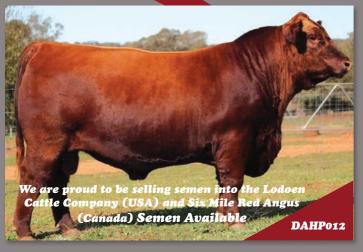
Red Angus 2023 ANNUAL



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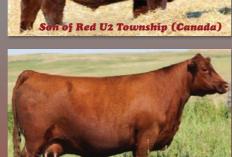












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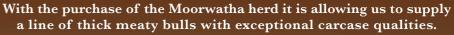












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University of New England Armidale NSW 2351



(02) 6773 3022



red.angus@abri.une.edu.au



www.redangus.org.au



Red Angus



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PRESIDENT Mr Stuart Greenwood Mr David Hobbs FELTON QLD 4358 T: 0429 903 010



VICE PRESIDENT MOLONG NSW 2866 T: 0427 511 345 stuart@greenwoodparkred.com.au dahobbs@bigpond.com



Mr Daryl Schipp ALFREDTOWN NSW 2650 daryl.schipp@bigpond.com



Mr Andrew Hicks HOLBROOK NSW T: 0427 147 258 aahicks@bigpond.com



Ms Josie Beveridge **BISHOPSBOURNE TAS** T: 0487 357 257 chaleangus@activ8.net.au



Mr Mark Llewellyn KEITH SA T: 0417 830 352



TREASURER

T: 0427 227 590

Mr Kent Muir PERUP WA T: 0438 724 282 northwindfarming18@gmail.com wyndarra@antmail.com.au



Mr Peter Simmie YUROKE VIC T: 0413 486 303 prsimmie@bigpond.com



Executive Officer Ms Josephine McGarth Weber T: 02 6773 3022

E: red.angus@abri.une.edu.au

Registrar Ms Claudia Scott

T: 02 6773 3341 E: red.angus2@abri.une.edu.au

Technical Officer

Dr Boyd Gudex T: 02 6773 1711 E: Boyd@sbts.une.edu.au

Breedplan Processing

T: 02 6773 3555

E: redangus@breedplan.une.edu.au

Life Members

Mr Frank Pearson (dec) Mrs Barbara Birch Mrs Judy Frankenberg Mr Ryves Hawker (dec) Mr Warwick Tom Mr Bob Knott (dec) Mr Ross Collard





Redgums sold bulls sired by Redgums Mr. Mulberry P8 at the Tullimba Invitational sale for an average of \$14000. Bulls by RAML Payload lined up for the 2022 sale.



sells at the 'MUST BE REDS' sale Barnawatha February 9th 2023.

Young bull

Redgums

'The Dude'

MCDS1

Credit to MAVSTAR photography

President's Report

STUART GREENWOOD

Congratulations to Daryl Schipp, Toni Nugent and the team for arranging a successful two-day forum in Wagga Wagga in May 2022 with over 40 members attending. The forum was very industry focused and included events such as the tour of meat industry facilities at the Charles Sturt University, talking with Rod Polkinghorn, Birkenwood International, a presentation on how taste is measured by trials then participating in the global taste testing process and touring the University feed trial site. This visit was arranged at short notice with the feedlot planned trip unable to be achieved through wet weather. All those attending had positive feedback. Informative sessions were delivered by a range of contributors including Dr Boyd Gudex from Southern Beef Technology Services (SBTS), the senior IGS team from the US over Zoom facilitated by Andrew Hicks, Dr Shane Thomson from Holbrook Vet Centre who provided great insight into the BBSE benefits for bull selection, Ian McDuie for a marketing update, Dr Tim Elliot from Virbac Animal Health Team who talked around the challenges of resistance. There were many others and our thanks go to all for participating. Josephine who jumped in to keep the technology working should not be overlooked.



Our thoughts go out to those who have suffering floods and those who are still recovering their numbers after drought. With widespread floods impacting many parts of the country we can but offer a supportive ear and if there is anything the Society can do to help getting through the tough times please reach out.

We as passionate breeders understand the benefits of the breed we love. The challenge remains to prove it to buyers who are ever more focused on performance data. This is both within the breed and increasingly across breeds as producers make ever increasing investments in bulls. At Council this involves a lot of time and at times very passionate discussions around key issues of BREEDPLAN and IGS and genomics and indexes as to which is the correct path. The number of BREEDPLAN members is quite low and recording members even lower. This impacts the accuracy of the comparative measures and adds to an argument towards an alternate system across countries and breeds more relevant. Access to genomics is being sought from our peer breeds and participating in this technology stays as a focus. Much more work to do in this space which we hope to present to members in the near year.

Averages and clearance rates across the board have been strong. There have been a number of sales of note in the year with Hicks Red Angus selling to \$33,000 (Hicks Marble Bar R48), Power of Red to \$22,000 (Boonyouin Reality R29), strong sales in the early 2022 Western Australia (including a Red Angus bull purchased for \$32,000 at an Angus sale) and The Invitational Bull Sale top price of \$28,000 (Yallambee Goldmaster R8). Congratulations to all.

To further the breed, we need to be innovative which we can see occurring. For example, the second feed efficiency trial and its associated Invitational Sale saw 50 bulls with red genetics catalogued. A well done to Graham Jordan and the sale committee for bringing together a group of 13 vendors to participate. The black coated red gene carrier bulls at the Invitational sale in 2022 sold well and in line with their red coated counterparts. I commend the sale committee for their detailed explanation of the genetic possibility from using those sires and likely outcome colour wise to avoid any surprises to unaware purchasers.

Council continues its focus on the integrity of the herd book and the promotion of the breed. Regular meetings are held via Zoom. We hope 2023 brings a greater focus on the Youth Committee. We have announced the relaunch of the Youth Committee and know that the future of the breed is with our junior members. It is important to support the endeavours of the youth in our Society. The Council acknowledges how important junior members are for the progress of the breed. It is fantastic to know that there are enthusiastic juniors who are determined to create a successful Youth Committee. Once established, they hope of running events throughout the year.

The newsletter I trust has also kept members a little more informed of what is happening at council and also provides information across the areas we reach. Please contribute content via Josephine and share the knowledge and experiences that make you love the breed.

In closing I thank Josephine, Claudia and the ABRI team together with my fellow councillors for their input, assistance and guidance throughout the year. It is indeed appreciated.

Very best regards

Stuart Greenwood



www.greenwoodparkred.com.au



Executive Officer's Report

JOSEPHINE MCGRATH WEBER

It is surreal to be at the back end of year and looking back on how much I have learnt in the past twelve months in my position as Executive Officer for the Red Angus Society! I started my role in January after completing a Bachelor of Agriculture/Bachelor of Business at the University of New England, Armidale. Throughout this year, I have had the pleasure of working with a great Council, who have been ever so helpful in the transition into the role. I have found the Council to be very friendly and are always open for constructive conversations. I hope members have also taken the chance to call Councilors if needed. I have also had many opportunities to chat on the phone to members (and meet in person), which is always a highlight of my day.

In March, I attended the ABS Conference in Tamworth, NSW. I thoroughly enjoyed this event, in particular the opportunity to listen to experts in the industry and the tours to local beef properties. Dr Breanna Roque, from FutureFeed, presented on Climate and Cattle and the research with using seaweed to reduce emissions. I find this research on Asparagopsis seaweed very fascinating (this is featured in our magazine).

In May, I travelled to Tamworth again to attend the Red Reflections Female Genetics Sale at the Powerhouse Hotel and The Invitational Bull Sale. This was my first opportunity to meet our members and breeders, and see how passionate they are about their stock. Both sales were a success and a tribute to the dedication of the breeders! This sale broke the then current record for a Red Angus bull; Yallambee Goldmaster R8 selling for \$28,000. The following few days I was in Wagga Wagga for the Red Angus Members Forum. This was a fantastic event and I thoroughly enjoyed meeting more members who travelled from various locations. It was a great opportunity to listen to quality presentations from industry professionals, surrounded by like-minded people.

ABS Conference Farm Tour-Bowen Poll Hereford & Angus

as year brought back normality for most, allowing local ents back in the class. We have seen terrific prices in the bull sales. However, unfortunately a lot of people

For most producers, 2022 has been a great year! This year brought back normality for most, allowing local and Royal shows to proceed, as well as school students back in the class. We have seen terrific prices in commercial sales and records continue to break in stud bull sales. However, unfortunately a lot of people have experienced tragedy in flood disasters. I know people on the land are resilient and hard working, yet this often prevents us from seeking help. Please continue to use the Society as an opportunity to reach out for help through challenges on the land.

Working in agriculture, and in particular the beef industry, shows how diverse and rewarding a career in this field can be! My role has allowed me to complete many different tasks on a weekly basis and connect with people all over Australia (and the world in some cases). The service providers, ABRI, Claudia and I are looking forward to the new year and working with you. We endeavor to help you and your needs, so please contact the Society if you ever need assistance.

I hope to meet more members in the future and continue share your success stories with others!

Kind regards,

Josephine McGrath Weber





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10 RED ANGUS

Founding Members Feature



Barbara Birch

Jillangolo Red Angus

Measurement for management pays dividends

Simone Smith, Free Range Ag

There were a few "choice" words muttered by Barbara Birch when she answered a phone call from her father 55 years ago.

Frank Pearson was phoning from Tasmania to inform his daughter that he'd bought a new bull.

At the time, the family was breeding Black Angus, and established the Jillangolo stud in 1962.

"We'd marked the bull catalogues, before he went ...all black ones," Barbara said.

"When he rang and said "I've bought a bull", it was none of the ones from the catalogue. He said 'it's from a performance recording herd, and incidentally, he's Red'."

The arrival of 'Emu Vale Red Fury' was a turning point in the Jillangolo breeding direction.

This sire, from one of the foundation Red Angus herds in Australia, was used to breed some of Jillangolo's Black Angus females and then a "handful" of cast-for-age Red Angus cows purchased from Robin Ritchie at Blackwood Station.

It was soon clear that the progeny from the Red sire were outperforming others.

This meant more and more red animals were retained and the Jillangolo herd started changing colour.

Inspired by friends in the United States of America and his occupation as an engineer, Barbara said her father "measured" traits of animals long before the modern genetic evaluation system called BREEDPLAN was introduced.

She said he liked objective data to enable comparisons between animals.

"Everytime we used a new sire in the herd, the first three-to-four first-drop of bull calves were sent as steers to carcass competitions or the local butcher to be measured," Barbara said.

"They were measured because he believed the only measure of a beef bull was the quality of his steer calves"

Put simply, Frank judged a bull by "the beef he produced".

This approach to evaluating herd sires meant Jillangolo was a regular entrant in the Aus-Meat National Trials, which ran from 1988-1996, as well as the Gippsland Premier Steer Trials.

Jillangolo won two Aus-Meat National Trials and placed within the top eight, six times.

Barbara said her father used these carcass competitions as confirmation Jillangolo "produced the right animals".

"Yes we used it for advertising, it was good for advertising," she said.

"But as far as Dad was concerned, it was the satisfaction of the Red Angus having beaten all these other breeds. It was 'aha, yes, we do produce the best beef'."

The Jillangolo-bred Red Kevin U213 delivered a lot of success for the stud in carcass competitions, with semen from his son Red Kevin A122 even exported to renowned US breeder Jim Leachman in 1987.

Jillangolo's progeny was also sold to Cuba in the early 1980s as a cross for the smaller native, horned cattle and to form the basis of the Red Angus breed in that country. Bulls and breeding cows were sold to all Australian states and two bulls went to New Zealand.

Many Australian Red Angus studs still benefit from Jillangolo bloodlines today.

Barbara said their animals were run in their "natural condition" with little supplementary feeding, so buyers could be confident in their ability to thrive in any conditions.

"We were selling bulls to Alice Springs, North Queensland and they weren't going to get grain fed up there," she said.

"One chap said to us 'we know what the bulls have eaten, so we know they will survive at my place'. He was in North Queensland."

Jillangolo was sold to the Liewellyn family near Keith in South Australia a decade ago, with the new owners continuing the stud's success, snagging broad ribbons in show rings throughout the country.

Some of Frank and Barbara's commercial cows were retained

by Barbara's daughter Kate and son-in-law Mark Hanneysee at Bunyip, Victoria as part of their packaged meat business.

Frank and Barbara may not breed Red Angus anymore, but the mark they left on the breed is nothing short of game changing.

Frank was instrumental in forming the Red Angus Society, attending the first meeting in 1970 and taking a counsellor position at the General Meeting in August that year. He also served several terms as president.

In the initial years, Frank also worked as a voluntary inspector for the society. In those times animals were required to be

physically inspected for registration.

As Red Angus Society foundation members, with a penchant for measuring production and performance characteristics, it was no surprise Jillangolo was one of the five studs to contribute herd data to establish BREEDPLAN for Red Angus.

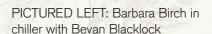
Barbara said the Red Angus Society was a group of people with "similar interests and similar pleasures" and from this, many friendships were formed.

At peak, Jillangolo had up to 180 breeders, with the animals providing "a lot of satisfaction".

"We liked the cattle and wanted to breed the cattle we liked and we could find these cattle in the Red Angus breed," Barbara said.

"The Red Angus kept giving us the cattle we liked the best and gradually we got out of the Black Angus as well.

"It gave us satisfaction to walk down the paddock and look at the cattle we like and enjoy our cattle."



PICTURED BELOW: New Jillangolo Stud Owners Llewellyn Family





Founding Members Feature



Judy Frankenburg

Moorwatha Red Angus

Stud breeding delivers a lifetime of learning

Simone Smith, Free Range Ag

The paperwork, measuring, monitoring and breeding better cattle.

Everything about operating a stud Red Angus herd appealed to Judy Frankenberg and her husband Roger.

And the fact they were foundation members of the breed society, was just a bonus.

"We thought, 'here was a society we could join and be part of it', we were interested because we liked the Red Angus," Judy explained.

"Stud breeding is a more organised way of improving your cattle. Operating as a stud meant we kept records and fairly early on (in our stud) we got a set of scales to record the animal's performance for ourselves, before formal performance recording was introduced.

"With improved record keeping we felt we could improve our cattle."

The Frankenbergs established Moorwatha Red Angus in 1970 after initially breeding commercial beef cattle at Howlong in NSW

Twelve cows from the Tasmanian Emu Vale herd were the foundation of Moorwatha, with Red Angus appealing to Judy and Roger because of their management and carcass quality attributes.

But it was the influence of local breeder and friend Frank Hood that really got them over the line.

Initially the Frankenbergs purchased a Red Angus- Shorthorn bull from Frank for use in their commercial herd.

This bull was "fabulous" but Judy and Roger wanted to go one step further and use a straight Red Angus across some of their quality Black Angus and Hereford commercial cows.

Moorwatha's first sire was a Kywanna bull called Moorwatha Rudolph. A descendant of Kywanna Andy - a Red Angus imported by Frank Hood from the United States - Judy and Roger used him across their commercial herd in the initial stages of moving towards a Red Angus stud.

"We built the herd by joining this and subsequent sires to high quality commercial Black Angus cows as there were very few red females available at that time," Judy said.

"The female progeny, carrying the red gene, were rejoined to a red bull and we gradually turned the herd red."

Judy and Roger aimed to breed "easy doing", sound, moderate-sized cattle with good milk and low birth weights for easy calving.

Advice from the Red Angus inspectors, appointed by the Red Angus Society, was useful to improve the breeding strategies at Moorwatha.

"The society had an inspector system that was really helpful at the beginning," Judy said.

"They were firm with us about which (animals) were good ones and which weren't. We didn't get many rejects, but the inspectors were fairly frank in pointing out what could be improved."

In the early years of the Red Angus Society there were limited Red Angus bloodlines available to broaden the genetic base of Australian herds, according to Judy.

Artificial insemination ensured Moorwatha were able to use imported bloodlines, but artificial breeding made sense for other reasons.

"It was difficult to trek around the countryside looking for a bull, I also had three young children, so it was easier to buy a few straws of something that looked promising," Judy said.

"From that, we'd hope to get a few heifers and keep a bull to use over our herd. We were lucky enough to get two or three handy bulls and improve the size and the frame of our cattle without them getting too big."

The establishment of Moorwatha Red Angus and the Red Angus Society was against the backdrop of drought throughout the 1970s.

Judy said cattle prices struggled during this time and she remembered selling 15 heifers for just \$30 at the time - or \$2 each - a week before the government introduced a \$10 base price for cattle.

So, it was no surprise, the sale of a Red Angus bull for \$500 to another stud breeder rated as a career highlight for Judy.

"Selling bulls was tough in the 70s," she said.

"This one was a hand-reared bull...so we were pretty chuffed."

Moorwatha's clientele was mostly local commercial beef producers using Red Angus for crossbreeding. Many were repeat buyers.

Describing themselves as "better breeders than feeders" Judy and Roger preferred to enter carcass and feedlot competitions rather than parade cattle in showrings.

Judy said carcass competitions - especially those where the animals were on "equal footing" - fairly demonstrated the quality of each animal.

Moorwatha steers had several significant wins over the years and Judy said this confirmed they were "on the right track".

Another way Moorwatha worked to improve its breeding was through objective cattle measures.

Within HERD BREEDPLAN, Moorwatha was able to enter a lot of data, which was very useful in ranking the cattle in the herd, Judy said.

But GROUP BREEDPLAN was not available to Red Angus - the Red Angus BREEDPLAN service began in 1998 - so between herd comparisons were not available.

In an attempt to overcome this, Moorwatha joined with other Red Angus studs Jillangolo, Anama, and Rosedurnate to create what was called a "Joint BREEDPLAN".

"By putting the data from the four herds into one database, comparisons could be made between all the cattle," Judy said.

"The increased numbers made the figures more accurate."

After almost 50 years of breeding Red Angus, Moorwatha was sold four years ago to the Hobbs family from Molong, NSW.

Thankfully, the Moorwatha herd remained on agistment at the Frankenberg's "Warrangee" property, so Judy continues to have the pleasure of watching her cows in the paddock.

Judy said the friendships she developed from her involvement with the Red Angus Society, and her time as a Councillor were her most treasured memories from breeding cattle.

After such humble beginnings, Judy's also pleased how the breed has now "taken-off" in Australia and is excited to see where it will go.

"It's marvelous how big the society is now," she said.

"Red Angus are now a significant breed."





Founding Members Feature



Rosedurnate Red Angus

Working with Reds leads to a lifetime of friendships

Simone Smith, Free Range Ag

Not all red bulls are the same, just ask Warwick Tom.

The NSW cattle breeder discovered this harsh reality more than 40 years ago when he attempted to solve the family's Shorthorn calving difficulties with a Santa Gertrudis first-cross bull.

This wasn't a successful venture, the heterosis effect resulted in the loss of four calves from 26 heifers.

But it did have a silver lining.

Warwick, his wife Mary, and his brothers were subsequently introduced to the Red Angus breed by renowned breeder Lin Sanderson.

And they never looked back.

"We bought a Red Angus bull, Tiawalla Bandobras from Geoff Sanderson, Lin's son at Tia stud in the New England area," Warwick said.

"We didn't have problems after that, the little Red Angus-cross calves were popping out easily. It made a fantastic difference going around the stock, a big improvement".

The Tom family registered their Red Angus stud named "Rosedurnate" in 1972 after purchasing two Emu Vale females with Red heifer calves-at-foot from Associated Forest Holdings, Tasmania at the inaugural Red Angus Sale in Dandenong, Victoria.

Their stud name, Rosedurnate, was a nod to the Tom family's Scottish ancestors.

Rosedurnate grew to include 25 stud breeders with bloodlines from major studs in Australia, the United States of America and Canada.

The stud herd ran alongside the property's other crossbred beef herds

Stud bulls were sold throughout Western NSW for crossbreeding and to beef producers chasing calving ease sizes

There were also many repeat buyers.

Aware of the benefits of performance recording in beef herds, Rosedurnate Red Angus joined four other studs to create their own Red Angus Performance Group.

This group, including the Langvale, Anama, Jillangolo and Moorwatha studs, supplied their performance recording figures to the Agricultural Business Research Institute (ABRI) at the University of New England, Armidale, NSW to generate a vital pool of breed information.

At the time, Warwick said Red Angus was prevented from using the Angus BREEDPLAN -a genetic evaluation system – but he and the other studs were conscious of the benefits it had delivered to the Black Angus breed.

Warwick described this initial performance recording work as "one of the major factors in the Red Angus success story", as it was the precursor to the Red Angus GROUP BREEDPLAN.

Introduced in September 1998, the Red Angus BREEDPLAN accelerated the development of the breed in Australia through the introduction of Estimated Breeding Values (EBVs) - an estimate of the genetic value of individual animals for each measured trait.

"Performance recording made a tremendous difference," Warwick said. "It gave us figures to work with rather than just visually scrutinising animals. When you have weights and an indication of the animal's performance, it's possible to be so much more accurate with breeding decisions."

Looking ahead, Warwick wants Red Angus members to continue to invest in generating quality data to deliver the most accurate representation of the breed. "To be really effective, performance testing needs to be over the whole herd," he said. "Until such a time, that all herds get their full figures recorded, it will not be a true indication of the breeds' performance"

Entrenched in the Red Angus world, Warwick became involved in the Society's executive, serving on the Council for about 20 years, including several as President.

But it was his involvement in "revitalising" the annual Red Angus National Show that provided the Parkes cattle breeder with the most satisfaction. "At that point, we didn't have



PICTURED LEFT: Mary & Warwick Tom in 2020

PICTURED BELOW: Warwick Tom receiving his life membership

any event to publicise the Red Angus breed nationally" he said.

"There were various shows and sales, one started at Dandenong, then it went to Wodonga followed by Bathurst and Scone, they moved to wherever the support was but there was no National Show and Sale. The best thing about Dubbo as a venue, we had a central point where everyone could bring animals. It was fantastic, a good opportunity to meet Red Angus breeders from other states and at the same time discuss the future progress of the Society".

This show and sale was held for 20 years with Rosedurnate exhibiting unled animals in the

initial years until local Parkes High School students became involved in the grooming and leading of Rosedurnate show animals at the Dubbo event.

Up to 11 students would visit Rosedurnate for half a day each week and work with the animals as part of their agriculture course.

Warwick said the students had a lot of success with the stud animals at regional shows and really enjoyed exhibiting at the "National" in Dubbo.

After almost 40 years breeding Red Angus, there is one cow that's etched in Warwick's mind and it's not just because of her performance.

Her name was "Rosedurnate Vicky".

"She was a bit of a rogue but also very quiet," he said. "We took her down to the Royal Canberra Show and she was in the final line up but missed out on the champion. She was so quiet with the other cattle; at times she would open the gates. Latched gates and let the other animals out. She was a bit of a villain like that."

Embryo transfer technology helped develop "Vicky's"

bloodlines as well as other imported animal semen. This breeding technology was used until the stud was sold in 2010.

Looking back on his career, Warwick fondly recalled his first bull sale to another stud breeder, it was Bruno and Maria Schmidt who had had David Hobbs managing their stud "Tullatoola" at Molong in NSW.

"David has since done a lot for the Red Angus Society, he was one of the first to visit Red Angus studs overseas and bring back genetics and ideas to Australia," Warwick said.

"He was also more than willing to pass on his thoughts on ways to improve our herd using AI."

A Red Angus life member and society patron, Warwick said the Red Angus Council is more important now than it was when he was leading the Red Angus Society in the late 1980's.

"It is an opportunity to discuss latest stud breeding developments with recording stud information, health and promoting the Reds as a commercial winner," he said.

"It has been an absolute pleasure being involved with the Red Angus Committee; I have built many friendships over the years with breeders across the country.



River Bend Ranch:

WHERE SUSTAINABILITY
AND STEWARDSHIP
JUST COME NATURAL

BY MACEY MUELLER FOR THE RED ANGUS MAGAZINE

PHOTOS BY
NATIONAL CATTLEMEN'S
BEEF ASSOCIATION

Because of their strong grazing ability, Red Angus cattle thrive at River Bend Ranch, located at 5,500 to 5,600 feet elevation in semi-arid eastern Colorado.

The I-70 drive through semi-arid eastern Colorado could seem stark to some, but waiting on the west side of Limon is a hidden gem on the High Plains where surface water may be short but a love for the land and quality Red Angus genetics runs deep at River Bend Ranch.

For nearly 40 years, Joe Frasier and his family have taken a holistic approach to managing their land resources. He and his two brothers realized early on that to be successful in an area with only 14 inches of annual precipitation, they would need to operate in a way that encouraged good grass growth and allowed for necessary rest.

Cattle on the River Bend Ranch graze rangeland divided into 78 paddocks, some as small as 10 acres near working facilities but most ranging from 110 to 200 acres. Many are set up like wagon wheels, with a water source in the middle and fences serving as the spokes. Depending on current conditions, cattle are moved every four to eight days to maximize the available nutrients, plant growth and biodiversity in each paddock.

"Our grazing rotations are important to our overall ranch philosophy and management system," Frasier said. "Not only have we been able to improve the different species of grasses that we have, but there's also been several droughty years that we've been able to extend our grazing beyond what others have because we have stockpiles that we've been resting."

Frasier's daughter, Kelsey Pope, said the most recent ongoing drought has been especially tough, but her family's history of forage management allows for a quicker recovery when the moisture does come. "It really doesn't take much for it to bounce back; it's a challenge but it's also a blessing that we can survive on so little."

In addition to learning how to properly manage their forage resources, the Frasiers set out to improve their genetics with a breed that would increase carcass merit and that could easily adapt to the sometimes challenging environmental conditions. Red Angus fit the bill.

"Red Angus cattle work really well here in our high-pasture area at 5,500 to 5,600 feet elevation," Frasier said. "They are moderate-sized and are really good about going out and grazing. They're not in an area with a lot of fescue or bermuda that's easy to graze; they have to go out and work it and they do that."

As a stocker and small commercial cow-calf operation, the family introduced their first Red Angus genetics in the early 1980s. Over time, the Frasier brothers began operating independently, and today Frasier and his wife Cindy run Red Angus cow-calf herds with their son Ryan, his wife Lindsay, Pope and her husband Ronny and five young grandchildren. Their daughter Emily Frasier works in the landscape design industry in Olathe, Kansas, but has an interest in ranch activities and owns registered cattle that run with the family herd.

River Bend Ranch is managed in three herds – heifers, embryo recips and mature cows – and each group is artificially inseminated about two weeks apart to help ease labor strain during calving season.

"We initially went to all Al because we were a commercial test herd for Red Angus for about 10 years and provided our collected data on young bulls to help prove their genetic merit," Pope said. "Although we are no longer a test herd, we saw the value in that process and use it to continue making genetic improvements to our herd."

To best utilize available forages and meet cows' nutritional requirements throughout the year, calving at River Bend Ranch runs mid-April to mid-June. Calves are placed on a VAC 45 pre weaning vaccination program and then branded and fenceline weaned in November. While the family often retains ownership, calves are also enrolled in the Red Angus Feeder Calf Certification Program to provide flexibility in marketing opportunities. They are backgrounded on the ranch and eventually sent to feed yards in eastern Colorado and western Kansas.

Naturally produced fed cattle – those raised without injectable antibiotics or growth hormones – are marketed to Meyer Natural Foods and are required to live 75% of their lives outside of a confined pen and can only receive basic respiratory, clostridial and corona vaccinations. Meyer adheres to the Global Animal Partnership sustainability and stewardship program, commonly known as G.A.P., which requires an extensive audit of humane handling, herd health and nutrition protocols every 15 months. To help accommodate the auditing process and to improve overall management of their herds, the family uses a robust cloud-based record keeping system to track calving and weaning dates and weights, vaccinations and herd health records, breeding and pedigree records and sold animals.

... cont'd on page 20

... from page 19

As a third-generation Colorado rancher, Joe Frasier is committed to caring for his family's land, using

that embody Beef Quality Assurance techniques.

sustainable livestock and forage management practices

They have also started their own successful branded beef program – Private Label Locker Beef – which Frasier said continues to grow by word-of-mouth advertising.

"We're only an hour from Denver and had some friends there who originally approached us about selling our beef directly to them, and now the word just continues to spread," he said. "We really look at it as an opportunity to talk with our urban customers about the whole beef cycle and have even invited some of them out to the ranch for tours.

"We've had visitors who were very interested in knowing about our antibiotic usage and overall approach to caring for the animals, and our record keeping system made it pretty easy to show them it's something we take very seriously."

With a commitment to environmental stewardship and sound animal husbandry practices at the forefront of their operation, River Bend Ranch was recently awarded the distinguished 2022 Beef Quality Assurance Cow-Calf Award.

The recognition is a culmination of the low-stress handling techniques, cattle health management protocols and enhanced record keeping efforts that Frasier and Pope said come natural on their ranch.

From the rotational paddock system that creates opportunities to handle the cattle more often, to the portable corral system complete with Bud Box and Silencer animal restraint device, Frasier said reducing animal stress is always the goal.

"Most of our cows get to a point where they see us coming, and internally, they know it's time to move to new grass," he said. "Even when we're leading them into a working facility, they know something is going to happen but they remain calm."

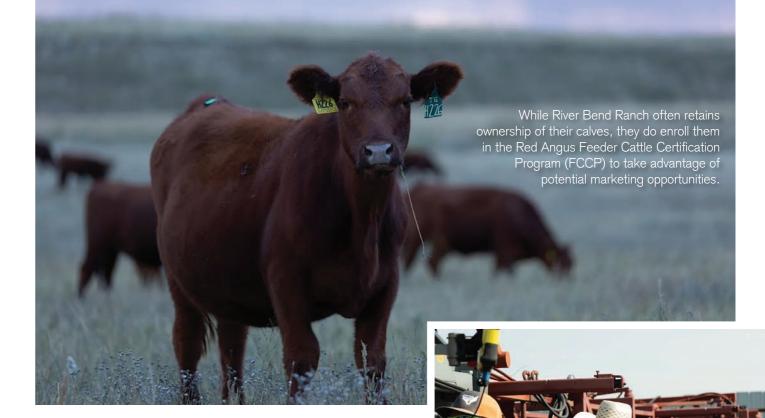
He also attributes much of his family's success with BQA to having the same veterinarian for nearly 20 years.

"A strong veterinarian relationship is an important step in BQA and has really helped our family establish certain criteria for administering antibiotics, and if there's a treatment to be made, how to do it and document it correctly," he said.

As the fifth generation of the Frasier family becomes active on the ranch, Pope said BQA principles are key in teaching proper handling techniques, where and when vaccinations and antibiotics should be given and how to best respect the animals.

"Our entire family is BQA certified, and we have welfare practices in place because we think it's the right thing to do," she said. "It's also important for our industry as a whole, especially to show consumers that this is something we do voluntarily to go a step above to care for our animals and produce safe and nutritious beef.

"We feel very blessed to be living this lifestyle and want to ensure that we are sustainable enough for the next generation to have the same opportunity."



River Bend Ranch implements low-stress handling techniques and Beef Quality Assurance management protocols to enhance production and animal welfare.

Three generations of the Frasier family currently live and work on the River Bend Ranch, including Ronny and Kelsey Pope and their children Chisum and Conagher; Cindy and Joe Frasier; and Lindsay and Ryan Frasier and their children Maelle, Tucker and Genevieve. Emily Frasier lives in Kansas but has an interest in ranch activities and owns registered cattle that run with the family herd.





Rural and Remote Mental Health Australia

PHOTOS BY @RABBITHOPFILMSSASCHA

Moree in New South Wales is the state's most productive agricultural shire and is one of Australia's largest. Towards the end of October, the area experienced incredibly high rainfall and unimaginable flooding. Along with Victoria, huge amounts of water rushed through towns and wiped-out farmland, livestock, crops and infrastructure.

The town has seen homes with over a metre of water running through them and staff of local businesses rushed to help those in need. We felt very grateful to have some locals who experienced the flood take the time to revisit what happened and share their experience through this natural disaster.

Lisa Orchin is a Councillor on the Moree Plains Shire Council, she is also a partner in a large-scale broad-acre farming enterprise that also consists of small irrigation and livestock operations. For over 30 years the family have lived and worked in the community.

"A big result for us with these floods is the damages to infrastructure and road networks. They've been destroyed, and that is where the ag sector needs the biggest input to help them remain sustainable long into the future. The speed of the water going across the roads has lifted bitumen and so much has gone, that to me is the biggest effect on the agricultural sector," said Lica.

"Our kids are also being deprived of basic education because of the inability to actually get to school due to the roads. Every kid deserves an education and because of our road network they're not getting it."

"The Moree Plains Shire agricultural sector has experienced a loss of approx. \$500 million of income as a direct result of the flooding. The expected income was more in the vicinity of \$1 billion.

It's had a massive impact, not only because of the crops being destroyed by the floods but the inability to get onto the ground now to sow our summer crops. From our standpoint, there is going to be 12 months before we receive another income, that's devastating in its own right."

"Moree is a township, and the villages around are all built on the ag sector. If farming is having a bad time financially, it directly affects businesses in town. That's right across the business sector; agribusiness, chemical sales, trucking industries and corner stores or clothing shops as people aren't going to town much to spend money during these times. We are so inter reliant on each other."

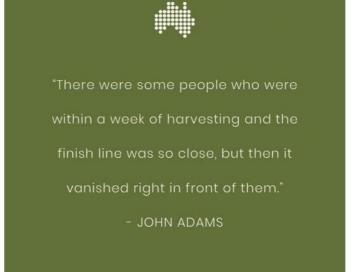
"This flood has seen people isolated for weeks at a time. When you start having people isolated for that long you start to worry about people's mental health and their ability to pick up once this is all over."

John Adams runs a contract farming business in the Moree area, Heavy Western Farming Co., and has been operating for about 7 years. For his family and business, it was the fear of the unknown that comes with flooding and the timing of harvest.

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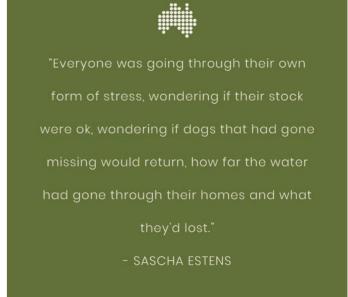












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"It was getting very late for harvest for us anyway, it had been a pretty wet period leading up to these floods and it was already long past when we'd expected to start. It's the fear of not knowing what would happen with the crops and what would be left after the water resided. It's actually pretty impressive to see where the water gets to," said John.

"We had four headers, tractors and people already lined up to work. There is so much involved in making sure you can make repayments for that machinery. We also have jobs that we'd usually be starting straight after but we're only just starting here."

"There were some people who were within a week of harvesting and the finish line was so close, but then it vanished right in front

"It's been hard waiting to start; it has affected other areas of our business too. For the most part, it's been tough but there is a bit of silver lining – there's going to be enough moisture in the soil for planting next year."

Sascha of Rabbit Hop Films captured the flood over 5 days, running off adrenaline and working as the eyes and a source of news for those stranded on farms outside of town, sending footage to news stations daily and giving vital updates to her

"My day started around 2:30 am as I would shoot all day for the news stations and use the night to edit and prepare for the next day. I wanted to show the most significant parts of the flood and capture what also impacted me. The stress and pressure were pretty intense so I wouldn't sleep much," said Sascha.

"There were some sheep that were constantly on my mind.

I'd sent a drone over them and could see they were clumped together and calling out, and the water was rising. I had met the owner who was concerned for them and had built a mound for them. I approached the SES but they were too busy dealing with the evacuation of people, so I spoke with some people in a vehicle I had seen access that side of town (where the sheep were) earlier. They went as close as they could to try to save them, but they couldn't get to them."

"Everyone was going through their own form of stress, wondering if their stock were ok, wondering if dogs that had gone missing would return, how far the water had gone through their homes and what they'd lost. There was an SES member that I found slumped out the front of my house, leaning up against my car, he was just empty. He said he'd been running off 1-hour sleep a night for the past three days."

We are constantly keeping those affected by these floods in our thoughts. Small communities rally together during tough times and show what it means to look out for one another. In times of extreme stress and fear, they are there for their neighbours, it's a mentality that rings true in these rural communities and one we should all aspire to carry.

If you know someone who is needing support and wanting someone to talk to, please reach out to the below.

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Victorian 2022 On Farm Challenge

After a couple of Covid related false starts over the last couple of years. The SEMEX Victorian on Farm Challenge finally got away with what could be described as a splash and a bang, due to the weather conditions!

A huge thank you to our sponsor SEMEX and our judging and media team who make this event happen over such a short period of time. This year Geordie Elliot led the judging under what could only be described as quite challenging conditions due to the ongoing weather constraints. However Geordie somehow managed to sort through a large amount of animals while Rob Onley this year took on the photography detail, working well together to keep things rolling along. While Cameron Cutler took care of the online rolling report and commentary, something that is keenly followed by people across the country and now overseas as well. Great work gentlemen!

For the statistical people amongst us there are a few stats that may be of interest for you.

Over the main judging weekend of October 29 &30th, the crew spent 39 hours away, 25 of those hours were travelling between Hamilton to Clunes, Huon, Limestone then Drouin on day 1. Then up early for a 7.30 am start around Gippsland, then returning to Hamilton very late on day 2. A distance of just over 2,300 klm. Over this short period of time 14 properties had been visited, 3 more than last time the event was run, and 122 head of cattle inspected, photographed and assessed by the team. This year by request we had 2 properties in the Mt Gambier area also enter the competition for the first time, so the crew took the time to head that way the following weekend, huge respect for the team for going the extra miles to include these cattle and breeders in the event, I'm sure it was greatly appreciated

initial instigator of the competition way back at th

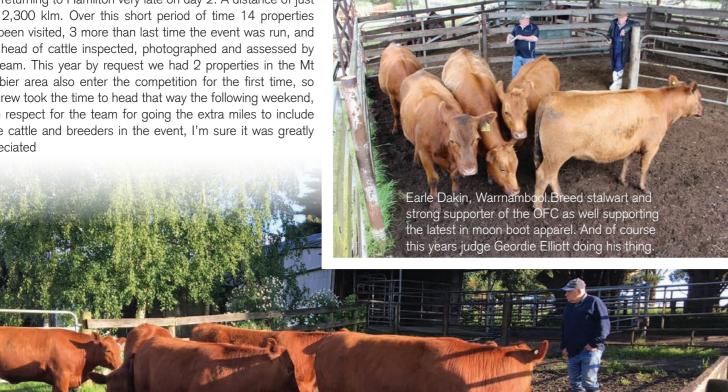
ting one of his entries in the pen of heifers 15-24 months

At the time of printing the winners have not yet been declared, however the committee is planning a celebration of the event and announcement of the results at a function being held in Hamilton, Saturday evening February 4. Which coincides with the end of Beef Week for Victoria the day prior in the western district, so there will be a few stop offs for those interested in looking at other breeding programs while travelling to Hamilton. Details will be sent to members, both Victorian and South Australian. So that numbers can be confirmed for the event planners. We hope to see many members turning up for this event, even if you couldn't get involved this year. This will be a great opportunity to network with other likeminded breeders of Red Angus and Red Angus infused cattle

Another aspect of the On Farm Challenge that is always discussed over the event is the marketing of our cattle. The committee has resolved to send out a survey to our Victorian members around this, so keep an eye out for that in your mail box early in the New Year as well.

Yours with Red Cows

Kevin Heggen & Bob Boote



Beef Cheeks in Red Wine with Creamy Mashed Potato

"When you get them right, beef cheeks melt in your mouth like butter. I've spent time in France, travelling around. visiting the markets and talking to chefs, and I was really inspired by the French approach to cooking. They cook for the love of it, and focus on using quality products. This is a staple dish in France, and is really easy to cook." Nick Lockyer, Executive Chef, Sandstone Point Hotel

Serves 4 to 6

3 tbsp olive oil

- 1.5kg beef cheeks (4 large or 6 small cheeks)
- 1 onion (white, brown or yellow), roughly diced (about 1 cup)
- 1 celery stalk, roughly diced (about 1 cup)
- 1 carrot, roughly diced (about 3/4 cup)
- 4 garlic cloves, minced
- 6 fresh thyme stems (or 1 1/2 tsp dried thyme leaves)
- 4 bay leaves, dried (or 3 bay leaves, fresh)
- 1 cup beef stock
- 2 cups red wine
- 2 3 tsp salt
- Black pepper

FOR THE MASH

800g potatoes, peeled and chopped roughly

- 4 tbsp butter
- 1 cup milk
- 1 tsp salt and pepper

FOR THE BEEF CHEEKS

- 1. Cut off any bits of fat on the cheeks and pat dry with kitchen paper. Season all over with salt and pepper.
- 2. Heat 2 tbsp of the olive oil in a large heavy-based pot or casserole dish with a lid - on high heat. Sear the beef cheeks on each side until nicely browned. If your pot is not large enough, work in batches rather than crowding the pan. Remove beef cheeks onto a plate, and cover loosely with foil to keep warm.
- 3. Turn down the heat to medium and heat the remaining 1 tbsp of olive oil. Add garlic, onion and carrots. Sauté for 3 minutes until the onion is becoming transparent, then add the celery and sauté for a further 3 minutes.
- 4. Pour the wine into the pot containing the onion mixture, and stir, scraping the brown bits off the bottom of the pot. Bring to simmer for 1 minute.



- 5. Add remaining ingredients, starting with a pinch of salt and pepper.
- 6. Put lid on and cook on the stove on medium to low for 2 to 2 1/2 hours or in the oven at 160C for 3 to 3 1/2 hours until the cheeks are very tender. Turn at least once during cooking.
- 7. Remove beef cheeks from the pot and remove the thyme stems and bay leaves.
- 8. Use a handheld stick blender to puree the braising liquid into a smooth sauce. It will change from dark brown to a lighter brown colour.
- 9. Bring the sauce to simmer over medium heat and simmer until it turns darker brown and reduces by about a quarter into a gravy consistency. This should take 3 to
- 10.Do a taste test and add the seasoning (salt and pepper) to your taste.
- 11. Remove from heat, return beef cheeks to the sauce, and cover to keep warm until ready to serve with the mashed potatoes.

FOR THE MASHED POTATOES

- 12. Place potatoes in a large pot of salted boiling water and cook for 10 minutes until very soft.
- 13. Drain potatoes, then return them to the pot.
- 14. Add butter and milk and use a potato masher to mash
- 15. Add salt and pepper to taste. Use more milk to adjust the consistency to your liking.



Wagga Members Forum 21-22 May 2022

In May, the Red Angus Society held a two-day forum in Wagga Wagga, NSW, followed by the Annual General Meeting. The basis of the weekend was to engage members on relevant industry topics and have an opportunity to get together. The weekend proved to be a great success with those who attended commenting on the incredible insight and knowledge gained from world class speakers.

As true workers on the land, members were resilient and fast adapting to change. The week leading up to the weekend saw a lot of rain at Jindalee Feedlot which was scheduled as the first rotation. Unfortunately, due to the rain it was unlikely a bus load of people would make it on the property. Thankfully, the organising committee had contacts at Charles Sturt University (CSU), and at the last minute were able to divert attendees to the new location. Thus, the weekend began with a tour of the CSU Feedlot, followed by an outstanding talk from Rod Polkinghorn, Birkenwood International, about meat science, in particular carcase traits and eating quality. Those who attended the CSU tour then participated in beef taste testing, which has been developed for MSA grading index. The beef tasting consisted of seven rounds of different cuts and cooks of meat, and each person was to judge their piece on tenderness, juiciness, flavour and overall liking. This was a great opportunity for people to participate in, and see the representation and processes of beef in the supply chain.

The forum was set at The International Hotel Wagga Wagga. Attendees were presented with in-depth discussion from multiple highly commended professionals. The topics covered throughout the forum included bull health and productivity, parasite control, selection indexes, genetic evaluations, marketing tips and



market insight. Thank you to the speakers for a tremendous effort in the delivery of their educational presentations, these include Dr Shane Thomson of Holbrook Vet Centre, Dr Tim Elliott of Virbac Animal Health, Dr Boyd Gudex of SBTS & TBTS, Tim McRae of AuctionsPlus, Dr Wade Shafer of International Genetic Solutions, Hannah Powe of The Land, the Hicks Family of Hicks Beef & Ian McDuie of Lucky Reds

On the Saturday even we managed to fit in a delicious two course meal, show casing beef. In addition, thanks to sponsor partnership, members participated in a lucky door prize!

Events like this take place from major efforts from multiple people. A combination of volunteers and sponsorship allowed this to be so successful! Thank you to our event partners ProWay Livestock Equipment, Nutrien Ag Solutions-Wagga Wagga, Boehringer Ingelheim, Virbac Animal Health and AuctionsPlus! Thank you to those members who made the effort to travel to be together in person, it was great to have an uninterrupted event. Finally, thank you to Council member Daryl Schipp and event organiser Toni Nugent for major involvement in creating the event!

WE HOPE TO SEE YOU IN 2023!























Red Northline Revival

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Red Angus "Hoofprint"

During the first nine months of 2022, a total of 4,199 Red Angus infused cattle had been listed through AuctionsPlus' weekly commercial cattle sales. The "Hoofprint" of Red Angus cattle offered on AuctionsPlus is evenly spread between the Eastern States and extends from Northern NSW to Victoria and across to SA and Tasmania. There are pockets in WA and Queensland, while the main "hot spot" is located in the NSW Central West (see Figure 1).

NSW holds 37% of national listings, while 21% of listings come from Victoria, 17% from Queensland, 14% from SA and 11% from Tasmania. On the purchasing side of the market, a total of 3,358 head have been purchased so far in 2022, 39% in NSW, 20% in Queensland, 15% in Victoria, 13% in Tasmania and 12% in SA.

The top three listing regions in 2022 start with the Central West NSW, with 634 head, followed by Northwest Slopes and Plains (440 head) and Southern Queensland (397 head). Across Australia,

NORTHERN COTAL Sea

NORTHERN TERRITORY

QUEENSIAND

AUSTRALIA

SOUTH AUSTRALIA

NEW SOUTH W...

AUSTRALIA

TERRITORY

VICTORIA

TAGMANICA

Figure 1: AuctionsPlus listings of Red Angus cattle 1st January – 30th September 2022

Red Angus/Santa Gertrudis

the top-ranking location was Coonamble, Northwest Slopes and Plains, with 143 head, followed closely by Mendooran, Central Western NSW (142 head) and Lucindale, Lower Southeast SA (140 head).

AuctionsPlus Red Angus Listings

Purebred Red Angus cattle make up 38%, or 1,588 head of all "Red Angus" infused cattle on AuctionsPlus. The most common crossbred combinations are Red Angus/Hereford with 354 head, followed by Red Angus/Shorthorn (270 head) and Red Angus/Santa Gertrudis (263 head). All other combinations of Red Angus and other breeds make up 41% of national listings in 2022 (see Figure 2).

AuctionsPlus Red Angus Listings 8,000 7,000 6,000 5,000 4,000 3,000 2,000 1,000 2016 2017 2018 2019 2020 2021 2022* Figure 2: AuctionsPlus Red Angus Listings: 2016-2022 up to 30th September Red Angus/Other Red Angus/Red Angus Red Angus/Hereford

Price Trends

Price fluctuations for young (200-400kg steers and heifers) "Red Angus" infused cattle sold on AuctionsPlus are consistent with that of the broader market (see Figure 3). After an astounding run-up in cattle prices from early 2020, the third quarter of 2022 saw the first significant decline in prices – largely driven by a sharp drop in market sentiment following the widespread coverage of exotic disease concerns.

During the third quarter of 2022, all categories of "Red Angus" infused cattle on AuctionsPlus averaged 7.5% lower than the previous quarter, but 1.5% higher than the corresponding quarter in 2021. Steers weighing over 400kg liveweight were the most represented category for the third quarter of 2022, with 235 head averaging \$2,230/head. Heifers weighing between 200-280kg liveweight averaged \$1,599/head across 107 head while PTIC heifers averaged \$2,513/head across 58 head for the quarter.



Figure 3: AuctionsPlus Red Angus prices vs EYCI on index basis: Q1 2016 = 100

Scan here to download your copy of the inaugural 'AuctionsPlus Breed Hoofprint'

By Damien Thomson

AuctionsPlus Insights Senior Analyst



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Red Angus/Shorthorn



Meating the Objective: Breeding for MSA Compliance and Carcase Quality

With the continued rise of Meat Standards Australia (MSA) and other meat quality premium programs, this article discusses how Red Angus breeders can enhance the meat quality attributes of their animals in order to take advantage of the available premiums.

There are many factors which affect an individual carcase's suitability for both MSA and company/brand programs. Many of the factors that affect the eating quality of a carcase are heavily influenced by animal handling and management on-farm, during transport and at the abattoir. Many components are also influenced by the genetic makeup of the animal.

Understanding MSA Compliance

Cattle consigned to MSA must comply with a number of minimum grading specifications; otherwise, they will be downgraded to non-MSA product and won't receive a premium.

To be considered MSA compliant, carcases must meet the following specifications:

- Muscle pH of equal to or less than 5.70
- Minimum rib fat of 3 mm
- Adequate fat coverage over the entire carcase

Across Australia, carcases graded during 2020-21 achieved a record 95.5% compliance to MSA specifications. The most common reason for non-compliance was not meeting muscle pH specifications. Only a small percentage of carcases did not meet the minimum MSA requirement of 3 mm rib fat.

Selecting Genetics for Improved MSA Compliance

The different components affecting whether carcases meet MSA compliance specifications are all influenced to some extent by genetics and can be improved through the selection of animals with appropriate genetics.

1. Muscle pH

Low muscle glycogen levels in the live animal prior to slaughter can have several undesirable impacts. One is dark meat colour,

commonly referred to as 'dark cutting', which results in an unappealing product for consumers. Furthermore, if there is only a small amount of muscle glycogen present pre-slaughter, pH may not decline to the required level.

Maintaining glycogen levels pre-slaughter is consequently of utmost importance and can be achieved by minimising stress and/or activity both on-farm and in the lead up to slaughter. Cattle with poor temperament have an adverse effect on the cattle around them, all of which results in higher pH carcases and a higher incidence of dark cutting.

Genetic selection is one method by which the temperament of cattle can be improved and thus reduce the incidence of dark cutting. Unfortunately, the Docility EBV is not currently available in Red Angus BREEDPLAN due to low levels of data submitted to BREEDPLAN (only 536 records in the last 15 years), but phenotypic selection is possible. Importantly for both phenotypic and EBV selection, an animal's natural response (typically at a young age) is more representative of it's genetics than its response once it has become accustomed to human interaction (aka a trained response).

Research has also demonstrated that animals with higher muscle content, as defined by size of carcase eye muscle area (EMA) adjusted for hot standard carcase weight, is strongly associated with reduced incidence of dark cutting. A reduction in the incidence of dark cutting in high muscled cattle also complements the other advantages of muscular cattle, such as increased retail beef yield and processing efficiency.

Selection for increased muscle content in a standard weight carcase can be achieved by selection of animals with higher EMA EBVs. EMA EBVs are estimates of the genetic differences between animals in eye muscle area at the 12/13th rib site in a standard weight steer carcase, with higher EBVs associated with larger eye muscle area. For example, an animal with an EMA EBV of +4.4 mm would be expected to produce calves with larger eye muscle area than an animal with an EMA EBV of +1.0 mm, relative to carcase weight.

2. Rib Fat Thickness & Fat Distribution

Rib fat thickness is the measured depth of subcutaneous fat over the quartered rib site between the 5th and 13th ribs. A covering of fat is needed to protect the high value primal cuts from rapid chilling, which can cause toughening, and to enhance eating quality and appearance.

In addition to minimum fat levels, a key requirement for all beef markets is to have adequate cover over the high value cuts along the loin (back) and rump. MSA requires carcases to have adequate fat coverage over all major primals, with an area of inadequate fat distribution not being greater than 10cm x 10cm over each individual primal.

However, care must be taken when determining if fat levels should be included in a herd's breeding objectives as meat processors have indicated that a larger proportion of British breed cattle, including Red Angus, fail to meet specification due to being OVER fat than fail due to being under fat.

Selection for adequate rib fat and fat distribution can be achieved by selection of animals with appropriate Rib and Rump Fat EBVs. Rib and Rump Fat EBVs are estimates of the genetic differences between animals in fat depth at the 12/13th rib and P8 rump site respectively in a standard weight steer carcase, with higher EBVs associated with greater fat depth. For example, an animal with a Rib Fat EBV of +0.4 mm would be expected to produce calves with more fat than an animal with a Rib Fat EBV of -0.6 mm, relative to carcase weight.

BREEDING FOR INCREASED MSA INDEX VALUES

Selecting Genetics to Improve MSA Index Score

1. Marbling

MSA Marble Score is an assessment of the intramuscular fat deposits at the quartered site between the 5th and 13th ribs. MSA Marble Score provides an indication of the distribution and piece size, as well as the amount of marbling. MSA marble scores range from 100 to 1190 in increments of 10, with higher scores indicating greater marbling.

As MSA Marble Score increases by 10, the MSA Index has the potential to increase by 0.15 Index units, or rather an increase in MSA Marble Score of 100 (roughly equivalent to a 1 unit increase in AUSMEAT marble score) equates to a 1.5 unit increase in MSA Index.

Selection for improved MSA marble score can be achieved by selecting animals with higher Intramuscular Fat (IMF) EBVs. Intramuscular Fat EBVs are estimates of genetic differences between animals in intramuscular fat at the 12/13th rib site in a standard weight steer carcase, with higher IMF EBVs associated with greater marbling in the carcase. For example, an animal with an IMF EBV of +2.9% would be expected to produce progeny with more marbling in a standard carcase than the progeny of an animal with an IMF EBV of +0.2%.

2. Ossification

Ossification is the process whereby the cartilage present around the bones changes into bone as the animal matures, and is a measure of the physiological maturity of the carcase. Although it can be roughly associated with the animal's chronological age, ossification takes into account the entire developmental lifespan

of the animal which may be affected by nutrition, sickness and/ or temperament. Ossification scores range from 100 to 590 in increments of 10, with lower scores indicating less physiological maturity.

As ossification score decreases by 10, the MSA Index potentially increases by 0.6 Index units, or rather, a decrease in ossification score of 100 equates to an increase in MSA Index of 6 units. Therefore, younger animals with lower levels of ossification tend to have a higher MSA index values than older animals with higher ossification values.

Selection for lower ossification scores can be achieved by selecting animals with higher 200 Day Growth, 400 Day Weight and 600 Day Weight EBVs, as calves which grow more quickly will reach target live weights at a younger age with lower ossification score. 200 Day Growth EBV, 400 Day Weight EBV and 600 Day Weight EBV estimate the genetic differences between animals in live weight at 200, 400 and 600 days respectively due to an animal's growth genetics. In all three cases, higher EBVs are associated with heavier weights at the respective age. For example, an animal with a 400 Day Weight EBV of +60 kg would be expected to produce heavier progeny at 400 days of age than an animal with a 400 Day Weight EBV of +20 kg.

3. Rib Fat

Whilst of utmost importance in determining whether carcases are compliant to MSA specifications, rib fat thickness also has an impact on MSA Index.

A 1 mm increase in rib fat corresponds to a potential increase in the MSA Index of 0.1 Index units, or rather, an increase of 10 mm in fat depth equates to an increase in MSA Index of 1 unit.

Selection for increased rib fat can be achieved by selection of animals with higher Rib Fat EBVs. Rib Fat EBVs are estimates of the genetic differences between animals in fat depth at the 12/13th rib site in a standard weight steer carcase, with higher EBVs associated with greater fat depth.

Whilst a higher level of rib fat is favourable for superior eating quality and MSA index, this benefit needs to be balanced with the negative effect that higher levels of rib fat may have on carcase yield and on meeting individual meat company specifications.

4. Carcase Weigh

Whilst an important specification in most livestock grids, carcase weight only has a small impact on MSA Index, with MSA calculating that as HSCW increases by 1kg, the MSA Index will potentially increase by less than 0.01 Index units. In other words, an increase in HSCW of 100kg equates to an increase in MSA Index of 1 unit.

To select for heavier carcasses at the same maturity (ossification), animals with higher Carcase Weight EBVs should be selected.

Carcase Weight EBVs are estimates of the genetic differences between animals in hot standard carcase weight, with higher Carcase Weight EBVs associated with heavier carcases. For example, an animal with a Carcase Weight EBV of +60 kg would be expected to produce progeny with heavier carcases than an animal with a Carcase Weight EBV of +30 kg.

... cont'd on page 34

 $oldsymbol{32}$ red angus

... from page 33

SUMMARY

Whilst many of the factors that affect the eating quality of a carcase and its suitability for MSA programs are heavily influenced by animal handling and management, many factors are also influenced by the genetics of an animal.

Selection of animals with acceptable temperament, higher Eye Muscle Area EBVs and appropriate Rib & Rump Fat EBVs can improve MSA compliance, whilst selection of animals with higher IMF EBVs to increase marbling score, higher Growth EBVs to reduce ossification score, higher Rib Fat EBVs to increase carcase fatness and higher Carcase Weight EBVs to increase HSCW at the same maturity, will increase MSA Index values and thus increase the eating quality of your herd. To assist with determining the appropriate emphasis that should be placed on each EBV to maximise carcase quality and MSA premiums, the

Red Angus BREEDPLAN selection indexes do account for the

To IMPROVE	SELECT FOR HIGHER
Muscle pH	Eye Muscle Area (EMA) EBV and Temperament
Rib Fat Thickness & Fat Distribution	Rib and Rump Fat EBVs
Marbling	Intramuscular Fat (IMF) EBVs
Ossification	200 Day Growth, 400 Day Weight and 600 Day Weight EBVs
Carcase Weight	Carcase Weight EBV

More detail on understanding and recording of each of the EBVs discussed in this article can be found in the Help Centre on the BREEDPLAN website.

Semen

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ENOUIRIES WELCOME

Red Angus, Real Advantages

Red Angus cattle have all the attributes of Angus with the addition of the homozygous red coat colour. Red Angus cattle excel for temperament, maternal qualities and carcase characteristics. Red Angus and their crosses are highly sought after for commercial producers as a basis for their production system. Red Angus have the ability to adapt to a vast range of the climatic conditions to suit various production systems and locations across Australia.

Homozygous Red Colour

When Red Angus are crossed with other red breeds, they produce red-coated calves. This has an advantage when selling through saleyards of evenness in the line of sale cattle. A pen of Red Angus are attractive to buyers as there are no major differentiations in animals.

The red coat colour suits tropical based systems as it reflects the sunlight greater than darker breeds. This characteristic allows the cattle to tolerate hot climates. In addition, the red coat assists with protecting cattle from buffalo fly in these areas, as the buffalo fly is attracted more to black hided cattle.

Crossbreeding with Red Angus

Red Angus have been proven worldwide to fit into many successful crossbreeding and composite breeding programmes. Red Angus genetics contribute moderate birth, poll, solid homozygous colour and carcase quality into particular planned breeding systems. When crossbreeding, it should be noted to plan to maintain high levels of heterosis in the system and utilise breeds that complement each other.

Fertility & Maternal Attributes

Red Angus cattle have an acknowledged reputation for maternal qualities. They are highly fertile, milk well and will calve successfully at two years of age. This bonus performance from early sexual maturity blends well when crossed with latter maturing cattle. Their longevity as a breeder unit is of significant economic importance.

The quantity of beef produced in a particular enterprise is reliant on the number of calves per breeding cycle and the ability for cows to reproduce annually. A major advantage of Red Angus calves is their low birth weights. Minimising the stress and maintaining nutrition of the cow during gestation period, in particular during parturition, is correlated with fertility. Red Angus are known to have fewer calving challenges, thus minimal stress for the cow. This allows the cow to begin cycling again soon after calving and therefore managing shorter intervals between births. For the cattle breeder, this means more live calves on the ground and thus essential for business profits.

Temperament

Red Angus cattle are considered by breeders to be gentle natured and easy cattle to work with. There is a positive relationship with good temperament cattle and performance. The increased productivity from sound animals is also known to improve the overall meat quality and carcase attributes. There are also economic risks associated with poor temperament cattle for producers. For example, challenges when mustering, maintaining cattle handling facilities and the increased risk of injury to the cattle and producers. Red Angus are highly desirable due to their handling ease.

Superior Meat Quality And Carcase Yield Excellence

High quality beef production is synonymous with the Angus breed worldwide. Angus breeds of cattle are the preferred breed for the high-quality beef market. Red Angus beef is highly desired for meat quality. Red Angus animals perform well in extensive, pasture systems and also in feedlot systems. Red Angus, like all Angus, lay down intramuscular marbling, which assists in the eating quality of the meat. Red Angus has the ability to be targeted at a range of market specifications. From the light domestic production through to heavy export specifications. Red Angus can be incorporated into most programs to suit the environmental constraints.

Marketability

Red Angus cattle are flexible to meet ever changing market demands. Combining the strengths of Red Angus with other cattle will provide opportunity in meeting varying market specifications.

- Uniform red colour adds to the ease of marketing.
- Beef quality and yield specification gives you added market flexibility with:
- · export by improved quality beef
- feeder as lotfed desired types
- local trade with quick turnoff
- crossbred females important for maternal performance

Genetic Conditions

Genetic conditions are caused by an abnormality in an individual's DNA. Through DNA testing, most genetic conditions can be managed through eradication of known carriers or relatives. Currently, the Red Angus Society of Australia manages several genetic conditions, these include:

1. Osteopetrosis (OS): calves are born prematurely, typically born dead or if born alive will die within 24 hours. Calves have a short lower jaw, impacted molars and long, fragile

- 2. Alpha Mannosidosis (MA): affected calves may show no signs of physical deformities. However, prior to reaching sexual maturity animals will show severe neurological disease with loss of muscles coordination. The affected animal will
- 3. Arthogryposis Multiplex (AM): affected calves have a bent and twisted spine. Calves are small, thin, limited muscle development and rigid limbs. Can cause calving difficulties.
- 4. Neuropathic Hydrocephalus (NH): calves are born with low birth weights. The cranium is large filled with fluid and no brain tissue present. The spinal canal is also dilated with no
- 5. Myostatin (MSTN): myostatin is essential for proper regulation of skeletal muscle mass. Mutations of this gene will result in variations from normal phenotypes such as muscle hyperplasia and muscle hypertrophy (known as double muscling gene). The common strain found in Angus breeds is NT821. Carriers will have reduced eating quality, due to higher muscling (and therefore minimal intramuscular fat), may have low fertility and calving difficulties due to larger birth weights.

All genetic test results are based on samples provided to the Society by breeders. To test your animals for genetic conditions, please complete the DNA application form along with a clean sample from the animal. The sample can either be provided in a TSU, hair, blood or semen. It is important that the sample is received at the Red Angus office, clearly labelled, stored correctly and free from any foreign material.

The Society currently has a bundle offer for genetic testing, which is beneficial for breeders to use. The Red Angus Society offers a test bundle that includes GGP-LD100K, parentage, MSTN, NH, OS and MA. (AM must be additionally requested).

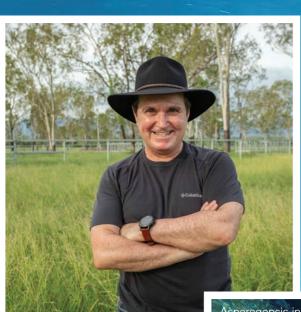
The Society also offers parentage testing, BDVD (bovine viral diarrhoea virus/pestivirus) and coat colour.

This information and more can be found on the Red Angus



SCIENTISTS CLOSING IN ON GLOBAL METHANE SOLUTION

BY MICHAELA RYAN, FUTUREFEED







You only need around 50 grams per cow per day

Scientists in Australia are working with a sense of urgency on a powerful greenhouse gas reduction tool. Asparagopsis seaweed, native to Australia, has been shown to be the most efficient natural supplement available – capable of reducing livestock methane emissions by more than 80 per cent.

"We've been working on this solution for eight years," FutureFeed Chief Scientist Dr. Rob Kinley said.

"The science is already there in terms of proving Asparagopsis as a livestock feed ingredient reduces enteric methane by 80 per cent or more in ruminant livestock in red meat and dairy production."

Methane reduction is a feasible and effective tool to combat the agriculture sector's contribution to global warming. While there is more carbon dioxide in the atmosphere, and it lasts longer, methane is more than 80 times greater in its 20-year global warming potential. This means there is an opportunity to impact agriculture's contribution to global warming in the near term.

Where it all began

The FutureFeed story began with a Canadian farmer who noticed cattle by the sea that ate seaweed were more productive than other cattle - they grew faster, they were healthier and easier to manage. He asked scientist Dr Rob Kinley to help him work out what was happening.

Testing by Dr Kinley discovered that methane emissions from the cattle consuming seaweed were much lower. This sparked a global search for seaweed with even more methane-busting potential. Dr Kinley joined with the CSIRO, Meat and Livestock Australia (MLA) and James Cook University (JCU) in a quest to discover a natural feed ingredient that both reduced methane and improved feed use efficiency. After testing more than 30 types of seaweed, it was the results from Asparagopsis that were astounding.

With the science proven, the CSIRO, with support from leading industry partners, established FutureFeed on behalf of the IP owners, MLA, JCU and CSIRO. FutureFeed exists to drive the commercialisation of this discovery.

Science update

"We have been working hard from the perspective of food product quality and animal welfare to determine the optimal range of inclusion of Asparagopsis to include in livestock feed. It's been shown that very small amounts are highly effective to produce large methane reductions. Most importantly, the science has confirmed food product safety and animal safety," Dr Kinley said.

"There are no concerns of residues of the active ingredient, bromoform, in the edible products that come from Asparagopsis-fed livestock.

"There has been Meat Standards Australia (MSA) testing conducted as part of our trials which consistently shows no change to criteria including the meat's taste, tenderness, and juiciness. So this is a product consumers will be able to enjoy as much as any other."

FutureFeed's Role

Since 'spinning out' from CSIRO in mid-2020, FutureFeed has completed multiple trials and has more underway that will be peer reviewed, giving livestock producers and consumers confidence in Asparagopsis as a feed ingredient and subsequently the food products.

FutureFeed is also establishing the system for a certified trademark - 'Farmed to Lower Methane' - which will appear on meat and dairy products on shelves in the future. This will give consumers confidence in products making a low methane claim.

Regulatory update

"The agricultural and retail sectors are really eager for this product to be available," FutureFeed Chief Operations Officer Joanne Barber said.

First comes the science, then comes regulatory approval, and then commercial sales.

"Peer-reviewed science and 'product dossiers' are required in many countries in order for a product to receive regulatory approval for commercial sale," Ms Barber said.

A freeze-dried Asparagopsis product has been approved and made available to early adopters in the Australian livestock industry, and in 2023 we should see approval of an oil-based product.

"We have several studies soon to be completed in beef and dairy which will be made public next year and inform the way Asparagopsis is used by livestock producers," Ms Barber said.

There are currently seven Asparagopsis producers licensed by FutureFeed (in Australia, New Zealand, Europe, USA and Canada), and there will be more to come. The first commercial sales of Asparagopsis for livestock feed took place in the second half of 2022. Although the Asparagopsis industry is young, the growers are working hard to scale production. To source Asparagopsis you can contact them directly. (future-feed.com/licensees)

Pricing

Asparagopsis is a clear frontrunner in terms of methane reduction capability, however comparative pricing with other supplements is currently a hot topic. The supply chain, namely Asparagopsis producers, will be the ones to determine the price, and it is anticipated that costs will come down as production is scaled in coming years.

There are two other factors which will play into the commercial decision for livestock producers. One is the potential for beneficial feed conversion efficiencies. Early studies indicated that feed energy otherwise lost as methane could be partially redirected to benefit animal production performance. FutureFeed is currently conducting a large-scale trial along with the University of New England to quantify these improvements in feedlot beef production.

The second factor will be the benefit of measuring carbon emissions. While Australian livestock producers have access to a voluntary carbon standards scheme called 'Verra', there is some reluctance to register as there is possibly the risk of not being able to transition to the Government's ACCUs program (Australian Carbon Credit Units) in the future. And for now the methodology to reach ACCUs is still being developed for enteric methane reductions. Watch this space though, as there will be a lot to report in due course.

Looking to the future

"Agricultural emissions are one of the biggest challenges the world is facing. Humanity will soon benefit from the years of dedication and hard work of scientists like Dr Kinley and other industry participants. This methane solution is nothing short of extraordinary," FutureFeed Board Chair Cassandra Kelly said.





40 RED ANG

Compliance to NE requirements and eating quality performance is rewarded with financial premiums. To be eligible for financial premiums when supplying Greenham, cattle consigned under the NE program must be:

RAISING CLAIM	KEY REQUIREMENT
Lifetime traceable	Cattle must be individually traceable for their whole lives. Traceability can be recorded using NLIS tags and further strengthened by farm management tags and on-farm record keeping.
100% grassfed	Not fed grain or grain by-products.
Lifetime antibiotic-free	Includes therapeutic antibiotics and ionophores (e.g. rumensin) in lick blocks and feed but not drenches or topical treatments. Animals that need to be treated for illness must be tagged and recorded and will not be discounted at processing.
GMO-free	Supplementary feed cannot contain genetically modified cotton or canola.
No added hormones	Livestock must be HGP-free and not fed finishing diets that contain steroids.
Free range	Never confined for intensive feeding.
Certified Humane	Mandatory use of pain relief for castration, disbudding and dehorning.
Meat Standards Australia (MSA) eligible	Cattle must come from an MSA-registered property and meet the minimum standards for MSA grading, including a pH of less than 5.71 and at least 3mm of rib fat.

Supplying Greenham

Greenham is a growing 100% Aussie-owned company operating three export-accredited beef processing facilities at Tongala and Moe in Victoria, and Smithton in Tasmania.

The sixth-generation family business buys cattle from more than 9,000 suppliers across Victoria, Tasmania, New South Wales, South Australia, and the Northern Territory.

Greenham Supply Chain Manager, Jess Loughland said Greenham's on-farm programs and supply pathways made it easy for producers to sell cattle.

"No matter your business model or production system, we have on-farm programs and selling options available to suit everyone," she said.

"Options include selling directly over-the-hooks, which is the best option for high-quality cattle, a free on-farm pickup truck service for Victoria's Western District, 16 liveweight buying centres across Victoria, South Australia, and Tasmania, and our liveweight agistment program.

"Our on-farm programs include our NEVER EVER Beef Program for grass-finished cattle, and Barley Beef for grain-finished cattle."

Brands built on eating quality

Recognisable beef brands backed by strong integrity programs and eating quality form the foundation of Greenham's business.

Jess said brands such as Bass Strait and Cape Grim, which are underpinned by the NEVER EVER Beef Program, brought Greenham and its cattle suppliers closer to the end consumer.

"Strong brands allow us to develop premiums markets and strong customer partnerships, safeguarding us against the peaks and troughs of commodity markets," she said.

"A regular supply of compliant cattle is key to maintaining and growing our market share."

Meat Standards Australia (MSA) is Australia's meat eating quality grading system, which Greenham utilises to back its eating quality claims.

MSA was developed by the Australian red meat industry grade and improve the eating quality consistency of Australian red meat.

MSA takes into account all factors that affect eating quality, from paddock to plate, including (but not limited to):

- Marbling: the fat deposited between individual muscle fibres. Muscling has a very positive effect on the eating quality of some cuts. Marbling improves juiciness and flavour in cooked beef.
- Maturity: ossification is a measure of the physiological maturity of a carcase i.e. the process of cartilage turning to bone in the vertebrae. As ossification increases, eating quality decreases.
- Fat coverage: even fat coverage over the carcase ensuring all muscles chill evenly, preventing dehydration and toughening.
- Ultimate pH: meat with a high pH at the time of grading (>5.70) is associated with undesirable traits, like reduced shelf life and cooking inconsistencies.

Greenham offers financial premiums for cattle that will deliver a high eating quality experience for consumers, as demonstrated by a high MSA Index. The MSA Index is a weighted average of the predicted eating quality of all cuts in the carcase, represented as a score between 30.00 and 80.00

Selecting for genetic traits associated with eating quality including marbling (IMF% EBV) and weight for age (600-day-weight EBV), ensuring cattle are on a rising plane of nutrition and gaining at least 0.8kg/day in the lead up to slaughter, and employing low stress handling practices are some steps producers can take to optimise eating quality outcomes.

For more MSA information and resources go to www.mla. com.au/msa

For more information about Greenham's programs or to find your local Greenham cattle buyer go to www.greenham.com. au or phone 1300 548 378.



BARLEY FED ANGUS REFE







JUNIORS

6-9 OCTOBER 2022

INFORMATION FOR STORY SOURCED FROM ANGUS AUSTRALIA

IMAGES BY BRANDED AG AND HANNAH POWE

Over 100 participants gathered at the Wodonga Showgrounds for the 2023 NH Foods Australia Angus Youth National Roundup, for the first time since 2020. The four-day event was a fun,

educational event for junior members to learn more on cattle. Angus Youth and Red Angus junior members attended from almost all states of Australia.

The Roundup began with education and demonstrations on the processes of showing, in particular the preparation involved for each animal. Participants were taught to properly wash and dry animals, and had an opportunity to practice parading and leading. Participants were also treated to a cooking demonstration from





celebrity chef Fast Ed, thanks to Verified Black Angus Beef brand, Angus Reserve.

The schedule for the following days were filled with various activities. All aspects of cattle handling, animal welfare and industry education were covered throughout the event. Those who attended participated in education sessions from industry experts, Chute to Showring Competition, Junior Judging and various cattle classes. The Special Dinner Dance was held on the Saturday evening, raising funds for the Angus Youth program to assist with great events such as the Roundup! The final events, parading classes and final presentation, were held on Sunday to wrap the event up.

The Angus Youth National Roundup was a great success and it very important for the future of the Australian beef industry. Developing the skills and supporting the interests of youth is critical in maintaining a progressive industry! Thank you to the committee for the enormous effort in running a successful event. Thank you to the many sponsors, cattle providers, volunteers, parents and participants that allow this event to run.







Junior Judging Results from participants showing Red Angus

Intermediate and grand champion: Meg Kealey (Goondoola)

Senior champion: Micquella Grima (Goondoola)

Junior champion: Max White (White Family Beef)

Reserve intermediate champion: Jemima Nugent (Nuggets)

Third Senior: Charlotte Nugent (Goondoola but from Nuggets)

Third intermediate: Jake Turner (Redgums)

Top 5 Senior: Bonnie Cox (Redgums)

Top 5 sub intermediate: Matthia Rudder (Radean)

Senior encouragement: Maddy Telford (Redgums)

Intermediate encouragement: Charlotte Dendy (Redgums)

Pee wee encouragement: Jock McDonald (Bolton Girls/Trevone Park)

Chute to Show Ring Competition

Champion: White Family Beef Team

Reserve: Nuggets Red Angus Team











 $oldsymbol{42}$ red angus

Junior Showcase

Red Angus youth members have had an exceptional year both in and out of the showring







Ryan Knee, Red angus youth member and owner of Mellowood Red Angus, has cleaned up across the show circuit in Northern NSW this year with multiple supreme and grand champions under his belt. Some Highlights include ...

PICTURED LEFT TO RIGHT:

Mellowood Sweet Maple S09, taking out Junior and Grand Champion female at Quirindi

GK Maple M37, being awarded supreme champion female, Glenn Innes show

Mellowood Rumba R04 awarded supreme champion female at Narrabri show.

Ryan however is not the only youth member that has been successful when it comes to showcasing his breeding program, youth member and council person Maddy Telford, owner of MGT cattle co. Was fortunate enough to win supreme Red Angus exhibit at the 2022 Melbourne Royal show with her cow, Bolton Girls Naughty or Nice.

PICTURED RIGHT: Maddy Telford with Bolton Girls Naughty or Nice





Charlotte and Jemima Nugent, owners of Nuggets Red Angus, have also had some success in the show ring this year with their bred heifer Nuggets Risky Business R01, taking out senior champion female at the 2022 Canberra Royal show. PICTURED LEFT:

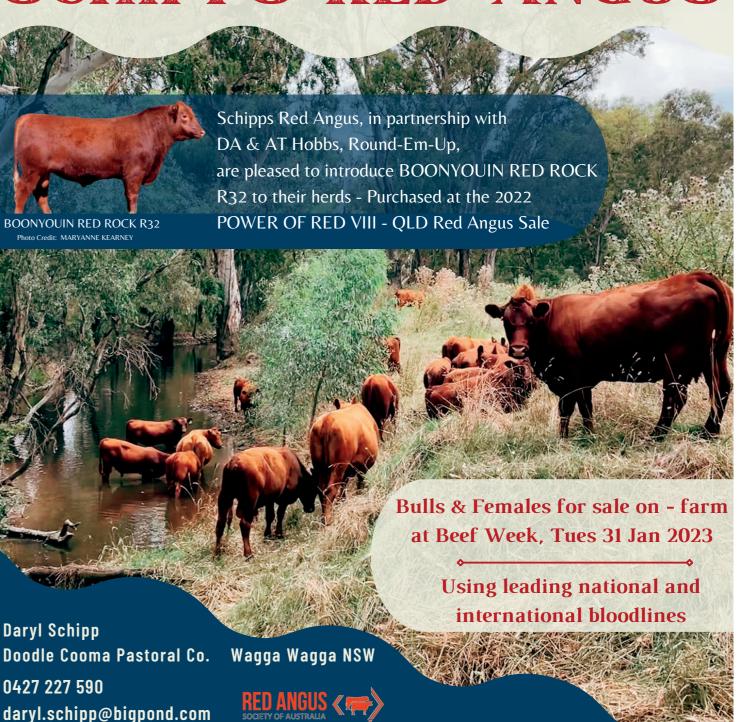
Charlotte and Jemima Nugent with Nuggets Risky Business

The past year as a whole has been a great one for Red Angus youth members, and we hope that the next will be that bit better!

We encourage all youth members to share their progress and success stories with us along the way so we can showcase what makes the Red Angus breed so great.



SCHIPPS RED ANGUS



Meet the Youth Committee

President: Charlotte Nugent

I grew up surrounded by the agricultural industry on my families mixed farming property in Tarcutta, NSW. Along with my sister I own and operate a small herd of Red Angus Stud females and have been a Red Angus youth member since we established our herd in 2015. Currently studying a Batchelor of Agriculture Business Management at Charles Sturt in Wagga Wagga, I have one year of study left before I will head over to Texas Tech to undertake my master's in Agriculture Communications. Being a part of the beef industry has opened many doors for me and provided me with many opportunities along the way. I am very excited and privileged to be a part of such a strong group of young people, looking to take the step to help promote the Red Angus breed and create more opportunities for youth involvement along the way.



Vice President: Harry Turnham

I was brought up in the agricultural industry on my family's beef property in Gisborne, Victoria. Since a very young age I have been involved in the beef cattle industry. My Family and I own and operate a Red Angus stud, Barregowa Cattle Company. I am very passionate and excited about the Red Angus breed, and I am honoured to be a small part of shaping the future for our youth coming through. I can't wait to see what lies ahead for the youth in Red Angus and I only have high hopes for what we can achieve.

Secretary: Maddy Telford

Hi everyone, my name is Maddy Telford, and I am from Barham, NSW. I am 19 years old, and I work for JSB Australia, along with running my Red Angus Stud, MGT cattle co. I have been a part of the Red Angus society since I was 16 and have met some amazing people along the way. We have an awesome team on board, and I cannot wait to see what the future holds for this committee and what great ideas we can come up with to offer the youth of the Red Angus Society and meet some new faces along the way. Stay Tuned!





Treasurer: Angus Llewellyn

Hello, my name is Angus Llewellyn. I have grown up and am living in Keith SA where I am heavily involved with my family's mixed farming operation. Part of this operation we run 180 registered Red Angus breeders, as well as 300 Red Angus commercial cattle. I have been heavily involved with Red Angus cattle since I was four years old when my family purchased the Jillangolo stud. I love Red Angus cattle as they are easy doing, moderately framed and commercially relevant. I believe they offer a lot to the commercial breeder. I look forward to be working with the Red Angus youth in promoting the breed and showcasing what Red Angus cattle have to offer.

Lydia Sanders

Hello, my name is Lydia Sanders, I am 21 years old and based in Keith SA. My passion for the Agricultural industry kickstarted from the involvement with my parent's Murray Grey cattle stud. This saw me attending many shows and becoming connected with the beef industry. Fast forward to today, I am now working on a mixed livestock property in the upper South East, and studying a bachelor of Agricultural Business Management online through Charles Sturt University. My involvement with Red Angus cattle began four years ago. I highly appreciate the breed for their easy doing, carcass attributes and temperament. I love being involved with the Agricultural industry, and I can't wait to work with the Red Angus youth members.



Our Vision

As a committee we are extremely excited to be a part of the next steps in building the future of the breed. We believe strongly in opportunities and involvement!

We strongly encourage youth involvement in the breed. If you have ideas, we want to hear them, want to be involved at shows across the country, let us help you out. We strongly encourage education and the accumulation of knowledge, and with this we aim and hope to run a series of education days and workshops that will bring the youth of the breed together to learn and engage, whilst working and brainstorming to come up with new ideas for moving the breed forward.

Opportunities are going to be a major focus for the youth committee moving forward. Knowledge and skills are gained

through experiences and thus we have big plans to give our youth members as many opportunities to gain real life experiences in and across the industry as possible. With this our overall aim is to target the Red Angus breed to the youth coming through agriculture, we want to increase the reputation of the breed and encourage the next generation of cattlemen and women to go Red!

"Without the involvement of youth today, there will be no opportunities for youth tomorrow."

Upcoming Events 2023

- Fundraiser Auction TBC
- Sydney Royal April 2 April 10
- New Merchandise Launch April 2023





Alstonville High School

Science and Agriculture Teacher, Simon Macqueen, has assisted students from Alstonville High School throughout the year for the showing season. The students involved in the agriculture program get together each week and learn how to prepare and lead Red Angus cows and calves for showing. This has great benefits for the students as it gives them responsibility and teaches them discipline with the animals. Simon Macqueen says he thinks "the cows have taught the students as much as the students have taught the cows!"

This year, Alstonville High School attended Lismore Show and Alstonville Show and had success with their Red Angus in various classes. The students had an amazing experience and continue to talk highly about their time in the ring with the animals. The events are exhausting for the students, yet are very rewarding! We look forward to seeing further results in the future, and commend teachers for maintaining the use of cattle for educational purposes.











Esperance High School



Esperance High School currently have 40 head of Red Angus and are continuing to breed and build their numbers. There is a new farm manager who has been influential in introducing new lines of Red Angus! This year, Esperance High School artificially inseminated (AI) all their cattle and have been selecting their stock based on quality and handling ease. The ability to AI and select their cattle ensures that they are building a herd with quiet nature. They find the Red Angus to be of high quality and calm.

This year, due to continued disruption of COVID and threat of foot and mouth disease, they did not attend Perth Royal Show. However, they did attend Esperance Agricultural Show. Esperance High School took 11 head to the show and recount that they were the best behaved animals they had ever had. Students had great success at the show, including second in open parading, second in novice parading and third in novice parading.

Students have already been preparing for the new year by breaking in calves for future shows. They plan to attend Wagin Woolerama, Perth Royal Show, Esperance Show, Mount Barker Show and Albany Show. An exciting and busy year a head!



PICTURED ABOVE: Esperance Farm Training Centre in the ring with Red Angus Heifers. Sixteen farm students were busy with parading, judging and handling at the 70th Esperance and Districts Agricultural Show. Results included second in the open parading, and a second and third in the novice parading. An excellent showcase of handling and skills after a lot of hard work.







Breeding Red Angus aligns with the goals and strategic plan of Longerenong College. According to farm manager Guillermo Sierra, getting involved with Red Angus "is just the start of a project that we are excited to implement as part of the student experience and learning". Guillermo is new to the role as farm manager at Longerenong College, he has assistance from General Manager of Longerenong, Avril Hogan and Skillinvest. The use of Red Angus at Longerenong as the main breed, with commercial focus, is part of the strategic plan, especially to involve the students in the breeding and management processes.

As a leader in Agricultural Education, Longerenong College is in a strong position to demonstrate the best practices of commercial beef production and to analyse the actual production systems that are essential for decision-making by using a breed to meet market specifications. Using Red Angus is ideal for this specification. Guillermo appreciates that Australian producers have invested significant amounts of time and funds in productivity improvements, genetics, pastures, and marketing. He knows he can trust beef cattle breeders in Australia. In the past, Longerenong College have sourced Red Angus cattle from local studs, including Claremont Red Angus. The ability to source Red Angus locally to continue to develop their own herd is attractive to Longerenong College's student production system.

Red Angus is the main developing breed at Longerenong College. They find using Red Angus is successful in their production system as the cows have great birthing ease and handle well. This further adds to their goals of meeting industry welfare standards.

PICTURED (L-R):

James Robins with a first place and Kirsty Hausler with a second place in their category

Longerenong College with the stand, this year we won the prize as the Best Maintained College Exhibitor.





Longerenong College focus on sourcing cattle with the right genetics for their production system, by incorporating the use of Estimated Breeding Values (EBV) and also the application of Artificial Insemination (AI) and Embryo Transfer (ET). The grazing management at Longerenong College involves paddock rotation to improve and maintain pastures and integration of information (paddock and stock data) to the "DataFarm" teaching tool. In addition, they utilise Skillinvest to produce an accurate financial analysis report to assist with the business management of the stock.

Longerenong College attended Melbourne Royal Show and was successful in various classes. They were awarded the Best Maintained (School or) College. This award recognises and rewards the presentation of cattle to the general public. Longerenong College selected three steers, including one from Nuggets Red Angus, in the Borthwick Trophy to represent Red Angus. The Red Angus team stood in the top four team on the hoof and ended up finishing third from point accumulation on the hoof and hook. The Export Carcase section was also won by a Red Angus steer from Longerenong College.

To ensure representation of other breeds to students, and to demonstrate the benefits of each of those, Longerenong College will continue to utilise breeds such as Murray Grey, Shorthorn, Herefords, and Speckle Park. Guillermo understanding that it is important to allow student to determine the strengths and value of different breeds and genetic lines within a breed. These skills are highly diserable for students creating a future in the industry.

Sydney Royal

Grand Champion Bull Goondoola Renegrade

Photo supplied by The Land



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Sydney Royal Show 2022 Results

Junior Champion Bull: Goondoola Renegade R36 exhibited by the Powe Family, Goondoola Livestock

Reserve Junior Champion Bull: Goondoola Speed S11 exhibited by the Powe Family, Goondoola Livestock

Junior Champion Female: Goondoola Alana S09 exhibited by the Powe Family, Goondoola Livestock

Reserve Junior Champion Female: Goondoola Royal Flush R40 exhibited by the Powe Family, Goondoola Livestock

Senior Champion Female: WFB Red Dina NO3 exhibited by White Family Beef

Reserve Senior Champion Female: GK Red Maple 94 M37 exhibited by Mellowood Red Angus

Grand Champion Bull: Goondoola Renegade R36 exhibited by the Powe Family, Goondoola Livestock

Grand Champion Female: Goondoola Alana S09 exhibited by the Powe Family, Goondoola Livestock

Supreme Exhibit: Goondoola Alana S09 exhibited by the Powe Family, Goondoola Livestock

Breeder's Group: Powe Family, Goondoola Livestock

Pair Of Bulls: Powe Family, Goondoola Livestock

Sire's/Dam's Progeny Group: Jillangolo Linkman group exhibited by Mr Cliff and Mrs Maree Downey, Redgums Red Angus

Perth Royal

Perth Royal Show 2022 Results

Bull, Over 14 & Not Over 18 Months

Junior Champion Bull Red Rock Shadow

Reserve Junior Champion Bull Red Rock Steiger

Grand Champion Bull Red Rock Shadow

Female, Over 14 & Not Over 18 Months

First - Red Rock Sapphire Second - Red Rock Starburst Third Red Rock Sequin

Junior Champion Female Red Rock Sapphire

Reserve Junior Champion Female Red Rock Starburst

Grand Champion Female

Supreme Champion Red Rock Shadow







Melbourne

Adelaide Royal: Stylish Jillangolo Juliet wins over Red Angus judge

BY QUINTON MCCALLUM, STOCK JOURNAL

WHILE there was no Romeo in the ring, judge Aimee Bolton fell in love with Jillangolo Juliet S10 to name the young heifer the supreme Red Angus exhibit on Saturday.

The Llewellyn family, Jillangolo Red Angus, Keith, who have been breeding Red Angus cattle for more than a decade may have been the sole exhibitors of the breed at the Royal Adelaide, but their lineup impressed the judge and spectators alike.

Juliet S66, a cow in the 14 months and under 16 months class that won junior and grand champion female, got the nod over the Llewellyn's grand champion bull Jillangolo Slingshot S48, who was also junior champion and out of the eight months and under 14 months class.

Ms Bolton said the two animals were similar in their maturity pattern, age, style and type, but the "stylish heifer" got the nod. "She is really hard to fault at all," she said.

"She has great structural soundness and moves around really well on great feet and legs.

"She has a lovely weighty shape, is really refined through the front end, thick throughout the spine and opens up into that reproductive area.

"She's showing all the signs that she'll mature into a fantastic young female and put a great calf on the ground one day."





The young bull also earned the plaudits of Ms Bolton.

"He has good length of body, nice muscle, a nice front end and parades really well on a nice set of feet and legs," she said.

"It is a complete young animal that will turn into a good sire in the future."

The bull weighed 570 kilograms, with an eye muscle area of 105 square centimetres, rib fat of six millimetres and rump fat of eight mm.

The Llewellyns also collected the senior champion cow broad ribbon for Jillangolo Miley M58.

PICTURED BELOW (CLOCKWISE FROM TOP LEFT):

Grand RA male - Nutrien stud stock's Andrew Wilson (left) and Gordon Wood (right) congratulate Haydn Boxall who was leading grand champion Red Angus bull Jillangolo Slingshot S48.

Grand Champion Red Angus Female Jillangolo Juliet S10 led by Lydia Sanders. Photo: Royal Adelaide Show Society

Supreme RA Adelaide - David Bolton, Shepparton, Vic, sashes the red Angus supreme exhibit Jillangolo Juliet S10, led by Jillangolo's Abby Llewellyn and congratulated by judge Aimee Bolton.

Grand RA female - Judge Aimee Bolton sashes the grand champion female Jillangolo Juliet, led by Lydia Sanders.





Adelaide Royal Show 2022 Results

The Bimbadeen Agricultural Prize Junior Champion Red Angus Cow Or Heifer Junior Champion Red Angus Cow Or Heifer: Jillangolo Juliet \$10

Reserve Junior Champion Red Angus Cow Or Heifer: Jillangolo Julie S66

Senior Champion Red Angus Cow: Jillangolo Miley M58

Reserve Senior Champion Red Angus Cow: Jillangolo Heavenly R103

The Knott Family Trophy And The Red Angus Society Of Australia Prize Grand Champion Red Angus Female Grand Champion Red Angus Female: Jillangolo Juliet S10 The Christine Tummel Prize Junior Champion Red Angus Bull Junior Champion Red Angus Bull: Jillangolo Slingshot S48

Reserve Junior Champion Red Angus Bull: Jillangolo Statement S17

The Nutrien Livestock Prize And The Red Angus Society Of Australia Prize Grand Champion Red Angus Bull Grand Champion Red Angus Bull: Jillangolo Slingshot S48

The Anama Red Angus Prize Supreme Champion Red Angus Exhibit Supreme Champion Red Angus Exhibit: Jillangolo Juliet S10

Canberra Royal

Victorian members dominated the Canberra Royal Show in the Red Angus ring. It is fantastic people travel great distances to showcase their animals.

PICTURED RIGHT:

Leading (L to R) Jemima Nugent, Cliff Downey and Bonnie Cox with judge James McWilliam.

The Red Angus Sires' Progeny group at (a very wet) Canberra Royal Show! (L to R) Redgums Holly MCD S8, Redgums Nooshi MCD R23 and Redgums Rudolph MCD R26. All sired by Jillangolo Linkman AOJ L117.

Photo acknowledgement Branded Ag.

Canberra Royal Show 2022 Results

Judge: Jim McWilliam, Kanimbla Poll Herefords, Holbrook

Junior champion bull: Yuroke Rocco, exhibited by Peter and Robyn Simmie, Yuroke, Vic

Reserve junior champion bull: Red Gums Milo, exhibited by Cliff Downey, Yambuna, Vic

Junior champion female: Yuroke Red Ruby, exhibited by Peter and Robyn Simmie, Yuroke, Vic

Reserve junior champion female: Yuroke Red River, exhibited by Peter and Robyn Simmie, Yuroke. Vic

Senior champion female: Nuggets Risky Business, exhibited by Nuggets Red Angus, Wagga Wagga

Reserve senior champion female: WFB Red Dina 903, exhibited by White Family Beef, The Lagoon

Grand champion bull: Yuroke Rocco, exhibited by Peter and Robyn Simmie, Yuroke, Vic

Grand champion female: Yuroke Red Ruby, exhibited by Peter and Robyn Simmie, Yuroke, Vic **Supreme exhibit:** Yuroke Red Ruby, exhibited by Peter and Robyn Simmie, Yuroke, Vic





 $oldsymbol{52}$ red angus



Duy Strain P. Strain

The EKKA is back, and so were 19 Red Angus entrants in the range of classes on offer. Dave Bolton travelled up from Victoria to do the judging, and did a great job. Following the judging, Dave joined the exhibitors for a few drinks and nibbles and shared some more thoughts on the line up of cattle. This was well received by the exhibitors present.

Seven studs presented cattle to be judged including AKM (3 animals), GK Livestock (2), Goonoo (6), K5X (3), Kieyrie(2), Palmview (1) and Rosemullion (2). Though we were short in numbers, the quality of the cattle presented was first-class.

GK Livestock took out the ultimate prize for the females with GK Red 624 Ruba Q5 taking out Grand Champion Cow or Heifer. On the male side, K5X took out the Grand Champion Bull prize with K5X Stockman S119.

Brisbane Royal (Ekka) 2022 Results by Class

Junior Heifer – 8 Months and Under 12 Months

1st – Rosemullion Red Sovereign Trix S10 – HMDS10 – Heather Davies

2nd – Goonoo Red Kite S17 – GSJS17 – Graham & Sandra

3rd – Goonoo Red Snoopy S10 – GSJS10 – Graham & Sandra Jordan

Junior Heifer – 16 Months and Under 18 Months

1st – Rosemullion Red Sapphire S4 – HMDS4 – Heather Davies 2nd – GK Red 624 Dina S02 – GK S02 – Kirrily Johnson-Iseppi & Family

3rd - Rosemullion Red Stellar Trix S5 - HMDS5 - Heather Davies

Junior Heifer – 18 Months and Under 20 Months1st – Kieyrie Red Rambling Rose R3 – KIRR3 – Katherine

1st – Kieyrie Red Rambling Rose R3 – KIRR3 – Katherine Lee-Borg

Junior Champion Heifer

1st - Rosemullion Red Sapphire S4 - HMDS4 - Heather Davies

Reserve Junior Champion Heifer

1st – Rosemullion Red Sovereign Trix S10 – HMDS10 - Heather Davies

Junior Bull – 8 Months and Under 12 Months – 5 Entrants

1st – K5x Stockman S119 – K5XS119 – SB Hayward & SI Smith

2nd – Star Red Sylvester S16 – LEJS16 – Graham & Sandra Jordan

3rd – Goonoo Red Statement S11 – GSJS11 - Graham & Sandra Jordan

Junior Bull – 16 Months and Under 18 Months

1st – Pine Villa Silvester S85 – JJHS85 - Sb Hayward & Ki Smith

Junior Bull – 18 Months and Under 20 Months

1st – Palmview TMN Rodney R4 – PMVR4 – Tony Martii 2nd – AKM Rambo R2 – AKMR2 – Amelie Martin

Junior Champion Bull

1st – K5X Stockman S119 – K5XS119 – SB Hayward & K Smith

Reserve Junior Champion Bull

1st – Pine Villa Silvester S85 – JJHS85 - SB Hayward & Smith

Cow – 30 Months and Under 60 Months – 1 Entrant 1st – GK Red 624 Ruba 005 – GK 005 – Kirrily Johnson-

1st – GK Red 624 Ruba Q05 – GK Q05 – Kirrily Johnson-Iseppi & Family

Senior Champion Cow or Heifer

1st – GK Red 624 Ruba Q05 – GK Q05 – Kirrily Johnson-Iseppi & Family

Grand Champion Cow or Heifer

1st – GK Red 624 Ruba Q05 – GK Q05 – Kirrily Johnson-Iseppi & Family

Grand Champion Bull

1st – K5X Stockman S119 – K5XS119 – SB Hayward & Kl Smith

Groups

Pair of Bulls

1st - Graham & Sandra Jordan

Breeder's Group

1st - Graham & Sandra Jordan

2nd – Amelie Martin

Progeny Stakes Group

1st - Graham & Sandra Jordan – Goondoola Latitude L25 2nd – Amelie Martin – Triple M Norman N72









Melbourne Royal

Youth and age in Red Angus title success

BY ANDREW MILLER, STOCK & LAND

One of the youngest stud principals to exhibit at this year's Melbourne Royal Show has taken the Red Angus supreme exhibit, with a five-year-old cow with twin calves at foot

Maddy Telford, 18, Barham NSW said she had eight cattle in her MGT Cattle Co stud at Barham, NSW.

"I've only started in 2018," she said.

MGT took out the supreme rosette with Bolton Girls Naughty or Nice, an April 2017-drop cow, sired by Red Cockburn Ribeye, out of Trevone Park Whisper.

"I bought this cow about two years ago off David Bolton and he has been a great mentor to me and helped me out," Ms Telford said

"About a month before the show he called me up and told me to 'pull the big girl' out of the paddock and bring her to Melbourne - and she has pulled through for us."

The cow had only been shown as a junior heifer.

"She has a bull and heifer calf, which she had about two months ago, and has done a magnificent job, for a five-year-old cow," Ms Telford said.

"She has a fantastic udder on her, she is deep and has length of body."

"She has great breeding from the Bolton girls, they have done a really great job on her."

Ms Telford described Naughty or Nice as her "maiden" cow.

"She is the main girl, she has calves on the ground, and we will pop out as many more as we can."

Naughty or Nice would be used as much as she could, in the stud, Ms Telford said.

She got into Red Angus after Redgums Red Angus, Yambuna, gifted her a heifer, in 2017, as a thank you for working for them.

"She had a calf and she was the start of it, then I went on to buy the Bolton Girls Naughty or Nice," she said.

Judge Scott Myers, Wagga Wagga, NSW said Naughty or Nice oozed quality.

"She is just really commercial oriented, and those good ones come to the top," he said.

He said the cow was a clear stand-out, in the senior section.

Naughty or Nice had a spring of rib and strength of spine, and behind the shoulder, he said.





"She is put together the way we want our beef cattle to be made." he said.

The cow was functional, had a clean udder and a bright future ahead of her.

"She is commercially viable, but not only commercially viable, but she is also going to be there as a 10-year-old."

Naughty or Nice also took out the senior champion cow and grand champion female ribbons.

Mr Myers told the gallery that before he came to judge at Melbourne he wanted to choose two commercially oriented animals as champion bull and female.

"And I believe I did see them, but that was down to the breeders,"

"The Red Angus is bringing a lot back to the beef industry."

In the bulls, Mr Myers chose the junior sire, L & M Llewellyn and Co's Jillangolo stud Jillangolo Snapper S11, Willalooka, SA as grand champion.

Snapper, a May 2021-drop bull was sired by Woodvale Pegasus P3, out of BST Tullatoola Rose F043.

He had figures of a 105 square centimetre eye muscle area, weighed 726 kilograms, had a nine-millimetre rump and 8mm rib.

"He was an easy doing, fleshy bull, with a lot of carcase to him, commercially steer calves will hit that steer and carcase job," Mr Myers said.

"I loved the softness and freshness of this bull, he had beautiful muscle expression."

He said he was also impressed by the way the bull was "put together", with strength of spine, and a "really beautiful finish" in his skin and hair.

Cliff Downey, trading as Redgums Red Angus, Yambuna, took out the senior champion bull ribbon with Redgums Rudolph MCDR26 - a December 2020-drop sire by Jillangolo Linkman, out of Krakajac Amber.

Mr Myers described Rudolph as a really well balanced bull who was long, clean and had good skin and hair.

"They were two very, very good bulls," he said.

The junior champion heifer was won by Aimee and Olivia Bolton, Bolton Girls, Congupna, with Bolton Girls Soda Pop, sired by Bolton Girls Pilgrim AOBP7 out of GK Cream Soda GKN14.

PICTURED ABOVE (L-R):

Grand champion and junior champion bull was taken out by L & M Llewellyn & Co, Jillangolo, with Jillangalo Snapper S11, Willalooka, SA, here with Angus Llewellyn, Willalooka, SA, judge Scott Myers and Zoetis Bendigo representative Heidi Sutherland.

Red Angus supreme exhibit MGT Cattle Co's Bolton Girls Naughty or Nice, with David Bolton, Congupna, judge Scott Myers, Wagga Wagga, NSW, Rachel Henry, Tamworth, NSW Maddie Telford, Barham, NSW and Shannon Lawler, International Animal Health, Sydney.

Melbourne Royal Red Angus Classic

The Red Angus Classic at Melbourne Royal was a great success thanks to the committee organisers, in particular Cliff and Maree Downey from Red Gums Red Angus. It was a terrific few days showcasing the breed, in particular the evening meal of Red Angus scotch fillet provided by the sponsor Greenhams from producers in the Norther Territory, Angus and Kimberley McKay of Umbearra Station.

The Red Angus Classic was a great initiative that allowed members to gather together and truly appreciate the cattle

and dedication from fellow breeders. All those who attended have found memories of the opportunity to get together after competing.

The Most Successful Junior competitor was awarded to Maddy Telford and presented by Garry Turnham.

PICTURED BELOW (L-R):

THE Red Angus team came second in the Waterford Junior Challenge at Melbourne Show

Red angus classic dinner, featuring red angus meat from greenhams











Busselton Show:Red Rock Red Angus

The bad weather didn't stop Red Rock Red Angus from having a great time with friends over the couple days they there! They took a team along and came away with some fantastic results after being judged under Kevin Yost.

Busselton Show 2022 Results

Red Rock Sequin 1st in 15-17 month class

Red Rock Sapphire 3rd in 15-17month class

Red Rock Shadow 3rd in 15-18month class

Red Rock Sequin (RLBS3) Grand Champion British Female.

Sponsored by KD Power

Red Rock Sequin then went on to be Reserve Champion Heifer of the show, sponsored by Nutrien Livestock & Breeding WA













North Coast National: Supreme Win For Red Angus Female

BY JAMIE BROWN, THE LAND

Veteran show female, Ruby Red Snoopy P7, has maintained her prowess in the beef ring, winning the supreme exhibit of the North Coast National at Lismore in October, with her third calfat-foot, this time a young bull.

Breeder and owner of Ruby Red Angus at Wyrallah via Lismore, Monique Gapes, was unable to attend, as she is working as a governess on Queensland's Victoria Downs but her extended family willingly took her place.

Bred from a Triple M Snoopy, going back to Triple M's foundation cow, Snoopy P7 previously impressed as a senior champion heifer in 2020 at Toowoomba's Angus Youth Roundup.

Triple M principal and Monique's uncle Craig said the win was more for the next generation of Gapes to come through the stud experience and he tipped his hat to other breeders who had prepared their animals so well after flood and a dim winter.

"Most of the cattle showing are local this year and I think it's incredible what people have done," he said.

Mr Gapes has been breeding Red Angus for 22 years and showing them at the North Coast National for the past 15, previously winning supreme exhibit and reserve in the interbreed group.



PICTURED: Supreme exhibit at the North Coast National Lismore Show, Ruby Red Snoopy P7 with bull calf at foot, pictured with Craig Gapes, Triple M Red Angus at Rukenvale, with Scott, Melita and Alister Gapes and with judges Matt Hann, Clint McCarthy and Michael Lamph.

Power of Red VIII Sale

The PORVIII Sale was held on Saturday 10 September at Toowoomba Showgrounds and online via Elite Livestock Auctions. A total of 26 stud bulls sold for a top price \$22,000 (Boonyouin Reality MAKR29) and averaged \$10,923. The top priced cow and calf unit was GK Red Magic Trix (GK M19) selling for \$16,000. The vendors were happy with the overall sale average. There was lots of interest for Red Angus and most bulls sold to commercial buyers for cross breeding purposes. Congratulations to all involved!





 $58\,$ RED ANGUS



\$20.000reasons for Willandra to celebrate

BY KANE CHATFIELD. FARM WEEKLY

THE Willandra Simmental and Red Angus stud's 34th annual on-property sale at Williams last week delivered a memorable result.

Elevated buying competition and along with a complete

catalogue of 59 rising twoyearold Simmental and Red Angus bulls that continues sparking plenty of favourable following the sale.

big crowd in attendance, including a strong register of 52 return and new prospective buyers from throughout the State including locally, South West,

Geraldton and Esperance joining a swag of interstate interest logging into the sale on AuctionsPlus.

The Willandra sale has gone from strength-to-strength producers demonstrating their readiness to bid up to secure their bulls of choice.

Cowchers for their committed and professional approach to their breeding and customer

Once the 67th and final selling team led by auctioneer Michael Altus had sold all 59 average of \$10,068.

This represented a significant cent) sold at auction for an overall average of \$7274.

Red Angus 19 bulls averaged \$9895, a jump of \$2689 from last year where 17 of 19 bulls (89pc) sold at

Nutrien Livestock Williams agent Ben Kealy paying top bulls at \$11,000 and the going to a local grazier.

Penned deep into the Memphis M14 and Red Beth J95. It is a low birthweight (top 5- 10pc) with an even figures including top 5-10pc eye muscle area (EMA) and vealer index, top 15pc CWT and top 20pc supermarket

> Mr Kealy's previous purchase was for a high index 748kg Jutland Nino son.

auction to average \$7206.

The line-up of Red Angus

bulls gathered momentum

He said the bulls had strong percentiles and are good

"Low to average birthweights, bulls, soft and long with great temperaments and good growth

stud, Perup, paid the next highest value of \$13,500 for Richtoffen, the second Red Anaus bull offered.

birthweight (top 20-25pc) Nino son from the Red Beth family born mid-April 2020 and recorded above average top 15pc milk and SI and top 25pc EMA.

The next highest price of \$12,500 was paid by three

First to pay was Mogumber producers Ballee Pty Ltd for team leader Randal, an 804kg late March 2020 born son of strong growth and carcase traits in the top 10-25pc.

Consistent top-end buyers first paid \$10,000 for a Nino son then raised their sights several lots later paying April born lower birthweight bull (top 25pc) also with above average traits and

Nino again featured in the top prices with Sean

Boyanup Beef Female Sale

New benchmark set for heifers at Boyanup

Cowaramup and Dardanup,

sold both PTIC Angus and Red Angus heifers, with their

Angus averaging \$4342 and

the Red Angus returning an

The Red Angus kicked off

strongly and that continued

to the last pen of outstanding

feminine females with growth.

Treeton Lake sold the first

pen for \$4600 followed by the

next pen of six at \$4700, with

both going to Farris Family

Both lines were PTIC to a

Bandeeka Red Angus bull and

due to calve from March 2 to

Marybrook producer Norm

Dennis, GF Dennis & Co

offered the other four pens of

Red Angus heifers and his top

to \$4550 for the line.

offering.

for \$4200.

average of \$4646.

Trust, Busselton.

BY ROB FRANCIS. FARM WEEKLY

LET the good times roll. The Elders Special Beef Female Sale at Boyanup last week continued the trend of very strong prices and demand of recent weeks, with prices topping at \$4700 for PTIC Red Angus heifers.

With quality excellent through the total heifer offering. buyers again pushed prices to record highs and like past sales there were buyers returning home without their breeder requirements.

A total of 366 cattle comprising of PTIC beef heifers, PTIC cows and a few pens of cows and calves were offered in the sale and they all sold for an average of \$4219. Generally, all breeds sold to a similar top price and competition when the Angus heifers topped at \$4650, Red Angus \$4700 and Murray Grey at \$4500. The 44 Red Angus averaged \$4468.

Vendors were rewarded for the quality and breeding of their cattle. Howard and Helen Griffiths, HW Griffiths & Co. Ferguson, regular top price sellers, sold 96 PTIC Angus heifers to a top of \$4650 and an average of \$4385, while the Harris family, Treeton Lake,

Gillespie, Westcoast Wool &

The early April 2020 born 806kg bull was out of a Red Bieber Steakhouse daughter also recorded extremely consistent well above average growth and carcase traits and indexes

Nutrien Livestock Bridgetown agent Ben Cooper paid \$12,000 for a Nifty son on behalf of a local client, and DD & EM Hutton, Witchcliffe, was the two Red Angus bulls costing to \$8500.



The heifers sold by Mr Dennis were PTIC to a Willandra Red Angus bull selected specifically for a heifer mating and they are due to calve from February 18 for seven weeks.

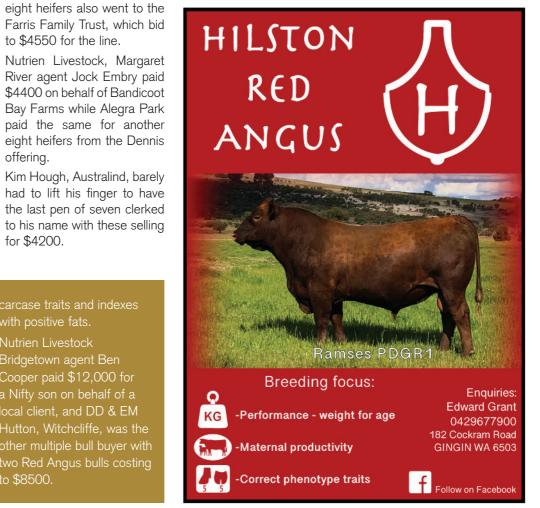
ELDERS auctioneer and Margaret River agent Alec Williams said it was an extremely strong sale and vendors were rewarded for the quality heifers they offered.

"The quality of the yarding exceptionally good and the vendors are to

be congratulated for the presentation on the day," Mr Williams said.

"There excellent presentation was rewarded with an extremely good which was well above their expectations.

"Thank you to all the buyers and underbidders on the day for appreciating the quality and were prepared compete and acquire some very good females."



60 RED ANGUS ZUZS ANNUAL OI

Kingslane and Magic Valley bull sale

Top Magic Valley bull sells for \$11,250

BY JESSICA WHYTE, FARM WEEKLY

STRONG support from buyers helped produce a strong result at the Kingslane and Magic Valley Red Angus bull sale in Benger this week.

The Cranston family, Kinglsane Red Angus, Benger and Bennett family, Magic Valley Red Angus, Harvey, came together to put up a total offering of 27 bulls, with all of the bulls being sold under the hammer to average \$7861.

Figures improved across the board with 27 registered bidders helping to achieve a 100 per cent clearance for both studs and also saw an improved overall gross up by \$100,500.

Kingslane offered 22 bulls averaging \$7591 and Magic Valley offered five averaging \$9050.

The average was up for both studs compared to the 2021 sale when Kingslane stud averaged \$4750 and Magic Valley averaged \$5250.

The sale also sequentially interfaced with AuctionsPlus. with three bulls selling via the platform.

In terms of logins there were 22 users, five viewers and 11

One bull, Kingslane Revenger JWCR73 sold at \$9500 to a New South Wales (NSW) buyer and had figures of

+2.1 BWT, +34, +66, +77, for 200, 400 and 600 day growth rates, +3.6 EMA and +0.7 IMF.

Kingslane Redeemer JWCR42 made \$9000 and sold to the same buyer from

It had figures of +1.4 BWT, +21, +30, +32 for 200, 400 and 600 day growth with +4.2 EMA.

The final lot to sell on AuctionsPlus was Kingslane Rockstar JWCR3, sold for \$8250 to a Queensland buyer, and came with EBVs of +3.2 BWT, +36, +57, +70 for 200, 400 and 600 day growth and +2.9 EMA and +0.6 IMF.

Prices topped at \$11,250

paid by Victoria Bennett, AL & VJM Bennett. Western Reds Red Angus, Manypeaks, for a bull Magic Valley Rocket MVBR19 sired by HXC Allegiance 5502C USAM3494126.

The bull had estimated breeding values (EBVs) of +2.6 birthweight (BWT), +37, +63, +78 for 200, 400 and 600 day growth, +3 eye muscle area (EMA) and +0.6 intramuscular fat (IMF).

Ms Bennett said the bull was not only well presented but had the EBV figures to back

"It looked sound, with good muscling, good feet and a solid backend," Ms Bennett

Elders Brunswick and Harvey representative Craig Martin (left), buyers Victoria and Penelope Bennett, Western Reds Red Angus, South Stirlings and Magic Valley's Sonia, Richard and Jack Bennett and Dimitri Novatsis with the \$11,250 top priced bull Magic Valley Rocket MVBR19 at Benger.

Kingslane farm manager Geoff Hillman (left) buyers Robbie, Sue and Kate Johnston, Preston Downs Farming, Esperance and Elders Brunswick and Harvey representative Craig Martin with the \$10,750 second top pricedbull of the sale Kingslane Redback JWCR23 at Benger this week.



"It was a curve bender because it had a good birthweight, with good calving ease along with good meat quality traits.

"As a breeder it's important that our clients can purchase bulls from us and trust that they are getting not just a good looking bull but one that will perform as well."

The Bennetts run 33 breeders and will put the bull over some of their cows to gradually build up their numbers as they head towards building up their own

Magic Valley's Richard Bennett said that it was a fantastic sale.

"I'd like to thank the Cranston family. Kingslane stud for the use of their facility and a special thanks to all of our loyal clients who continue to purchase our bulls year in and year out," Mr Bennett said.

"We look forward to continuing to breed bulls for them to buy each year." Returning clients the Johnston family, Preston

Woodonga Farm paid \$9750

Downs Farming, Esperance paid the second top price of the sale and the top price in the Kingslane offering of

The lot five bull Kingslane Redback JWCR23 sired by HXC Declaration 5504C had EBV figures of +3.9 BWT, +40, +61, +76 for 200, 400 and 600 day growth, +1.8 EMA and +0.7 IMF.

\$10,750.

The Johnstons run a commercial herd of 550 mated females which the bull will be used within.

Mr Johnston said it was a nice soft bull and added a new sire bloodine to their program.

"It's sired by a Declaration bull and had good growth to go with it," he said.

The Johnstons went on to purchase one more bull Magic Valley Ripley MVBR22 sired by Red Six Mile Custom Made 505C at \$10,000.

It had EBVs of +2.2 BWT, +29 +42 +48 for 200, 400 and 600 day growth, +1.7EMA and +0.2 IMF.

for Kingslane Rockyroad JWCR17 sired by HXC Declaration 5504C.

PC Fraser, Nannup, purchased two bulls, the first Kingslane Razorback JWCR7 sired by HXC Declaration 5504C made \$9000.

It had figures of +3.7 BWT, +35, +67, +76 for 200, 400 and 600 day growth, with +2.8 EMA and +0.2 IMF.

The second bull purchased by PC Fraser was Kingslane Roadrunner JWCR53 for \$7750.

Tom Tate & Co, Rosa Brook, paid \$9000 for Magic Valley Rupert MVRB23 which had EBVs of -0.3 BWT, +27, +45, +50 for 200, 400 and 600 day growth, +2.6 EMA and +0.6 IMF.

The Rosa Brook operation also secured Magic Valley Romeo MVBR3 at \$7000.

The volume buyer of the sale was Peter Piercy, PJ Piercy, Waroona, securing four bulls at a top of \$8000 to average \$6313.

Another three bulls made a top of \$8000 including

Kingslane Robinhood JWCR73 which sold to GJ & J Watt, Cowaramup, Magic Valley Rodeo MVBR31 to Yilgarna Wines, Denmark and Kingslane Robinson JWCR25 to CAS Cowcher & Son, Williams.

The Watts also purchased Kingslane Rabbi JWCR140 for \$7750. Dairydale Pastoral Co, Boyanup paid \$7750 for iust one bull Kingslane Raider JWCR26.

Elders Brunswick/Harvey representative Craig Martin said it was a strong sale with good competition throughout.

"All of the bulls were well presented and sold in line with today's market," Mr Martin said.

Elders auctioneer Nathan King said the quality of the bulls was exceptional and the sale reflected that.

"There was plenty of willing buyers in attendance, who helped produce a good solid sale and 100pc clearance," Mr King said.

The Invitational **Bull Sale** Tamworth. NSW











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Collecting Samples for DNA Testing Purposes



TIP SHEET

The utilisation of DNA information in beef breeding programs has become increasingly widespread. For beef producers, the three major applications of DNA information are:

- Parentage verification.
- Management of genetic conditions and/or qualitative traits (e.g. horn/poll status, coat colour).
- Genomics (the use of DNA information in the BREEDPLAN genetic evaluation).

In practice, many beef producers undertake DNA testing of their animals for a combination of these reasons.

WHAT SAMPLE TYPES CAN I COLLECT FOR DNA TESTING PURPOSES?

There are several different sample types that are commonly collected by beef breeders for DNA testing purposes. These include:

1. Tissue Sampling Units (TSUs)

Beef producers collect an ear plug sample from their animals using a specialised applicator gun (shown below). TSUs can be collected from birth and are often collected in conjunction with calf tagging. TSUs have a unique barcode system that can be linked to



animal ID tags (including NLIS tags). This barcoding system, along with machine processing, means that sample mix-ups are less likely than for other sample types.

TSUs can be shipped at room temperature; however, once the tissue samples have been collected, TSUs are not suitable for long term storage in a home environment.

2. Hair Samples

Hair samples are collected by pulling approximately 40 hairs from the tail switch of an animal. These hairs should be clean (i.e. free from any foreign matter such as manure) and dry. As the DNA is contained in the root bulb, it is important that hair samples are **pulled**, and not cut.

Collecting hair samples from calves younger than 60 days of age is **not** recommended as the hair roots are still developing. Instead, hair samples are commonly collected when calves are brought into the yards at weaning.

Hair samples are suitable for long term storage at room temperature in a home environment.



3. Semen Samples

Semen samples can be collected from mature bulls. While TSUs and hair samples can be

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For more information visit breedplan.une.edu.au

... from page 65

collected when a bull is still immature, one advantage of a semen sample is that it can be used to procure DNA when the physical animal is not readily available (e.g. overseas and/or deceased sires).

Semen straws should be thawed prior to postage; however, they should not be left to sit at room temperature for prolonged periods of time. Semen straws should also be protected to prevent damage while in transit; placing each straw inside an empty pen is a good option. If sending multiple straws, each should be placed into a separate sealed plastic bag to prevent contamination of all straws should one break in the post. Please note that only unopened semen straws can be processed.

HOW DO I SUBMIT SAMPLES FOR DNA TESTING PURPOSES?

DNA testing for beef cattle is conducted by commercial genotyping service providers. Many breed societies have arrangements with commercial genotyping service providers that cover sample submission protocols and testing costs. If your breed society has such an arrangement in place, then a major advantage of utilising this is that it ensures that any DNA tests you undertake can be entered against the relevant animal on the relevant database. This will allow the DNA test results to be utilised in any relevant analyses. Please contact your breed society for further details of their DNA testing arrangements.

WHAT CONSIDERATIONS SHOULD BE MADE WHEN COLLECTING SAMPLES FOR DNA TESTING PURPOSES?

- Beef producers should note that only some BREEDPLAN analyses currently utilise genomics information (typically referred to as Single-Step BREEDPLAN analyses). If you are unsure whether your BREEDPLAN analysis includes genomics information, please contact staff at your BREEDPLAN processing centre for further information.
- Sufficient time should be allowed for DNA

samples to be included in the BREEDPLAN analysis. This process is not a quick one; once received by the commercial genotyping service provider, samples are processed (this step alone typically averages three to four weeks). The resulting DNA information is then returned (typically to the breed society) to be loaded onto the relevant database, where it will wait until the next BREEDPLAN analysis takes place.

In the majority of cases, a three to four month turnaround should be sufficient time for this process to take place. However, a small subset of animals may require re-sampling. Therefore, if producers require the resulting EBVs for a time-sensitive purpose (e.g. selection of replacement heifers, to include in sale catalogues), it is recommended that DNA samples are submitted at least six months in advance of their deadline.

- The long-term home storage of samples for DNA testing purposes is highly recommended.
 Done correctly, the storage of such samples can be done at very low cost and provides 'insurance' against a number of eventualities.
 These include:
 - Re-testing required. A small number of samples will require retesting before a valid DNA result can be obtained. Therefore, the collection and storage of a second spare sample when the first is collected allows a re-sample to be sent to the laboratory without the need to muster then animal back into the yards for re-sampling.
 - Further testing on already tested animals. Breeders may initially only perform one of the smaller DNA tests (e.g. a single genetic condition) but decided they want more DNA information (e.g. additional genetic condition test and/or genomics) in the future. There is no guarantee that the commercial genotyping service

- provider will have sufficient sample remaining from the first sample, so having a second sample in storage is convenient for resubmission.
- Future testing of untested animals (alive or dead). The storage of samples collected on every animal in the herd allows future testing of any animal if any questions regarding parentage and/or genetic condition status arise. This includes future genetic conditions that are not yet identified.

Of the three sample types outlined in this tip sheet, hair samples are particularly well suited for cheap and convenient long-term storage. Each individual hair sample (with root bulbs attached) should be placed in a clearly identified paper envelope and stored in the dark at room temperature (e.g. in an office draw or filing cabinet). The storage of hair samples in plastic bags can lead to them 'sweating' and going mouldy so is not recommended. Neither semen straws nor TSU samples are recommended for long-term

- storage at room temperature.
- A number of breed societies offer DNA testing 'bundles'. These package a number of DNA tests together, allowing breeders to request parentage verification, genetic condition testing and/or genomics for a single price point. This single price point is usually cheaper than requesting each DNA test individually, while also having the added advantage of simplifying the request process.
- Beef producers should be aware that some commercial genotyping service providers may charge surcharges to process certain sample types. Information on sample type surcharges should be available from your genotyping service provider and/or your breed society.

For more information regarding DNA sample collection or genomics in general, please contact staff at your BREEDPLAN processing centre.



Scan the QR code or click <u>here</u> to view a short video on collecting samples for DNA testing purposes



For more information visit breedplan.une.edu.au

BREEDPLAN results are calculated by the Agricultural Business
Research Institute using beef genetic evaluation analytical softwar
developed by AGBU and Meat & Livestock Australia Limited.

For more information visit breedplan.une.edu.au

BREEDPLAN results are calculated by the Agricultural Business Research Institute using beef genetic evaluation analytical software developed by AGBU and Meat & Livestock Australia Limited.

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TIPS & TOOLS





How do I select and manage bulls?

Selecting the right bulls for your breeding objectives and managing them effectively is key to ensuring the long- term productivity and profitability of your herd.

Producers can use these Tips & Tools to understand the importance of appropriate bull selection techniques and to implement best practice management strategies on-farm.

The importance of picking a performer

GENETIC COMPOSITION

The bull you purchase today will impact the genetic composition of your herd for the next 12–18 years.

While a bull will directly affect progeny performance for as long as he's servicing a herd (roughly four years), the herd's replacement weaner heifers that are joined to new sires can still produce progeny with performance traits of the original bull 8–10 years after his removal.

GENETIC IMPROVEMENT

Sire selection drives genetic improvement and is approximately 10 times more important than heifer selection. For example, a bull could produce around 120– 180 progeny over his time in the herd but an individual breeder cow may only produce 6–8 progeny.

A bull with the genetics required to direct the herd towards your breeding goals is often referred to as a 'herd improver'. While a 'herd improver' will increase genetic gain, a bull with inferior genetics will take your herd backwards.

Key considerations

BREEDPLAN

BREEDPLAN – a modern genetic evaluation system for beef cattle – enables producers to accelerate genetic progress in their herds through the use of Estimated Breeding Values (EBVs) for a range of important production traits such as weight, carcase and fertility.

By seeking stud breeders who measure and record performance data in their herds via the BREEDPLAN database, producers can select sires that directly align with their breeding objectives. For example, if you're looking to improve female fertility, it's important to purchase bulls with EBV traits such as 'days to calving'.

BULLCHECK

A BULLCHECK examination provides assurance to the bull buyer that at the time of examination, the bull was reproductively sound. However, bulls will still need to be monitored for injury, disease and nutrition status, which may affect fertility after the examination.

BULLCHECK examinations are carried out by an accredited veterinarian:

- prior to sale or purchase
- annually for herd bulls especially single sire groups and short- controlled mating systems.

Once the veterinarian has deemed a bull 'sound', they will provide an Australian Cattle Veterinarians (ACV) BULLCHECK Certificate of Approval and a summary of the tests will be provided in the bull sale catalogue.

Five components of BULLCHECK explained

The BULLCHECK examination involves assessment of five components of likely fertility:

- 1. Scrotal circumference
- 2. Physical
- 3. Semen
- 4. Morphology
- 5. Serving.

1. SCROTAL CIRCUMFERENCE

Testicular size provides an indication of the sperm- producing capability of a bull. While 'big is better' to a certain extent, excessively large testicles may indicate abnormalities. Testicles should be firm and springy but not hard or too soft. Scrotal circumference (as measured with a scrotal tape) is a highly heritable trait, with estimated breeding values available up to 400 days of age.



This trait is a good indicator of puberty in young bulls, which usually occurs when the circumference is 27–30cm. Scrotal circumference is also moderately correlated with the bull's daughters' age at puberty.

Sale bulls must meet a minimal prescribed scrotal circumference prior to sale. This varies according to age, body weight and breed

2. PHYSICAL

This entails a full physical examination of jaws, teeth, eyes, joints, hooves, limbs, prepuce, penis, internal sex organs and locomotion. Bulls must be structurally sound and

free of lameness if they are to perform in a natural mating environment. However, bulls with acquired injuries may still be available for semen collection.

3. SEMEN

Semen is often collected using an electro-ejaculator, but other techniques such as internal massage or use of an artificial vagina can be employed with training. The penis is usually examined at this stage and the colour and density of the semen is recorded. The semen should be:

- creamy in colour (not watery)
- · free of pus and blood.

A drop of semen is immediately examined under a field microscope for wave motion (1–5) and individual sperm progressive motility (0–100%). On low magnification, the semen should be swirling around and very active.

On higher magnification, an assessment of the number of individual sperm that are swimming progressively forward is estimated. In the majority of cases, a bull that has a wave score of three or four and a motility score >70% will be sound reproductively.

However, semen that is watery with low wave motion and sperm motility may still be satisfactory and it may be a reflection of the quality of the ejaculate obtained on the day.

4. MORPHOLOGY

A few drops of semen are placed in a vial of 10% formol saline and sent off to an accredited semen laboratory for further analysis. Using a high-powered oil immersion microscope, 100 individual sperm cells are assessed for normality. Failure of bulls to pass a morphology test may be the result of:

- immaturity
- sexual inactivity
- poor body condition
- relocation or a recent febrile condition.

5. SERVING

The final component of BULLCHECK assesses the bull's ability to successfully mount and achieve intromission. The test is labour-intensive and performed under strict guidelines for animal welfare. It can be performed using a cow on heat but normally requires restraint of a cow in a serving capacity crate.

Abnormalities such as spiral deviation of the penis and penile haematoma are identified in this test, as well as problems with hips and inability to mount.

If information on serving ability is not available, producers should still monitor their bulls during natural service to assess if intromission is complete.

Management

It's one thing to select the right bulls, and another to manage them effectively to ensure they're having maximum impact within your herd. Here are the key things producers should consider for best practice bull management.

Maintaining semen quality and bull soundness

It's essential that all newly purchased bulls have undergone a BULLCHECK prior to purchase (see page 1) to ensure their semen quality is up to standard.

The semen quality of bulls that have passed their initial BULLCHECK will most likely remain satisfactory provided they are:

- maintained in good condition
- are free of disease
- have not suffered traumatic injuries.

Semen quality is related to the condition of the bull, so avoid testing bulls at the completion of a dry season when they may be in poor body condition.

Producers who are unable to implement an annual BULLCHECK still need to undertake an annual inspection of all their bulls prior to joining. In continuously mated herds (or breeding systems that use restricted joining), this should be done at the first muster.

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If bulls exhibit the following abnormalities, culling should be considered:

- poor temperament
- prolapse of the prepuce
- swollen penis
- very hard or very soft testes
- bulls with severe lameness in their hind quarters
- bulls observed serving in the yard and fail to achieve intromission because the penis deviates to the side.

Some bulls may recover with rest or surgical intervention but this is not recommended unless the animal is extremely valuable and can be reassessed prior to returning to the breeder herd.

Culling age for herd bulls

Theoretically, semen quality in a bull can remain satisfactory up to approximately seven and a half years of age. However, in practice most bulls should be culled sooner than this.

When deciding whether to cull a bull, producers should consider:

- Is the bull maximising genetic gain in my herd?
- Has lameness and mounting failure become more prevalent with this bull?
- Has the bull experienced any spiral deviations, prolapses or penis issues?
- Does the bull tend to fight with younger bulls and prevent them from performing?
- Has inbreeding become an issue in my herd?

There are no defined rules on the age to cull a bull. However, a general guide would be to cull herd bulls at six years of age and to purchase replacement bulls to start working at two years old – especially if annual BULLCHECK examinations are not performed on herd bulls and semen is not evaluated.

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Disease

VIBRIOSIS

Vibriosis is the most important disease to consider because it's a venereal disease which is common throughout Australia. If bulls aren't vaccinated, they can pick up vibriosis from an infected cow and end up spreading it to the rest of the herd.

PESTIVIRUS

Pestivirus can cause problems if a persistently infected bull is introduced to a naïve herd of breeders, as it will continuously shed the virus and cause infertility and early embryonic loss in cows

LEPTOSPIROSIS

Leptospirosis is not a disease that causes clinical signs in bulls but it can cause serious health problems in humans. Bulls can be asymptomatic carriers of the organism and it's recommended bulls be immunised when the rest of the breeder herd is being vaccinated.

MORE INFORMATION

You can download the full Tips & Tools suite at: mla.com. au/repro-performance, including: What females should I sell? What joining system should I use?

How do I manage heifers pre-joining to improve reproductive performance?

Calf loss – do I have a problem?

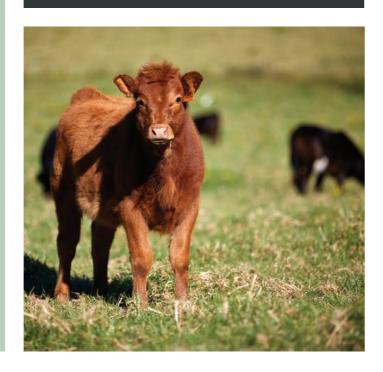
What causes calf loss? How do I select and manage bulls?

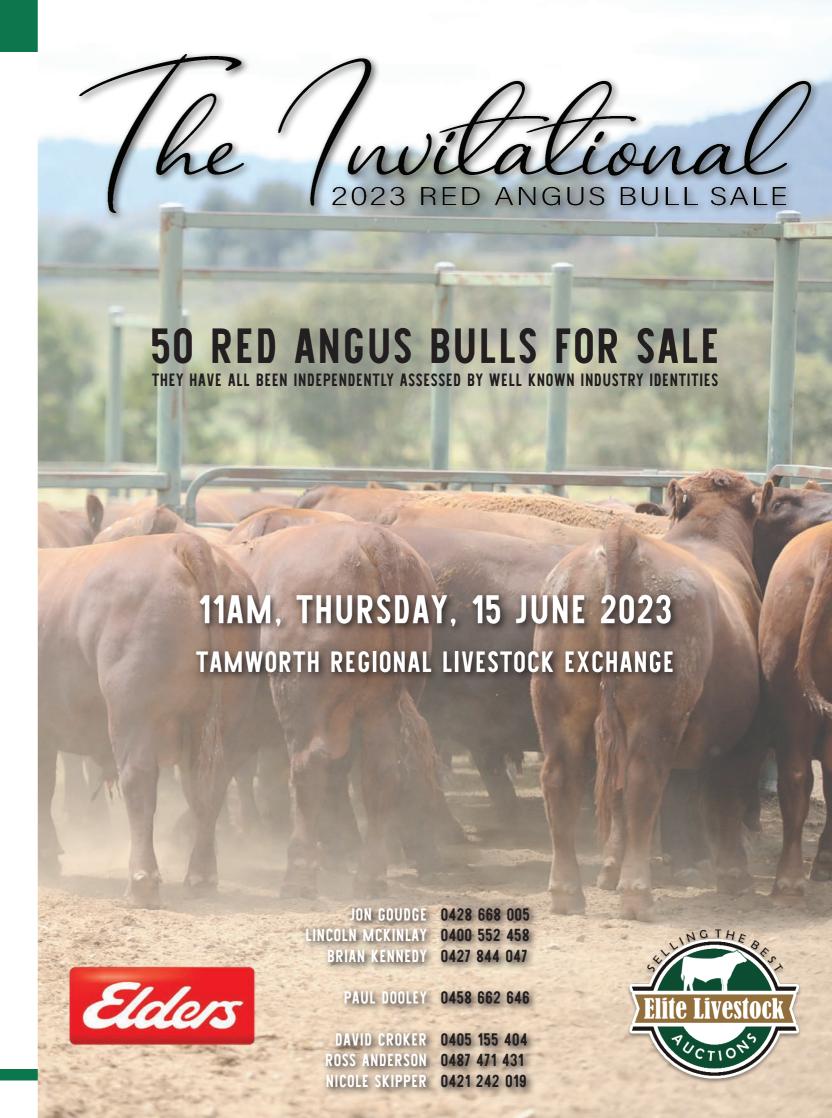
Georgie Mutton

E: gmutton@mla.com.au

Tony Parker

E: tparker@mla.com.au







Benefits of Fixed Time AI (FTAI)

FTAI allows producers to increase the entire profitability of their system through easier calving,

shortened breeding and calving seasons, and improved fertility, all while reducing the

incidence of postpartum anoestrus and creating a more uniform line of calves.

+ Superior Genetics, Superior Profit

From fertility and structural traits through to carcass merit, high accuracy genomic and proven sires are perfect for increasing your bottom line.

Benchmarked herds using FTAI each year are returning \$150 per cow more than those not using FTAI.

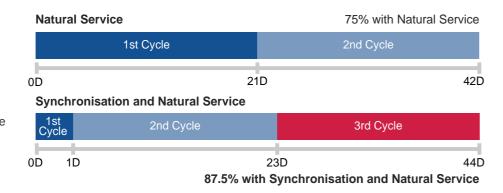
In a 300-cow herd that is \$45,000 added to your bottom line.

Joining daughters of high accuracy sires to another high accuracy sire increases the overall accuracy of EBVs within the herd.

This makes your joining decisions more effective as well as improves your ability to accurately select the correct sires for your herd, improving your overall profitability.

+ Increase Pregnancies

Synchronising your herd results in an extra oestrous cycle for your breeding females over a standard 42-44 day breeding season. Effectively, 50% of your females could conceive on day one of your breeding program.

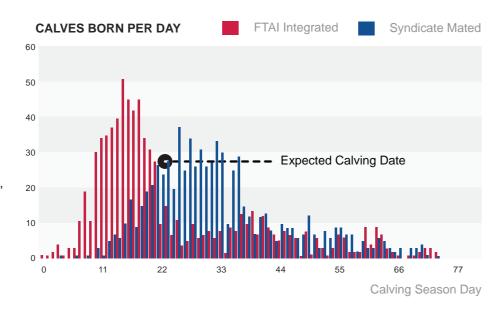


+ Shorten Your Calving Season

On average, a standard FTAI program will reduce your herd's average calving date by 9 days, now referred to as "the 9 day effect" for its sustained benefit to your herd.

- Assuming every day equates to 1kg extra live weight, at weaning time, animals would average an extra 9 kg live weight
- At \$5/kg calves are worth an average of \$45 more at weaning time, solely due to a condensed calving interval.

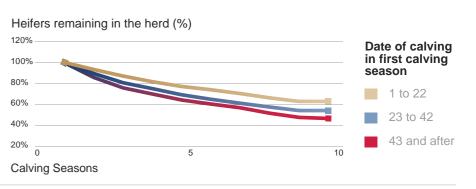
Natural service will leave 43% of animals less than 50 days postpartum leading into the next breeding season. Use FTAI to reduce this "at-risk" group to only 7%!



ABS Australia, 15 Scholar Drive, Bundoora Vic 3083

+ Increase Longevity of Breeding Females

FTAI results in more maiden heifers calving down in the first 21-day window of a calving season, making them 13% more likely to remain in the herd as mature age cows compared to those who have their first calf after the 42-day mark of their maiden calving season.



+ Reduce Postpartum Anoestrous

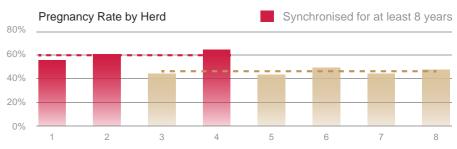
FTAI increases the average postpartum interval of your breeding females by getting them in calf earlier in the breeding season, allowing greater time

for recovery and a chance to begin cycling before the next breeding period. Using exogenous hormones through FTAI will also help animals in postpartum anoestrous to begin cycling again, increasing the number of females available to breed on day one of the breeding season.

+ Improve Response to Synchronisation Over Time

A study headed by Dr Cliff Lamb of the North Florida Research and Education Center has demonstrated an increase in pregnancy rates among herds (shown in red) that had been previously exposed to synchronisation for at least 8 years.

Get your calves dropping earlier and boost uniformity - create your own 9-day effect.



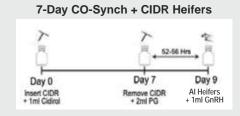
You will join larger, healthier and more mature heifers. They will get in calf earlier, calve earlier, and be

ready to conceive on day one of next year's mating program, increasing your pregnancy rates year after year.

Selecting a Protocol For Your Herd

The most commonly used protocol for beef FTAI programs is the 7-day CO-Synch + CIDR for both cows and heifers. These are essentially the same protocol, apart from a larger time interval between CIDR removal + PG and insemination of cows (60-66hr) compared to heifers (52-56hr), as shown here.

		7-Day CO	-Synch + CIDR	Cows
Hormone	Common Name	>	>	*
Oestradiol	Bomerol, Cidirol	8	P 60-66	Hrs.
Progesterone	CIDR Eazi-Breed	4	7	-
Prostaglandin (Pr	G) Ovuprost, Estrumate	Day 0 Insert CIDR	Day 7	Day 10 Al Cows
GnRH	Ovurelin, Gonabreed	+ 2ml Cidrol	+ 2ml PG	* 1ml GnRH



DISCLAIMER: Drugs may be hazardous to humans and unborn children. Ensure drugs are used and stored as directed. Read labels before use

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Scan the QR code to search the Red Angus database by either name or location. Find all members and animal listings in the one spot!

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NSW

NSW LIFE MEMBERS

R. & J. FRANKENBERG HOWLONG NSW 2643 T: 02 6026 5356 E: judy@frankenberg.com.au ORIGINAL MOORWATHA (M1)

W.M. TOM
PARKES NSW 2870
T: 02 6862 1267
E: kimbar3@bigpond.com
ROSEDURNATE (R)

NSW FULL MEMBERS

ELDERS STUD STOCK
DUBBO NSW 2830
T: 02 6881 4700
E: Paul.Jameson@elders.com.au
(301)

5M RED ANGUS MOLONG NSW 2266 E: dahobbs@bigpond.com 5M (5M)

H.D. STEARMAN
NEMSC NSW 2348
T: 02 6765 9377
E: ds.scon@bigpond.net.au
CHAN ABBEY (ADX)

ARTHUR KELLY
KANGAROO VALLEY NSW 2577
E: arthur_kelly@hotmail.com
AK (AKY)

ANTHONY MOUNTNEY
KEMBLA GRANGE NSW 2526
E: info.acmtrainingstables@gmail.
com
ACM (AM3)

ELIZABETH JILL GRIEVE
MUDGEE NSW 2850
E: elizabeth.grieve@bigpond.com
TALOOBY RED (BGV)

RHONDA & BARRY STUBBS
Tatham NSW 2471
E: barrhon1@bigpond.com.au
BARRHON LODGE (BRS)

DAVID & DEBORAH JEPPESEN GUNDAROO NSW 2620 E: jeppos@me.com COOLBARDIE (CBD)

MICHAEL CLOSE
GILGANDRA NSW 2827
E: michael-gloria@outlook.com
CLOSE DREAM (CD1)

CL FULLER T/AS DIAMOND ANGUS COWRA NSW 2794 E: christie_fuller@yahoo.com

E: christie_fuller@yahoo.com
DIAMOND (CFI)
CROOBLE PASTORAL CO

MOREE NSW 2400
T: 02 6754 0284
E: crooblepastoralco@bigpond.

CROOBLE (CPC)

DA & AT HOBBS
MOLONG NSW 2866
T: 02 6366 8378
F: dahahbs@bignond.c

E: dahobbs@bigpond.com ROUND-EM-UP (DAH)

BRADLEY, DAVID & MARGARET BROWN DUBBO NSW 2830 T: 02 6887 2751 E: aussierural@bigpond.com AUSSIE RED (DBM) DOODLE COOMA PAST CO ALFREDTOWN NSW 2650 T: 02 6922 7705 E: daryl.schipp@bigpond.com

DAVID CROKER
BERRIMA NSW 2577
E: jarved81@hotmail.com
BOLONG (DHC)

MANUKA (COBAR) PTY LTD COBAR NSW 2835 T: 02 6837 3797 E: info@etiwanda.com.au ETIWANDA (ETZ)

FISHINGTON RED ANGUS WONGWIBINDA NSW 2350 T: 02 6775 8546 E: fishington@bigpond.com FISHINGTON (FAS)

GJI LIVESTOCK COWRA NSW 2794 E: gaviniseppi@yahoo.com GJI (GJI)

GREEN PLANET LIVESTOCK KUNGHUR CREEK NSW 2484 T: 02 6679 7273 E: john@gplanet.com.au GPL (GPL)

GW & SJ JORDAN TAMWORTH NSW 2340 T: 02 6765 7226 E: graham@betari.com.au GOONOO (GSJ)

HANNA WADE & BRODIE KELLY KURRAJONG NSW 2758 T: 0401 068 221 (Hannah) E: hannawade@hotmail.com KELLY'S CREEK (HBK)

HICKS BEEF PTY LTD HOLBROOK NSW 2644 E: aahicks@bigpond.com HICKS (HRA)

J.T. & J HAYCOCK YEOVAL NSW 2868 T: 02 6846 4060 E: twojs42@hotmail.com PINE VILLA (JJH) TIM & KELLI JOHNSTON CARGO NSW 2800 T: 0429 606 962 E: annandale2800@gmail.com ANNANDALE (JOH)

LANE & CODY EVANS TAMWORTH NSW 2340 T: 0419 697 550 E: jde24@bigpond.com NABIAC (LCE)

DA & AT HOBBS MOLONG NSW 2866 T: 02 6366 8378 E: dahobbs@bigpond.com MOORWATHA (M)

MATT & LIZ HART WOY WOY NSW 2256 E: matt.hart@bigpond.com UMBUKWANE (MBU)

MARK J DOUGLAS GLENDON BROOK NSW 2330 T: 02 6505 5108 E: markdouglas675@gmail.com GLENDOUGLAS (MD)

LYN MCDONOGH MONALTRIE NSW 2480 E: lyn469@hotmail.com MONALTRIE RED (MML)

TRIPLE M RED ANGUS RUKENVALE NSW 2474 T: 02 6636 4111

T: 02 6636 4111 E: triplem@rukenvale.com.au TRIPLE M (MMM)

GP & SJ KNEE LOOMBERAH NSW 2340 T: 02 6769 1468 E: gavin@burkesmyth.com.au MELLOWOOD (MWD)

ELLIOTT AND ALLYSON CONNORS PARKVILLE NSW 2337 E: elliottconnors@hotmail.com JINDELLISTON PARK (NEC)

NW & KT GARDNER KILLABAKH NSW 2429 E: nkgard1@bigpond.com KINTELAH (NWG) ROBERT & BEVERLEY DANSON MENDOORAN NSW 2842 T: 02 6848 8112 E: bevbob15@hotmail.com PIBBON (PIB)

PETER & TRINA REDGWELL TAMWORTH NSW 2340 E: heartlandredangus@hotmail.com

HEARTLAND (PJR)

POWE FAMILY
CARGO NSW 2800
T: 0421 242 019 (Nicole)
E: contact@goondoolalivestock.com.au
GOONDOOLA (PSP)

ROSS ANDERSON ARDING NSW 2358 E: rossanderson276@gmail.com RA (RAN)

GAPCO FARMS MENANGLE NSW 2568 E: gapcofarms@aol.com GAPCO (RGP)

SC PRASS
COWRA NSW 2794
T: 02 6342 9285
E: rigadooncattery@yahoo.com
RIGADOON (RIG)

H.L.MC RAMAGE PTY LTD BUNDANOON NSW 2578 T: 02 4883 6760 E: info@highlandsrural.com.au RRA (RRA)

RED STAR ANGUS NUMULGI NSW 2480 E: redstar.angus@bigpond.com RED STAR (RSA)

SHAYE JORDAN TIGHES HILL NSW 2297 E: shayejordan@yahoo.com.au TIGHES HILL (SEJ)

STGENETICS AUSTRALIA PTY LTD ALBURY NSW 2640 E: cbourke@stgen.com STGEN (STG)

WD CATTLE HOLBROOK NSW 2644 T: 02 6036 7274 E: tomwd79@hotmail.com WD (TWD)

TREVONE PARK RED ANGUS TARCUTTA NSW 2652 T: 02 6928 8270 E: davemc8839@gmail.com TREVONE PARK (VDM) WHITE FAMILY BEEF THE LAGOON NSW 2795 E: lee@llandillobeef.com.au WFB (WFB)

MANDY ANDERSON ORANGE NSW 2800 T: 02 6361 8137 ULURA (XA)

WATSON PARK PTY LTD BERRIMA NSW 2577 E: jarved81@hotmail.com YALLAMBEE (YRA)

NSW JUNIOR MEMBERS

ALSTONVILLE (AHS)

ALSTONVILLE HIGH SCHOOL ALSTONVILLE NSW 2477 E: simon.macqueen@det.nsw. edu.au

ALEXANDRA WATT GOWRIE VIA TAMWORTH NSW 2340

E: Lizw@airr.com.au (AWM)

CHARLIE MARSON
CANIABA NSW 2480
T: 02 6621 6785
E: amarson18@yahoo.com.au
PROMISED DOWNS (CAM)

EDWARD BULL
HOLBROOK NSW 2644
E: tom@lambpro.com.au
KINROSS (EBL)

JOCK DAVID MCDONALD NSW 2652 T: 02 6928 8219 (J50)

JASMIN RAMAGE GUYRA NSW 2365 T: 02 6779 2089 E: jasminramage@hotmail.com JAHODERO (JAZ)

LUCY JORDAN NEMINGHA NSW 2340 T: 0429 671 130 E: becwade538@gmail.com STAR (LEJ)

MADELINE TELFORD BARHAM NSW 2732 E: maddy.telford28@gmail.com MGT CATTLE CO (MGT) HARRISON HAMILTON, MOLLY CAREY & CLANCY CAREY NEMINGHA NSW 2340 E: mindy@alium.com.au HAMAC (MHC)

LACHLAN MOORE LANGLEY VALE NSW 2426 T: 02 6556 7333 E: moorevaleai@gmail.com MOOREVALE (MVL)

GRACE NEEVES GILGANDRA NSW 2827 T: 02 6847 2967 E: gneeves21@gmail.com ASPIRE (NEE)

CHARLOTTE, JEMIMA, OSCAR NUGENT WAGGA WAGGA NSW 2650 E: burraburoo17@bigpond.com.au NUGGETS (NUG)

OLIANNA REDS
BENTLEY NSW 2480
T: 02 6663 5151
E: philreid73@bigpond.com
OLIANNA (ORR)

RYAN KNEE LOOMBERAH NSW 2340 T: 02 6769 1468 E: gavin@burkesmyth.com.au RJK REDS (RJK)

MONIQUE GAPES
WYRALLAH NSW 2480
T: 02 6629 8230
E: mgapes@yahoo.com.
au;mcggapes@yahoo.com.au
RUBY RED (RRR)

ISAAC & HENRY HOBBS GARRA NSW 2866 T: 0400 660 968 E: hobbslivestock17@gmail.com HOBBS LIVESTOCK (STU)

SKYE BAXTER
CRANEBROOK NSW 2749
E: skyebaxter22@gmail.com
SUNNYVALE LIVESTOCK (SVL)

NSW COMMERCIAL MEMBERS

AW & LK COPE ABERDEEN NSW 2336 E: al-cope@bigpond.com (ALC)

BRIAN PARKER HOBBYS YARDS NSW 2795 T: 02 6368 3584 E: lonciln@bordernet.com.au (BAP) DOUGLAS & ANNE KENNEDY CROOKWELL NSW 2583 E: yarrabeepark@gmail.com (DAK)

IE & JM HAYNES GULGONG NSW 2852 T: 02 6375 0464 (EJH)

R & M FLANNERY CLARENCE TOWN NSW 2321 T: 02 4996 4212 E: bonhomie@clearmail.com.au UFFINGTON (FLA)

GLORIA DAWN MAWHINNEY Ulmarra NSW 2462 (GDY)

LEITHVALE RED ANGUS GRAFTON NSW 2460 E: andrewken@me.com LEITHVALE (GLT)

JASON TOM
PARKES NSW 2870
T: 02 6862 2393
E: jacktt@bigpond.com (JAS)

IAN DOLBEL ROCKLEY NSW 2795 T: 02 6337 9600 (JDL)

JUDITH & GRAHAM HODKINSON BEGA NSW 2550

E: judifh@icloud.com (JGH) NUTRIEN AG SOLUTIONS ARMIDALE NSW 2350

T: 02 6772 8188 E: amanda.lockyer@landmark. com.au (LAN)

MARK & MARGARET JELLEY MANILDRA NSW 2865 (MMJ)

PURCELL BROS PTY LTD NORTH SYDNEY NSW 2060 E: ac@purcellbrothers.com.au (PR1)

GRAHAM ZEALEY MOSS VALE NSW 2577 E: graham@strade.com.au (ORA)

ROBERT DAVID MEAD BINGARA NSW 2404 T: 02 6724 7142

DESMOND & RACHEL WILSON NEMINGHA NSW 2340
E: rachel.hayhurst@tafensw.edu.

RAD (RDW)

74 RED ANGUS

R & J HANSON BROUGHTON VALE NSW 2535 E: Hanwood1@bigpond.com HANWOOD HILL (RJH)

RN & J GROTH PTN BINGARA NSW 2404 T: 0427 880 925 (RNG)

SAILS - SOUTHERN AUSTRALIAN INTERNATIONAL LIVESTOC ALBURY NSW 2640

QLD

QLD FULL

MEMBERS

T: 07 4693 2029

DONNA-LYNN (1YN)

KEEN EDGE (ALB)

MILTON & CHERYL FOWLER

PITTSWORTH QLD 4356

E: donna_lynn@hotmail.com

ALLAN & LUCIE BROWN

PITTSWORTH QLD 4356

ANDREW YOUNGBERRY

PITTSWORTH QLD 4356

E: andrew@jenand.com.au

SPRINGSURE QLD 4722

CRESCENT NINE (C9P)

NAMBOUR QLD 4560

E: clearviewcvr@hotmail.com

E: sippelgrandview@outlook.com

KIRRILY JOHNSON-ISEPPI &

E: gklivestock1@gmail.com

PITTSWORTH QLD 4356

GWF INVESTMENTS PTY LTD

E: dianne@greenwoodparkred.

GREENWOOD PARK (GWP)

GOOMBURRA QLD 4362

T: 07 4666 6209

com.au

K5X (K5X)

ROSEMULLION RED ANGUS

E: heather.davies@rosemullion.

ROSEMULLION RED (HMD)

SB HAYWARD & KL SMITH

E: advancek5x@activ8.net.au

ARMSTRONG CREEK QLD 4520

E: kdw@riverdalebeef.com.au

ALLORA QLD 4362

DAVID & KIM WILKIE

KEDMAW (KDW)

MELINDA HOEY

T: 0438 460 156

CLEARVIEW (CVR)

GLEN & ANN SIPPEL

MURGON QLD 4605

T: 07 4168 1534

REDGATE (DS2)

DALBY QLD 4405

FAMILY

GK (GK)

CRESCENT NINE PASTORAL

E: crescentninepastoral@outlook.

BANTRY BEEF (BBP)

com.au

E: kate.brabender@sailsxp.com (SAI)

PRUDENCE MARTIN BOOROWA NSW 2586 T: 02 6385 8379 E: pmwiruna@gmail.com (SCK)

FRANK COATES
WAGGA WAGGA NSW 2650
T: 02 6922 1643
E: coates6@optusnet.com.au
SPRINGDALE (SDL)

PHILLIP COTTERILL
BOMBALA NSW 2632
E: fffhilsdesigns@yahoo.com.au
7GT (SLA)

W GOLSBY WOODSTOCK NSW 2793 T: 02 6345 0289 (WG)

NSW ASSOCIATE

MEMBER

DAVID BIGNELL
RAWDON VALE NSW 2422
E: bignell5512@gmail.com (BIG)

NOEL WILLIS TABLE TOP NSW 2640 E: noelrwillis@outlook.com (NRW)



NT FULL MEMBERS

KIMBERLEY & ANGUS MCKAY ALICE SPRINGS NT 872 E: admin@umbearraholdings.com. au (KAM)



KAREN HOCKEY MONTO QLD 4630 E: karen.hockey@bigpond.com KOLONGA (KJH)

MARYANNE KEARNEY KINGAROY OLD 4610 T: 07 4164 5574 E: mlkearney@bigpond.com BOONYOUIN (MAK)

MEGAN & JONATHON DENNING PITTSWORTH QLD 4356 E: megan.denning6@bigpond.com MJ LIVESTOCK (MJD)

MOOREFIELDS RED ANGUS NORMAN GARDENS QLD 4701 T: 02 9740 6666 E: redangus@moorefields.com.au MOOREFIELDS (MOO)

NOEL & CHRISTINE DENNING PITTSWORTH QLD 4356 T: 07 4693 1309 E: admin@burwoodstud.net.au WHISPERING (NCD)

KEVIN KEARNEY TEXAS QLD 4385 T: 07 4653 5127 E: mayolivestock@hotmail.com MAYO (PK)

TONY & KAREN MARTIN KILCOY QLD 4515 E: martto16@yahoo.com.au PALMVIEW (PMV)

BCA BOOTH & CO PTY LTD CHINCHILLA QLD 4413 E: brucepbooth@bigpond.com REDLINK (QBO)

MOKOAN AGRICULTURE PTY LTD

FORTITUDE VALLEY QLD 4006 E: mokoanag@bigpond.com MOKOAN (QWM)

REDBANK CREEK RED ANGUS ESK QLD 4312 E: mnjess@bigpond.com RCRA (RCR)

CRAIG AND JACQUI THOMPSON THORNLANDS OLD 4164 E: info@sionmarie.com SIONMARIE RED (SIO)

NOEL SIPPEL
MA MA CREEK QLD 4347
E: sippelnoel399@gmail.com
MOUNTAIN VIEW (SIP)

KATRINA HAYWARD & ANDREW RANDLE PROSTON OLD 4613 E: khayw29@eg.edu.au

QLD JUNIOR MEMBERS

SPRINGVALE (SVR)

ADAM WILKIE ARMSTRONG CREEK QLD 4520 ADM (ADM) AMELIE MARTIN KILCOY QLD 4515 AKM (AKM)

CALEB DENNING
PITTSWORTH QLD 4356
E: megan.denning6@bigpond.com
DPC (CDP)

JAKE & BROOKE ISEPPI DALBY QLD 4405 E: gklivestock1@gmail.com KBJ (KBJ)

JACK JENYNS LINTHORPE QLD 4356 E: lazy-acres@hotmail.com LAZY ACRES (LAZ)

MICHAEL WILKIE ARMSTRONG CREEK QLD 4520 E: kdw@riverdalebeef.com.au (MWE)

PROSTON STATE SCHOOL P-10 PROSTON QLD 4613 E: khayw29@eq.edu.au DANGORA GULLY (PSS)

QLD COMMERCIAL MEMBERS

ANNETTE AHERN BLOOMSBURY QLD 4799 E: aahem56@icloud.com (AAN)

AUSTRALIAN RURAL EXPORTS PTY LTD BRISBANE QLD 4000 (ARE)

BRANDY CREEK FARM CANNONVALE OLD 4802 E: mark@qldbuild.net.au (BCF)

CHRISTOPHER HUGHES QC BRISBANE QLD 4000 E: clhughes@qldbar.asn.au (CLH)

DAVE KRIENKE GOWRIE JUNCTION QLD 4352 (DKF)

EDWIN & MADELEINE COOKE SHERWOOD QLD 4075 E: edwin.cooke@raau.com.au (EMC)

SCOTT HANSON QLD 4358 E: tmbamandy@gmail.com (HAN)

JULIE BROPHY MERINGANDAN WEST QLD

E: jandjbrophy@gmail.com JILIBRY (JBY)

JOHN MORGAN GRACEMERE QLD 4702 (JM1)

PJ, KP & JP KING VIA WARWICK QLD 4370 E: patrick.king1@bigpond.com CASTLEVIEW (JPK)

LYNETTE NICHOLSON
JIMBOUR QLD 4406
E: lynnicholson1@bigpond.com
TARRINGTON (LTN)

ELDERS RURAL SERVICES TOOWOOMBA SOUTH QLD 4350

RELHA FARMING HAMPTON QLD 4352 E: jasans@icr.com.au (REL)

(PRI)

R.W. & P.T. HALFPENNY TOOGOOLAWAH QLD 4313 E: arababy@bigpond.com (RPH)

TIM LOGAN
BEAUDESERT QLD 4285
E: wjlogan@bigpond.com
(TLN)

SHAUN & SANDRA HENDY HIGHFIELDS QLD 4352 E: hendyshaun@gmail.com YARRA YARRA (YYC)



SA FULL MEMBERS

AARON H VARCOE MILLICENT SA 5280 E: aaron_coe@yahoo.com.au ACE (ACE)

ANAMA HOLDINGS PTY LTD CLARE SA 5453 T: 08 8842 2647 E: trathawk@bigpond.com ANAMA (AIC)

L & M LLEWELLYN & CO KEITH SA 5267 E: northwindfarming18@gmail.com JILLANGOLO (AOJ)

CHELSEA VICTORIA BURPEE TINTINARA SA 5266 E: chelseavburpee@gmail.com O'DEAS REDS (CVB)

G & A MIGNANELLI VICTOR HARBOR SA 5211 E: john.anita2@bigpond.com HARBOR VIEW PARK (GAM)

ROSWOOD RISE MOUNT GAMBIER SA 5290 E: trevbenni@gmail.com ROSWOOD RISE RED (KIS)

LUELLA WESTERN
MUNDULLA SA 5270
T: 08 8758 6246
E: lewywestern@gmail.com
MUNDALOU (LKW)

JANE & PAUL COTTERILL MOUNT GAMBIER EAST SA 5291

E: paulcotterill50@bigpond.com GAMBIER RED (MTG)

DJ & JD LLEWELLYN MYPOLONGA SA 5254 T: 08 8535 4183 E: djdllew@activ8.net.au LYNONGA (RKL)

KEYWYN FARMS ANGASTON SA 5353 T: 08 8564 8296 E: dfiebiger@bigpond.com KEYWYN FARMS (RMF)

DRAYTON PARK
MEADOWS SA 5201
E: sarah.draytonpark@gmail.com
DRAYTON PARK (SDP)

MARTIN, PETER & TONIA EBBS MYPONGA SA 5202 E: ebbs@activ8.net.au TIERS (TRA)

ELLE WATSON YANKALILLA SA 5203 E: elle-watson@live.com.au WOODVALE (WDV)

SA JUNIOR MEMBERS

ANGUS LLEWELLYN KEITH SA 5267 E: northwindfarming18@gmail.com JILLANGUS (JOA)

SA COMMERCIAL

CI & SJ BARTLETT YANKALILLA SA 5203 T: 0417 833 073 E: gwynfa1@bigpond.com GWYN-FA (CIB)

MEMBERS

DR & CH FORD MOONTA SA 5558 (DCF)

KALANDRA PASTORAL PTY LTD LUCINDALE SA 5272 E: kalandra1@bigpond.com (KPP)

KILLANOOLA PROPS BOOL LAGOON SA 5271 E: kerry.degaris@bigpond.com (KPS)

RA & WM HEATH STRATHALBYN SA 5255 T: 08 8388 9806 E: admin@marshallhill.net.au NAJOBE (NJB)

INNISVALE PTY LTD MILLICENT SA 5280 T: 08 8733 4327 E: aston@efl100.com.au INNISVALE (SEZ)

VICKI MORUTTO ROBE SA 5276 E: vickimorutto@bigpond.com.au (VMO)



TAS TAS FULL

MEMBERS

DANIEL M IMLACH SCOTTSDALE TAS 7260 E: baimlach@gmail.com BOWACH (DMI)

HD & SL DOBSON WHITEMORE TAS 7303 E: office@dobsoncattle.com.au DOBSON (HSD)

MARY ZEGVELD GOLCONDA TAS 7254 E: maryhbrown@skymesh.com.au FERN VALLEY (MHZ)

BAYSWATER RED ANGUS SOMERSET TAS 7322 E: bayswater.redangus@netspace.

BAYSWATER (PH)

GARY SMITH ROSEVALE TAS 7292 E: garysmith6@bigpond.com TANK STREAM (SGS)

JOSEPHINE M BEVERIDGE BISHOPSBOURNE TAS 7301 T: 03 6397 3231 E: josiebeveridge@gmail.com ENFIELD (TJB)

CD & DLF WAY SHEFFIELD TAS 7306 T: 03 6491 1830 E: dway1@bigpond.com SPRINGPARK (TSP)

TAS JUNIOR MEMBERS

THOMAS FEBEY
TAS 7306
E: thomasdfebey@gmail.com
KANANGRA (TSF)

TAS COMMERCIAL MEMBERS

EJ ANTHONY & SON STANLEY TAS 7331 T: 03 6458 1245 E: anthonys.highfield@bigpond. com (EJA)

JARROD GRIFFITHS WESLEY VALE TAS 7307 (JGS)

ROSS W COLE
UPPER STOWPORT TAS 7321
E: rosscole4@hotmail.com
MIDNIGHT FARM (MAR)

MILTON & GAYLENE DE JONGE STANLEY TAS 7331 E: miltondejonge@hotmail.com (MGJ)

RICHARD IMLACH
PIPERS RIVER TAS 7252
E: rjimlach@gmail.com
CORALBILL (RJI)

MARK SMITH NATONE TAS 7321 T: 03 6436 2349 E: mark@redlane-redangus.com.

RED LANE (RLR)

ROBERT MEDWIN ULVERSTONE TAS 7315 (ROB)

PETER J SATTLER BRIDPORT TAS 7262 E: malmani2@bigpond.com (SAT)

TREVOR HOOKWAY SCOTTSDALE TAS 7260 (THY)

TOM & SUE GLYNN SMITHTON TAS 7330 E: tom@glynns.com.au MYRTLE (TSG)

WEYMOUTH FARM PASTORAL BEECHFORD TAS 7252 (ZAD)



VIC LIFE MEMBER

BARBARA BIRCH BUNYIP NORTH VIC 3815 (BHB)

VIC FULL MEMBERS

ABS AUSTRALIA P/L BUNDOORA VIC 3083 E: annie.pumpa@genusplc.com ABS (ABS)

ALTA GENETICS AUSTRALIA
P/L
TULLAMARINE VIC 3043
T: 03 9330 3444
E: tony.simpson@altagenetics.com
(AGA)

AGRIGENE PTY LTD WANGARATTA VIC 3677 T: 03 5722 2666 E: info@agrigene.com.au AGRIGENE (AGR)

ANDREW KELLY LARA VIC 3212 E: rosewoodredangus@yahoo.

com.au ROSEWOOD (ANK)

AIMEE & OLIVIA BOLTON
CONGUPNA VIC 3633
T: 03 5831 8118
E: aimee.l.bolton@outlook.com
BOLTON GIRLS (AOB)

ANNETTE WALKER & NOEL GNADEN BULN BULN VIC 3821

E: raedean@smartchat.net.au

RAEDEAN (AVR)

JEFF & JANET THYNNE

BRIMIN VIC 3685 T: 0425 820 800 E: awdredangus@outlook.com ARRAWIDGEE (AWD)

HM BARNES & BE MORRISON INDIGO VALLEY VIC 3688 T: 02 6026 7505 E: barmorris1@bigpond.com BARMORRIS (BAR)

GARY & SHELLEY TURNHAM GISBORNE VIC 3437 T: 03 5428 1458 E: qt@barregowa.com.au

BARREGOWA (BCC)

ROBERT & SANDRA BOOTE

DROUIN SOUTH VIC 3818
T: 03 5627 6233

E: bob@rsboote.com.au BOOTE HILL (BOO)

FREDERICK & JUDITH EDWARDS BOOLARRA VIC 3870 T: 03 5169 6670 E: edjudie@bigpond.com BOSTRALIS REDS (BTR)

CALDARACH FARM WARRAGUL VIC 3820 E: caldarach@gmail.com CALDARACH (CDR)

LINDSAY & JUDY MURPHY LEONGATHA VIC 3953 T: 0409 505 780

E: lindsaymurphy@bigpond.com CAMPASPE FLAT REDS (CFR)

BLANTYRE RED ANGUS
MACARTHUR VIC 3286
E: cameroncutler@bigpond.com
BLANTYRE (CLC)

HUON VIC 3695 T: 02 6027 3311 E: daony@bigpond.com DAONY (DOH)

DA & MA HEMPEL

NATHAN & CANDICE EPP ELWOOD VIC 3184 E: nathan.epp@westnet.com.au HAZLEWOOD (EPP)

GENETICS AUSTRALIA CO-OPERATIVE LTD BACCHUS MARSH VIC 3340 T: 03 5367 3888 E: jgommers@genaust.com.au BRIAN STEWART MOOROODUC VIC 3933 T: 03 5979 8605 E: brian.d.stewart@hkjc.org.hk GRAYBROOK PASTORAL (GBP)

TONY, MARIANNE & TOM MEWBURN CASTERTON VIC 3311 T: 03 5581 2260 E: tandmmewburn@gmail.com GLENDHU (GDU)

IL & JL & JL RICHARDS DUMBALK VIC 3956 T: 03 5664 1248 E: ijr@skymesh.com.au SOMERSLEIGH RED (JJR)

JOHN & LEONA MOORE JEETHO VIC 3945 E: moorejohng@yahoo.com.au WILLOWVALE (JLM)

JEFF & SUE BOLAND CLUNES VIC 3370 T: 03 5345 3657 E: digger@netconnect.com.au CLAREMONT RED (JSB)

KEVIN & LIBBY HEGGEN BINGINWARRI VIC 3966 E: hedleyrange@bigpond.com HEDLEY RANGE (KLH)

HEATHER HUTCHINSON, MATTHEW MORLING LEONGATHA NORTH VIC 3953 T: 03 5668 6294 E: maxieruby63@gmail.com KOOROOMAN RED ANGUS (KRA)

Loretta G Mabin
West Creek VIC 3992
E: westburne@rotaret.com.au
WESTBURNE (LGM)

LUCKY RED AUSTRALIA PTY LTD

MIDDLE PARK VIC 3206 E: idmcduie@gmail.com LUCKY RED (LRA)

SHELLY BIANCON
WILLOWMAVIN VIC 3764
E: Itlroc@bigpond.com
LITTLE ROCK RANCH (LRR)

JULIE DUNCAN & MARK SYMONDS MANSFIELD VIC 3724 E: mansfieldamaroo@gmail.com MANSFIELD (MAJ)

CLIFF & MAREE DOWNEY ECHUCA VIC 3564 E: cliff@redgumsgroup.com.au REDGUMS (MCD)

PAUL RATHBONE & MICHAEL SEIFRIED RIDDELLS CREEK VIC 3431 E: pr912@live.com.au MT CHARLIE (MCF)

BRAESIDE RED ANGUS CHARLTON VIC 3525 T: 03 5491 1700 E: amcgurk@centralpowervic. com.au

BRAESIDE (MCG)

WAYNE H. WEAIRE & ROBYN E. WILSON
BUNINYONG VIC 3357
E: info@mingarapark.com.au
MINGARA PARK (MGP)

MITCHELL VALLEY PRODUCE WOODGLEN VIC 3875 T: 03 5157 6212 E: mvp@wideband.net.au MITCHELL VALLEY (MVP)

NEERIM VIEW RED ANGUS DARNUM VIC 3822 T: 03 5628 1521 E: neerimview@bigpond.com NEERIM VIEW (NVR)

PARINGA LIVESTOCK PTY LTD CLARKES HILL VIC 3352 E: paringalivestock@bigpond.com PARINGA (PAR)

ANNE & PETER SAGLIETTI TARCOMBE VIC 3666 T: 03 5790 4033 E: psags@bigpond.net.au PONKEEN (PON)

SANDY DAWES-MACKINNON GIRGARRE VIC 3624 T: 03 5854 6663 E: sandy@pac.com.au ROKEWOOD PARK (RDP)

ROD THOMAS
MANSFIELD VIC 3722
T: 0412 667 811
E: rod.thomas7@bigpond.com
BLUE HILLS -TOLMIE (RDT)

KURRA WIRRA PASTORAL COMPANY CULLA VIC 3315 T: 03 5570 4238 E: office@kurrawirra.com.au KW (RFC)

BF & GP HAND FAMILY TRUST LARPENT VIC 3249 T: 03 5233 8255 E: colaccentral@bigpond.com REDROCKET (RRL)

RODNEY STIN CLARKEFIELD VIC 3430 T: 03 5428 5375 E: rodneystin@gmail.com STONEFIELD (RST)

SEMEX PTY LTD
BACCHUS MARSH VIC 3340
T: 03 9743 0344
E: semex@semex.com.au
SEMEX (SEM)

PETER & ROBYN SIMMIE YUROKE VIC 3063 T: 0413 486 303 E: prsimmie@bigpond.com YUROKE (SIM)

TEANA FARMS PTY LTD WOODSIDE VIC 3874 E: teanafarms@gmail.com TEANA (TA2)

GEOFF & KYM BERRYMAN FISH CREEK VIC 3959 T: 03 5687 1133 E: berrymansbuses@dcsi.net.au TIDAL VIEWS (TDL) TJ & JE CLARK NERRENA VIA LEONGATHA VIC 3953

E: chanel55@bordernet.com.au TEMPANY PARK (TJC)

T: 03 5664 4237

ERLE DAKIN
WARRNAMBOOL VIC 3280
T: 03 5562 7750
E: erle@bigpond.net.au
YONDA GRANGE (YG)

VIC JUNIOR

MEMBERS

HARRY TURNHAM
GISBORNE VIC 3437
T: 03 5428 1458
E: hturnham@icloud.com
(BHJ)

HARLEY COBB ST ALBANS PARK VIC 3219 E: harleyjcobb@gmail.com HM (HJC)

HAYDEN & KIERAN NEVILL MEPUNGA EAST VIC 3277 E: marktan@westvic.com.au (HKN)

VIC COMMERCIAL

MEMBERS

WAYNE & RHONDA MEGGS YAMBUNA VIC 3621 E: waynemeggs12@y7mail.com (WRM)

PG & NM PHILLIPS WARRAGUL VIC 3820 PHILLIPS (4P4)

ANDREW & HELEN CROUCH MINERS REST VIC 3352 E: helenlor@bigpond.com (AHC)

B.M. & C.S. WEIR ORBOST VIC 3888 E: bevmweir@gmail.com JARRAHMOND PARK (BMW)

NORMAN ALBUTT YINNAR SOUTH VIC 3869 E: strzeleckired@gmail.com (C01)

WAYNE A. CALDWELL YINNAR SOUTH VIC 3869 E: waynecaldwell76@hotmail.com (CAL)

CUTLER FAMILY PARTNERSHIP TANJIL SOUTH VIC 3825 E: larry@karrabapark.com.au KARRABA PARK (CKP)

THE TRUSTEE FOR
TARRAWARRA ABBEY
FOUNDATION
TARRAWARRA VIC 3775
E: admin@cistercian.org.au
(CPA)

JACKSON RUSSELL-CROUCHER MOUNT ECCLES VIC 3953 T: 0477 220 037 E: jacksoncroucher@icloud.com CHESTNUT RIDGE (CRP)

D.B & G.A WEBSTER WILLOWMAVIN VIC 3764 (DGW)

DENIS & ROBYN HARDY RIPPLEBROOK VIC 3818 E: rd.hardy@bigpond.com (DRH)

GEOFFREY AND JEAN PENNA ELMHURST VIC 3469 E: penna.elmhurst@gmail.com (GJP)

HEATHER & MARTIN WRIGHT WOODEND VIC 3442 E: heatherandmartin@bigpond.com TREVETHAN (HMW)

IAN & DAWN JONES DREEITE VIC 3249 T: 03 5234 8255 (IDJ)

ELENA STIN
DERRIMUT VIC 3026
E: ejsvirgo@gmail.com
IRONBARK PLAINS (IPC)

JUDY BROOKES & DUNCAN HALL LIMESTONE VIC 3717 E: juncball@bigpond.com (JDH)

KEN & JENNY ACKERLEY TIMBOON VIC 3268 T: 03 5598 5373 E: jennyackerley.52@gmail.com JARRAH (KJA)

KELLIE YOUNG EDI UPPER VIC 3678 E: kelmare.edi@hotmail.com (KY1)

LINDENBROOK PASTORAL CO BUNYIP NORTH VIC 3815 E: gerifargas@gmail.com LINDENBROOK (LBK)

MAX BLAIR BRIGHT VIC 3741 E: blairmaxwell186@gmail.com (MBR)

MATTHEW MALSEED
TYRENDARRA VIC 3285
E: glenholmeangus@gmail.com
(MPM)

NEVILLE & ANNE PROWSE-BROWN FORGE CREEK VIC 3875 E: shempb40@gmail.com FORTUNE PARK (NPB)

FW & RE BRACK T/A BRACK VIEW BENALLA VIC 3671 E: brackf@iinet.net.au

RICHARD L WIGAN PORT FAIRY VIC 3284 E: r.wigan@bigpond.com (RLW)

BRACK VIEW (REB)

MURROKA PTY LTD FOSTER VIC 3960 E: rh.marriott@hotmail.com (RMT)

ROBERT BETT MOUNT MORIAC VIC 3240 T: 03 5266 2092 RET STH (RT)

RUSSELL & VIV WHITE TIMBOON VIC 3268 E: vivandrussellwhite@bigpond. com (RUS)

TOM & PHOEBE SHARP PORTLAND VIC 3305 E: tom@capenelson.com SHARPS (SHA)

SIMON HEGGEN
MOUNT MACEDON VIC 3441
E: heggens@netspace.net.au
(SHN)

SPRINGHILL PARK GOLDIE VIC 3435 E: graeme@shhs.com.au (SHP)

S & K GUTHRIE CORBEN VIC 3266 (SKG)

STEVEN PERKINS MOOROOPNA VIC 3629 E: steve.kantara@gmail.com (SPS)

S & S EVANS EUROBIN VIC 3739 E: ssnjevans@bigpond.com (SSE)

REG RYAN WODONGA VIC 3690 T: 02 6056 2987 E: reg.ryan8@bigpond.com STAG (STA)

STEPHEN VALENTINE TOOBORAC VIC 3522 E: swwmolliacca@gmail.com (SVE)

WILL BURRELL TOORAK VIC 3142 E: willburrell@8WQL.com (WBL)

DJ & VB WARE PASTORAL P/L HAWKESDALE VIC 3287 T: 03 5560 7224 E: ware@skymesh.com.au (WPP)

WARDSTON PTY LTD MINJAH VIC 3276 T: 03 5569 1501 WURROIT (WUR)

YARRA CORPORATION AUSTRALIA PTY LTD Wattle Park VIC 3128 E: exports.au@yarracorp.com (YCA)



WA LIFE MEMBER

ROSS & TRACY COLLARD GINGIN WA 6503 E: tronar.grazing@activ8.net.au TRONAR (3LW)

WA FULL MEMBERS

TESSA & ANDREW LILL QUINDALUP WA 6281 E: tessalill05@gmail.com WINDELMERE RED ANGUS (6AM)

BEERMULLAH BEEF GINGIN WA 6503 E: phil@agvivo.com.au BEERMULLAH (7BL)

AL & VSM BENNETT
MANYPEAKS WA 6328
E: levenscattleco@outlook.com.au
WESTERN RED (8LV)

PHIL THOMPSON NARRIKUP WA 6326 T: 08 9844 3033 SILTON PARK (BEF)

DAVID & MARY CORKER BOYUP BROOK WA 6244 T: 08 9765 3061 E: bullshop@activ8.net.au GRACE PARK (DMC)

KENT & NICOLE MUIR
PERUP WA 6258
E: wyndarra@antmail.com.au
WYNDARRA (E4N)

ESPERANCE SENIOR HIGH SCHOOL ESPERANCE WA 6450 T: 08 9078 2064 E: jazmin.parker@education. wa.edu.au ESCHOLAR (EHS)

GRAEME & TREVLYN SMITH MOUNT BARKER WA 6324 E: kildarra@westnet.com.au KILDARRA (G6S)

CRANSTON & SONS PTY LTD SUBIACO WA 6904 T: 08 9388 8812 E: jcranston@kingslane.com.au KINGSLANE (JWC) BOYANUP WA 6237
E: bandeeka@bigpond.com
BANDEEKA (LGK)

CAMELOT RED ANGUS STUD
GIDGEGANNUP WA 6083
E: kirsteen68@gmail.com

T & L KITCHEN

CAMELOT (MKE)

MAGIC VALLEY BEEF
MYAREE BC WA 6960
E: soniab@magicent.com.au
MAGIC VALLEY (MVB)

C.A.S. COWCHER & SON WILLIAMS WA 6391 T: 08 9885 6014 E: willandra@skymesh.com.au WILLANDRA (PCS)

EDWARD JOHN GRANT GINGIN WA 6503 E: karen.gingym@outlook.com HILSTON (PDG)

PETER & REBECCA BANTOCK BOYANUP WA 6237 T: 0439 907 159 E: lil.bec84@gmail.com RED ROCK (RLB)

BR & MA FLEMING SERPENTINE WA 6125 T: 08 9525 2575 E: mfleming21@bigpond.com GLENDALE (V6)

DIVOR PTY LTD SERPENTINE WA 6125 T: 08 9525 2542 E: jellicoepg@bigpond.com JUTLAND (Z7J)

WA COMMERCIAL MEMBERS

CITYSHINE HOLDINGS PTY LTD NORTH DANDALUP WA 6207 E: john@speceng.com.au CITY (CIT)

GEOFF & JANE HILLMAN SERPENTINE WA 6125 E: cloverbrook546@bigpond.com (GJH)

KIRSTEEN JAMIESON GIDGEANNUP WA 6083 E: kirsteen68@gmail.com (KJN)

ALFRED & DIANE JOHNSON DONNYBROOK WA 6239 E: johnsonscbs@bigpond.com (ADJ)

ANDREW LILL QUINDALUP WA 6281 E: dralill@me.com (ALL)

D GRIFFITHS & T RAINOLDI DONNYBROOK WA 6239 T: 0419 043 733 E: arcanelivestock@gmail.com ARCANE (AR4)

ALAN & SUZANNE KELLY MANJIMUP WA 6258 E: askelly1705@gmail.com (ASK)

78 RED ANGUS

GAC (GAC)

BLYTHEWOOD PASTORAL CO PINJARRA WA 6208 E: gder.mclarty@bigpond.com (BWC)

GT & LB DONEY SALMON GUMS WA 6445 T: 08 9078 5067 (GLD)

GREG HILL SORRENTO WA 6020 E: greghill@ghems.com.au (GRE)

TERRI MANNS JURIEN BAY WA 6516 E: terri@dolomite.com.au (KGP)

K.R. & V.S. LEWIS WAROONA WA 6215 E: kentlewis1@hotmail.com (KVS)

LEE & TARA WATT COWARAMUP WA 6284 E: leewatt@hotmail.com (LTW) MALCOLM AULD NAPIER WA 6330 T: 08 9844 3989 E: mauld@picaustralia.com.au (MAD)

MATTHEW PRESTON MOOLIABEENEE WA 6504 E: mat.preston@bigpond.com.au

MF & RA EMMOTT BRUNSWICK WA 6224 (MRF)

(MJP)

MCVAY PASTORAL COMPANY ESPERANCE WA 6450 E: rob-revell@hotmail.com

PRESTON DOWNS FARMING ESPERANCE WA 6450 T: 08 9075 9015 E: robsuejohnston@bigpond.com PETER JOHNSTON BOYANUP WA 6237 E: peter@broadside.com.au (PEJ)

PJ & VM HOWELL WA 6239 (PVH)

RM & MMC ITALIANO HARVEY WA 6220 E: rosemontpark1@bigpond.com.

TERRY JAMES HYDEN WA 6359 E: terricavalley@outlook.com

WINTERVILLE FARM PTY LTD SERPENTINE WA 6125 T: 0412 889 313 E: wendy@coderealestate.com.au WINTERVILLE (W8C)



OVERSEAS

OVERSEAS MEMBERS

KIT, DEANNA & TYSON PHARO CHEYENNE WELLS Colorado 80810

T: 1 719 767 5541 E: deanna@pharocattle.com PCC (PCC)

Don't forget!

Scan the QR code to search the Red Angus database by either name or location. Find all members and animal listings in the one spot!

(RMI)

(TVY)





Yuroke

830 Craigieburn Road Yuroke VIC 3063

E: prsimmie@bigpond.com P: 0413 486 303 (Robyn) P: 0407 333 855 (Peter)



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Registration Trends

Top Red Angus Sires

for progeny born 2020-2022

HRAN30	HICKS MARBLE BAR N30	104	USAM3775477	WFL PROFITMAKER E7030	57
3LWN093	TRONAR NEUORPUR	71	USAM3494198	HXC DECLARATION 5504C	53
JWCL34	KINGSLANE LOOTAH	71	PCSN92	WILLANDRA NIFTY	52
JWCM65	KINGSLANE MITZI	69	ANGVTMZ1023	TE MANIA RED LABEL Z1023	51
Z7JN18	JUTLAND NINO	67	3LWM175	TRONAR MYALUP	50
3LWP013	TRONAR PACIFIC TIDE	66	32		
WDVP3	WOODVALE PEGASUS	63	MCDM9	REDGUMS ON A MISSION	49
PSPN09	GOONDOOLA NATIONAL N09	63	ANGVSNM41	STRATHEWEN ALL IN J46 M41	44
PSPL25	GOONDOOLA LATITUDE L25	61	USAM1619642	3SCC DOMAIN A163	44
ANGNJWJ53	MILWILLAH MARBLE BAR J53	60	HRAQ39	HICKS ORACLE Q39	42



Calendar of Events 2023

January		May	
27 – 3 Feb	Stock and Land Beef Week	5-7	Bathurst Royal Show
28	Stock and Land Beef Week Day 2 - Readean Reds, 61 Grays Rd, Buln Buln, VIC	5-7	Tocal Field Days
31	Stock and Land Beef Week Day 5 - Schipps Red Angus, Glandore, 2941 Sturt Hwy, Alfredtown,	11-13 20-30	Norco PrimeEx Casino Beef Week
	NSW, 2650	June	
Februa 3	ry Stock and Land Beef Week Day 7 – Kurra-Wirra,	6-8 Farm	Fest Field Days, Kingsthorpe Park, Kingsthorpe Queensland
· ·	770 Mooree-Culla Rd, Culla VIC 3315, www. kurrawirra.com.au	15	The Invitational Bull Sale, Tamworth Regional Livestock Exchange from 11am
9	Must be Reds Sale, NVLX 1934 Murray Valley Hwy, Barnawartha North VIC 3691, Cliff Downey, cliff@redgumsgroup.com.au	July 7-8	Mudgee Small Farm Field Days
24-26	Canberra Royal Show, www.rncas.org.au	17-20	SA Junior Heifer Show
24-26	Tasmania Junior Beef Expo	August	
March		12-20	Brisbane Royal Show (Ekka) www.ekka.com.au
2	Hicks Red Angus Autumn Bull Sale, Annandayle	22-24	AgQuip
	South, Holbrook from 1pm, www.hicksbeef.com.au	Septem	
17-18	Lucindale Field Days	2-10	Adelaide Royal Show www.theshow.com.au
30-1 Apr	Toowoomba Royal Show, www.toowoombashow.com.au	9 21-10ct 23-30	Power of Red IX Sale, Toowoomba QLD Melbourne Royal Show royalshow.com.au Perth Royal Show www.perthroyalshow.com.au
April			
6-17	Sydney Royal Easter Show www.eastershow.com.au	October 12-14	Launceston Royal Show

All shows throughout Australia can be found at the following website https://agshowsaustralia.org.au/

26

27-29

Hobart Royal Show

Upper Beef Bonanza

RED ANGUS

Carcase Competitions in Australia in 2023

NSW		WA	
April	Sydney Royal Easter Show	January	Harvey Beef 'Gate to Plate' Competition
May	Wingham Beef Week	March	Wagin Woolarama commercial on the hoof
May	Casino Beef Week		competition
October	Australian National Field Days Steer and	September	Perth Royal Show Trade Cattle Section
	Carcase Competition	October	Brunswick Show
October	Upper Hunter Beef Bonanza	NT	
VIC		July	Alice Springs Show
April	East Gippsland Field Day	QLD	
September	Melbourne Royal	February	Callide Dawson Beef Carcase Competition
	,	March	Central Queensland Carcase Classic
SA		March	Toowoomba Royal
September	Adelaide Royal	May	Gympie District Beef Liaison Group
TAS		August	Royal Queensland Show Paddock to Plate
December	Circular Head Agricultural Show		competition
	Hoof and Hook Competition	October	Warwick Hoof and Hook Competition

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Goondoola	IBC	Springpark	85
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Hilston Red Angus	61	Willandra	35
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Red Angus A	innual 2023
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@ Eagles Nest Retreat & Skyview Barn Sheffield TASMANIA

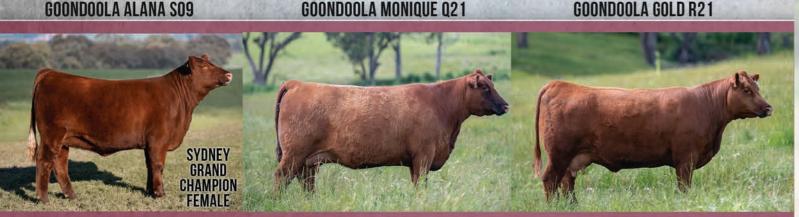
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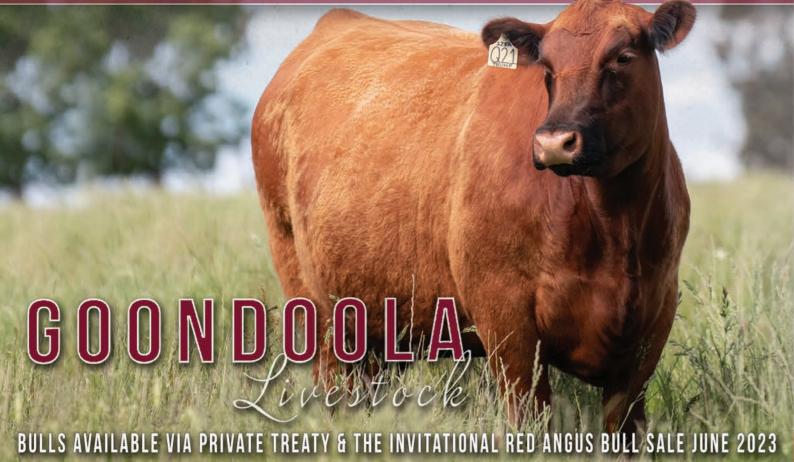




GOONDOOLA RENEGADE R36

GOONDOOLA SPEED S11

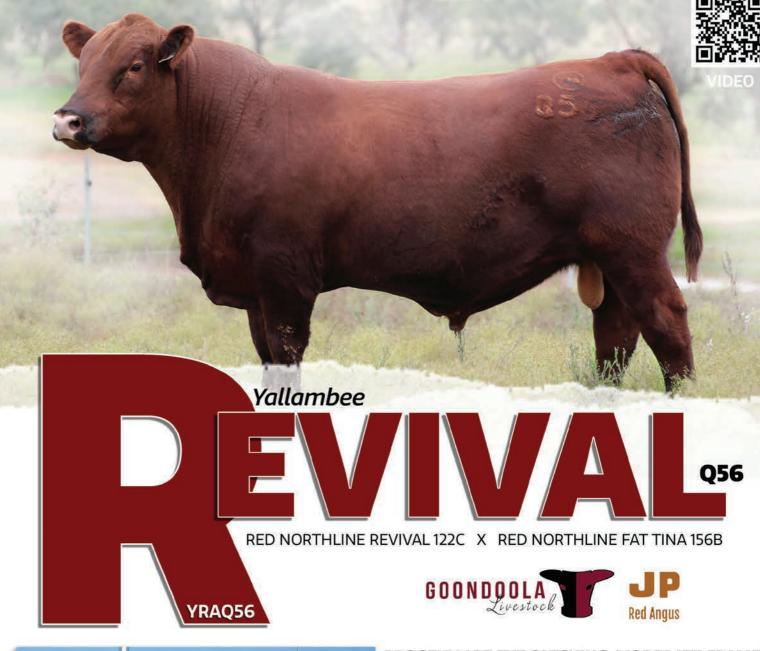




POWE FAMILY, CARGO NSW

HANNAH - 0448 254 350 CONTACT@GOONDOOLALIVESTOCK.COM.AU

NICOLE - 0421 242 019 WWW.GOONDOOLALIVESTOCK.COM.AU





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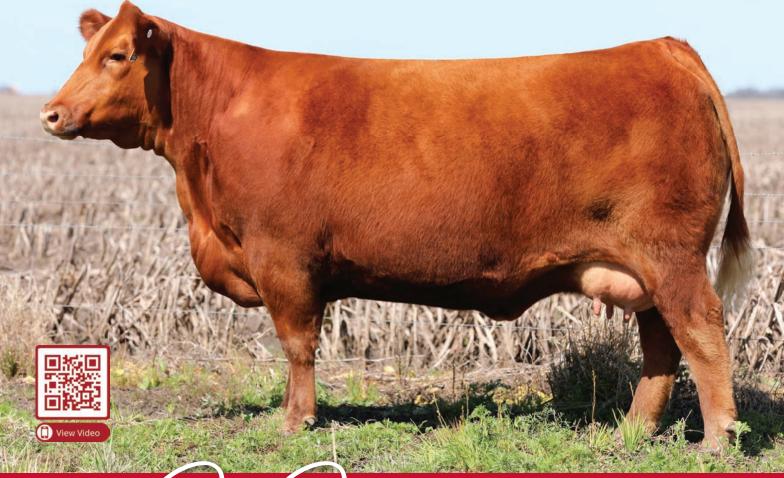
GOONDOOLA RED ANGUS

POWE FAMILY
406 NANAMI LANE, CARGO NSW 2800
0421 242 019 (NICOLE) 0448 254 350 (HANNAH)
CONTACT@GOONDOOLALIVESTOCK.COM.AU
WWW.GOONDOOLALIVESTOCK.COM.AU

JP RED ANGUS

ELLIOTT & ALLYSON CONNORS
240 WALLINGTON RD, PARKVILLE NSW 2337
0427 773 062
ELLIOTTCONNORS@HOTMAIL.COM





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GK American Sniper S3GK S03 - Tinsel J18 x Assassin
Currently being used in-herd
Selling in Power of Red IX





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CANM2104790
Outcross Canadian sire
Calves are on the ground now

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Teams reserved for: Brisbane Royal Ekka August 2023 Power of Red IX Sale Toowoomba, Sept 2023

Red Angus and Red Simmental yearling bulls, females and genetics available for sale on farm.