN133

DOB: 28/03/2017 Tattoo: GCP N133 (T&F) AMFU NHFU CAFU DDFU
 TUWHARETOA REGENT D145 (AI) (ET) SITZ UPWARD 307R
SIRE: SJKJ23 GRANITE RIDGE JACKPOT J23 (AI) **DAM: SJKG4 GRANITE RIDGE WILCOOLA G4 (AI)**
 GRANITE RIDGE WHISPER C46 (AI) (ET) GRANITE RIDGE WILCOOLA E185 (AI)

Mid December 2018 Angus Australia BREEDPLAN

Angus	Dir	Dtrs	GL	BW	200W	400W	600W	MCW	MILK	SS	DtoC	CW	EMA	Rib	Rump	RBV%	IMF%	NFI-P	NFI-F	Doc
EBV	-0.3	-1.3	-5.4	+4.1	+42	+78	+99	+76	+20	+0.5	-3.5	+68	+6.5	-1.4	-2.0	+1.0	+2.5	+0.2	+0.1	--
ACC	48%	42%	85%	74%	69%	70%	73%	67%	57%	72%	41%	60%	58%	60%	61%	55%	55%	45%	47%	

Traits Observed: GL,CE,BWT,200WT,400WT,600WT,SS,FAT,EMA,IMF
 Notes: A Moderate but long Jackpot son with plenty of quality carcass, EMA +6.4, RBV +1.0 and IMF +2.5.

\$INDEX VALUES			
ABI	DOM	GRN	GRS
+\$108	+\$107	+\$118	+\$104

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

Lot 21 GRANITE RIDGE NUCLEAR N115 (AI) (HBR) SJKN115

DOB: 25/03/2017 Tattoo: GCP N115 (T&F) AMFU NHFU CAFU DDFU
 RENNYLEA EDMUND E11 (AI) (ET) TE MANIA INFINITY 04 379 AB
SIRE: NORK447 RENNYLEA K447 (AI) **DAM: SJKF185 GRANITE RIDGE QUIET F185 (AI) (ET)**
 RENNYLEA H457 (ET) TIBOOBURRA QUIET V44 (AI) (AI)

Mid December 2018 Angus Australia BREEDPLAN

Angus	Dir	Dtrs	GL	BW	200W	400W	600W	MCW	MILK	SS	DtoC	CW	EMA	Rib	Rump	RBV%	IMF%	NFI-P	NFI-F	Doc
EBV	+0.6	-1.3	-6.7	+5.3	+47	+88	+120	+128	+8	+2.1	-6.5	+72	+3.2	-1.1	-0.5	+0.0	+2.4	+0.1	+0.2	--
ACC	50%	43%	84%	74%	69%	69%	73%	66%	56%	71%	44%	60%	59%	61%	60%	55%	57%	48%	51%	

Traits Observed: GL,CE,BWT,200WT,400WT,600WT,SS,FAT,EMA,IMF
 Notes: If your herd needs a bit of a stretch, there is extra frame and length in this K447 son. Quiet F185 has previously sold two sons for \$7,000 each.

\$INDEX VALUES			
ABI	DOM	GRN	GRS
+\$128	+\$110	+\$146	+\$118

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

Lot 22 GRANITE RIDGE NUCLEAR N5 (AI) (HBR) SJKN5

DOB: 06/03/2017 Tattoo: GCP N5 (T&F) AMFU NHFU CAFU DDFU

RENNYLEA EDMUND E11 (AI) (ET)
SIRE: NORK447 RENNYLEA K447 (AI)
 RENNYLEA H457 (ET)

TE MANIA FOE F734 (AI)
DAM: SJKL187 GRANITE RIDGE EVA L187
 GRANITE RIDGE EVA F94 (AI) (ET)

Mid December 2018 Angus Australia BREEDPLAN

Angus	Dir	Dtrs	GL	BW	200W	400W	600W	MCW	MILK	SS	DtoC	CW	EMA	Rib	Rump	RBY%	IMF%	NFI-P	NFI-F	Doc
EBV	+3.0	+1.6	-8.5	+5.3	+51	+90	+116	+111	+13	+1.5	-6.5	+71	+7.0	+0.9	+0.1	+0.8	+2.3	+0.1	+0.2	--
ACC	48%	39%	84%	74%	68%	69%	73%	65%	52%	71%	40%	58%	57%	59%	60%	54%	54%	44%	47%	

Traits Observed: GL,CE,BWT,200WT,400WT,600WT,SS,FAT,EMA,IMF

Notes: There is a lot going for this K447 son out of a Foe daughter, being extra long & correct. What an incredible spread of figures, he is in the top 8% for all \$ Indexes making him suitable for all breeding enterprises. Should suit heifers.

\$INDEX VALUES			
ABI	DOM	GRN	GRS
+\$138	+\$124	+\$152	+\$130

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

Lot 23 GRANITE RIDGE NIGHHOOD N46 (AI) (HBR) SJKN46

DOB: 15/03/2017 Tattoo: GCP N46 (T&F) AMFU NHFU CAFU DDFU

TE MANIA FOE F734 (AI)
SIRE: SJKK26 GRANITE RIDGE KAISER K26 (AI)
 GRANITE RIDGE SUPREME F158 (AI)

RAFF EXPLOSIVE H68 (AI) (ET)
DAM: SJKL228 GRANITE RIDGE FIRST LADY L228
 GRANITE RIDGE FIRST LADY H263

Mid December 2018 Angus Australia BREEDPLAN

Angus	Dir	Dtrs	GL	BW	200W	400W	600W	MCW	MILK	SS	DtoC	CW	EMA	Rib	Rump	RBY%	IMF%	NFI-P	NFI-F	Doc
EBV	-0.1	+0.2	-3.9	+5.2	+58	+101	+131	+120	+20	+2.4	-5.0	+80	+6.3	-0.4	-1.0	+0.8	+2.1	+0.0	-0.08	--
ACC	43%	32%	84%	74%	69%	70%	73%	64%	49%	72%	33%	57%	58%	59%	60%	53%	52%	40%	41%	

Traits Observed: GL,CE,BWT,200WT,400WT,600WT,SS,FAT,EMA,IMF

Notes: Kaisers first sons sell this year and N46 is a strong growth bull, which is complemented by +80 Carcass Weight and +0.8 RBY. The Kaiser sons are of a very good type.

\$INDEX VALUES			
ABI	DOM	GRN	GRS
+\$132	+\$121	+\$143	+\$127

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

Lot 24 GRANITE RIDGE NEW WAVE N80 (AI) (HBR) SJKN80

DOB: 22/03/2017 Tattoo: GCP N80 (T&F) AMFU NHFU CAFU DDFU

MILLAH MURRAH EQUATOR D78 (AI)
SIRE: HIOJ12 AYRVALE JAGGER J12 (AI)
 AYRVALE EASE E3 (AI) (ET)

TE MANIA BERKLEY B1 (AI)
DAM: SJKG164 GRANITE RIDGE DREAM G164 (AI)
 GRANITE RIDGE DREAM D65 (AI) (ET)

Mid December 2018 Angus Australia BREEDPLAN

Angus	Dir	Dtrs	GL	BW	200W	400W	600W	MCW	MILK	SS	DtoC	CW	EMA	Rib	Rump	RBY%	IMF%	NFI-P	NFI-F	Doc
EBV	+3.3	+2.7	-9.0	+4.0	+53	+97	+125	+121	+20	+2.1	-5.2	+75	+5.2	-0.4	-1.0	+0.3	+2.1	+0.1	+0.1	--
ACC	51%	45%	85%	75%	70%	70%	73%	67%	57%	72%	42%	60%	59%	60%	61%	56%	56%	46%	49%	

Traits Observed: GL,CE,BWT,200WT,400WT,600WT,SS,FAT,EMA,IMF

Notes: In 2018 seven Jagger sons sold for an average of \$12,140. N80 will work equally well over cows or heifers, with Calving Ease, short gestation(-9.0), Growth in top 10%, Jagger over a Dream is a DREAM.

\$INDEX VALUES			
ABI	DOM	GRN	GRS
+\$130	+\$120	+\$141	+\$124

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



LOT 26
Granite Ridge
Nonchalant N231

Lot 25 GRANITE RIDGE NIGHHOOD N61 (AI) (HBR) SJKN61

DOB: 16/03/2017 Tattoo: GCP N61 (T&F) AMFU NHFU CAFU DDFU
 TE MANIA FOE F734 (AI) SYDGEN C C & 7
SIRE: SJKK26 GRANITE RIDGE KAISER K26 (AI) **DAM: SJKL151 GRANITE RIDGE DREAM L151 (AI) (ET)**
 GRANITE RIDGE SUPREME F158 (AI) VERMONT DREAM B272 (AI) (ET)

Mid December 2018 Angus Australia BREEDPLAN

Angus	Dir	Dtrs	GL	BW	200W	400W	600W	MCW	MILK	SS	D to C	CW	EMA	Rib	Rump	RBY%	IMF%	NFI-P	NFI-F	Doc
EBV	+1.3	+0.1	-3.4	+5.5	+59	+103	+155	+129	+22	+2.7	-4.7	+81	+5.9	-0.2	-0.8	+0.9	+1.6	+0.1	+0.1	--
ACC	48%	37%	84%	75%	70%	71%	73%	66%	52%	73%	37%	59%	60%	60%	61%	55%	56%	44%	46%	

Traits Observed: GL,CE,BWT,200WT,400WT,600WT,SS,FAT,EMA,IMF
 Notes: An outstanding Kaiser son, whose spread of figures is curve bending - CED +1.3, 200D +59, 400D +103, 600D +154, CW +81, EMA +6.1, RBY +1.0 SS +2.7 and all \$Indexes in top 8% of the breed. A STAR Lot.

\$INDEX VALUES			
ABI	DOM	GRN	GRS
+\$150	+\$121	+\$162	+\$145

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



LOT 25

Granite Ridge Nighthood N61

Lot 26 GRANITE RIDGE NONCHALANT N231 (HBR) SJKN231

DOB: 25/04/2017 Tattoo: GCP N231 (T&F) AMFU NHFU CAFU DDFU
 TC ABERDEEN 759 RENNYLEA D372 (AI) (ET)
SIRE: SJKK66 GRANITE RIDGE KALAHARI K66 (AI) (ET) **DAM: SJKK128 GRANITE RIDGE MARTINA K128 (AI)**
 VERMONT DREAM B272 (AI) (ET) GRANITE RIDGE MARTINA G30 (AI)

Mid December 2018 Angus Australia BREEDPLAN

Angus	Dir	Dtrs	GL	BW	200W	400W	600W	MCW	MILK	SS	D to C	CW	EMA	Rib	Rump	RBY%	IMF%	NFI-P	NFI-F	Doc
EBV	-2.0	+1.0	-2.9	+5.8	+54	+101	+143	+127	+22	+2.0	-2.8	+78	+4.1	-1.9	-2.3	+0.5	+2.4	+0.1	+0.1	--
ACC	47%	41%	63%	73%	68%	69%	72%	65%	54%	71%	40%	59%	58%	59%	60%	54%	54%	43%	47%	

Traits Observed: CE,BWT,200WT,400WT,600WT,SS,FAT,EMA,IMF
 Notes: The sire of Nonchalant N231, Kalahari K66 is a quiet achiever, he brings plenty of bone to his offspring, lots of growth and exceptional feet. Last year four sons sold to a top of \$21,0000 and an average of \$10,000.

\$INDEX VALUES			
ABI	DOM	GRN	GRS
+\$129	+\$111	+\$146	+\$123

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

Lot 27 GRANITE RIDGE NEGRO N51 (AI) (HBR) SJKN51

DOB: 15/03/2017 Tattoo: GCP N51 (T&F) AMFU NHFU CAFU DDFU
 TE MANIA 09 450 TE MANIA AFRICA A217 (AI)
SIRE: DXTJ600 TEXAS ALL BLACK J600 (AI) (ET) **DAM: SJKJ75 GRANITE RIDGE DREAM J75 (AI) (ET)**
 TEXAS TOQUE D035 (AI) (ET) GRANITE RIDGE DREAM D65 (AI) (ET)

Mid December 2018 Angus Australia BREEDPLAN

Angus	Dir	Dtrs	GL	BW	200W	400W	600W	MCW	MILK	SS	D to C	CW	EMA	Rib	Rump	RBY%	IMF%	NFI-P	NFI-F	Doc
EBV	+0.3	+0.6	-5.0	+4.5	+46	+82	+118	+91	+20	+1.9	-3.9	+56	+3.5	+0.6	+1.9	-1.1	+2.3	+0.4	+0.3	--
ACC	46%	40%	84%	73%	68%	69%	72%	65%	54%	71%	41%	59%	58%	58%	60%	54%	54%	45%	47%	

Traits Observed: GL,CE,BWT,200WT,400WT,600WT,SS,FAT,EMA,IMF
 Notes: At 20 months Negro N51 weighed & scanned very well, Having 10 For Rib Fat and 12 for Rump, 118 EMA and 6.5 for IMF. To top this off he has a 45cm scrotal. In all he specs-up great.

\$INDEX VALUES			
ABI	DOM	GRN	GRS
+\$115	+\$100	+\$119	+\$114

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

Lot 28 GRANITE RIDGE NEGOTIATOR N88 (AI) (HBR) SJKN88

DOB: 23/03/2017 Tattoo: GCP N88 (T&F) AMFU NHFU CAFU DDFU
 MYTTY IN FOCUS TE MANIA AFRICA A217 (AI)
SIRE: USA15719841 A A R TEN X 7008 S A (ET) **DAM: SJKK52 GRANITE RIDGE EMPRESS K52 (AI)**
 A A R LADY KELTON 5551 GRANITE RIDGE NEW EMPRESS G173 (AI)

Mid December 2018 Angus Australia BREEDPLAN

Dir	Dtrs	GL	BW	200W	400W	600W	MCW	MILK	SS	D to C	CW	EMA	Rib	Rump	RBV%	IMF%	NFI-P	NFI-F	Doc	
EBV	+1.4	+2.8	-6.1	+3.8	+53	+91	+122	+87	+16	+2.1	-5.5	+58	+4.7	-0.2	+0.1	+0.7	+2.1	+0.2	+0.3	--
ACC	56%	51%	85%	75%	70%	71%	74%	69%	62%	72%	49%	63%	63%	64%	64%	60%	60%	51%	53%	

Traits Observed: GL,CE,BWT,200WT,400WT,600WT,SS,FAT,EMA,IMF

Notes: The first three Ten X sons, Negotiator N88, thick and deep. A bull that has meat both of quality and quantity. Should be suitable for heifers

\$INDEX VALUES

ABI	DOM	GRN	GRS
+\$138	+\$124	+\$146	+\$133

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



LOT 28

Granite Ridge Negotiator N88

Lot 29 GRANITE RIDGE NUCLEAR N90 (AI) (HBR) SJKN90

DOB: 23/03/2017 Tattoo: GCP N90 (T&F) AMFU NHFU CAFU DDFU
 RENNYLEA EDMUND E11 (AI) (ET) TE MANIA FOE F734 (AI)
SIRE: NORK447 RENNYLEA K447 (AI) **DAM: SJKJ55 GRANITE RIDGE PENNY J55 (AI)**
 RENNYLEA H457 (ET) GRANITE RIDGE PENNY G47 (AI)

Mid December 2018 Angus Australia BREEDPLAN

Dir	Dtrs	GL	BW	200W	400W	600W	MCW	MILK	SS	D to C	CW	EMA	Rib	Rump	RBV%	IMF%	NFI-P	NFI-F	Doc	
EBV	+2.8	+1.9	-8.0	+4.6	+47	+81	+116	+111	+15	+2.3	-9.3	+64	+5.0	+2.7	+2.2	-0.2	+2.1	+0.2	+0.3	--
ACC	48%	39%	85%	74%	68%	69%	73%	65%	53%	71%	39%	59%	57%	59%	60%	54%	54%	44%	47%	

Traits Observed: GL,CE,BWT,200WT,400WT,600WT,SS,FAT,EMA,IMF

Notes: K447 over a Foe Daughter, the result is a soft, long, rounded body with smooth sides, good skin and structure. Should work well over cows or heifers. A bull with great carcass qualities.

\$INDEX VALUES

ABI	DOM	GRN	GRS
+\$140	+\$115	+\$152	+\$131

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

Lot 30 GRANITE RIDGE NIGHHOOD N24 (AI) (HBR) SJKN24

DOB: 11/03/2017 Tattoo: GCP N24 (T&F) AMFU NHFU CAFU DDFU
 TE MANIA FOE F734 (AI) WITHERSWOOD PERFORMER E49 (AI)
SIRE: SJKK26 GRANITE RIDGE KAISER K26 (AI) **DAM: SJKL1 GRANITE RIDGE BLACKBIRD L1**
 GRANITE RIDGE SUPREME F158 (AI) GRANITE RIDGE BLACKBIRD G5 (AI)

Mid December 2018 Angus Australia BREEDPLAN

Dir	Dtrs	GL	BW	200W	400W	600W	MCW	MILK	SS	D to C	CW	EMA	Rib	Rump	RBV%	IMF%	NFI-P	NFI-F	Doc	
EBV	+2.2	+1.8	-6.5	+4.6	+51	+97	+125	+110	+23	+2.2	-6.6	+75	+4.2	+0.6	+0.5	-0.2	+2.1	+0.1	+0.1	--
ACC	45%	35%	84%	74%	69%	70%	73%	65%	50%	72%	35%	58%	59%	59%	60%	54%	54%	41%	44%	

Traits Observed: GL,CE,BWT,200WT,400WT,600WT,SS,FAT,EMA,IMF

Notes: Nighthood N24 ticks a lot of boxes, Calving Ease-Tick, Mod Birth-Tick, Strong Growth & Carcass Weight-Tick, High Milk-Tick, Large Scrotal-Tick,+Fat-Tick,IMF-Tick High \$Indexes-Tick. Should be suitable for heifers.

\$INDEX VALUES

ABI	DOM	GRN	GRS
+\$134	+\$120	+\$144	+\$127

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

Lot 31 GRANITE RIDGE NERO N228 (AI) (HBR) SJKN228

DOB: 24/04/2017 Tattoo: GCP N228 (T&F) AMFU NHFU CAFU DDFU
 MILLAH MURRAH EQUATOR D78 (AI) TE MANIA FOE F734 (AI)
SIRE: NMMF159 MILLAH MURRAH DOC F159 (AI) **DAM: SJKJ204 GRANITE RIDGE DELIGHT J204**
 HAZELDEAN Y275 (AI) GRANITE RIDGE DELIGHT E123 (AI)

Mid December 2018 Angus Australia BREEDPLAN

Dir	Dtrs	GL	BW	200W	400W	600W	MCW	MILK	SS	DtoC	CW	EMA	Rib	Rump	RBY%	IMF%	NF-P	NF-F	Doc	
EBV	-0.6	+1.4	-7.4	+5.9	+57	+105	+146	+126	+26	+2.9	-7.6	+82	+3.4	+3.4	+3.5	-0.9	+1.5	+0.2	+0.2	--
ACC	52%	44%	84%	75%	70%	71%	73%	68%	60%	72%	42%	62%	61%	63%	61%	57%	59%	48%	52%	

Traits Observed: GL,CE,BWT,200WT,400WT,600WT,SS,FAT,EMA,IMF

Notes: Nero N228 is a bull that catches the eye when you enter his paddock, he stands tall & proud. Doc F159 over a Foe daughter, it is not often you get such a growth bull with huge positive fat. He gets 2 stars

INDEX VALUES			
ABI	DOM	GRN	GRS
+\$141	+\$117	+\$146	+\$138

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



LOT 31

Granite Ridge Nero N228

Lot 32 GRANITE RIDGE NEGOTIATOR N149 (AI) (HBR) SJKN149

DOB: 31/03/2017 Tattoo: GCP N149 (T&F) AMFU NHFU CAFU DDFU
 MYTTY IN FOCUS TUWHARETOA REGENT D145 (AI) (ET)
SIRE: USA15719841 A A R TEN X 7008 S A (ET) **DAM: SJKH318 GRANITE RIDGE IMRAN ROSEBUD H318 (AI) (ET)**
 A A R LADY KELTON 5551 THE GRANGE IMRAN ROSEBUD D81 (AI) (ET)

Mid December 2018 Angus Australia BREEDPLAN

Dir	Dtrs	GL	BW	200W	400W	600W	MCW	MILK	SS	DtoC	CW	EMA	Rib	Rump	RBY%	IMF%	NF-P	NF-F	Doc	
EBV	-1.7	+0.1	-2.4	+5.4	+57	+104	+150	+126	+18	+3.0	-2.9	+86	+6.0	-2.9	-3.3	+1.8	+2.3	+0.0	+0.3	--
ACC	57%	52%	84%	75%	70%	71%	73%	68%	62%	73%	50%	64%	63%	64%	61%	61%	52%	54%		

Traits Observed: GL,CE,BWT,200WT,400WT,600WT,SS,FAT,EMA,IMF

Notes: A Ten X Son with extra frame and stretch, Growth in top 1% a Carcase Weight of +87 and RBY of +1.8 in the top 6% of the breed. You will breed frame and meat.

INDEX VALUES			
ABI	DOM	GRN	GRS
+\$145	+\$122	+\$166	+\$137

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



LOT 30

Granite Ridge Nighthood N24

Lot 33 GRANITE RIDGE NERO N124 (AI) (HBR) SJKN124

DOB: 27/03/2017 Tattoo: GCP N124 (T&F) AMFU NHFU CAFU DDFU
 MILLAH MURRAH EQUATOR D78 (AI) THREE TREES TOP PERFORMER
SIRE: NMMF159 MILLAH MURRAH DOC F159 (AI) **DAM: SJKH111 GRANITE RIDGE BONUS H111 (AI)**
 HAZELDEAN Y275 (AI) GRANITE RIDGE BONUS C103

Mid December 2018 Angus Australia BREEDPLAN

	Dir	Dtrs	GL	BW	200W	400W	600W	MCW	MILK	SS	D to C	CW	EMA	Rib	Rump	RBY%	IMF%	NFI-P	NFI-F	Doc
EBV	-4.0	-0.6	-3.5	+6.6	+53	+98	+135	+120	+25	+1.4	-2.7	+80	+5.0	-0.5	-0.4	+0.6	+1.2	-0.10	-0.27	--
ACC	51%	43%	85%	75%	70%	70%	73%	68%	59%	72%	42%	62%	60%	62%	62%	57%	57%	47%	51%	

Traits Observed: GL,CE,BWT,200WT,400WT,600WT,SS,FAT,EMA,IMF

Notes: When you look at a Doc son, the word that always comes to mind is "POWERFUL". Nero N124 is no exception, having a strong framed body that is layered with meat.

\$INDEX VALUES

ABI	DOM	GRN	GRS
+\$109	+\$101	+\$110	+\$111

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

Lot 34 GRANITE RIDGE NIRVANA N135 (AI) (HBR) SJKN135

DOB: 29/03/2017 Tattoo: GCP N135 (T&F) AMFU NHFU CAFU DDFU
 HINGAIA 469 (AI) GRANITE RIDGE FOR-PROFIT F148 (AI)
SIRE: NMMK51 MILLAH MURRAH TEX K51 (AI) (ET) **DAM: SJKK232 GRANITE RIDGE BONNEY K232**
 MILLAH MURRAH PRUE G89 GRANITE RIDGE BONNEY C185 (AI)

Mid December 2018 Angus Australia BREEDPLAN

	Dir	Dtrs	GL	BW	200W	400W	600W	MCW	MILK	SS	D to C	CW	EMA	Rib	Rump	RBY%	IMF%	NFI-P	NFI-F	Doc
EBV	-0.6	-0.9	-3.1	+5.1	+50	+91	+116	+104	+15	+2.4	-4.5	+71	+3.9	-0.8	-2.1	+0.7	+1.0	-0.16	-0.08	--
ACC	43%	35%	84%	73%	67%	68%	71%	64%	50%	69%	37%	57%	56%	58%	58%	53%	52%	42%	45%	

Traits Observed: GL,CE,BWT,200WT,400WT,600WT,SS,FAT,EMA,IMF

Notes: Nirvana N135 is an extra long bull, having a frame on which to pack oodles of meat. A bull with quality skin and being sound of foot. Bonny K232s son sold for \$10,000 last year.

\$INDEX VALUES

ABI	DOM	GRN	GRS
+\$104	+\$105	+\$103	+\$105

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

Lot 35 GRANITE RIDGE NUCLEAR N102 (AI) (HBR) SJKN102

DOB: 24/03/2017 Tattoo: GCP N102 (T&F) AMFU NHFU CAFU DDFU
 RENNYLEA EDMUND E11 (AI) (ET) S A V FINAL ANSWER 0035
SIRE: NORK447 RENNYLEA K447 (AI) **DAM: SJKE17 GRANITE RIDGE WHISPER E17 (AI)**
 RENNYLEA H457 (ET) GRANITE RIDGE WHISPER C46 (AI) (ET)

Mid December 2018 Angus Australia BREEDPLAN

	Dir	Dtrs	GL	BW	200W	400W	600W	MCW	MILK	SS	D to C	CW	EMA	Rib	Rump	RBY%	IMF%	NFI-P	NFI-F	Doc
EBV	+3.7	+2.0	-8.9	+4.2	+50	+85	+124	+120	+11	+2.4	-7.0	+71	+3.8	+1.0	+0.0	+0.1	+2.6	+0.2	+0.3	--
ACC	51%	42%	85%	75%	70%	70%	73%	67%	56%	72%	43%	60%	59%	60%	61%	56%	56%	47%	50%	

Traits Observed: GL,CE,BWT,200WT,400WT,600WT,SS,FAT,EMA,IMF

Notes: The Rennylea K447 sons just keep giving and Nuclear N102 is a prime example. His calves should be born early and easily, followed by explosive growth. Should suit heifers. Whisper E17s last son sold for \$14,000.

\$INDEX VALUES

ABI	DOM	GRN	GRS
+\$141	+\$116	+\$160	+\$131

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

Lot 36 GRANITE RIDGE NERO N143 (AI) (HBR) SJKN143

DOB: 30/03/2017 Tattoo: GCP N143 (T&F) AMFU NHFU CAFU DDFU
 MILLAH MURRAH EQUATOR D78 (AI) S A V 004 PREDOMINANT 4438
SIRE: NMMF159 MILLAH MURRAH DOC F159 (AI) **DAM: SJKF134 GRANITE RIDGE KANANGAS F134 (AI)**
 HAZELDEAN Y275 (AI) GRANITE RIDGE KANANGAS B12 (AI)

Mid December 2018 Angus Australia BREEDPLAN

	Dir	Dtrs	GL	BW	200W	400W	600W	MCW	MILK	SS	D to C	CW	EMA	Rib	Rump	RBY%	IMF%	NFI-P	NFI-F	Doc
EBV	-5.2	-2.3	-3.1	+5.9	+51	+96	+134	+122	+27	+2.4	-4.7	+76	+3.9	+0.1	+0.6	+0.2	+1.2	+0.0	+0.0	--
ACC	54%	46%	85%	75%	71%	72%	74%	69%	62%	73%	43%	63%	62%	63%	64%	59%	59%	49%	52%	

Traits Observed: GL,CE,BWT,200WT,400WT,600WT,SS,FAT,EMA,IMF

Notes: Powerful, this Doc son is no exception, being heavily framed and well padded with layers of muscle. Nero N143 scanned well, with fat of 10 & 9 and IMF of 6.2 and a 45cm scrotal.

\$INDEX VALUES

ABI	DOM	GRN	GRS
+\$109	+\$96	+\$110	+\$109

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

Lot 37 GRANITE RIDGE NOTABLE N91 (AI) (HBR) SJKN91

DOB: 23/03/2017 Tattoo: GCP N91 (T&F) AMFU NHFU CAFU DDFU
 TUWHARETOA REGENT D145 (AI) (ET) TE MANIA BERKLEY B1 (AI)
SIRE: SJKJ23 GRANITE RIDGE JACKPOT J23 (AI) **DAM: SJKH158 GRANITE RIDGE BLACKBIRD H158 (AI) (TW)**
 GRANITE RIDGE WHISPER C46 (AI) (ET) GRANITE RIDGE BLACKBIRD D42 (AI)

Mid December 2018 Angus Australia BREEDPLAN

Angus	Dir	Dtrs	GL	BW	200W	400W	600W	MCW	MILK	SS	D to C	CW	EMA	Rib	Rump	RBY%	IMF%	NFI-P	NFI-F	Doc
EBV	+1.9	+0.7	-7.6	+4.4	+41	+79	+110	+108	+17	+0.6	-5.6	+70	+2.5	+0.3	-0.7	-0.6	+2.9	+0.1	+0.2	--
ACC	49%	44%	84%	74%	69%	70%	73%	66%	56%	71%	43%	59%	58%	60%	61%	55%	55%	46%	49%	

Traits Observed: GL,CE,BWT,200WT,400WT,600WT,SS,FAT,EMA,IMF

Notes: Notable N91 and Notable N92 (Lot 42) have often been seen together, and what a good looking pair they are, having the soft rounded body with a big meaty arse and a good set of nuts-43cm.

\$INDEX VALUES			
ABI	DOM	GRN	GRS
+\$119	+\$104	+\$138	+\$110

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

Lot 38 GRANITE RIDGE NUCLEAR N89 (AI) (HBR) SJKN89

DOB: 23/03/2017 Tattoo: GCP N89 (T&F) AMFU NHFU CAFU DDFU
 RENNYLEA EDMUND E11 (AI) (ET) WITHERSWOOD PERFORMER E49 (AI)
SIRE: NORK447 RENNYLEA K447 (AI) **DAM: SJKJ201 GRANITE RIDGE MISTRESS J201**
 RENNYLEA H457 (ET) GRANITE RIDGE MISTRESS G128 (AI)

Mid December 2018 Angus Australia BREEDPLAN

Angus	Dir	Dtrs	GL	BW	200W	400W	600W	MCW	MILK	SS	D to C	CW	EMA	Rib	Rump	RBY%	IMF%	NFI-P	NFI-F	Doc
EBV	+2.5	+1.8	-7.6	+4.5	+50	+86	+115	+110	+13	+1.6	-6.8	+72	+4.6	+2.2	+1.9	-0.7	+2.7	+0.2	+0.4	--
ACC	47%	39%	84%	74%	68%	69%	72%	65%	53%	70%	39%	58%	57%	59%	60%	54%	54%	43%	46%	

Traits Observed: GL,CE,BWT,200WT,400WT,600WT,SS,FAT,EMA,IMF

Notes: A very well put together K447 son with a rounded body and very good skin. Calving Ease and moderate birth should make him suitable for heifers. Strong growth and extra good carcass traits should make his offspring very profitable.

\$INDEX VALUES			
ABI	DOM	GRN	GRS
+\$133	+\$115	+\$146	+\$125

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



LOT 38
Granite Ridge
Nuclear N89

Lot 39 GRANITE RIDGE NEW WAVE N53 (AI) (HBR) SJKN53

DOB: 15/03/2017 Tattoo: GCP N53 (T&F) AMFU NHFU CAFU DDFU
 MILLAH MURRAH EQUATOR D78 (AI) RAFF EXPLOSIVE H68 (AI) (ET)
SIRE: HIOJ12 AYRVALE JAGGER J12 (AI) **DAM: SJKL183 GRANITE RIDGE DREAM L183**
 AYRVALE EASE E3 (AI) (ET) GRANITE RIDGE DREAM H156 (AI) (ET)

Mid December 2018 Angus Australia BREEDPLAN

Angus	Dir	Dtrs	GL	BW	200W	400W	600W	MCW	MILK	SS	D to C	CW	EMA	Rib	Rump	RBY%	IMF%	NFI-P	NFI-F	Doc
EBV	-0.9	+0.0	-4.0	+6.8	+61	+104	+152	+155	+16	+2.7	-2.7	+79	+6.0	-1.7	-2.1	+1.5	+1.4	-0.10	-0.09	--
ACC	46%	38%	83%	73%	68%	68%	72%	64%	52%	70%	36%	57%	57%	58%	59%	53%	52%	41%	45%	

Traits Observed: GL,CE,BWT,200WT,400WT,600WT,SS,FAT,EMA,IMF

Notes: New Wave N53 has all the softness and thickness we have come to expect from the Jagger cattle. This boy has meat by the bucketfuls, being in top 2% for all growth and top 10% for RBV.

\$INDEX VALUES			
ABI	DOM	GRN	GRS
+\$133	+\$114	+\$144	+\$130

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

Lot 40 GRANITE RIDGE NEGRO N58 (AI) (HBR) SJKN58

DOB: 16/03/2017 Tattoo: GCP N58 (T&F) AMFU NHFU CAFU DDFU
 TE MANIA 09 450 TE MANIA F0E F734 (AI)
SIRE: DXTJ600 TEXAS ALL BLACK J600 (AI) (ET) **DAM: SJKJ113 GRANITE RIDGE BLACKCAP J113 (AI)**
 TEXAS TOQUE D035 (AI) (ET) GRANITE RIDGE BLACKCAP E80 (AI) (ET)

Mid December 2018 Angus Australia BREEDPLAN

	Dir	Dtrs	GL	BW	200W	400W	600W	MCW	MILK	SS	D to C	CW	EMA	Rib	Rump	RBY%	IMF%	NFI-P	NFI-F	Doc
EBV	+0.3	+0.1	-3.4	+5.4	+51	+90	+132	+106	+19	+1.1	-4.3	+71	+2.7	+0.7	+0.4	-0.8	+2.2	+0.3	+0.3	--
ACC	46%	38%	85%	74%	68%	69%	73%	65%	53%	71%	37%	59%	58%	59%	60%	54%	53%	42%	45%	

Traits Observed: GL,CE,BWT,200WT,400WT,600WT,SS,FAT,EMA,IMF

Notes: All Black over a Foe daughter has given us an outstanding young bull who is very thick and carries himself well. Growth in top 20%.

\$INDEX VALUES			
ABI	DOM	GRN	GRS
+\$124	+\$104	+\$133	+\$121

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

**Lot 41 GRANITE RIDGE NEGRO N164 (AI) (HBR) SJKN164
Verified to Sire**

DOB: 03/04/2017 Tattoo: GCP N164 (T&F) AMFU NHFU CAFU DDFU
 TE MANIA 09 450 GRANITE RIDGE INFINITY F75 (AI)
SIRE: DXTJ600 TEXAS ALL BLACK J600 (AI) (ET) **DAM: SJKH162 GRANITE RIDGE ELOXA H162**
 TEXAS TOQUE D035 (AI) (ET) GRANITE RIDGE ELOXA F254

Mid December 2018 Angus Australia BREEDPLAN

	Dir	Dtrs	GL	BW	200W	400W	600W	MCW	MILK	SS	D to C	CW	EMA	Rib	Rump	RBY%	IMF%	NFI-P	NFI-F	Doc
EBV	-2.5	-2.5	-1.0	+5.2	+47	+81	+107	+92	+16	+1.5	-2.7	+63	+3.1	-1.7	-1.6	-0.1	+1.9	+0.2	+0.1	--
ACC	44%	36%	84%	74%	68%	69%	72%	65%	54%	70%	35%	58%	57%	58%	59%	53%	51%	41%	42%	

Traits Observed: GL,CE,BWT,200WT,400WT,600WT,SS,FAT,EMA,IMF

Notes: A more moderate All Black son with some extra length. Negro N164 is a handy bull. Scrotal 44cm.

\$INDEX VALUES			
ABI	DOM	GRN	GRS
+\$89	+\$91	+\$90	+\$90

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

Lot 42 GRANITE RIDGE NOTABLE N92 (AI) (TW) (HBR) SJKN92

DOB: 23/03/2017 Tattoo: GCP N92 (T&F) AMFU NHFU CAFU DDFU
 TUWHARETOA REGENT D145 (AI) (ET) BT RIGHT TIME 24J
SIRE: SJKJ23 GRANITE RIDGE JACKPOT J23 (AI) **DAM: SJKD39 GRANITE RIDGE JEDDA D39 (AI)**
 GRANITE RIDGE WHISPER C46 (AI) (ET) COMFORT HILL JEDDA Z134 (AI) (ET)

Mid December 2018 Angus Australia BREEDPLAN

	Dir	Dtrs	GL	BW	200W	400W	600W	MCW	MILK	SS	D to C	CW	EMA	Rib	Rump	RBY%	IMF%	NFI-P	NFI-F	Doc
EBV	-0.9	-3.0	-4.2	+4.6	+42	+82	+111	+98	+21	+0.4	-4.8	+72	+4.5	+0.8	+0.5	-0.3	+1.9	+0.0	-0.05	--
ACC	50%	45%	69%	71%	67%	68%	71%	62%	58%	60%	42%	58%	56%	60%	58%	55%	56%	44%	50%	

Traits Observed: BWT,200WT,400WT,600WT,SS,FAT,EMA,IMF

Notes: Notable N92 and Notable N91 (Lot 37) have often been seen together, and what a good looking pair they are, having the soft rounded body with a big meaty arse and a good set of nuts-43cm.

\$INDEX VALUES			
ABI	DOM	GRN	GRS
+\$107	+\$98	+\$111	+\$105

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

Lot 43 GRANITE RIDGE NEW WAVE N8 (AI) (HBR) SJKN8

DOB: 08/03/2017 Tattoo: GCP N8 (T&F) AMFU NHFU CAFU DDFU
 MILLAH MURRAH EQUATOR D78 (AI) RAFF EXPLOSIVE H68 (AI) (ET)
SIRE: HIOJ12 AYRVALE JAGGER J12 (AI) **DAM: SJKL172 GRANITE RIDGE WHISPER L172**
 AYRVALE EASE E3 (AI) (ET) GRANITE RIDGE WHISPER G144 (AI) (ET)

Mid December 2018 Angus Australia BREEDPLAN

	Dir	Dtrs	GL	BW	200W	400W	600W	MCW	MILK	SS	D to C	CW	EMA	Rib	Rump	RBY%	IMF%	NFI-P	NFI-F	Doc
EBV	+2.5	+2.3	-7.8	+4.4	+55	+99	+133	+133	+19	+2.1	-3.5	+77	+5.4	-0.9	-1.2	+1.1	+2.1	-0.03	+0.1	--
ACC	46%	39%	84%	73%	68%	68%	71%	63%	52%	67%	37%	57%	55%	57%	57%	52%	53%	42%	45%	

Traits Observed: GL,CE,BWT,200WT,400WT,600WT,SS,FAT,EMA,IMF

Notes: This Jagger son ticks all the boxes, making him a very desirable bull to use over cows or heifers, he is very easy on the eye with a good skin and feet. New Wave N8 has a set of figures that speak for themselves.

\$INDEX VALUES			
ABI	DOM	GRN	GRS
+\$135	+\$122	+\$149	+\$130

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

Lot 44 GRANITE RIDGE NEW WAVE N31 (AI) (HBR) SJKN31

DOB: 12/03/2017 Tattoo: GCP N31 (T&F) AMFU NHFU CAFU DDFU
 MILLAH MURRAH EQUATOR D78 (AI) KC HAAS GPS
SIRE: HIOJ12 AYRVALE JAGGER J12 (AI) **DAM: SJKL43 GRANITE RIDGE PRINCESS L43 (AI)**
 AYRVALE EASE E3 (AI) (ET) GRANITE RIDGE PRINCESS H30 (AI)

Mid December 2018 Angus Australia BREEDPLAN

Dir	Dtrs	GL	BW	200W	400W	600W	MCW	MILK	SS	D to C	CW	EMA	Rib	Rump	RBY%	IMF%	NFI-P	NFI-F	Doc	
EBV	+2.5	+4.1	-7.3	+5.0	+58	+99	+138	+139	+17	+3.0	-5.7	+77	+5.3	+0.5	+0.5	+0.0	+2.2	+0.1	+0.1	--
ACC	49%	41%	84%	73%	68%	69%	71%	64%	53%	68%	37%	58%	56%	58%	53%	54%	43%	47%		

Traits Observed: GL,CE,BWT,200WT,400WT,600WT,SS,FAT,EMA,IMF

Notes: Jagger does it again, high calving ease and shorter gestation, explosive growth, huge scrotal, large EMA, Positive fat, and high IMF. What is there not to like. Should suit cows or heifers.

\$INDEX VALUES			
ABI	DOM	GRN	GRS
+\$143	+\$122	+\$157	+\$136

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

Lot 45 GRANITE RIDGE NIGHHOOD N64 (AI) (HBR) SJKN64

DOB: 17/03/2017 Tattoo: GCP N64 (T&F) AMFU NHFU CAFU DDFU
 TE MANIA FOE F734 (AI) TUWHARETOA REGENT D145 (AI) (ET)
SIRE: SJKK26 GRANITE RIDGE KAISER K26 (AI) **DAM: SJKL148 GRANITE RIDGE QUIET L148 (AI)**
 GRANITE RIDGE SUPREME F158 (AI) GRANITE RIDGE QUIET G100 (AI)

Mid December 2018 Angus Australia BREEDPLAN

Dir	Dtrs	GL	BW	200W	400W	600W	MCW	MILK	SS	D to C	CW	EMA	Rib	Rump	RBY%	IMF%	NFI-P	NFI-F	Doc	
EBV	-1.0	-3.2	-2.6	+6.1	+58	+99	+143	+137	+19	+1.4	-5.0	+84	+7.3	-0.7	-2.2	+1.0	+2.3	+0.0	-0.11	--
ACC	48%	39%	85%	75%	70%	70%	73%	66%	52%	72%	39%	59%	60%	61%	55%	56%	44%	47%		

Traits Observed: GL,CE,BWT,200WT,400WT,600WT,SS,FAT,EMA,IMF

Notes: Nighthood N64 shows the Regent influence being shorter in the neck and higher IMF, but still having the huge growth and Carcase weight (+84) that Kaiser brings. EMA +7.4 and RBY +0.9.

\$INDEX VALUES			
ABI	DOM	GRN	GRS
+\$138	+\$114	+\$157	+\$129

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

Lot 46 GRANITE RIDGE NIGHHOOD N165 (AI) (HBR) SJKN165

DOB: 03/04/2017 Tattoo: GCP N165 (T&F) AMFU NHFU CAFU DDFU
 TE MANIA FOE F734 (AI) HIGHLANDER OF STERN AB (ET)
SIRE: SJKK26 GRANITE RIDGE KAISER K26 (AI) **DAM: SJKL163 GRANITE RIDGE KANANGAS J163 (AI)**
 GRANITE RIDGE SUPREME F158 (AI) GRANITE RIDGE KANANGAS F134 (AI)

Mid December 2018 Angus Australia BREEDPLAN

Dir	Dtrs	GL	BW	200W	400W	600W	MCW	MILK	SS	D to C	CW	EMA	Rib	Rump	RBY%	IMF%	NFI-P	NFI-F	Doc	
EBV	-2.1	-2.5	-1.2	+6.1	+53	+96	+135	+121	+24	+2.5	-5.6	+73	+6.4	-1.1	-0.9	+0.7	+1.6	+0.1	+0.0	--
ACC	47%	38%	85%	75%	70%	71%	73%	66%	52%	72%	37%	59%	60%	61%	56%	55%	43%	45%		

Traits Observed: GL,CE,BWT,200WT,400WT,600WT,SS,FAT,EMA,IMF

Notes: Kaiser K26 over a Highland of Stern daughter, gives us even more grunt. Nighthood N165 is smooth and long and deep, you can see the volume of muscle he carries.

\$INDEX VALUES			
ABI	DOM	GRN	GRS
+\$126	+\$108	+\$135	+\$121

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

Lot 47 GRANITE RIDGE NIGHHOOD N59 (AI) (HBR) SJKN59

DOB: 16/03/2017 Tattoo: GCP N59 (T&F) AMFU NHFU CAFU DDFU
 TE MANIA FOE F734 (AI) RAFF EXPLOSIVE H68 (AI) (ET)
SIRE: SJKK26 GRANITE RIDGE KAISER K26 (AI) **DAM: SJKL162 GRANITE RIDGE BLACKBIRD L162**
 GRANITE RIDGE SUPREME F158 (AI) GRANITE RIDGE BLACKBIRD H297 (AI) (ET)

Mid December 2018 Angus Australia BREEDPLAN

Dir	Dtrs	GL	BW	200W	400W	600W	MCW	MILK	SS	D to C	CW	EMA	Rib	Rump	RBY%	IMF%	NFI-P	NFI-F	Doc	
EBV	-1.4	-0.7	-3.5	+5.5	+57	+102	+133	+124	+20	+2.6	-6.2	+79	+6.5	+0.3	-0.3	+0.9	+1.5	-0.01	-0.01	--
ACC	43%	32%	84%	74%	68%	69%	72%	64%	48%	71%	33%	57%	57%	58%	59%	53%	52%	40%	42%	

Traits Observed: GL,CE,BWT,200WT,400WT,600WT,SS,FAT,EMA,IMF

Notes: The Kaiser calves are put together so well. Nighthood N59 is a standout, great formation with a slick coat and a softness that appeals. He has a admirable set of figures. Put him on your list.

\$INDEX VALUES			
ABI	DOM	GRN	GRS
+\$131	+\$119	+\$139	+\$127

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

Lot 48 GRANITE RIDGE NUCLEAR N171 (HBR) SJKN171

DOB: 06/04/2017 Tattoo: GCP N171 (T&F) AMFU NHFU CAFU DDFU
 RENNYLEA EDMUND E11 (AI) (ET) KC HAAS GPS
SIRE: NORK447 RENNYLEA K447 (AI) **DAM: SJKL94 GRANITE RIDGE QUIET L94 (AI)**
 RENNYLEA H457 (ET) GRANITE RIDGE QUIET J192 (AI) (ET)

Mid December 2018 Angus Australia BREEDPLAN

	Dir	Dtrs	GL	BW	200W	400W	600W	MCW	MILK	SS	D to C	CW	EMA	Rib	Rump	RBY%	IMF%	NFI-P	NFI-F	Doc
EBV	+2.6	+2.1	-6.3	+5.8	+58	+103	+143	+150	+9	+2.7	-8.4	+83	+4.9	+2.6	+2.6	-0.7	+2.5	+0.3	+0.2	--
ACC	48%	39%	68%	73%	68%	69%	72%	65%	52%	70%	40%	58%	57%	59%	59%	54%	55%	44%	48%	

Traits Observed: CE,BWT,200WT,400WT,600WT,SS,FAT,EMA,IMF

Notes: Nuclear N171 will live up to his name - early and easy birth followed by an explosion of growth. His growth figures are in the top 1-2% of the breed as are all \$Indexes. He has a Carcase weight of +82 (top 1%) Rib & Rump fat in Top 2%.

\$INDEX VALUES			
ABI	DOM	GRN	GRS
+\$160	+\$128	+\$180	+\$148

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

Lot 49 GRANITE RIDGE NINJA N214 (HBR) SJKN214

DOB: 21/04/2017 Tattoo: GCP N214 (T&F) AMFU NHFU CAFU DDFU
 MOOTATUNGA FERDINAND F007 (AI) (ET) WITHERSWOOD PERFORMER E49 (AI)
SIRE: SJKK2 GRANITE RIDGE KYRAN K2 (AI) **DAM: SJKJ177 GRANITE RIDGE WILCOOLA J177**
 MOOTATUNGA DREAM G074 (AI) (ET) GRANITE RIDGE WILCOOLA G4 (AI)

Mid December 2018 Angus Australia BREEDPLAN

	Dir	Dtrs	GL	BW	200W	400W	600W	MCW	MILK	SS	D to C	CW	EMA	Rib	Rump	RBY%	IMF%	NFI-P	NFI-F	Doc
EBV	+1.8	+1.8	-5.2	+4.5	+49	+89	+112	+90	+19	+1.9	-2.5	+68	+5.7	-1.6	-1.3	+1.0	+1.8	+0.1	+0.0	--
ACC	44%	37%	60%	73%	67%	68%	72%	64%	50%	70%	35%	57%	55%	57%	58%	52%	49%	39%	40%	

Traits Observed: CE,BWT,200WT,400WT,600WT,SS,FAT,EMA,IMF

Notes: The only K2 son in the sale, Ninja N214 is more moderate but still has well above average growth, Carcase weight and RBY. Should be suitable for heifers.

\$INDEX VALUES			
ABI	DOM	GRN	GRS
+\$114	+\$115	+\$118	+\$114

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

**Lot 50 GRANITE RIDGE NONCHALANT N285 (HBR) SJKN285
Verified to Sire**

DOB: 27/05/2017 Tattoo: GCP N285 (T&F) AMFU NHFU CAFU DDFU
 TC ABERDEEN 759 ARDROSSAN EQUATOR A241 (AI) (ET)
SIRE: SJKK66 GRANITE RIDGE KALAHARI K66 (AI) (ET) **DAM: SJKG29 GRANITE RIDGE MARTINA G29 (AI)**
 VERMONT DREAM B272 (AI) (ET) GRANITE RIDGE MARTINA E12 (AI)

Mid December 2018 Angus Australia BREEDPLAN

	Dir	Dtrs	GL	BW	200W	400W	600W	MCW	MILK	SS	D to C	CW	EMA	Rib	Rump	RBY%	IMF%	NFI-P	NFI-F	Doc
EBV	+0.9	+2.7	-4.9	+4.5	+55	+102	+147	+119	+21	+2.1	-2.8	+81	+2.5	-1.5	-1.9	+0.3	+1.3	+0.0	-0.01	--
ACC	47%	41%	62%	73%	68%	69%	71%	65%	55%	69%	40%	58%	57%	58%	53%	53%	44%	47%		

Traits Observed: CE,BWT,200WT,400WT,600WT,SS,FAT,EMA,IMF

Notes: The Kalahari K66 boys get better with age, due to their strong frames and correct structure they are able to carry their weight well. Nonchalant N285 has oodles of growth and a Carcase Weight of +81.

\$INDEX VALUES			
ABI	DOM	GRN	GRS
+\$128	+\$112	+\$134	+\$128

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

Lot 51 GRANITE RIDGE NONCHALANT N199 (HBR) SJKN199

DOB: 18/04/2017 Tattoo: GCP N199 (T&F) AMFU NHFU CAFU DDFU
 TC ABERDEEN 759 EXAR UPSHOT 0562B
SIRE: SJKK66 GRANITE RIDGE KALAHARI K66 (AI) (ET) **DAM: SJKK125 GRANITE RIDGE BARA K125 (AI)**
 VERMONT DREAM B272 (AI) (ET) GRANITE RIDGE BARA B115

Mid December 2018 Angus Australia BREEDPLAN

	Dir	Dtrs	GL	BW	200W	400W	600W	MCW	MILK	SS	D to C	CW	EMA	Rib	Rump	RBY%	IMF%	NFI-P	NFI-F	Doc
EBV	-1.4	-2.4	-2.6	+5.9	+54	+100	+141	+117	+22	+0.8	-0.2	+73	+3.9	-3.1	-3.6	+1.2	+1.5	-0.13	-0.28	--
ACC	47%	41%	62%	73%	67%	69%	72%	65%	53%	70%	39%	58%	57%	58%	54%	53%	43%	46%		

Traits Observed: CE,BWT,200WT,400WT,600WT,SS,FAT,EMA,IMF

Notes: Granite Ridge Nonchalant N199 is a very easy doing young fellow. You just need to take one look at him to see he converts his feed easily into kilos of muscle. 600 DW +141 CW +72 RBY +1.3.

\$INDEX VALUES			
ABI	DOM	GRN	GRS
+\$112	+\$105	+\$118	+\$113

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

Lot 52 GRANITE RIDGE NOTABLE N69 (AI) (TW) (HBR) SJKN69

DOB: 20/03/2017 Tattoo: GCP N69 (T&F) AMFU NHFU CAFU DDFU
 TUWHARETOA REGENT D145 (AI) (ET) TE MANIA BERKLEY B1 (AI)
SIRE: SJKJ23 GRANITE RIDGE JACKPOT J23 (AI) **DAM: SJKH77 GRANITE RIDGE PENNY H77 (AI)**
 GRANITE RIDGE WHISPER C46 (AI) (ET) GRANITE RIDGE PENNY E27 (AI)

Mid December 2018 Angus Australia BREEDPLAN

Angus	Dir	Dtrs	GL	BW	200W	400W	600W	MCW	MILK	SS	DtoC	CW	EMA	Rib	Rump	RBY%	IMF%	NFI-P	NFI-F	Doc
EBV	+2.3	+0.1	-7.2	+4.0	+46	+84	+117	+111	+19	+0.5	-6.2	+76	+3.6	+1.1	+0.2	-1.1	+3.1	+0.3	+0.3	--
ACC	47%	42%	68%	71%	67%	67%	66%	60%	56%	58%	41%	57%	55%	59%	57%	54%	55%	42%	48%	

Traits Observed: BWT,200WT,400WT,600WT,SS,FAT,EMA,IMF
 Notes: This Jackpot son, Notable N69, should suit heifers with his Short Gestations, Calving Ease and moderate birth. You will not be sacrificing, as strong growth follows the easy birth and there is plenty of carcass quality - IMF +3.1

\$INDEX VALUES			
ABI	DOM	GRN	GRS
+\$126	+\$107	+\$145	+\$117

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

Lot 53 GRANITE RIDGE NONCHALANT N232 (HBR) SJKN232

DOB: 25/04/2017 Tattoo: GCP N232 (T&F) AMFU NHFU CAFU DDFU
 TC ABERDEEN 759 WITHERSWOOD PERFORMER E49 (AI)
SIRE: SJKK66 GRANITE RIDGE KALAHARI K66 (AI) (ET) **DAM: SJKK204 GRANITE RIDGE EVA K204**
 VERMONT DREAM B272 (AI) (ET) NARRANGULLEN EVA W109 (AI)

Mid December 2018 Angus Australia BREEDPLAN

Angus	Dir	Dtrs	GL	BW	200W	400W	600W	MCW	MILK	SS	DtoC	CW	EMA	Rib	Rump	RBY%	IMF%	NFI-P	NFI-F	Doc
EBV	-0.2	+1.4	-2.1	+5.4	+53	+99	+142	+116	+21	+1.4	-1.0	+72	+2.5	-0.6	-0.5	-0.4	+1.8	+0.1	+0.1	--
ACC	47%	40%	59%	73%	68%	69%	72%	65%	53%	70%	39%	58%	57%	58%	59%	54%	53%	42%	45%	

Traits Observed: CE,BWT,200WT,400WT,600WT,SS,FAT,EMA,IMF
 Notes: Nonchalant N232 has a strong frame which is generously covered with layers of muscle and with a 600 Day Weight of +141 - top 1% his offspring will be winners.

\$INDEX VALUES			
ABI	DOM	GRN	GRS
+\$118	+\$105	+\$123	+\$119

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

Lot 54 GRANITE RIDGE NONCHALANT N266 (HBR) SJKN266
Verified to Sire

DOB: 11/05/2017 Tattoo: GCP N266 (T&F) AMFU NHFU CAFU DDFU
 TC ABERDEEN 759 WITHERSWOOD PERFORMER E49 (AI)
SIRE: SJKK66 GRANITE RIDGE KALAHARI K66 (AI) (ET) **DAM: SJKH39 GRANITE RIDGE WHISPER H39**
 VERMONT DREAM B272 (AI) (ET) GRANITE RIDGE WHISPER E160 (AI)

Mid December 2018 Angus Australia BREEDPLAN

Angus	Dir	Dtrs	GL	BW	200W	400W	600W	MCW	MILK	SS	DtoC	CW	EMA	Rib	Rump	RBY%	IMF%	NFI-P	NFI-F	Doc
EBV	+1.0	+2.1	-4.0	+4.4	+52	+101	+140	+105	+23	+2.5	-4.1	+73	+3.5	+0.8	+1.7	-1.1	+2.1	+0.4	+0.5	--
ACC	46%	40%	60%	73%	68%	69%	72%	65%	53%	71%	38%	58%	57%	58%	59%	54%	53%	42%	46%	

Traits Observed: CE,BWT,200WT,400WT,600WT,SS,FAT,EMA,IMF
 Notes: When you look at the pedigree of Nonchalant N266, you can understand that years of selective breeding has brought us to this bull, and the outstanding results. Should suit heifers.

\$INDEX VALUES			
ABI	DOM	GRN	GRS
+\$134	+\$115	+\$141	+\$132

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

Lot 55 GRANITE RIDGE NUCLEAR N123 (AI) (HBR) SJKN123

DOB: 27/03/2017 Tattoo: GCP N123 (T&F) AMFU NHFU CAFU DDFU
 RENNYLEA EDMUND E11 (AI) (ET) TE MANIA FOE F734 (AI)
SIRE: NORK447 RENNYLEA K447 (AI) **DAM: SJKJ153 GRANITE RIDGE DREAM J153 (AI)**
 RENNYLEA H457 (ET) GRANITE RIDGE DREAM F61 (AI)

Mid December 2018 Angus Australia BREEDPLAN

Angus	Dir	Dtrs	GL	BW	200W	400W	600W	MCW	MILK	SS	DtoC	CW	EMA	Rib	Rump	RBY%	IMF%	NFI-P	NFI-F	Doc
EBV	+1.4	+0.2	-5.6	+5.1	+49	+87	+118	+112	+15	+1.8	-7.1	+68	+5.7	+0.9	+0.3	+0.0	+2.5	+0.2	+0.3	--
ACC	48%	39%	85%	73%	68%	69%	73%	65%	54%	71%	40%	59%	58%	59%	60%	54%	55%	44%	47%	

Traits Observed: GL,CE,BWT,200WT,400WT,600WT,SS,FAT,EMA,IMF
 Notes: Things go up a notch when you put K447 over a Foe daughter, a bull with more frame and stretch. Nuclear N123 has high \$Indexes and will suit all markets.

\$INDEX VALUES			
ABI	DOM	GRN	GRS
+\$134	+\$115	+\$149	+\$125

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

Lot 56 GRANITE RIDGE NUCLEAR N104 (AI) (HBR) SJKN104

DOB: 24/03/2017 Tattoo: GCP N104 (T&F) AMFU NHFU CAFU DDFU
 RENNYLEA EDMUND E11 (AI) (ET) MOHNEN DYNAMITE 1356
SIRE: NORK447 RENNYLEA K447 (AI) **DAM: SJKG14 GRANITE RIDGE EVA G14 (AI)**
 RENNYLEA H457 (ET) GRANITE RIDGE EVA C169 (AI)

Mid December 2018 Angus Australia BREEDPLAN

	Dir	Dtrs	GL	BW	200W	400W	600W	MCW	MILK	SS	D to C	CW	EMA	Rib	Rump	RBY%	IMF%	NFI-P	NFI-F	Doc
EBV	+2.6	+1.7	-8.9	+4.1	+46	+82	+107	+107	+8	+2.1	-7.2	+63	+4.0	+2.4	+2.1	-0.2	+2.1	+0.2	+0.4	--
ACC	50%	41%	85%	74%	69%	69%	73%	67%	54%	71%	42%	59%	58%	60%	60%	55%	55%	46%	48%	

Traits Observed: GL,CE,BWT,200WT,400WT,600WT,SS,FAT,EMA,IMF

Notes: K447 features strongly in this catalogue, and many of his sons are suitable to use over heifers. Nuclear N104 is a good example showing that you do not have to sacrifice growth or carcase quality to have a live calf.

\$INDEX VALUES			
ABI	DOM	GRN	GRS
+\$127	+\$115	+\$136	+\$121

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

Lot 57 GRANITE RIDGE NUCLEAR N112 (AI) (HBR) SJKN112

DOB: 25/03/2017 Tattoo: GCP N112 (T&F) AMFU NHFU CAFU DDFU
 RENNYLEA EDMUND E11 (AI) (ET) COMFORT HILL 41-93 BUSHWACKER Z26 (AI)
SIRE: NORK447 RENNYLEA K447 (AI) **DAM: SJKF254 GRANITE RIDGE ELOXA F254**
 RENNYLEA H457 (ET) NARRANGULLEN ELOXA W60 (AI) (ET)

Mid December 2018 Angus Australia BREEDPLAN

	Dir	Dtrs	GL	BW	200W	400W	600W	MCW	MILK	SS	D to C	CW	EMA	Rib	Rump	RBY%	IMF%	NFI-P	NFI-F	Doc
EBV	+1.5	+0.0	-6.3	+5.6	+49	+84	+112	+115	+9	+1.7	-7.8	+67	+5.5	+1.0	+0.2	+0.3	+2.0	+0.1	+0.0	--
ACC	49%	40%	85%	75%	69%	70%	73%	67%	54%	71%	40%	59%	57%	59%	60%	54%	53%	43%	46%	

Traits Observed: GL,CE,BWT,200WT,400WT,600WT,SS,FAT,EMA,IMF

Notes: Nuclear N112 has the smooth lines of K447, being long and smooth sided, structurally correct with a good skin. A bull that has growth and carcase quality.

\$INDEX VALUES			
ABI	DOM	GRN	GRS
+\$129	+\$114	+\$140	+\$121

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

**Lot 58 GRANITE RIDGE NONCHALANT N278 (HBR) SJKN278
Verified to Sire**

DOB: 22/05/2017 Tattoo: GCP N278 (T&F) AMFU NHFU CAFU DDFU
 TC ABERDEEN 759 TE MANIA YORKSHIRE Y437 (AI)
SIRE: SJKK66 GRANITE RIDGE KALAHARI K66 (AI) (ET) **DAM: SJKG30 GRANITE RIDGE MARTINA G30 (AI)**
 VERMONT DREAM B272 (AI) (ET) GRANITE RIDGE MARTINA E57 (AI)

Mid December 2018 Angus Australia BREEDPLAN

	Dir	Dtrs	GL	BW	200W	400W	600W	MCW	MILK	SS	D to C	CW	EMA	Rib	Rump	RBY%	IMF%	NFI-P	NFI-F	Doc
EBV	+1.2	+3.2	-4.5	+4.5	+54	+101	+142	+129	+22	+2.4	-3.9	+77	+2.0	-1.7	-2.0	+0.2	+1.7	+0.0	+0.0	--
ACC	48%	42%	63%	73%	68%	69%	72%	66%	56%	68%	41%	59%	57%	58%	59%	54%	54%	44%	47%	

Traits Observed: CE,BWT,200WT,400WT,600WT,SS,FAT,EMA,IMF

Notes: We have a special spot for Martina G30, she is tall and long with great feet and a relaxed nature. The match with Kalahari has given us a great result. Should suit heifers.

\$INDEX VALUES			
ABI	DOM	GRN	GRS
+\$129	+\$113	+\$140	+\$125

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

Lot 59 GRANITE RIDGE NONCHALANT N213 (HBR) SJKN213

DOB: 21/04/2017 Tattoo: GCP N213 (T&F) AMFU NHFU CAFU DDFU
 TC ABERDEEN 759 DMM SHIFT 78S
SIRE: SJKK66 GRANITE RIDGE KALAHARI K66 (AI) (ET) **DAM: SJKF100 GRANITE RIDGE PAGENT F100 (AI)**
 VERMONT DREAM B272 (AI) (ET) COMFORT HILL PAGENT Z101 (AI) (ET)

Mid December 2018 Angus Australia BREEDPLAN

	Dir	Dtrs	GL	BW	200W	400W	600W	MCW	MILK	SS	D to C	CW	EMA	Rib	Rump	RBY%	IMF%	NFI-P	NFI-F	Doc
EBV	+0.1	+1.5	-1.2	+5.9	+47	+88	+131	+120	+15	+1.1	-0.8	+65	+0.5	-2.8	-2.7	+0.1	+1.7	-0.07	-0.21	--
ACC	46%	39%	62%	73%	68%	69%	72%	66%	55%	70%	37%	58%	56%	57%	58%	53%	52%	41%	44%	

Traits Observed: CE,BWT,200WT,400WT,600WT,SS,FAT,EMA,IMF

Notes: You can see in Kalahari K66 sons, the extra strength of bone he brings, they are like brick walls. He then coats that frame with layers of muscle.

\$INDEX VALUES			
ABI	DOM	GRN	GRS
+\$106	+\$96	+\$114	+\$105

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

Lot 60 GRANITE RIDGE NONCHALANT N280 (HBR) SJKN280

DOB: 24/05/2017 Tattoo: GCP N280 (T&F) AMFU NHFU CAFU DDFU
 TC ABERDEEN 759 RENNYLEA D372 (AI) (ET)
SIRE: SJKK66 GRANITE RIDGE KALAHARI K66 (AI) (ET) **DAM: SJKH207 GRANITE RIDGE EMILLESQUE H207 (AI)**
 VERMONT DREAM B272 (AI) (ET) GRANITE RIDGE EMILLESQUE E75 (AI) (ET)

Mid December 2018 Angus Australia BREEDPLAN

	Dir	Dtrs	GL	BW	200W	400W	600W	MCW	MILK	SS	D to C	CW	EMA	Rib	Rump	RBY%	IMF%	NFP	NFI-F	Doc
EBV	-5.3	-2.0	-1.2	+6.4	+52	+96	+135	+115	+19	+2.1	-3.0	+71	+5.8	-1.8	-2.1	+1.0	+2.3	+0.1	+0.1	--
ACC	48%	42%	63%	73%	68%	69%	72%	65%	54%	69%	41%	59%	57%	58%	59%	54%	54%	44%	47%	

Traits Observed: CE,BWT,200WT,400WT,600WT,SS,FAT,EMA,IMF

Notes: The Kalahari sons are some of the youngest in the groups, but they have done so well. Nonchalant N280 is definitely one for the cows.

\$INDEX VALUES			
ABI	DOM	GRN	GRS
+\$121	+\$105	+\$135	+\$115

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

Lot 61 GRANITE RIDGE NEW WAVE N83 (AI) (HBR) SJKN83

DOB: 22/03/2017 Tattoo: GCP N83 (T&F) AMFU NHFU CAFU DDFU
 MILLAH MURRAH EQUATOR D78 (AI) WK REPLAY
SIRE: HIOJ12 AYRVALE JAGGER J12 (AI) **DAM: SJKK17 GRANITE RIDGE JAPARA K17 (AI)**
 AYRVALE EASE E3 (AI) (ET) GRANITE RIDGE JAPARA H88

Mid December 2018 Angus Australia BREEDPLAN

	Dir	Dtrs	GL	BW	200W	400W	600W	MCW	MILK	SS	D to C	CW	EMA	Rib	Rump	RBY%	IMF%	NFP	NFI-F	Doc
EBV	+2.8	+2.6	-8.1	+4.4	+55	+95	+131	+120	+24	+2.5	-5.3	+72	+5.0	-0.1	-0.3	+0.4	+1.9	+0.0	+0.0	--
ACC	48%	40%	85%	73%	64%	63%	64%	59%	53%	58%	36%	56%	50%	58%	56%	53%	49%	43%	46%	

Traits Observed: GL,CE,BWT,200WT,400WT,600WT,SS,FAT,EMA,IMF

Notes: Jagger has delivered the goods here. Checkout the spread of figures - CED +2.8, GL -8.1, BW +4.4, 200D +55, 400D +95, 600D +131, Milk +24, CW +73 and \$Indexes in top 15%. Should suit cows or heifers.

\$INDEX VALUES			
ABI	DOM	GRN	GRS
+\$133	+\$117	+\$142	+\$128

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

Lot 62 GRANITE RIDGE NUCLEAR N191 (HBR) SJKN191

DOB: 16/04/2017 Tattoo: GCP N191 (T&F) AMFU NHFU CAFU DDFU
 RENNYLEA EDMUND E11 (AI) (ET) G A R EXPECTATION 4915
SIRE: NORK447 RENNYLEA K447 (AI) **DAM: SJKL190 GRANITE RIDGE BLACKBIRD L190 (AI) (ET)**
 RENNYLEA H457 (ET) VERMONT BLACKBIRD A298 (AI) (ET)

Mid December 2018 Angus Australia BREEDPLAN

	Dir	Dtrs	GL	BW	200W	400W	600W	MCW	MILK	SS	D to C	CW	EMA	Rib	Rump	RBY%	IMF%	NFP	NFI-F	Doc
EBV	+3.1	+2.4	-7.6	+4.8	+50	+85	+118	+116	+12	+3.0	-8.8	+72	+5.5	+1.4	+1.1	+0.4	+1.8	+0.2	+0.3	--
ACC	48%	40%	63%	73%	68%	69%	72%	65%	52%	70%	41%	59%	57%	58%	59%	54%	54%	44%	47%	

Traits Observed: CE,BWT,200WT,400WT,600WT,SS,FAT,EMA,IMF

Notes: The K447 sons keep on giving, we are at Lot 62 and the stars keep shining. Calving Ease is not all about the Birth Weight - but a lot about the shape of the calf. Nuclear N191 has it all. Should suit heifers.

\$INDEX VALUES			
ABI	DOM	GRN	GRS
+\$140	+\$119	+\$151	+\$132

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

Lot 63 GRANITE RIDGE NEGOTIATOR N87 (AI) (HBR) SJKN87

DOB: 23/03/2017 Tattoo: GCP N87 (T&F) AMFU NHFU CAFU DDFU
 MYTTY IN FOCUS TE MANIA BERKLEY B1 (AI)
SIRE: USA15719841 A A R TEN X 7008 S A (ET) **DAM: SJKH28 GRANITE RIDGE DREAM H28 (AI)**
 A A R LADY KELTON 5551 GRANITE RIDGE DREAM F27 (AI)

Mid December 2018 Angus Australia BREEDPLAN

	Dir	Dtrs	GL	BW	200W	400W	600W	MCW	MILK	SS	D to C	CW	EMA	Rib	Rump	RBY%	IMF%	NFP	NFI-F	Doc
EBV	+3.6	+3.9	-7.2	+2.5	+49	+85	+113	+97	+13	+2.2	-6.6	+66	+4.9	-0.1	-0.9	+0.7	+2.0	+0.1	+0.6	--
ACC	56%	51%	85%	75%	71%	72%	74%	69%	63%	73%	49%	64%	63%	64%	64%	61%	61%	52%	54%	

Traits Observed: GL,CE,BWT,200WT,400WT,600WT,SS,FAT,EMA,IMF

Notes: Negotiator N87 a Ten X son over a Berkley daughter, has all the credentials to be suitable for heifers or cows. He is a good rounded package, phenotype, soundness, growth and carcass quality.

\$INDEX VALUES			
ABI	DOM	GRN	GRS
+\$133	+\$120	+\$143	+\$127

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

Lot 64 GRANITE RIDGE NIRVANA N192 (HBR) SJKN192

DOB: 16/04/2017 Tattoo: GCP N192 (T&F) AMFU NHFU CAFU DDFU
 HINGAIA 469 (AI) ONEILLS EXPEDITION
SIRE: NMMK51 MILLAH MURRAH TEX K51 (AI) (ET) **DAM: SJKH91 GRANITE RIDGE EVA H91 (AI) (TW)**
 MILLAH MURRAH PRUE G89 NARRANGULLEN EVA A109

Mid December 2018 Angus Australia BREEDPLAN

	Dir	Dtrs	GL	BW	200W	400W	600W	MCW	MILK	SS	D to C	CW	EMA	Rib	Rump	RBY%	IMF%	NFI-P	NFI-F	Doc
EBV	-2.0	-1.4	-2.0	+4.8	+41	+76	+102	+94	+13	+2.2	-4.2	+52	+2.1	-0.7	-0.7	+0.6	+1.1	-0.18	-0.12	--
ACC	44%	36%	63%	73%	67%	68%	71%	64%	51%	70%	37%	57%	56%	57%	58%	53%	52%	41%	44%	

Traits Observed: CE,BWT,200WT,400WT,600WT,SS,FAT,EMA,IMF

Notes: Nirvana N192 is much better than his figures suggest. There is some outcross breeding in his pedigree which slants the EBVs.

\$INDEX VALUES			
ABI	DOM	GRN	GRS
+\$92	+\$92	+\$90	+\$93

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

Lot 65 GRANITE RIDGE NATURAL N254 (AI) (HBR) SJKN254

DOB: 05/05/2017 Tattoo: GCP N254 (T&F) AMFU NHFU CAFU DDFU
 K C F BENNETT PERFORMER G A R EFFICIENCY 7295
SIRE: CWJE49 WITHERSWOOD PERFORMER E49 (AI) **DAM: SJKE185 GRANITE RIDGE WILCOOLA E185 (AI)**
 WITHERSWOOD FLOWER C36 (AI) GRANITE RIDGE WILCOOLA B24 (AI)

Mid December 2018 Angus Australia BREEDPLAN

	Dir	Dtrs	GL	BW	200W	400W	600W	MCW	MILK	SS	D to C	CW	EMA	Rib	Rump	RBY%	IMF%	NFI-P	NFI-F	Doc
EBV	+0.8	+2.2	-2.0	+4.2	+43	+79	+94	+73	+19	+2.0	-3.1	+61	+4.7	-1.8	-0.9	+0.6	+2.5	+0.1	+0.2	--
ACC	52%	45%	85%	76%	71%	72%	74%	68%	63%	72%	40%	61%	61%	62%	62%	57%	56%	45%	46%	

Traits Observed: GL,CE,BWT,200WT,400WT,600WT,SS,FAT,EMA,IMF

Notes: This son of Witherswood Performer E49 is thick and deep like his sire. Should be suitable for heifers.

\$INDEX VALUES			
ABI	DOM	GRN	GRS
+\$105	+\$110	+\$112	+\$103

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

Lot 66 GRANITE RIDGE NUCLEAR N48 (AI) (HBR) SJKN48

DOB: 15/03/2017 Tattoo: GCP N48 (T&F) AMFU NHFU CAFU DDFU
 RENNYLEA EDMUND E11 (AI) (ET) JINDRA DOUBLE VISION
SIRE: NORK447 RENNYLEA K447 (AI) **DAM: SJKL61 GRANITE RIDGE ADELAIDE L61 (AI)**
 RENNYLEA H457 (ET) GRANITE RIDGE ADELAIDE H34 (AI) (ET)

Mid December 2018 Angus Australia BREEDPLAN

	Dir	Dtrs	GL	BW	200W	400W	600W	MCW	MILK	SS	D to C	CW	EMA	Rib	Rump	RBY%	IMF%	NFI-P	NFI-F	Doc
EBV	+2.2	+0.9	-4.7	+5.8	+49	+86	+115	+112	+12	+2.2	-6.9	+71	+6.0	+0.3	-0.5	+0.8	+2.0	+0.2	+0.1	--
ACC	48%	39%	85%	74%	68%	69%	72%	64%	52%	69%	39%	58%	57%	58%	59%	53%	54%	43%	46%	

Traits Observed: GL,CE,BWT,200WT,400WT,600WT,SS,FAT,EMA,IMF

Notes: Nuclear N48 is a thick soft young bull, who has strong growth and +70 for carcase weight. Should suit heifers.

\$INDEX VALUES			
ABI	DOM	GRN	GRS
+\$132	+\$118	+\$145	+\$124

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

**Lot 67 GRANITE RIDGE NEW TIME N302 (HBR) SJKN302
Verified to Sire**

DOB: 17/06/2017 Tattoo: GCP N302 (T&F) AMFU NHFU CAFU DDFU
 TC TOTAL 410 TE MANIA FOE F734 (AI)
SIRE: DXTK523 TEXAS KINGSLEY K523 (AI) (ET) (AI) (ET) **DAM: SJKJ74 GRANITE RIDGE DIAMOND J74 (AI)**
 TEXAS UNDINE Z183 (AI) GRANITE RIDGE DIAMOND G67 (AI)

Mid December 2018 Angus Australia BREEDPLAN

	Dir	Dtrs	GL	BW	200W	400W	600W	MCW	MILK	SS	D to C	CW	EMA	Rib	Rump	RBY%	IMF%	NFI-P	NFI-F	Doc
EBV	-0.4	+0.8	-2.1	+5.9	+57	+96	+134	+120	+15	+1.3	-3.1	+69	+8.9	-0.9	-1.1	+1.1	+1.6	+0.0	-0.04	--
ACC	44%	38%	62%	72%	66%	67%	71%	63%	53%	69%	37%	57%	55%	56%	57%	52%	52%	42%	44%	

Traits Observed: CE,BWT,200WT,400WT,600WT,SS,FAT,EMA,IMF

Notes: Texas Kingsley K523 has one of the biggest arses, being very deep and round. New Time N302 has added stretch from his Mother, making him a good well balanced bull.

\$INDEX VALUES			
ABI	DOM	GRN	GRS
+\$129	+\$115	+\$135	+\$128

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

Lot 68 GRANITE RIDGE NOTABLE N73 (AI) (TW) (HBR) SJKN73

DOB: 20/03/2017 Tattoo: GCP N73 (T&F) AMFU NHFU CAFU DDFU
 TUWHARETOA REGENT D145 (AI) (ET) TE MANIA BERKLEY B1 (AI)
SIRE: SJKJ23 GRANITE RIDGE JACKPOT J23 (AI) **DAM: SJKH15 GRANITE RIDGE SUPREME H15 (AI)**
 GRANITE RIDGE WHISPER C46 (AI) (ET) GRANITE RIDGE SUPREME E73 (AI) (ET)

Mid December 2018 Angus Australia BREEDPLAN

Angus	Dir	Dtrs	GL	BW	200W	400W	600W	MCW	MILK	SS	D to C	CW	EMA	Rib	Rump	RBY%	IMF%	NFI-P	NFI-F	Doc
EBV	+1.5	+0.0	-7.9	+4.8	+49	+86	+119	+114	+17	+0.4	-6.3	+78	+5.4	+0.6	-0.7	-0.3	+2.9	+0.3	+0.3	--
ACC	48%	43%	68%	71%	66%	66%	65%	60%	56%	58%	42%	58%	56%	60%	57%	55%	56%	44%	49%	

Traits Observed: BWT,200WT,400WT,600WT,SS,FAT,EMA,IMF

Notes: Jackpot has bred well for us and Notable N73 is a good example, having good growth and High Carcase Wt +78 (top 3%). Add to this an EMA of +5.3 and IMF +2.8 and you have a very handy bull.

\$INDEX VALUES			
ABI	DOM	GRN	GRS
+\$131	+\$111	+\$149	+\$121

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

Lot 69 GRANITE RIDGE NEGRO N77 (AI) (HBR) SJKN77

DOB: 21/03/2017 Tattoo: GCP N77 (T&F) AMFU NHFU CAFU DDFU
 TE MANIA 09 450 S A NEUTRON 377
SIRE: DXTJ600 TEXAS ALL BLACK J600 (AI) (ET) **DAM: SJKC173 GRANITE RIDGE SUMMERTIME C173 (AI)**
 TEXAS TOQUE D035 (AI) (ET) LAWSONS GAR TRAVELER T510 X632 (AI) (ET)

Mid December 2018 Angus Australia BREEDPLAN

Angus	Dir	Dtrs	GL	BW	200W	400W	600W	MCW	MILK	SS	D to C	CW	EMA	Rib	Rump	RBY%	IMF%	NFI-P	NFI-F	Doc
EBV	+2.3	+2.1	-7.5	+3.6	+45	+81	+108	+97	+14	+0.8	-4.4	+63	+1.0	+0.0	+1.2	-0.8	+1.7	+0.2	+0.2	--
ACC	47%	39%	85%	74%	68%	70%	72%	66%	56%	70%	39%	59%	57%	59%	54%	53%	43%	45%		

Traits Observed: GL,CE,BWT,200WT,400WT,600WT,SS,FAT,EMA,IMF

Notes: This All Black son should be suitable for heifers, with good calving ease and low birth.

\$INDEX VALUES			
ABI	DOM	GRN	GRS
+\$106	+\$102	+\$106	+\$107

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

Lot 70 GRANITE RIDGE NEW TIME N301 (HBR) SJKN301

DOB: 17/06/2017 Tattoo: GCP N301 (T&F) AMFU NHFU CAFU DDFU
 TC TOTAL 410 TE MANIA FOE F734 (AI)
SIRE: DXTK523 TEXAS KINGSLEY K523 (AI) (ET) (AI) (ET) **DAM: SJKJ210 GRANITE RIDGE DREAM J210**
 TEXAS UNDINE Z183 (AI) GRANITE RIDGE DREAM F93 (AI) (ET)

Mid December 2018 Angus Australia BREEDPLAN

Angus	Dir	Dtrs	GL	BW	200W	400W	600W	MCW	MILK	SS	D to C	CW	EMA	Rib	Rump	RBY%	IMF%	NFI-P	NFI-F	Doc
EBV	-0.5	+0.5	-2.2	+5.2	+54	+93	+127	+113	+17	+1.4	-1.8	+64	+7.6	-1.0	-1.2	+1.2	+1.6	-0.16	-0.27	--
ACC	45%	39%	59%	72%	67%	68%	71%	64%	53%	69%	38%	57%	56%	57%	52%	52%	42%	45%		

Traits Observed: CE,BWT,200WT,400WT,600WT,SS,FAT,EMA,IMF

Notes: The mix between Kingsley K523 and Dream J210 a Foe daughter has worked well. New Time N301 is full bodied with ample muscle.

\$INDEX VALUES			
ABI	DOM	GRN	GRS
+\$118	+\$111	+\$122	+\$119

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

Lot 71 GRANITE RIDGE NIGHHOOD N150 (AI) (HBR) SJKN150

DOB: 31/03/2017 Tattoo: GCP N150 (T&F) AMFU NHFU CAFU DDFU
 TE MANIA FOE F734 (AI) GRANITE RIDGE ECLIPSE A13 (AI)
SIRE: SJKK26 GRANITE RIDGE KAISER K26 (AI) **DAM: SJKC197 GRANITE RIDGE EUTHALLA C197**
 GRANITE RIDGE SUPREME F158 (AI) NARRANGULLEN EUTHALLA A14 (AI)

Mid December 2018 Angus Australia BREEDPLAN

Angus	Dir	Dtrs	GL	BW	200W	400W	600W	MCW	MILK	SS	D to C	CW	EMA	Rib	Rump	RBY%	IMF%	NFI-P	NFI-F	Doc
EBV	+0.3	+0.1	-1.8	+5.0	+49	+89	+120	+98	+18	+0.7	-4.0	+69	+5.2	+0.2	-0.1	+0.0	+1.4	+0.0	-0.15	--
ACC	45%	34%	85%	75%	70%	70%	73%	66%	53%	71%	35%	58%	58%	59%	59%	53%	53%	41%	42%	

Traits Observed: GL,CE,BWT,200WT,400WT,600WT,SS,FAT,EMA,IMF

Notes: A well balanced Kaiser K26 son, Granite Ridge Nighhood is sporting his quality hair and having plenty of growth, with a well balanced body.

\$INDEX VALUES			
ABI	DOM	GRN	GRS
+\$113	+\$106	+\$113	+\$114

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

Lot 72 GRANITE RIDGE NIGHHOOD N60 (AI) (HBR)

SJKN60

DOB: 16/03/2017

Tattoo: GCP N60 (T&F)

AMFU NHFU CAFU DDFU

TE MANIA FOE F734 (AI)

G A R EFFICIENCY 7295

SIRE: SJKK26 GRANITE RIDGE KAISER K26 (AI)
GRANITE RIDGE SUPREME F158 (AI)

DAM: SJKL57 GRANITE RIDGE CHARM L57 (AI)
GRANITE RIDGE CHARM H46 (AI)

Mid December 2018 Angus Australia BREEDPLAN

	Dir	Dtrs	GL	BW	200W	400W	600W	MCW	MILK	SS	D to C	CW	EMA	Rib	Rump	RBY%	IMF%	NFI-P	NFI-F	Doc
EBV	+2.8	+0.8	-4.1	+2.6	+47	+86	+110	+90	+22	+1.8	-5.7	+65	+6.9	-1.1	-1.5	+0.9	+2.1	+0.1	+0.0	--
ACC	44%	33%	85%	74%	69%	70%	72%	64%	49%	70%	33%	58%	58%	59%	59%	53%	53%	40%	42%	

Traits Observed: GL,CE,BWT,200WT,400WT,600WT,SS,FAT,EMA,IMF

Notes: A Kaiser K26 son that should suit heifers, with his calving ease and low Birth weight. His growth is strong and he has quality carcase - EMA +7.0, and IMF of 2.1. In top 25% of the breed for all \$indexes.

\$INDEX VALUES

ABI	DOM	GRN	GRS
+\$125	+\$118	+\$134	+\$120

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

Lot 73 GRANITE RIDGE NIRVANA N242 (AI) (HBR)

SJKN242

DOB: 02/05/2017

Tattoo: GCP N242 (T&F)

AMFU NHFU CAFU DDFU

HINGAIA 469 (AI)

ONEILLS EXPEDITION

SIRE: NMMK51 MILLAH MURRAH TEX K51 (AI) (ET)
MILLAH MURRAH PRUE G89

DAM: SJKH166 GRANITE RIDGE MISS VEGAS H166 (AI)
GRANITE RIDGE VEGAS D2 (AI) (ET)

Mid December 2018 Angus Australia BREEDPLAN

	Dir	Dtrs	GL	BW	200W	400W	600W	MCW	MILK	SS	D to C	CW	EMA	Rib	Rump	RBY%	IMF%	NFI-P	NFI-F	Doc
EBV	+0.8	+1.3	-4.1	+4.6	+45	+83	+113	+104	+14	+2.2	-4.3	+64	+2.6	-2.0	-2.0	+1.1	+1.0	-0.31	-0.29	--
ACC	44%	36%	84%	73%	66%	67%	65%	60%	51%	55%	35%	56%	52%	56%	54%	51%	52%	41%	44%	

Traits Observed: GL,CE,BWT,200WT,400WT,600WT,SS,FAT,EMA,IMF

Notes: Millah Murrah Tex K51 was purchased to bring volume to our Taller, leggy cows. This has worked a treat with Nirvana N242, who is solid, deep and thick. Scrotal of 45cm.

\$INDEX VALUES

ABI	DOM	GRN	GRS
+\$108	+\$105	+\$110	+\$107

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

Lot 74 GRANITE RIDGE NAVIGATOR N276 (HBR)

SJKN276
Verified to Sire

DOB: 20/05/2017

Tattoo: GCP N276 (T&F)

AMFU NHFU CAFU DDFU

G A R ULTIMATE

SITZ UPWARD 307R

SIRE: AHWF76 ABERDEEN ESTATE FIREBALL F76 (AI) (ET)
ARDROSSAN PRINCESS W38 (AI) (ET)

DAM: SJKF70 GRANITE RIDGE NEW EMPRESS F70 (AI)
GRANITE RIDGE NEW EMPRESS D25 (AI)

Mid December 2018 Angus Australia BREEDPLAN

	Dir	Dtrs	GL	BW	200W	400W	600W	MCW	MILK	SS	D to C	CW	EMA	Rib	Rump	RBY%	IMF%	NFI-P	NFI-F	Doc
EBV	-2.0	-3.1	-1.4	+4.9	+52	+93	+124	+109	+18	+1.5	-3.9	+78	+8.3	-1.8	-2.4	+1.6	+1.9	+0.2	+0.1	--
ACC	51%	45%	65%	74%	69%	70%	73%	67%	59%	71%	40%	60%	58%	59%	60%	55%	55%	45%	47%	

Traits Observed: CE,BWT,200WT,400WT,600WT,SS,FAT,EMA,IMF

Notes: We are at Lot 74 and the bulls are still presenting with well above average growth. Don't forget you get paid on weight.

\$INDEX VALUES

ABI	DOM	GRN	GRS
+\$122	+\$113	+\$132	+\$118

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

Lot 75 GRANITE RIDGE NEPTUNE N306 (HBR)

SJKN306

DOB: 20/06/2017

Tattoo: GCP N306 (T&F)

AMFU NHFU CAFU DDFU

BANGADANG WESTERN EXPRESS E10

EXAR UPSHOT 0562B

SIRE: DXTK524 TEXAS WESTERN EXPRESS K524 (AI) (ET)
TEXAS UNDINE X221 (AI)

DAM: SJKH305 GRANITE RIDGE LOWAN H305 (AI)
GRANITE RIDGE LOWAN F127 (AI)

Mid December 2018 Angus Australia BREEDPLAN

	Dir	Dtrs	GL	BW	200W	400W	600W	MCW	MILK	SS	D to C	CW	EMA	Rib	Rump	RBY%	IMF%	NFI-P	NFI-F	Doc
EBV	+0.8	-0.3	-6.5	+5.3	+51	+90	+125	+116	+16	+2.6	-4.8	+65	+2.8	-0.5	+0.3	+0.4	+1.4	+0.0	+0.0	--
ACC	44%	36%	61%	71%	61%	60%	60%	57%	52%	54%	34%	54%	46%	54%	53%	49%	50%	38%	43%	

Traits Observed: CE,BWT,200WT,400WT,600WT,SS,FAT,EMA,IMF

Notes: Neptune N306 is a strong, thick powerful young bull, having plenty of bone and muscle.

\$INDEX VALUES

ABI	DOM	GRN	GRS
+\$119	+\$108	+\$123	+\$118

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

Lot 76 GRANITE RIDGE NEPTUNE N290 (HBR) SJKN290

DOB: 03/06/2017 Tattoo: GCP N290 (T&F) AMFU NHFU CAFU DDFU
 BANGADANG WESTERN EXPRESS E10 TIBOOBURRA LACHIE A46 (AI)
SIRE: DXTK524 TEXAS WESTERN EXPRESS K524 (AI) (ET) **DAM: SJKD141 GRANITE RIDGE CHAMPAGNE D141**
 TEXAS UNDINE X221 (AI) WILLOW FIELDS CHAMPAGNE W1

Mid December 2018 Angus Australia BREEDPLAN

Angus	Dir	Dtrs	GL	BW	200W	400W	600W	MCW	MILK	SS	D to C	CW	EMA	Rib	Rump	RBY%	IMF%	NFI-P	NFI-F	Doc
EBV	+0.1	-0.8	-6.2	+5.6	+57	+102	+140	+144	+15	+2.9	-3.9	+73	+3.7	-1.3	-0.8	+1.2	+0.9	-0.17	-0.30	--
ACC	43%	33%	58%	73%	67%	68%	71%	65%	52%	69%	35%	58%	55%	56%	57%	51%	49%	40%	43%	

Traits Observed: CE,BWT,200WT,400WT,600WT,SS,FAT,EMA,IMF
 Notes: A son of Texas Western Express K524, Neptune N290 has growth in spadefuls. He is in the top 2% for all growth indexes and 8% for carcase weight. He is only young and will grow into a powerful bull.

\$INDEX VALUES			
ABI	DOM	GRN	GRS
+\$124	+\$113	+\$128	+\$123

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

Lot 77 GRANITE RIDGE NOBLE N248 (AI) (HBR) SJKN248

DOB: 04/05/2017 Tattoo: GCP N248 (T&F) AMFU NHFU CAFU DDF
 TE MANIA CALAMUS C46 (AI) BLACKMORE FRONT RUNNER Z69 (AI)
SIRE: VTMF734 TE MANIA FOE F734 (AI) **DAM: SJKD187 GRANITE RIDGE JAPARA D187**
 TE MANIA DANDLOO D700 (ACR) (AI) (ET) BLACKMORE JAPARA V7 (AI)

Mid December 2018 Angus Australia BREEDPLAN

Angus	Dir	Dtrs	GL	BW	200W	400W	600W	MCW	MILK	SS	D to C	CW	EMA	Rib	Rump	RBY%	IMF%	NFI-P	NFI-F	Doc
EBV	+0.7	-0.1	-3.3	+5.2	+46	+88	+124	+112	+22	+1.6	-5.0	+63	+5.3	+0.7	-0.2	+0.6	+1.4	+0.0	+0.2	--
ACC	50%	42%	84%	75%	70%	70%	73%	68%	60%	72%	40%	60%	60%	61%	61%	56%	55%	44%	46%	

Traits Observed: GL,CE,BWT,200WT,400WT,600WT,SS,FAT,EMA,IMF
 Notes: The last Foe son, Noble N248 is neat and correct, with high growth and carcase weight. We have missed Foe but are pleased at how well his daughters are breeding.

\$INDEX VALUES			
ABI	DOM	GRN	GRS
+\$122	+\$108	+\$128	+\$119

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

Lot 78 GRANITE RIDGE NIGHHOOD N17 (AI) (TW) (HBR) SJKN17

DOB: 09/03/2017 Tattoo: GCP N17 (T&F) AMFU NHFU CAFU DDFU
 TE MANIA FOE F734 (AI) KC HAAS GPS
SIRE: SJKK26 GRANITE RIDGE KAISER K26 (AI) **DAM: SJKJ81 GRANITE RIDGE BONNEY J81 (AI)**
 GRANITE RIDGE SUPREME F158 (AI) NARRANGULLEN BONNEY A283

Mid December 2018 Angus Australia BREEDPLAN

Angus	Dir	Dtrs	GL	BW	200W	400W	600W	MCW	MILK	SS	D to C	CW	EMA	Rib	Rump	RBY%	IMF%	NFI-P	NFI-F	Doc
EBV	+0.5	+2.0	-5.1	+5.1	+50	+89	+121	+114	+15	+2.4	-5.8	+67	+5.8	+0.7	+0.4	-0.1	+2.2	+0.1	+0.1	--
ACC	46%	35%	69%	70%	67%	68%	66%	60%	52%	59%	32%	56%	55%	58%	57%	53%	54%	41%	43%	

Traits Observed: BWT,200WT,400WT,600WT,SS,FAT,EMA,IMF
 Notes: Nighthood N17 is a more moderate Kaiser K26 son, but he is well above average for all growth, Carcase Weight, EMA, Both Rib & Rump Fat, Scrotal(44cm) and IMF +2.2. All his \$ Indexes are also well above average.

\$INDEX VALUES			
ABI	DOM	GRN	GRS
+\$128	+\$113	+\$139	+\$123

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

Lot 79 GRANITE RIDGE NIGHHOOD N3 (AI) (HBR) SJKN3

DOB: 01/03/2017 Tattoo: GCP N3 (T&F) AMFU NHFU CAFU DDFU
 TE MANIA FOE F734 (AI) A A R TEN X 7008 S A (ET)
SIRE: SJKK26 GRANITE RIDGE KAISER K26 (AI) **DAM: SJKL64 GRANITE RIDGE DREAM L64 (AI)**
 GRANITE RIDGE SUPREME F158 (AI) GRANITE RIDGE DREAM G22 (AI) (ET)

Mid December 2018 Angus Australia BREEDPLAN

Angus	Dir	Dtrs	GL	BW	200W	400W	600W	MCW	MILK	SS	D to C	CW	EMA	Rib	Rump	RBY%	IMF%	NFI-P	NFI-F	Doc
EBV	+4.2	+3.5	-10.6	+2.9	+54	+93	+131	+104	+21	+1.6	-5.2	+73	+7.5	+0.8	+0.0	+0.7	+1.6	+0.1	+0.3	--
ACC	47%	36%	85%	74%	69%	70%	72%	65%	51%	70%	36%	58%	58%	59%	60%	54%	55%	42%	44%	

Traits Observed: GL,CE,BWT,200WT,400WT,600WT,SS,FAT,EMA,IMF
 Notes: Nighthood N3 is such a neat looking bull, he is so well put together. He is a true heifer bull with lots of extras. Take a moment to look through his EBVs and then take another look at the bull!

\$INDEX VALUES			
ABI	DOM	GRN	GRS
+\$140	+\$122	+\$145	+\$138

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

Lot 80 GRANITE RIDGE NIRVANA N262 (AI) (HBR) SJKN262

DOB: 09/05/2017 Tattoo: GCP N262 (T&F) AMFU NHFU CAFU DDFU
 HINGAIA 469 (AI) R/M IRONSTONE 4047
SIRE: NMMK51 MILLAH MURRAH TEX K51 (AI) (ET) **DAM: SJKJ240 GRANITE RIDGE ALISON J240 (AI)**
 MILLAH MURRAH PRUE G89 THE GRANGE ALISON E137 (AI)

Mid December 2018 Angus Australia BREEDPLAN

	Dir	Dtrs	GL	BW	200W	400W	600W	MCW	MILK	SS	D to C	CW	EMA	Rib	Rump	RBY%	IMF%	NFI-P	NFI-F	Doc
EBV	-5.0	-0.6	+1.2	+5.9	+49	+89	+121	+115	+15	+3.5	-6.1	+70	+4.4	-0.9	-1.0	+0.6	+1.2	-0.12	-0.17	--
ACC	46%	38%	84%	74%	68%	68%	71%	64%	52%	70%	39%	58%	56%	58%	59%	53%	53%	43%	46%	

Traits Observed: GL,CE,BWT,200WT,400WT,600WT,SS,FAT,EMA,IMF

Notes: A long, deep, smooth bodied son of Millah Murrah Tex K51. Nirvana N262 will bring length, thickness and growth to your herd.

\$INDEX VALUES			
ABI	DOM	GRN	GRS
+\$107	+\$98	+\$111	+\$105

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

Lot 81 GRANITE RIDGE NAPOLEAN N206 (TW) (HBR) SJKN206

DOB: 20/04/2017 Tattoo: GCP N206 (T&F) AMFU NHFU CAFU DDFU
 BANGADANG WESTERN EXPRESS E10 S A V HEAVY HITTER 6347
SIRE: DXTH639 TEXAS WESTERN EXPRESS H639 (AI) (ET) **DAM: SJKH1 GRANITE RIDGE CHARM H1 (AI)**
 TEXAS UNDINE Z183 (AI) LAWSONS GAR TRAVELER T510 X581 (AI) (ET)

Mid December 2018 Angus Australia BREEDPLAN

	Dir	Dtrs	GL	BW	200W	400W	600W	MCW	MILK	SS	D to C	CW	EMA	Rib	Rump	RBY%	IMF%	NFI-P	NFI-F	Doc
EBV	+4.2	+1.3	-8.6	+3.0	+45	+84	+113	+105	+20	+1.9	-3.4	+65	+4.2	-0.2	+0.3	+0.5	+1.3	+0.0	-0.02	--
ACC	46%	38%	68%	71%	67%	68%	67%	61%	56%	59%	34%	57%	55%	58%	56%	52%	54%	39%	43%	

Traits Observed: BWT,200WT,400WT,600WT,SS,FAT,EMA,IMF

Notes: The only Texas Western Express H639 son in the sale, and he is a long, good looking fellow. Napoleon N206 should be suitable for Heifers or cows. Charm H1 is an early calver.

\$INDEX VALUES			
ABI	DOM	GRN	GRS
+\$110	+\$106	+\$109	+\$112

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

Lot 82 GRANITE RIDGE NEPTUNE N281 (HBR) SJKN281
Verified to Sire

DOB: 24/05/2017 Tattoo: GCP N281 (T&F) AMFU NHFU CAFU DDFU
 BANGADANG WESTERN EXPRESS E10 NICHOLS QUIET LAD T9
SIRE: DXTK524 TEXAS WESTERN EXPRESS K524 (AI) (ET) **DAM: SJKF57 GRANITE RIDGE NEW TIME F57 (AI)**
 TEXAS UNDINE X221 (AI) GRANITE RIDGE NEW TIME D107 (AI) (ET)

Mid December 2018 Angus Australia BREEDPLAN

	Dir	Dtrs	GL	BW	200W	400W	600W	MCW	MILK	SS	D to C	CW	EMA	Rib	Rump	RBY%	IMF%	NFI-P	NFI-F	Doc
EBV	-1.0	-1.4	-6.2	+3.8	+49	+87	+108	+95	+19	+1.7	-5.2	+62	+2.2	+0.8	+1.1	-0.1	+1.0	-0.09	-0.25	--
ACC	45%	36%	61%	73%	67%	68%	71%	65%	53%	69%	34%	57%	54%	56%	56%	51%	49%	39%	40%	

Traits Observed: CE,BWT,200WT,400WT,600WT,SS,FAT,EMA,IMF

Notes: Neptune N281 is a more moderate Western Express K524 son, who has a low birth weight and well above average growth, topped by some positive fat.

\$INDEX VALUES			
ABI	DOM	GRN	GRS
+\$97	+\$101	+\$89	+\$101

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

Our Thanks

We would like to thank all purchasers and underbidders as well as all visitors for supporting the Granite Ridge Bull Sale.

It is you all who make the day a success and we are very grateful for your attendance and would like to invite you to join us after the sale for a BBQ and refreshments.

GRANITE RIDGE : BUYERS INSTRUCTION SHEET

PURCHASER DETAILS

Name:

Address:

.....Postcode:

Telephone: Fax:

Email:

Signature:

DELIVERY INSTRUCTIONS

Lots Purchased:

Special Instructions:

.....

.....

.....

.....

.....

.....

REGISTRATION TRANSFER DETAILS

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

Yes

Society ID No.

No

INSURANCE

Do you require insurance cover?

Yes

No

ACCOUNT SETTLEMENT

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

Agent: Signature:

SALE CATALOGUE DISCLAIMER

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

DNA PATERNITY VERIFICATION

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

PRIVACY INFORMATION

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

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

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

I, the buyer of animals with the following registration numbers

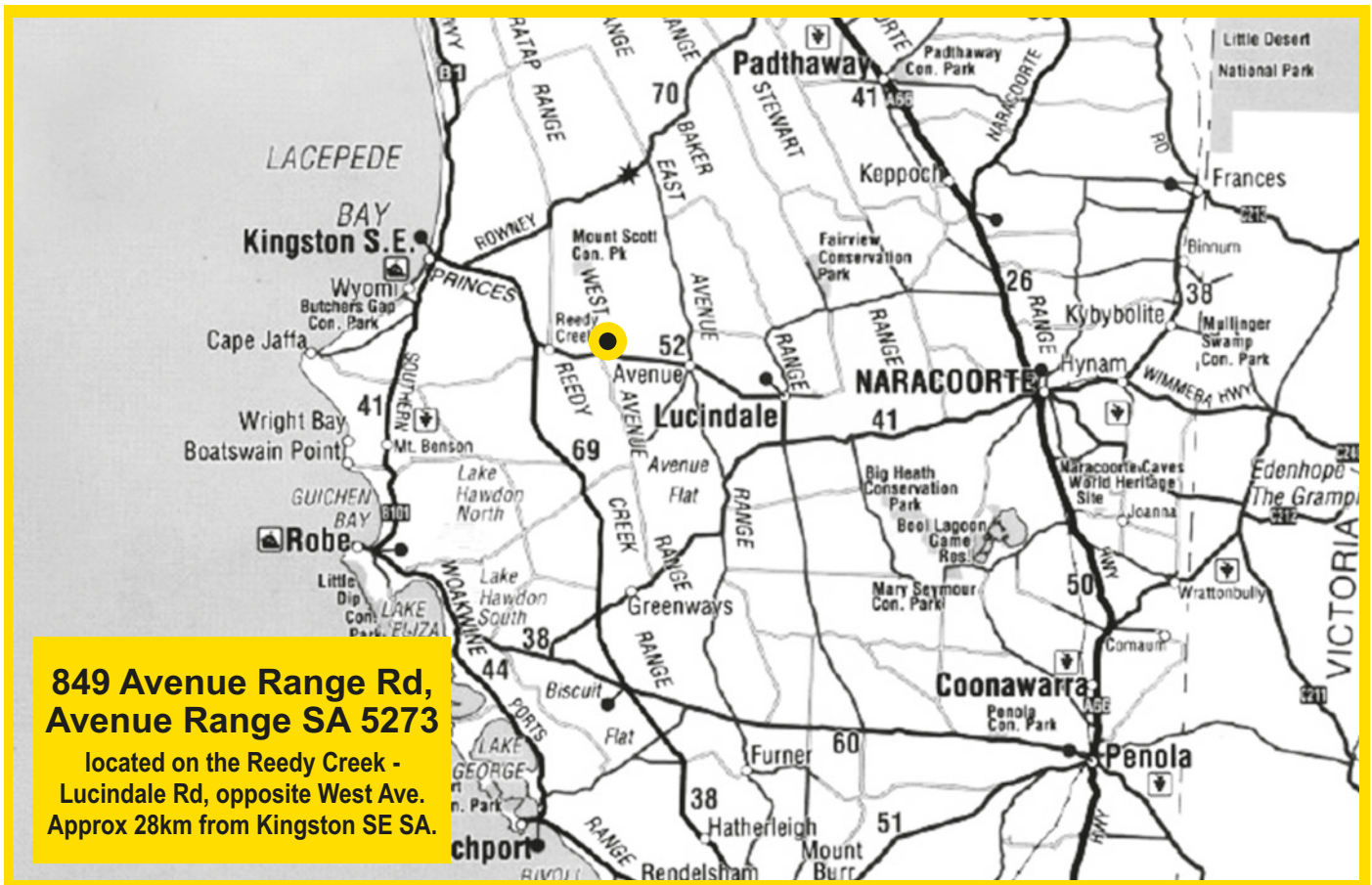
.....
.....

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

Signature:

Date:

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



STEER BACKGROUNDING VENTURE

The Granite Ridge breeding philosophy has always been about weight for age and carcass.

In 2016 we decided to set up a buy-back program of Granite Ridge sired steers to prove what our cattle can do.

This program has been more successful than we could ever have hoped. All feed-back has been very positive, proving that the Granite Ridge breeding program is on track genetically and profitably for our Clients.

Anyone can take their best steers and enter them into carcass competitions and win top prizes. Granite Ridge has sent hundreds of GR sired steers to a feedlot and then on to kill. This year when 2 Double loads were killed, every carcass was passed with an average return of 64 percent carcass weight - the Feedlot was contacted asking them to send more like these.

This gives you the true picture of accurate results.

It is my belief that you have to be honest to yourself when breeding Seedstock cattle, as this honesty flows on to our Clients, ensuring them a profitable future as well as ours.

We would like to thank Alan and Coralee Gillogly of Montrose Feedlot and their team for their loyal support by buying our steers and for supplying feedback that has proven our high-quality results.



Some of the 100 carcasses Yielding 64% Carcass Weight



Lot 10 Granite Ridge New Wave N47



BJ'S

BLACK

Granite Ridge

GOLD

ANGUS STUD

Lot 38 Granite Ridge Nuclear N89



BJ'S

ROCK SOLID GENETICS