



HAZELDEAN

LITCHFIELD

EST 1865



Hazeldean SA Bull Sale

60 Performance Bulls

Tuesday, February 18th
Gumbowie, Willalooka, SA

2020



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*Clockwise from top left:
Monaro frost; sorting
yearling bulls for structure;
2018 sale bulls; Will
Pendergast and Ed Bradley
AI programming 2018; new
calf crop 2019.*

Hazeldean SA Bull Sale

Tuesday 18th February

Gumbowie, Willalooka, SA
Commencing at 1:30pm (SA time)

60 Performance Bulls



Account: Hazeldean Pty Ltd
ACN 000 012 760
ABN 33 000 012 760

Beef Week Field Day

Tuesday 11th February
Gumbowie, Willalooka, SA
We welcome you between 10am & 4.30pm

Inspection from 10.30am on sale day

Enquiries:

Guy Cunningham: 08 8757 8222 | 0429 875 422
Email: gumbowie1@bigpond.com

Jim Litchfield: 02 6453 5555 | 0417 676 561
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Bea Litchfield: 0427 933 103

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Pinkerton Palm Hamlyn & Steen

Robin Steen: 0428 838 195

Spence Dix & Co

Jono Spence: 0427 084 951



Sale will be interfaced with AuctionsPlus.

Videos & photos on-line 10 days prior to sale plus final weights at:

www.hazeldean.com.au & www.auctionsplus.com.au

**Register on-line prior to the sale @ www.hazeldean.com.au
and we will have your bid card ready for you on the day**

Sale Day Safety

Visitors enter the pens at their own risk. Children under 16 years are not permitted to enter the pens unless supervised at all times.

All care is taken to ensure livestock pose minimum threat to us and our clients. However, we cannot predict nor guarantee their behaviour. All sale bulls have been assessed for temperament and are quiet to handle under normal circumstances. Sale day places bulls under stresses that are foreign to their normal routine. They are not used to having a crowd of people around them and so the behaviour of even the quietest bull under normal circumstances can be unpredictable. Bulls may also fight in the pens and at these times they are oblivious to people who may be in their way. Do not put pressure on the bulls in the yards and do not enter the yards unless you need to. If you would like assistance with inspections, please ask any Hazeldean staff member or agent assisting with the sale.

Be sure of a catalogue – Bring this one with you

Disclaimer All reasonable care has been taken to ensure the information in this catalogue is correct at time of publication. The vendor makes no other representations about the accuracy, reliability or completeness of the information provided and does not assume any responsibility for the use or interpretation of the information.

Welcome to Gumbowie

Dear Cattle Breeders,

We welcome you to field day and first sale for 2020 and hope that you will be able to join us at one or both these events. The field day (Tuesday 11th February) is an excellent opportunity to inspect the bulls, learn about our program and for us to get to know you and your breeding program. All the bulls will be on display with plenty of space to walk through them and walk them out making it easy for you to select the bulls needed for your program.

You will notice these bulls are 16-18 months old on sale day providing you with excellent value with a longer working life in your herd.

Our goal:

For decades, the aim of our program has been to produce cattle to improve your profits. Our program pivots on providing our customers with genetics that excel in the traits of economic importance in efficient beef production. For us, the economic drivers are fertility, growth, carcase, maternal and efficiency traits. And these traits should come in a **functional, sound and docile package**.

We use a combination of genomically enhanced EBVs, visual appraisal and individual performance to guide us in our selection decisions.

In addition to our breeding goals we also understand that our success as a genetic source comes down to client satisfaction. Our aim is to develop long standing relationships with commercial cattle producers who we provide with bulls with real genetic value.

What information we provide and why:

Our catalogues have always been produced with the commercial cattleman in mind to provide the most relevant information for you to make the most informed decision for your program.

We have colour coded the top performers in each trait to help everyone better understand where the bulls rank in the population.

Clear structural scores are reported in the catalogue as assessed by Liam Cardile, an independent assessor. We encourage you to assess the bulls yourself on the day and use the scores as a guide in making selections.

We pride ourselves on the longevity and hardiness of our cattle – those that have visited our breeding base at Cooma know the conditions our females live under. Our female herd is very strong with in-built fertility and ability to raise strong, growthy calves with great carcase each year; important profit drivers for all commercial beef operations.

We look forward to catching up with you on sale day, if you are thinking of purchasing Hazeldean genetics this year please get in touch with us, we would love to hear about you and your program. We would appreciate the opportunity to help you in any way that we can.

Kind regards,

Bea Litchfield and the Hazeldean team



Welcome to the 2020 Bull Sale

We at PPHS and SD&CO wish to thank the Litchfield and Cunningham families for including our Companies in their Sale and providing a great run of young bulls for your inspection at the Field Days and competition on Sale Day.

I say it again for the third year as our Eastern and Northern graziers contend with the extending drought that has now turned to very distressing and frightening fires across large areas of QLD and NSW. We all hope that this situation will rectify itself very soon.

LIVESTOCK prices have continued to be quite strong over all proteins thanks to the huge demand from China which is creating shortages in other export markets.

Lookout when this drought actually breaks across Australia and the female cattle kill screams to a halt as the herd and flocks are rebuilt the livestock prices will be very good for several years.

As I said last year we need to continue to foster our image of clean, green, quality meats for the growing middle class across Asia and Europe that are prepared to pay premiums for our products. This year's HAZELDEAN selection of 17/20 month old bulls will again have a great mix of top genetics throughout the Catalogue.

The HAZELDEAN name continues to provide sound efficient cattle with moderate birth weights that produce live calves that turn into quality females to breed on from, or steers that are sought after by feedlots and bullock finishers.

The South East (SA) WEANER SALES commenced at AMHERST/MOVILLE with a very strong sale, and continued at NARACOORTE on the 5/6th Dec where there was a magnificent line up of Angus weaners, which ranged in price from \$3.40 to \$3.60/kg live with some sales above this. These calves were mainly March to May drop (8/10 months) and being sold in December at 340/400kgs. GREAT GENETICS.

REMEMBER the HAZELDEAN guarantee of quality and service.

Come and enjoy the HAZELDEAN cattle and hospitality on sale day to ensure your on a winner by breeding quality Angus.

Robin Steen

Director

PPHS NARACOORTE



Proven Genetic Performance

SELECT from a herd bred under commercial conditions.

Hazeldean cattle are bred under commercial conditions and share their paddocks with sheep. The main breeding herd is located in the foothills of the Snowy Mountains with long cold winters, severe frost and a late spring. Hazeldean females are expected to re-breed before the Spring flush and as such are selected for high fertility under low nutrition levels. They are well-known for their hardiness and ability to thrive. Their hardiness suits northern conditions also where animals must work in the heat and be capable of storing energy quickly as body fat and not fall in a heap after calving. With experience in the south and the north we know these are the sort of cattle that will perform in both environments.

INVEST in a cow herd with TRUE depth of breeding

The bulls bred at Hazeldean come from a 3500 strong female herd with unequalled depth of breeding spanning 60 years. Hazeldean cattle breed true to type and reflect their breeding heritage with uniform high performing calves that achieve premiums in all markets.

BOOST your herd's fertility

Hazeldean Angus are renowned for high fertility, and good mothering to give consistent and superior reproductive performance. Selection pressure on females to breed a live calf every year from 2 years of age is strict and any female who fails to do so for any reason is "out".

ACHIEVE higher prices at the saleyards.

Hazeldean blood animals command higher prices at market and are sought after by feedlotter and backgrounders.



Hazeldean Breeding and Management

Established in 1927, Hazeldean Angus is part of Hazeldean Pty Ltd, a pastoral enterprise owned and operated by the Litchfield family of Cooma, NSW since 1865. Hazeldean provides the beef industry with large numbers of high quality, high performing stud and commercial Angus bulls. Seedstock and commercial beef production has been Hazeldean's business for over 150 years. The company understands genetics and what's important to run a successful commercial beef cattle operation.

The Hazeldean herd consists of 3500 commercial, APR and stud cattle, which are bred and grazed on the Monaro in southern NSW. Hazeldean cattle are renowned as being "good doing", hardy cattle that will thrive in any climate. The female herd has a reputation of exceptional fertility, lower than average birth weights, excellent calving ease, teamed with high growth and above average carcass.

Hazeldean's core business is providing functional, profitable bulls to the commercial beef industry and this means first of all maximizing the number of pregnancies and the number of live calves hitting the ground, building on that base rapid growth rates and on top of that superior carcass data. This is the basis of any successful breeding enterprise.

Hazeldean selects for quiet temperament in their breeding program and sire selection and their cattle have an enviable reputation of being exceptionally quiet and easy to manage. This shows in the docility EBV's of Hazeldean cattle. Temperament is highly heritable, it affects carcass quality, growth rate, and handling – any animal that shows bad temperament is culled.

Stud & Performance History

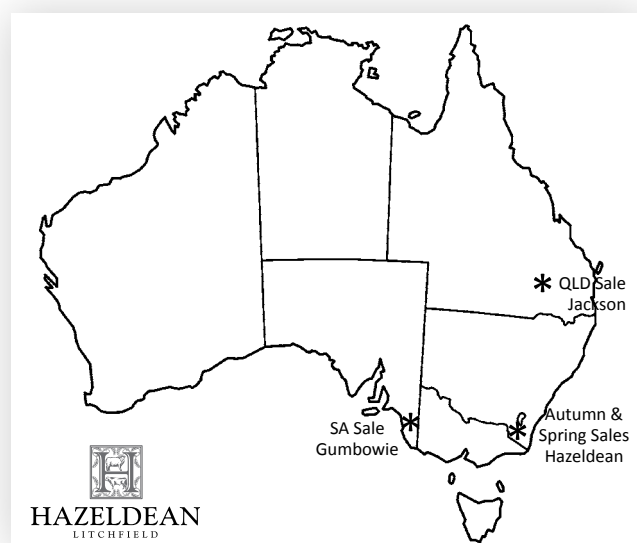
The Hazeldean Angus herd was established in 1927, replacing a herd of primarily shorthorn cattle that had run on the property for many years. In 1952 the stud was founded with the purchase of in-calf heifers from six New Zealand studs. These heifers were specially selected for scale, length and docile temperament – traits that still remain important to the stud 60 years later. As the commercial herd was of a very high standard and as a means to fully utilize the foundation sire "Wallah Ottoman", a selection of top grade commercial females were selected to join the bull-producing herd. The strength of the Hazeldean herd has always been its ability to produce large numbers of high performing bulls with emphasis always on commercial reality.

In 1960 Hazeldean became one of the first beef seedstock producers anywhere in the world to embrace the concept of Performance testing and has continued to use accurate measured production in its selection and breeding programmes ever since. Hazeldean was the first beef herd in Australia to trial Breedplan and was later chosen as the site of the national launch in 1985. Hazeldean Angus is involved in carcass and feedlot performance trials and sire progeny testing programmes to identify the leading sires for profitability to the industry.

Bull Sales Around 400 bulls are sold each year by auction at selling centres located at "Gumbowie", Willalooka SA (Feb), "Hazeldean", Cooma NSW (May & September) and, "Pinora", Jackson QLD (August).

Female Sales Commercial females and select registered females are sold on-property at Hazeldean's annual Female Sale in Cooma in May.

Semen Sales Semen is available from Hazeldean's top sires. Contact Hazeldean or view our website www.hazeldean.com.au



Hazeldean Breeding and Management

Management & Breeding Programme

The Hazeldean properties are extensive grazing properties suited to commercial beef production. The Hazeldean herd is run under strict commercial conditions with stud cows sharing their paddocks with sheep and only receiving supplementary feeding in drought. Hazeldean sources the most proven and high performing Angus sires and multiplies these genetics throughout the herd using their comprehensive (AI) and (ET) programme. Elite Hazeldean cows are flushed and used as donors in the ET programme.

The provision of bulls by a seedstock breeder to a commercial breeder must do five things. They are, in order of importance, as follows:

1. Serve cows effectively and efficiently so that the number of pregnancies in your herd is as high as it can be over a 6 week joining.
2. Produce daughters that are fertile at an early age, able to calve unassisted at 2 years of age and breed back every year thereafter.
3. Sire calves that grow quickly to reach maximum liveweight at the turnoff time targeted by the breeder.
4. Have sufficient constitution and athleticism to survive and breed effectively for a number of years.
5. Sire calves with valuable carcasses that maximise returns to the breeder and the processor for each kilogram of beef produced.

It is vital that these targets are met in this order for beef producers to make money out of beef cattle and this is the focus of the Hazeldean program.



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Purchasing a bull from Hazeldean

Health Check All sale bulls are thoroughly assessed by a vet prior to the sale. Animals displaying faults that are likely to interfere with a normal productive life are culled.

The Hazeldean herd has JBAS8 status.
Bulls are Pestivirus, Vibriosis and 7 in 1 Vaccinated.

Fertility Although sale bulls are vet checked immediately prior to sale day, which includes a full examination of reproductive organs, we recommend that you organize a pre-mating bull examination at least 6 weeks prior to joining to ensure that your bulls are in the best of health and capable of producing pregnancies. The procedure should include a serving ability test where the bull is observed serving a cow or heifer.

Hazeldean has an uncompromising approach to structural assessment All Hazeldean bulls and females are annually assessed and those failing the assessment are culled. Before cataloguing, each animal is inspected by an independent assessor to ensure a high standard of structural correctness, particularly with regard to conformation, shoulders, legs and feet. (See beef class structural assessment system). Only animals that pass this rigorous inspection are entered for sale. No animal has received treatment to their feet.



Semen Terms & Conditions Hazeldean retains semen rights on all bulls unless otherwise agreed upon, according to Hazeldean Semen Terms and Conditions.

See full Terms and Conditions at the back of the catalogue.

Beef Class Structural Assessment System

Structural problems in cattle have a substantial effect on both the reproductive and growth performance of a beef herd. It is widely recognised that structural problems in sires have detrimental effects on conception rates, calving patterns and thus profitability.

Similarly, females with inadequate structural characteristics are more prone to weaning lighter calves or conceiving later in the breeding season than their more functional counterparts. These structural problems are filtered through the supply chain resulting in reduced income for the producer, feedlot and thus reducing the overall productivity of the Australian Beef Industry.

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

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

Hazeldean Structural Program

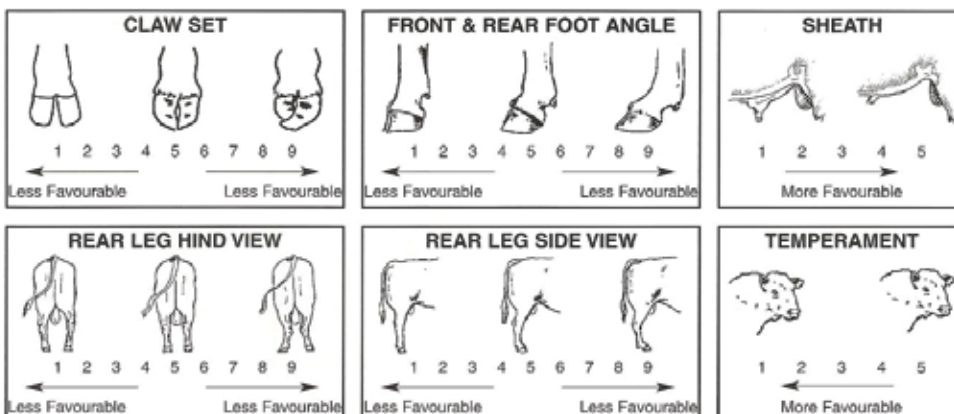
The 2019 Hazeldean Sale Bulls have been independently structurally assessed to maximise the quality of stock on offer. Any animals deemed inadequate have been removed from the sale draft.

The Hazeldean sale bulls were assessed by Liam Cardile of BEEFXCEL. In addition to annual bull assessments, Hazeldean has recently completed a full female herd assessment program. An ongoing program of assessing first calving females during lactation also helps to further strengthen the structural soundness of the entire Hazeldean breeding herd.

How to use The Beef Class Structural Assessment System

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

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



Liam Cardile – Beef Xcel – 0409 572 570

Looking after your new Hazeldean bull

Bulls are like us. Some settle easily in to a new location - others don't. Here are a few pointers to help your new bull/s settle in.

Bulls are social animals and there is a hierarchy within each mob. Usually we have around 4 mobs of bulls for any one sale. If bulls are purchased from different mobs and put together they will very likely fight to sort out who's "boss". If you buy more than one bull, find out from us at the end of the sale what mobs are represented in your purchases and we can tell you whether you are likely to experience fighting when we get them home for you.

When the bull/s arrive at your home, let them settle in by leaving them in the yards overnight and observe how they are reacting to their new home. Give them fresh water and good quality hay. If they are fighting you might have to split them, depending on how serious it is. Two bulls fighting is often less of a concern than 3 bulls fighting as sometimes the third bull will broadside one of the bulls locked in battle and serious injury can result. If you have purchased only one bull, then find a mate or two for him straight away. If you have bought multiple bulls from a number of different management groups or studs it is often better to put them all together at once. Introducing new bulls into a mob one at a time can lead to the new bull being given a very hard time indeed by his contemporaries. Sometimes a young bull will team up with a bigger older bull but often it should be one or two cows or steers. Bulls left on their own are much more likely to jump or push through fences and be unsettled and once they get into the habit are hard to stop.

We do not use dogs on our cattle so your new bull might react strangely if you use a dog. In all instances read the body language of your new bull/s and take appropriate action. Sometimes this might involve a stint in the yards, other times it might be better to let them into a paddock straight away with one or two cows. The added advantage of running them with cows is that it will help them develop immunity to foreign bugs they may not have previously encountered well before the breeding season. Whatever the circumstances, do not take the view that everything will be fine because sometimes it isn't and each bull will be different. For further advice please do not hesitate to call us.

Your new bull will be up to date with vaccine and parasite treatment at the time of sale however a booster vaccination should be given annually including Vibriosis, Pestivirus and 7 in 1. These vaccinations can be given anytime to fit in with your normal management routine however 4 to 6 weeks before mating is a good time and this also gives you a chance to inspect all your bulls and establish their general soundness before the breeding season.

Prior to mating a breeding soundness evaluation of all the bulls you own is a good idea. You may wish to undertake this yourself or get a vet to do it for you. Bulls should be assessed for reproductive soundness including palpation and measuring of the testicles. Testes should be at least 32 cm in circumference and tennis ball firm, not hard or soft. They should be symmetrical and free from abnormal lumps and bumps. The epididymus at the base of the testicle should not be enlarged or irregular and the cords at the top of the testicle also free of lumps. It is a good idea to observe your bull's actual physical prowess in a serving ability test. When a bull is mounting a cow he must thrust and complete a service fully before he can be given a tick. Stand to the right and to the rear of the bull and check for corkscrew penis. Corkscrew penis is a condition where the end of the penis spirals preventing entry into the vagina. Corkscrew penis will always deviate to the right side of the cow. Also check the bull for muscle tremor, muscle wastage, lameness, favouring of one hind leg or any other indication he may be unsound. Look for other indicators - unevenly grown hind toes can be a sign of hip problems for instance.

Once your bulls have passed through all these hoops they are ready for joining however do not think that you can now take your eye off the ball (so to speak) because during joining an injury is even more likely to occur, or a long standing problem resurface, due to the workload. Inspect your bulls twice a week at close proximity. Look for the same things you observed in your pre joining check. When you have passed the first 3 weeks of joining make sure there are not large numbers of cows cycling. Even if your bull is serving well and normally there is always a small risk he may be infertile due to poor quality sperm. This may be a temporary or permanent problem. If you are in any doubt replace the bull with another.

It is important to remember that the fundamental profit driver in a beef enterprise is reproduction. It is therefore vital to spend time making sure your bulls are working properly.

During the non-breeding season DO NOT LET YOUR BULLS GET FAT!! Bulls will last longer, have fewer feet problems and will be more agile and virile generally if they are not overweight. The best mature bull paddock is often your worst paddock. Young bulls may need a better paddock as they are still growing.

At the 6 week pre joining check-up, move all bulls to better paddocks to start lifting them before mating.

If you are in any doubt as to the soundness of your bull/s, or what you should be doing or looking for, please call us.

Jim Litchfield

Understanding EBV's

Group Breedplan analyses the growth and production attributes of beef cattle and provides predictions of the genetic merit of individual animals called Estimated Breeding Values (EBV's).

Breedplan is logical and straight forward and provides the only solution to the otherwise impossible task of weighing up individual bull performance and adjusting for pedigree and the performance of brothers and sisters. It gives the correct weighting to all available information and then gives a value and accuracy level for each trait measured. The higher the accuracy percentage, the more confidence you can have in the figure. Without any figures selection becomes guess work. EBV's are shown as +ve or -ve differences from the breed base. The average EBV's for traits change over time as the breed makes genetic progress. The breed average EBV's provide a useful benchmark for comparisons of EBV's for individual animals.

The following is a brief explanation of the figures and what to look for. Remember, all the figures are calculated from the animal's individual performance AND the performance of its relatives that have also been measured or weighed. This is important as it improves the accuracy of the predicted performance of the bull you purchase. For example, if the bull you purchased was light for birth weight, yet one of its parents was heavy at birth, there is a fair chance that some of your bull's calves will inherit the grandparent's high birth weight. Breedplan works out the likelihood of this occurring and includes it in the estimated figure. The same applies to all other measured traits.

CALVING EASE **Calving Ease (CE)**

Appears on sires only and is self explanatory to a large extent. CE (DIR) is Calving Ease direct and refers to the amount of calving difficulty you can expect from this bull directly from the cows he is joined to. CE (DTRS) is Calving Ease daughters and refers to the amount of calving difficulty you can expect from his daughters. **A plus figure in both instances is good.**

Gestation Length (GL)

Some cattle have shorter pregnancies than normal and some longer pregnancies. As growth starts from conception, generally a bull with short gestation length EBV will sire smaller calves at birth than one with a longer gestation length EBV. It also means that the cow has more time to recover from calving to get back in calf for next year. **A negative figure here is good.**

Birthweight (BWT)

Birthweight generally applies mostly to those looking for a heifer bull. Generally at Hazeldean we get a little nervy when we go much above +4.5 for our own heifer joining, although some areas seem to be able to tolerate more birthweight than we can on the Monaro. Even if you are not looking for a heifer bull, keep in mind that a bull with a big birthweight will sire heifer calves and you may run into problems when his daughters calve down. In a well designed program, birthweight EBV should be able to gradually increase as the size of your heifers at 2 years of age increases through selection for improved growth rate.

A low figure here is good, especially over heifers, but be careful that it does not get so low that calf mortality starts to increase. Also, you should challenge your heifers to be able to handle higher birthweights, otherwise calving ease will go the wrong way.

GROWTH & MATERNAL

200, 400 & 600 Day Growth

These figures indicate the sort of weight differences you can expect from the progeny of these bulls (as an average) at 200, 400 and 600 days of age. In other words, if you have two bulls and for 600 Day weight one is +70 and the other is +80, you could expect the bull who is +80 to sire calves that would average 5kgs more bodyweight (as the sire provides half the genes to the calf, that is 10kg divided by 2) at 600 days than the bull who is +70. **A plus figure in all areas is good**, relative to your production, provided birthweight does not get out of control.

Mature Cow Weight

Provides an estimate of the genetic differences between animals in cow weight at 5 years of age. Obviously smaller cows have less maintenance requirements and those that can still wean heavy calves are valuable however remember there is a high negative correlation between low Mature Cow Weight and growth meaning selection for this trait can put pressure on growth rate of progeny. More efficient "easy-care" cows have a MCW lower than their 600 DWT and we select for this.

Understanding EBV's

Milk

Milk is the figure that most people find hardest to understand. How can you work out how much milk an animal is capable of producing in its offspring without actually milking them and measuring the quantity? Milk is obviously an important consideration especially for those beef producers turning calves straight off their mothers. Too much of a good thing can lead to udder problems and also result in failure to get back in calf early, especially if a really good milker hits a tight Spring. There are some cows that will milk well and yet still retain enough body condition to start cycling soon after calving. They are obviously very desirable. **A plus figure here is good** but beware of the problems associated with extreme production.

FERTILITY

Scrotal Size (SS)

There is a strong correlation between scrotal size and both male and female fertility. Bulls with big testicles generally sire more fertile daughters. You may notice a discrepancy between scrotal size on sale day and the EBV. This is because testicles, like just about everything else, grow at different rates in different bulls and rankings will therefore change. As with all Breedplan analysis, information on relatives also has an effect. The measurement for the EBV was taken at the same time as we started to program the heifers for their AI program back in early September. The reason we did this was to identify those bulls who failed to reach sexual maturity at the minimum age we want our heifers to be cycling. We cull all bulls who fail to reach a minimum of 30cm at 12 months of age as these animals, if allowed to go through into the sale group, will be more likely to breed heifers who will not get in calf early. **A plus figure here is good.**

Days to Calving (DC)

This figure only appears on sires and is an indication of the time taken for his daughters to get back in calf after calving. Some cows take longer to return to their normal heat cycle after calving than others. Those that recover quickly and need fewer days before they get back in calf are obviously more worthwhile having around. **A minus figure here is good.**

CARCASE

Carcase weight (CWT)

Carcase weight refers to the difference you can expect in the weight of this bull's steer progeny when slaughtered at 650 days of age. Remember that this is an EBV and therefore the actual contribution of this trait to the bull's offspring is half of the number published. This is because only half of any animal's genes come from the sire. The other half comes from the mother. **A high figure is good.**

Eye Muscle Area (EMA)

This trait is measured by ultrasound when the bulls are approximately 15-18 months old. As muscling is consistent throughout the body, EMA is a good indicator of overall muscle content when the measurement is taken and analysed in the light of total body weight. It is actually impossible to have an animal with more meat in his hindquarter than in his forequarter, or vice versa. Many years ago, Professor Rex Butterfield dissected numerous carcasses from many breeds to prove that as a proportion of total muscle weight, almost exactly the same amounts of muscle were found in various parts of the animal regardless of breed or physical appearance. Despite general opinion to the contrary, it has been recently proven that increased muscle is not linked to poor fertility or calving difficulty. **A plus figure here is good.**

Fat Depth – Rib & Rump

Also calculated from ultrasound measurement, high fat depth EBV's will mean bulls that leave fatter carcasses and lower lean meat yield. However, recent research has shown that bulls that are positive for fat generally sire more fertile daughters than those that are negative, all other things being equal. Care has to be taken, therefore, not to select poorer types that lack doing ability and constitution resulting in low fertility. This EBV needs to be kept in balance and **extremes of plus or minus should be avoided.**

Retail Beef Yield (RBY%)

This figure is calculated to give you the expected amount of retail beef as a percentage of the total carcass weight in a 300 kg carcass sired by this bull. Again you need to understand that as animals receive half their genes from their mother and half from their father, this figure needs to be divided by two to ascertain just how much is a result of the bull's influence.

Understanding EBV's

Intramuscular Fat- Marbling (IMF%)

As abattoir data is always slow, there are big benefits in measuring live cattle. The Animal Genetics and Breeding Unit (AGBU) at Armidale with Meat Research has been researching marbling scanning since 1996 and has come up with some very Corporation, CRC and Breed Society support encouraging results for genetic evaluation. IMF% and actual marble score are reasonably well correlated and therefore selection on IMF% will improve marbling. To further improve accuracy, the figure or IMF% calculated by Breedplan also includes abattoir data and overseas EPD data, as well as ultrasound. The US data on marbling is generated purely from abattoir carcase information.

A plus figure here is good.

\$ Index Values

There are currently four selection indexes calculated for animals within the Angus BREEDPLAN analysis. The Angus Breeding Index is a general purpose selection index that is suitable for use in the majority of commercial beef operations, whereas the Domestic, Heavy Grain and Heavy Grass selection indexes are specific to beef operations targeting a defined production system and market endpoint.

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

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

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

Heavy Grass Index - estimates the genetic differences between animals in net profitability per cow joined in a commercial self replacing herd targeting pasture finished heavy steers. Further information regarding each selection index is available from www.angusaustralia.com.au

Trial Docility - This EBV is expressed as the difference in the percentage of progeny that will be scored with acceptable temperament. **Higher scores are more favourable.** For example, a bull with an EBV of +20 would be expected to on average produce 15% more progeny with acceptable temperament than a bull with an EBV of -10.

Heritability of Traits

Some traits are more likely to be inherited than others. The most **highly heritable traits** (over 35%) are: birthweight, 600 day weight, mature cow weight, scrotal size, rump fat, retail beef yield and docility. Traits of **medium heritability**, (20 -30%) are gestation length, eye muscle area, rib fat and 200 & 400 day weight and those with the **lowest heritability**, (less than 20%) are days to calving, calving ease and milk.

The team at Hazeldean systematically collect as accurately as possible all the required information that is then submitted to Breedplan for analysis. Every calf is tagged and weighed at birth, again at 200 days, 400 days and 600 days. Every animal is scanned for carcase data, all male animals have testicles measured at 400 days and structural and docility assessments are done by an independent assessor (Liam Cardile from BeefXcel).



NHZF1023

HAZELDEAN F1023

DOB: 6.9.2010

Registration Level: APR

AMF, NHFU, CAFU, DDF

S A F FOCUS OF E R USA6163[#]
 TE MANIA YORKSHIRE Y437 VTMY437^{PV}
 TE MANIA LOWAN U275 VTMU275[#]
Sire: TE MANIA BERKLEY B1 VTMB1^{PV}
 KENNY'S CREEK SANDY S15 NDIS15^{SV}
 TE MANIA LOWAN Z53 VTMZ53[#]
 TE MANIA LOWAN V129 VTMV129[#]

C A FUTURE DIRECTION 5321 USA5321[#]
 HAZELDEAN W133 NHZW133[#]
 HAZELDEAN T159 NHZT159[#]
Dam: HAZELDEAN B723 NHZB723[#]
 HAZELDEAN RENAISSANCE R13 NHZR13[#]
 HAZELDEAN X375 NHZX375[#]
 HAZELDEAN V918 NHZV918[#]

| December 2019 Angus Australia BREEDPLAN | | | | | | | | | | | | | | | |
|---|------------------|-------------------|--------------|-------------|----------------|----------------|----------------|-----------------|------------|-----------------|--------------|-----------------|--------------|--------------|--------------|
| TACE | Calving Ease | | | | Growth | | | | | Fertility | | Temp | Feed | | |
| | Calving Ease Dir | Calving Ease Dtrs | Gest. Length | Birth Wt | 200 Day Growth | 400 Day Weight | 600 Day Weight | Mat. Cow Weight | Milk | Days to Calving | Scrotal Size | Docility | NFI-F | | |
| EBV | +8.0 | +1.6 | -3.3 | +3.8 | +40 | +75 | +92 | +86 | +12 | -7.1 | +3.5 | -4 | +1.44 | | |
| Acc | 76% | 64% | 98% | 97% | 95% | 94% | 94% | 85% | 77% | 66% | 92% | 94% | 84% | | |
| Perc | 11 | 51 | 63 | 38 | 75 | 71 | 80 | 64 | 79 | 7 | 3 | 76 | 99 | | |
| | Carcase | | | | | | Structural | | | | | Selection Index | | | |
| | Carcase Weight | EMA | Rib Fat | Rump Fat | RBV | IMF | FA | FC | RA | RH | RS | Angus Breeding | Domestic | Heavy Grain | Heavy Grass |
| EBV | +67 | +7.3 | +3.5 | -0.1 | -2.8 | +5.8 | +23 | +24 | -11 | +3.4 | +0.4 | \$129 | \$110 | \$167 | \$110 |
| Acc | 90% | 87% | 90% | 87% | 84% | 86% | 76% | 82% | 76% | 52% | 63% | - | - | - | - |
| Perc | 26 | 18 | 1 | 45 | 99 | 1 | 1 | 1 | 85 | 6 | 1 | 22 | 45 | 3 | 55 |

Traits Observed: GL,CE,BWT,200WT,400WT,Scan(EMA,Rib,Rump,IMF),Genomics(CE,S-Step)
 Statistics: Number of Herds: 13 Prog Analysed: 332 Genomic Progeny: 113

Hazeldean F1023 is Australia's No.1 proven Marbling Sire. Proven in Cohort 3 of the Angus Sire Benchmarking Program, F1023 is a marbling superstar. With his beautiful smooth skin type, great muscle pattern and super sound structure, Hazeldean F1023 is a sire that ticks a lot of boxes. Hazeldean F1023 has been used heavily in the Hazeldean program, we are excited to see his progeny coming through in this sale



NHZJ140

HAZELDEAN JAIPUR J140

DOB: 21.08.13

Registration Level: HBR

AMFU, NHF, CAFU, DDFU



PAPA POWER 096 USA096[♀]

TE MANIA KELP K207+90 VTMK207+90[♀]

PAPA EQUATOR 2928 USA2928[♀]

HAZELDEAN RENAISSANCE R13 NHZR13[♀]

PAPA ENVIOUS BLACKBIRD 8849 USA8849[♀]

HAZELDEAN P90+94 NHZP90+94[♀]

Sire: ARDROSSAN EQUATOR A241 NAQA241^{PV}

Dam: HAZELDEAN C33 NHZC33[♀]

B/R NEW DIMENSION 7127 USA7127^{SV}

S A F FOCUS OF E R USA6163[♀]

ARDROSSAN PRINCESS W38 NAQW38^{PV}

HAZELDEAN V15 NHZV15[♀]

ARDROSSAN PRINCESS U24 NAQU24[♀]

HAZELDEAN T29 NHZT29[♀]

| December 2019 Angus Australia BREEDPLAN | | | | | | | | | | | | | | | |
|---|------------------|-------------------|--------------|----------|----------------|----------------|----------------|-----------------|------|-----------------|-----------------|----------------|----------|-------------|-------------|
| TACE | Calving Ease | | | | Growth | | | | | Fertility | | Temp | Feed | | |
| | Calving Ease Dir | Calving Ease Dtrs | Gest. Length | Birth Wt | 200 Day Growth | 400 Day Weight | 600 Day Weight | Mat. Cow Weight | Milk | Days to Calving | Scrotal Size | Docility | NFI-F | | |
| EBV | +9.6 | +12.9 | -5.0 | +1.8 | +38 | +75 | +108 | +90 | +25 | -5.6 | +2.9 | +38 | +1.02 | | |
| Acc | 83% | 69% | 98% | 98% | 97% | 97% | 96% | 89% | 86% | 64% | 97% | 97% | 84% | | |
| Perc | 5 | 1 | 32 | 6 | 83 | 70 | 46 | 56 | 1 | 23 | 8 | 1 | 99 | | |
| | Carcase | | | | | Structural | | | | | Selection Index | | | | |
| | Carcase Weight | EMA | Rib Fat | Rump Fat | RYB | IMF | FA | FC | RA | RH | RS | Angus Breeding | Domestic | Heavy Grain | Heavy Grass |
| EBV | +75 | +4.7 | -0.7 | -1.5 | +1.5 | +1.7 | +5 | +29 | +5 | -2.6 | -0.2 | \$127 | \$114 | \$137 | \$122 |
| Acc | 91% | 89% | 91% | 88% | 87% | 87% | 87% | 88% | 82% | 58% | 78% | - | - | - | - |
| Perc | 7 | 57 | 70 | 83 | 13 | 45 | 36 | 1 | 22 | 81 | 65 | 25 | 33 | 25 | 25 |

Traits Observed: CE,BWT,200WT,400WT,600WT,SC,Scan(EMA,Rib,Rump,IMF),DOC,Genomics(CE,S-Step)

Statistics: Number of Herds: 8 Prog Analysed: 581 Genomic Progeny: 122

Hazeldean Jaipur J140 is a standout sire at Hazeldean. He is by Ardrossan Equator A241 out of a great old Hazeldean Renaissance cow, Hazeldean C33. He has been referred to as "the foot fixer" due to his near perfect structural foot scores and general structural integrity. He is also very docile, has excellent fertility EBVs and his birth to 400/600 day growth spread places him as one of those rare individuals who straddles both calving ease and growth parameters with true performance. He is a trait leader for calving ease. We have used him extensively at Hazeldean- he has sired over 270 progeny here.

We have been frustrated with many imported Angus AI sires appearing in this country. The lack of breeding depth has resulted in a huge range of phenotypes including issues with temperament and structure. This has encouraged us to use a greater proportion of our own genetics, ensuring the ever important traits of longevity and constitution are maintained within our own and our clients herds.





DECEMBER 2019 ANGUS AUSTRALIA BREEDPLAN REFERENCE TABLES

| BREED AVERAGE EBVs | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------|--------------|------------|-------|--------|-------|------|-----|-----|--------|------|------|------|-----------|------|------|------|---------|----|----------|----------|--------------|----------|----------|------------------|-------------|-------------|------------|------------|-------------------|------------|-----------------------|--------------------|-----------------------|
| Brd Avg | Calving Ease | | | | Birth | | | | Growth | | | | Fertility | | | | Carcase | | | | Other | | | | Structure | | | | Selection Indexes | | | | |
| | Less Diffc | More Diffc | CEDir | CEDirs | GL | BW | 200 | 400 | 600 | MCW | Milk | SS | SS | DTC | CWT | EMA | RIB | P8 | More Fat | Less Fat | Higher Yield | More IMF | Less IMF | Greater Feed Eff | More Docile | Less Docile | More Sound | Less Sound | More Sound | Less Sound | Greater Profitability | Less Profitability | Greater Profitability |
| +1.3 | +1.4 | -4.1 | +4.3 | +4.4 | +81 | +106 | +93 | +15 | +1.8 | -4.1 | +58 | +5.2 | +0.0 | -0.3 | +0.5 | +1.6 | +0.13 | +5 | +0 | -1 | -2 | -0.4 | -0.4 | +1.3 | +108 | +117 | +111 | | | | | | |

* Breed average represents the average EBV of all 2017 drop Angus and Angus influenced animals analysed in the December 2019 Angus Australia BREEDPLAN genetic evaluation.

| PERCENTILE BANDS TABLE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------|--------------|------------|-------|--------|-------|------|------|-----|--------|------|------|-------|-----------|------|------|------|---------|-----|----------|----------|--------------|----------|----------|------------------|-------------|-------------|------------|------------|-------------------|------------|-----------------------|--------------------|-----------------------|
| % Band | Calving Ease | | | | Birth | | | | Growth | | | | Fertility | | | | Carcase | | | | Other | | | | Structure | | | | Selection Indexes | | | | |
| | Less Diffc | More Diffc | CEDir | CEDirs | GL | BW | 200 | 400 | 600 | MCW | Milk | SS | SS | DTC | CWT | EMA | RIB | P8 | More Fat | Less Fat | Higher Yield | More IMF | Less IMF | Greater Feed Eff | More Docile | Less Docile | More Sound | Less Sound | More Sound | Less Sound | Greater Profitability | Less Profitability | Greater Profitability |
| 1% | +12.2 | +10.6 | -9.7 | +0.4 | +61 | +147 | +143 | +26 | +3.9 | -8.7 | +85 | +11.2 | +3.1 | +3.2 | +2.6 | +3.8 | -0.52 | +31 | +22 | +24 | +15 | +4.7 | +0.4 | +155 | +135 | +179 | +144 | | | | | | |
| 5% | +9.7 | +8.4 | -7.8 | +1.7 | +56 | +134 | +126 | +22 | +3.2 | -7.4 | +77 | +9.1 | +2.0 | +2.0 | +2.0 | +3.2 | -0.33 | +24 | +16 | +18 | +11 | +3.6 | +0.4 | +144 | +127 | +162 | +135 | | | | | | |
| 10% | +8.2 | +7.1 | -6.8 | +2.3 | +54 | +127 | +118 | +21 | +2.8 | -6.7 | +73 | +8.2 | +1.5 | +1.5 | +1.6 | +2.8 | -0.23 | +19 | +13 | +16 | +9 | +2.9 | +0.4 | +137 | +123 | +153 | +130 | | | | | | |
| 15% | +7.1 | +6.1 | -6.3 | +2.7 | +52 | +123 | +113 | +20 | +2.6 | -6.2 | +71 | +7.6 | +1.2 | +1.2 | +1.4 | +2.6 | -0.16 | +16 | +11 | +13 | +7 | +2.3 | +0.4 | +133 | +120 | +147 | +127 | | | | | | |
| 20% | +6.2 | +5.4 | -5.8 | +3.0 | +51 | +120 | +109 | +19 | +2.4 | -5.8 | +69 | +7.1 | +0.9 | +0.9 | +1.2 | +2.4 | -0.10 | +14 | +10 | +11 | +6 | +1.9 | +0.4 | +130 | +118 | +141 | +124 | | | | | | |
| 25% | +5.4 | +4.7 | -5.4 | +3.2 | +50 | +117 | +106 | +18 | +2.3 | -5.5 | +67 | +6.7 | +0.7 | +0.6 | +1.1 | +2.2 | -0.06 | +12 | +8 | +9 | +5 | +1.6 | +0.3 | +127 | +116 | +137 | +122 | | | | | | |
| 30% | +4.6 | +4.0 | -5.1 | +3.5 | +49 | +115 | +103 | +17 | +2.2 | -5.2 | +65 | +6.4 | +0.5 | +0.4 | +1.0 | +2.1 | -0.02 | +10 | +7 | +8 | +4 | +1.2 | +0.3 | +124 | +115 | +133 | +119 | | | | | | |
| 35% | +3.9 | +3.4 | -4.8 | +3.7 | +48 | +113 | +100 | +17 | +2.1 | -5.0 | +64 | +6.0 | +0.4 | +0.3 | +0.8 | +1.9 | +0.02 | +8 | +6 | +7 | +2 | +1.0 | +0.3 | +121 | +113 | +129 | +117 | | | | | | |
| 40% | +3.1 | +2.9 | -4.5 | +3.9 | +47 | +110 | +98 | +16 | +2.0 | -4.7 | +62 | +5.7 | +0.2 | +0.1 | +0.7 | +1.8 | +0.06 | +7 | +4 | +5 | +1 | +0.7 | +0.2 | +119 | +112 | +125 | +115 | | | | | | |
| 45% | +2.4 | +2.3 | -4.3 | +4.1 | +46 | +108 | +95 | +16 | +1.9 | -4.5 | +61 | +5.4 | +0.1 | -0.1 | +0.6 | +1.7 | +0.10 | +5 | +3 | +3 | +0 | +0.4 | +0.2 | +116 | +110 | +122 | +114 | | | | | | |
| 50% | +1.7 | +1.7 | -4.0 | +4.3 | +45 | +106 | +93 | +15 | +1.8 | -4.2 | +60 | +5.1 | -0.1 | -0.3 | +0.5 | +1.6 | +0.13 | +4 | +2 | +1 | -1 | +0.2 | +0.1 | +114 | +109 | +118 | +112 | | | | | | |
| 55% | +1.0 | +1.1 | -3.8 | +4.5 | +44 | +104 | +91 | +15 | +1.7 | -4.0 | +58 | +4.8 | -0.2 | -0.4 | +0.4 | +1.5 | +0.17 | +3 | +1 | -1 | -2 | -0.1 | +0.0 | +112 | +107 | +115 | +110 | | | | | | |
| 60% | +0.2 | +0.5 | -3.5 | +4.7 | +43 | +102 | +88 | +14 | +1.6 | -3.7 | +57 | +4.5 | -0.4 | -0.6 | +0.3 | +1.3 | +0.20 | +1 | +0 | -3 | -3 | -0.5 | -0.1 | +109 | +106 | +111 | +108 | | | | | | |
| 65% | -0.5 | -0.1 | -3.2 | +4.9 | +42 | +100 | +86 | +14 | +1.5 | -3.5 | +55 | +4.2 | -0.5 | -0.8 | +0.2 | +1.2 | +0.24 | +0 | -2 | -5 | -4 | -1.0 | -0.2 | +106 | +104 | +107 | +106 | | | | | | |
| 70% | -1.4 | -0.8 | -3.0 | +5.1 | +41 | +98 | +83 | +13 | +1.4 | -3.2 | +53 | +3.9 | -0.7 | -0.9 | +0.1 | +1.1 | +0.28 | -2 | -3 | -8 | -6 | -1.4 | -0.4 | +104 | +102 | +103 | +104 | | | | | | |
| 75% | -2.3 | -1.5 | -2.7 | +5.4 | +40 | +95 | +80 | +13 | +1.3 | -2.9 | +51 | +3.6 | -1.1 | -1.1 | -0.1 | +1.0 | +0.32 | -3 | -6 | -11 | -7 | -1.9 | -0.6 | +100 | +100 | +99 | +101 | | | | | | |
| 80% | -3.3 | -2.4 | -2.4 | +5.6 | +39 | +92 | +77 | +12 | +1.1 | -2.5 | +49 | +3.2 | -1.0 | -1.4 | -0.2 | +0.8 | +0.37 | -5 | -8 | -13 | -9 | -2.5 | -0.9 | +97 | +98 | +94 | +98 | | | | | | |
| 85% | -4.5 | -3.4 | -2.0 | +5.9 | +37 | +89 | +73 | +11 | +1.0 | -2.0 | +46 | +2.7 | -1.3 | -1.6 | -0.4 | +0.6 | +0.42 | -7 | -12 | -17 | -12 | -3.0 | -1.3 | +92 | +95 | +87 | +95 | | | | | | |
| 90% | -6.1 | -4.7 | -1.4 | +6.3 | +35 | +84 | +68 | +10 | +0.8 | -1.4 | +42 | +2.1 | -1.5 | -2.0 | -0.6 | +0.4 | +0.49 | -9 | -17 | -21 | -15 | -4.2 | -1.8 | +86 | +91 | +79 | +90 | | | | | | |
| 95% | -8.6 | -6.5 | -0.5 | +7.0 | +31 | +60 | +60 | +9 | +0.5 | -0.4 | +35 | +1.3 | -2.0 | -2.6 | -0.9 | +0.1 | +0.60 | -13 | -25 | -26 | -20 | -6.2 | -2.8 | +76 | +85 | +66 | +82 | | | | | | |
| 99% | -13.9 | -10.3 | +1.3 | +8.2 | +24 | +49 | +42 | +6 | -0.2 | +1.4 | +24 | -0.3 | -2.8 | -3.7 | -1.6 | -0.3 | +0.84 | -20 | -33 | -32 | -28 | -10.4 | -5.4 | +52 | +71 | +33 | +63 | | | | | | |

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



HAZELDEAN
LITCHFIELD

SA 2020

SALE BULLS

1 HAZELDEAN P131 (HBR) (AI) Born: 15/08/2018 Society Ident.: NHZP131

S AV FINAL ANSWER 0035 USA0035
Sire: LD CAPITALIST 316
LD DIXIE ERICA 2053

TE MANIA BERKLEY VTMB1
Dam: HAZELDEAN G112
HAZELDEAN C85

AMFU NHFU CAFU DDFU

| | | | | | | | | |
|---|---|---|---|---|---|--------|-------|--------|
| | | | | | | MUSCLE | TEMP. | SHEATH |
| 6 | 6 | 6 | 6 | 5 | 5 | C+ | 2 | 5 |

| ANGUS GROUP BREEDPLAN EBVS - DEC 2019 | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------------|--------------|------|------|------|-------------------|------|------|------|-----------|------|------|---------|-----|------|------|------|------|------|-------------|------|-------------|-------------|--|
| ANGUS | CALVING EASE | | | | GROWTH & MATERNAL | | | | FERTILITY | | CWT | CARCASE | | | | | | Doc. | Angus Index | Dom | Heavy Grain | Heavy Grass | |
| | DIR | DTRS | GL | B Wt | 200 | 400 | 600 | MWt | Milk | SS | DC | C Wt | EMA | RIB | RUMP | RYB% | IMF% | | | | | | |
| EBV | +5.5 | +6.4 | -3.7 | +5.9 | +59 | +101 | +133 | +127 | +12 | +2.3 | -5.4 | +76 | +5 | +0.9 | +0.6 | -0.1 | +2.2 | -22 | +140 | +124 | +152 | +134 | |
| ACC% | 60% | 48% | 85% | 75% | 70% | 70% | 68% | 65% | 59% | 73% | 42% | 62% | 61% | 64% | 62% | 61% | 61% | 61% | | | | | |

Purchaser..... Price.....

2 HAZELDEAN P779 (APR) (AI) Born: 9/08/2018 Society Ident.: NHZP779

MUSGRAVE AVIATOR USA17264774

ARDROSSAN EQUATOR NAQA241

Sire: MUSGRAVE APACHE USA18194405 **Dam: HAZELDEAN H1616**

MUSGRAVE CAROLINE 1304-189

HAZELDEAN F1052

AMFU NHFU CAFU DDFU

| | | | | | | | | |
|---|---|---|---|---|---|--------|-------|--------|
| | | | | | | MUSCLE | TEMP. | SHEATH |
| 6 | 6 | 6 | 7 | 6 | 6 | C+ | 2 | 4 |

| ANGUS GROUP BREEDPLAN EBVS - DEC 2019 | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------------|--------------|------|------|------|-------------------|------|------|------|-----------|------|------|---------|------|------|------|------|------|------|-------------|------|-------------|-------------|--|
| ANGUS | CALVING EASE | | | | GROWTH & MATERNAL | | | | FERTILITY | | CWT | CARCASE | | | | | | Doc. | Angus Index | Dom | Heavy Grain | Heavy Grass | |
| | DIR | DTRS | GL | B Wt | 200 | 400 | 600 | MWt | Milk | SS | DC | C Wt | EMA | RIB | RUMP | RYB% | IMF% | | | | | | |
| EBV | -4.3 | -1.9 | +0.2 | +7.4 | +64 | +111 | +148 | +141 | +18 | +1.4 | -6.2 | +87 | +6.2 | -1.2 | -0.3 | +1 | +2 | - | +145 | +124 | +160 | +136 | |
| ACC% | 54% | 44% | 85% | 74% | 68% | 69% | 65% | 62% | 56% | 72% | 36% | 59% | 56% | 59% | 57% | 56% | 54% | - | | | | | |

Purchaser..... Price.....

3 HAZELDEAN P509 (APR) (AI) Born: 1/08/2018 Society Ident.: NHZP509

TE MANIA BERKLEY VTMB1

TUWHARETOA BNAE151

Sire: TE MANIA EMPEROR

Dam: HAZELDEAN H469

TE MANIA LOWAN Z74

HAZELDEAN E453

AMFU NHFU CAFU DDFU

| | | | | | | | | |
|---|---|---|---|---|---|--------|-------|--------|
| | | | | | | MUSCLE | TEMP. | SHEATH |
| 6 | 6 | 5 | 6 | 5 | 5 | C+ | 1 | 4 |

| ANGUS GROUP BREEDPLAN EBVS - DEC 2019 | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------------|--------------|------|------|------|-------------------|-----|------|------|-----------|------|------|---------|------|------|------|------|------|------|-------------|------|-------------|-------------|--|
| ANGUS | CALVING EASE | | | | GROWTH & MATERNAL | | | | FERTILITY | | CWT | CARCASE | | | | | | Doc. | Angus Index | Dom | Heavy Grain | Heavy Grass | |
| | DIR | DTRS | GL | B Wt | 200 | 400 | 600 | MWt | Milk | SS | DC | C Wt | EMA | RIB | RUMP | RYB% | IMF% | | | | | | |
| EBV | +5.3 | +2.2 | -4.8 | +4.3 | +45 | +89 | +117 | +114 | +13 | +2.3 | -6.4 | +71 | +4.2 | +0.2 | -1.5 | -0.5 | +3.1 | +12 | +132 | +115 | +156 | +120 | |
| ACC% | 65% | 61% | 84% | 75% | 71% | 71% | 72% | 71% | 68% | 73% | 55% | 69% | 66% | 70% | 68% | 68% | 66% | 61% | | | | | |

Purchaser..... Price.....

Top 5% Top 10% Top 20%



HAZELDEAN
LITCHFIELD

SA 2020

SALE BULLS

4 HAZELDEAN P559 (APR) (AI) Born: 2/08/2018
Society Ident.: NHZP559

TE MANIA BERKLEY VTMB1
Sire: HAZELDEAN F1023
HAZELDEAN B723

GAR PROPHET USA16295688
Dam: HAZELDEAN J865
HAZELDEAN G924

AMFU NHFU CAFU DDFU

| | | | | | | | | |
|---|---|---|---|---|---|--------|-------|--------|
| | | | | | | MUSCLE | TEMP. | SHEATH |
| 6 | 5 | 5 | 5 | 5 | 5 | B- | 1 | 4 |

| ANGUS GROUP BREEDPLAN EBVS - DEC 2019 | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------------|--------------|------|------|------|-------------------|------|------|------|------|-----------|------|------|---------|------|------|------|------|-----|------|-------------|------|-------------|-------------|
| ANGUS | CALVING EASE | | | | GROWTH & MATERNAL | | | | | FERTILITY | | CWT | CARCASE | | | | | | Doc. | Angus Index | Dom | Heavy Grain | Heavy Grass |
| | DIR | DTRS | GL | B Wt | 200 | 400 | 600 | MWt | Milk | SS | DC | C Wt | EMA | RIB | RUMP | RBY% | IMF% | | | | | | |
| EBV | +2.7 | -2 | -4.9 | +7.9 | +65 | +114 | +146 | +143 | +13 | +1.6 | -6.4 | +90 | +6.1 | -0.3 | -2.4 | -1.2 | +5.2 | +9 | +163 | +133 | +208 | +140 | |
| ACC% | 58% | 51% | 84% | 69% | 67% | 69% | 68% | 65% | 58% | 72% | 43% | 64% | 61% | 66% | 63% | 62% | 61% | 58% | | | | | |

Purchaser..... Price.....

5 HAZELDEAN P962 (APR) (AI) Born: 19/08/2018
Society Ident.: NHZP962

ARDROSSAN EQUATOR NAQA241
Sire: HAZELDEAN JAIPUR J140
HAZELDEAN C33

CARRABAR DOCKLANDS D62
Dam: HAZELDEAN J368
HAZELDEAN D891

AMF NHFU CAFU DDFU

| | | | | | | | | |
|---|---|---|---|---|---|--------|-------|--------|
| | | | | | | MUSCLE | TEMP. | SHEATH |
| 6 | 6 | 6 | 6 | 6 | 5 | C+ | 1 | 5 |

| ANGUS GROUP BREEDPLAN EBVS - DEC 2019 | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------------|--------------|------|-----|------|-------------------|-----|------|------|------|-----------|------|------|---------|-----|------|------|------|-----|------|-------------|------|-------------|-------------|
| ANGUS | CALVING EASE | | | | GROWTH & MATERNAL | | | | | FERTILITY | | CWT | CARCASE | | | | | | Doc. | Angus Index | Dom | Heavy Grain | Heavy Grass |
| | DIR | DTRS | GL | B Wt | 200 | 400 | 600 | MWt | Milk | SS | DC | C Wt | EMA | RIB | RUMP | RBY% | IMF% | | | | | | |
| EBV | +2.6 | +6.5 | -5 | +5.4 | +46 | +84 | +121 | +102 | +21 | +3.2 | -6.2 | +74 | +4.3 | 0 | +0.2 | +0.7 | +1.6 | +16 | +130 | +112 | +138 | +125 | |
| ACC% | 57% | 48% | 68% | 74% | 70% | 70% | 68% | 63% | 59% | 73% | 43% | 62% | 61% | 64% | 63% | 62% | 60% | 59% | | | | | |

Purchaser..... Price.....

6 HAZELDEAN P582 (APR) (AI) Born: 2/08/2018
Society Ident.: NHZP582

RENNYLEA EDMUND NORE11
Sire: ARDROSSAN JUSTICE NAQJ93
ARDROSSAN EVERELDA AI(ET) NAQF6

TE MANIA INFINITY NZE04379
Dam: HAZELDEAN G1028
HAZELDEAN E376

AMFU NHFU CAFU DDFU

| | | | | | | | | |
|---|---|---|---|---|---|--------|-------|--------|
| | | | | | | MUSCLE | TEMP. | SHEATH |
| 6 | 6 | 5 | 6 | 5 | 5 | C+ | 2 | 4 |

| ANGUS GROUP BREEDPLAN EBVS - DEC 2019 | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------------|--------------|------|------|------|-------------------|-----|-----|-----|------|-----------|------|------|---------|------|------|------|------|-----|------|-------------|------|-------------|-------------|
| ANGUS | CALVING EASE | | | | GROWTH & MATERNAL | | | | | FERTILITY | | CWT | CARCASE | | | | | | Doc. | Angus Index | Dom | Heavy Grain | Heavy Grass |
| | DIR | DTRS | GL | B Wt | 200 | 400 | 600 | MWt | Milk | SS | DC | C Wt | EMA | RIB | RUMP | RBY% | IMF% | | | | | | |
| EBV | +11.2 | +6.6 | -2.5 | +1.3 | +39 | +75 | +92 | +78 | +15 | +3 | -6.9 | +54 | +5.8 | +1.3 | +1.3 | -0.5 | +3.8 | +20 | +132 | +119 | +153 | +120 | |
| ACC% | 58% | 51% | 85% | 75% | 70% | 70% | 69% | 66% | 62% | 73% | 44% | 62% | 61% | 65% | 62% | 61% | 60% | 60% | | | | | |

Purchaser..... Price.....

Top 5% Top 10% Top 20%



SA 2020

SALE BULLS

7 HAZELDEAN P957 (APR) Born: 18/08/2018 Society Ident.: NHZP957

AMFU NHFU CAFU DDFU

RENNYLEA EDMUND NORE11
Sire: HAZELDEAN LEAF L38
HAZELDEAN J87

LAWSON'S TANK VLY B1155
Dam: HAZELDEAN H9
HAZELDEAN DESIGN D35

| | | | | | | | | |
|---|---|---|---|---|---|--------|-------|--------|
| | | | | | | MUSCLE | TEMP. | SHEATH |
| 6 | 5 | 5 | 5 | 5 | 5 | C+ | 2 | 4 |

| ANGUS GROUP BREEDPLAN EBVS - DEC 2019 | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------------|--------------|------|------|------|-------------------|-----|------|------|------|-----------|-----|------|---------|-----|------|------|------|-----|------|-------------|------|-------------|-------------|
| ANGUS | CALVING EASE | | | | GROWTH & MATERNAL | | | | | FERTILITY | | CWT | CARCASS | | | | | | Doc. | Angus Index | Dom | Heavy Grain | Heavy Grass |
| | DIR | DTRS | GL | B Wt | 200 | 400 | 600 | MWt | Milk | SS | DC | C Wt | EMA | RIB | RUMP | RYB% | IMF% | | | | | | |
| EBV | +1.6 | +0.1 | -5.2 | +4.1 | +47 | +85 | +114 | +101 | +16 | +1.7 | -8 | +65 | +5.5 | +1 | -0.2 | +0.2 | +2.3 | +1 | +132 | +114 | +145 | +123 | |
| ACC% | 52% | 44% | 52% | 72% | 66% | 67% | 64% | 61% | 52% | 71% | 40% | 56% | 55% | 56% | 56% | 53% | 50% | 53% | | | | | |

Purchaser..... Price.....

8 HAZELDEAN P580 (APR) (AI) Born: 2/08/2018 Society Ident.: NHZP580

AMFU NHFU CAFU DDFU

RENNYLEA EDMUND NORE11
Sire: ARDROSSAN JUSTICE NAQJ93
ARDROSSAN EVERELDA AI(ET) NAQF6

HAZELDEAN CASH FLOW D1025
Dam: HAZELDEAN F645
HAZELDEAN Z186

| | | | | | | | | |
|---|---|---|---|---|---|--------|-------|--------|
| | | | | | | MUSCLE | TEMP. | SHEATH |
| 7 | 7 | 7 | 7 | 5 | 5 | C+ | 2 | 4 |

| ANGUS GROUP BREEDPLAN EBVS - DEC 2019 | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------------|--------------|------|------|------|-------------------|-----|------|-----|------|-----------|------|------|---------|------|------|------|------|-----|------|-------------|------|-------------|-------------|
| ANGUS | CALVING EASE | | | | GROWTH & MATERNAL | | | | | FERTILITY | | CWT | CARCASS | | | | | | Doc. | Angus Index | Dom | Heavy Grain | Heavy Grass |
| | DIR | DTRS | GL | B Wt | 200 | 400 | 600 | MWt | Milk | SS | DC | C Wt | EMA | RIB | RUMP | RYB% | IMF% | | | | | | |
| EBV | +5.3 | +0.9 | -3.1 | +3.9 | +44 | +79 | +103 | +96 | +16 | +1.3 | -5.5 | +63 | +4.8 | +2.4 | +1.1 | -1 | +2.3 | -4 | +110 | +103 | +115 | +107 | |
| ACC% | 55% | 45% | 84% | 74% | 69% | 70% | 68% | 64% | 58% | 71% | 40% | 58% | 58% | 59% | 60% | 54% | 53% | 58% | | | | | |

Purchaser..... Price.....

9 HAZELDEAN P705 (APR) (AI) Born: 6/08/2018 Society Ident.: NHZP705

AMFU NHFU CAFU DDFU

TE MANIA BERKLEY VTMB1
Sire: HAZELDEAN F1023
HAZELDEAN B723

RENNYLEA EDMUND NORE11
Dam: HAZELDEAN K1534
HAZELDEAN D1348

| | | | | | | | | |
|---|---|---|---|---|---|--------|-------|--------|
| | | | | | | MUSCLE | TEMP. | SHEATH |
| 6 | 6 | 6 | 6 | 5 | 6 | C+ | 2 | 4 |

| ANGUS GROUP BREEDPLAN EBVS - DEC 2019 | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------------|--------------|------|------|------|-------------------|-----|------|-----|------|-----------|------|------|---------|-----|------|------|------|-----|------|-------------|------|-------------|-------------|
| ANGUS | CALVING EASE | | | | GROWTH & MATERNAL | | | | | FERTILITY | | CWT | CARCASS | | | | | | Doc. | Angus Index | Dom | Heavy Grain | Heavy Grass |
| | DIR | DTRS | GL | B Wt | 200 | 400 | 600 | MWt | Milk | SS | DC | C Wt | EMA | RIB | RUMP | RYB% | IMF% | | | | | | |
| EBV | +0.3 | -3.1 | -0.3 | +6 | +45 | +86 | +109 | +90 | +17 | +2.8 | -5.8 | +62 | +6.6 | +1 | -0.3 | -0.5 | +3.5 | -4 | +126 | +112 | +147 | +115 | |
| ACC% | 56% | 50% | 85% | 74% | 69% | 69% | 67% | 63% | 57% | 71% | 45% | 64% | 61% | 65% | 62% | 62% | 61% | 58% | | | | | |

Purchaser..... Price.....

Top 5% Top 10% Top 20%



SA 2020

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10 HAZELDEAN P465 (APR) (AI) Born: 31/07/2018 Society Ident.: NHZP465

AMFU NHFU CAFU DDF

TE MANIA BERKLEY VTMB1
Sire: TE MANIA EMPEROR
TE MANIA LOWAN Z74

HAZELDEAN FERRYMAN F909
Dam: HAZELDEAN H1275
HAZELDEAN F938

| | | | | | | | | |
|---|---|---|---|---|---|--------|-------|--------|
| | | | | | | MUSCLE | TEMP. | SHEATH |
| 6 | 6 | 6 | 6 | 5 | 5 | C+ | 2 | 4 |

| ANGUS GROUP BREEDPLAN EBVS - DEC 2019 | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------------|--------------|------|------|------|-------------------|------|------|-----|------|-----------|-----|------|---------|------|------|------|------|------|------|-------------|------|-------------|-------------|
| EBV | CALVING EASE | | | | GROWTH & MATERNAL | | | | | FERTILITY | | CWT | CARCASE | | | | | | Doc. | Angus Index | Dom | Heavy Grain | Heavy Grass |
| | DIR | DTRS | GL | B Wt | 200 | 400 | 600 | MWt | Milk | SS | DC | C Wt | EMA | RIB | RUMP | RBY% | IMF% | | | | | | |
| -7.4 | -1 | -7.4 | +7.7 | +55 | +95 | +129 | +116 | +14 | -1 | -3.8 | +66 | +7.8 | +0.4 | -0.9 | +1.4 | +0.6 | -16 | +110 | +104 | +107 | +113 | | |
| ACC% | 62% | 58% | 85% | 75% | 70% | 71% | 70% | 67% | 73% | 53% | 67% | 64% | 69% | 66% | 67% | 65% | 60% | | | | | | |

Purchaser..... Price.....

11 HAZELDEAN P160 (APR) Born: 31/08/2018 Society Ident.: NHZP160

AMFU NHFU CAFU DDFU

PLATTEMERE WEIGH UP K360
Sire: HAZELDEAN M670
HAZELDEAN H1001

CARRABAR DOCKLANDS D62
Dam: HAZELDEAN K340
HAZELDEAN H21

| | | | | | | | | |
|---|---|---|---|---|---|--------|-------|--------|
| | | | | | | MUSCLE | TEMP. | SHEATH |
| 6 | 5 | 5 | 5 | 4 | 5 | C+ | 2 | 5 |

| ANGUS GROUP BREEDPLAN EBVS - DEC 2019 | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------------|--------------|------|------|------|-------------------|------|------|-----|------|-----------|-----|------|---------|-----|------|------|------|------|------|-------------|------|-------------|-------------|
| EBV | CALVING EASE | | | | GROWTH & MATERNAL | | | | | FERTILITY | | CWT | CARCASE | | | | | | Doc. | Angus Index | Dom | Heavy Grain | Heavy Grass |
| | DIR | DTRS | GL | B Wt | 200 | 400 | 600 | MWt | Milk | SS | DC | C Wt | EMA | RIB | RUMP | RBY% | IMF% | | | | | | |
| -4 | -3.8 | -4.1 | +5.6 | +56 | +103 | +133 | +112 | +18 | +1.6 | -1.9 | +77 | +9.7 | -2 | -3 | +2.1 | +1.6 | +4 | +123 | +118 | +131 | +122 | | |
| ACC% | 51% | 45% | 57% | 71% | 65% | 65% | 63% | 59% | 53% | 70% | 36% | 56% | 54% | 57% | 56% | 54% | 52% | 48% | | | | | |

Purchaser..... Price.....

12 HAZELDEAN P817 (APR) (AI) Born: 11/08/2018 Society Ident.: NHZP817

AMFU NHFU CAFU DDFU

MUSGRAVE AVIATOR USA17264774
Sire: MUSGRAVE APACHE USA18194405
MUSGRAVE CAROLINE 1304-189

HAZELDEAN BENEDICT B569
Dam: HAZELDEAN G909
HAZELDEAN D772

| | | | | | | | | |
|---|---|---|---|---|---|--------|-------|--------|
| | | | | | | MUSCLE | TEMP. | SHEATH |
| 6 | 5 | 6 | 6 | 5 | 5 | C+ | 2 | 5 |

| ANGUS GROUP BREEDPLAN EBVS - DEC 2019 | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------------|--------------|------|------|------|-------------------|------|-----|-----|------|-----------|-----|------|---------|------|------|------|------|------|------|-------------|------|-------------|-------------|
| EBV | CALVING EASE | | | | GROWTH & MATERNAL | | | | | FERTILITY | | CWT | CARCASE | | | | | | Doc. | Angus Index | Dom | Heavy Grain | Heavy Grass |
| | DIR | DTRS | GL | B Wt | 200 | 400 | 600 | MWt | Milk | SS | DC | C Wt | EMA | RIB | RUMP | RBY% | IMF% | | | | | | |
| +9.2 | +7.5 | -5.7 | +2.8 | +46 | +83 | +109 | +88 | +18 | +1.3 | -5.6 | +60 | +5.1 | -0.5 | -0.6 | +1 | +1.3 | -9 | +122 | +116 | +124 | +121 | | |
| ACC% | 53% | 39% | 84% | 74% | 68% | 69% | 65% | 60% | 54% | 72% | 35% | 58% | 56% | 57% | 57% | 53% | 50% | 56% | | | | | |

Purchaser..... Price.....

Top 5% Top 10% Top 20%



SA 2020

SALE BULLS

13 HAZELDEAN P485 (APR) (AI) Born: 31/07/2018 Society Ident.: NHZP485

AMFU NHFU CAFU DDC

ARDROSSAN EQUATOR NAQA241
Sire: HAZELDEAN JAIPUR J140
HAZELDEAN C33

RENNYLEA EDMUND NORE11
Dam: HAZELDEAN K408
HAZELDEAN H625

| | | | | | | | | |
|---|---|---|---|---|---|--------|-------|--------|
| | | | | | | MUSCLE | TEMP. | SHEATH |
| 6 | 6 | 6 | 7 | 6 | 5 | C+ | 2 | 3 |

| ANGUS GROUP BREEDPLAN EBVS - DEC 2019 | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------------|--------------|------|------|------|-------------------|-----|------|------|------|-----------|-----|------|---------|------|------|------|------|-----|------|-------------|------|-------------|-------------|
| ANGUS | CALVING EASE | | | | GROWTH & MATERNAL | | | | | FERTILITY | | CWT | CARCASE | | | | | | Doc. | Angus Index | Dom | Heavy Grain | Heavy Grass |
| | DIR | DTRS | GL | B Wt | 200 | 400 | 600 | MWt | Milk | SS | DC | C Wt | EMA | RIB | RUMP | RBY% | IMF% | | | | | | |
| EBV | -3 | +2.9 | -4.5 | +6.5 | +53 | +94 | +128 | +119 | +21 | +3.4 | -7 | +79 | +6.9 | -0.9 | -1.3 | +2.3 | +1.8 | +25 | +141 | +123 | +157 | +131 | |
| ACC% | 58% | 51% | 84% | 74% | 69% | 70% | 69% | 65% | 61% | 73% | 45% | 65% | 63% | 67% | 64% | 65% | 63% | 59% | | | | | |

Purchaser..... Price.....

14 HAZELDEAN P137 (HBR) (AI) Born: 17/08/2018 Society Ident.: NHZP137

AMFU NHFU CAFU DDFU

ARDROSSAN EQUATOR NAQA241
Sire: HAZELDEAN JAIPUR J140
HAZELDEAN C33

TE MANIA BERKLEY VTMB1
Dam: HAZELDEAN J108
HAZELDEAN B256

| | | | | | | | | |
|---|---|---|---|---|---|--------|-------|--------|
| | | | | | | MUSCLE | TEMP. | SHEATH |
| 6 | 6 | 6 | 6 | 5 | 5 | C | 2 | 4 |

| ANGUS GROUP BREEDPLAN EBVS - DEC 2019 | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------------|--------------|------|------|------|-------------------|-----|------|-----|------|-----------|------|------|---------|------|------|------|------|-----|------|-------------|------|-------------|-------------|
| ANGUS | CALVING EASE | | | | GROWTH & MATERNAL | | | | | FERTILITY | | CWT | CARCASE | | | | | | Doc. | Angus Index | Dom | Heavy Grain | Heavy Grass |
| | DIR | DTRS | GL | B Wt | 200 | 400 | 600 | MWt | Milk | SS | DC | C Wt | EMA | RIB | RUMP | RBY% | IMF% | | | | | | |
| EBV | +7.2 | +9.8 | -2.9 | +2.9 | +42 | +89 | +115 | +99 | +19 | +1.8 | -5.9 | +74 | +3.8 | -0.4 | -1.8 | +1 | +2.2 | 0 | +136 | +124 | +153 | +127 | |
| ACC% | 59% | 52% | 84% | 75% | 70% | 71% | 70% | 67% | 62% | 73% | 46% | 66% | 63% | 68% | 65% | 65% | 63% | 60% | | | | | |

Purchaser..... Price.....

15 HAZELDEAN P781 (APR) (AI) Born: 9/08/2018 Society Ident.: NHZP781

AMFU NHFU CAFU DDFU

BASIN FRANCHISE P142
Sire: EF COMPLEMENT 8088
EF EVERELDA ENTENSE 6117

HAZELDEAN GRENADINE G362
Dam: HAZELDEAN J914
HAZELDEAN G972

| | | | | | | | | |
|---|---|---|---|---|---|--------|-------|--------|
| | | | | | | MUSCLE | TEMP. | SHEATH |
| 6 | 6 | 6 | 6 | 5 | 6 | C+ | 2 | 4 |

| ANGUS GROUP BREEDPLAN EBVS - DEC 2019 | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------------|--------------|------|------|------|-------------------|-----|------|------|------|-----------|------|------|---------|------|------|------|------|-----|------|-------------|------|-------------|-------------|
| ANGUS | CALVING EASE | | | | GROWTH & MATERNAL | | | | | FERTILITY | | CWT | CARCASE | | | | | | Doc. | Angus Index | Dom | Heavy Grain | Heavy Grass |
| | DIR | DTRS | GL | B Wt | 200 | 400 | 600 | MWt | Milk | SS | DC | C Wt | EMA | RIB | RUMP | RBY% | IMF% | | | | | | |
| EBV | +8.4 | +9.8 | -7.4 | +3.3 | +51 | +99 | +127 | +109 | +13 | +1 | -4.3 | +69 | +7.8 | -0.5 | -0.3 | +0.8 | +2.7 | +9 | +152 | +136 | +170 | +143 | |
| ACC% | 61% | 54% | 84% | 74% | 69% | 69% | 69% | 69% | 64% | 71% | 44% | 63% | 60% | 63% | 61% | 60% | 59% | 59% | | | | | |

Purchaser..... Price.....

Top 5% Top 10% Top 20%



HAZELDEAN
LITCHFIELD

SA 2020

SALE BULLS

16 HAZELDEAN P780 (APR) (AI)

Born: 9/08/2018
Society Ident.: NHZP780

MUSGRAVE AVIATOR USA17264774 ARDROSSAN EQUATOR NAQA241
Sire: MUSGRAVE APACHE USA18194405 Dam: HAZELDEAN J1624
MUSGRAVE CAROLINE 1304-189 HAZELDEAN Z742

| | | | | | | | | |
|---|---|---|---|---|---|--------|-------|--------|
| | | | | | | MUSCLE | TEMP. | SHEATH |
| 6 | 5 | 5 | 6 | 5 | 5 | C+ | 2 | 5 |

AMFU NHFU CAFU DDFU

ANGUS GROUP BREEDPLAN EBVS - DEC 2019

| ANGUS | CALVING EASE | | | | GROWTH & MATERNAL | | | | FERTILITY | | CWT | CARCASE | | | | | | Angus Index | Dom | Heavy Grain | Heavy Grass | |
|-------|--------------|------|------|------|-------------------|-----|------|-----|-----------|-----|------|---------|------|-----|------|------|------|-------------|------|-------------|-------------|------|
| | DIR | DTRS | GL | B Wt | 200 | 400 | 600 | MWt | Milk | SS | DC | C Wt | EMA | RIB | RUMP | RBV% | IMF% | | | | | Doc. |
| EBV | +8.5 | +6.2 | -6.6 | +2.2 | +48 | +85 | +109 | +89 | +20 | +2 | -5.4 | +69 | +6.1 | +1 | +0.7 | +0.9 | +1.2 | -20 | +121 | +117 | +119 | +122 |
| ACC% | 54% | 41% | 85% | 74% | 68% | 68% | 65% | 62% | 53% | 70% | 36% | 58% | 56% | 57% | 57% | 53% | 51% | 54% | | | | |

Purchaser..... Price.....

17 HAZELDEAN P85 (HBR) (AI)

Born: 5/08/2018
Society Ident.: NHZP85

RENNYLEA EDMUND NORE11 CARRABAR DOCKLANDS D62
Sire: ARDROSSAN JUSTICE NAQJ93 Dam: HAZELDEAN J247
ARDROSSAN EVERELDA AI(ET) NAQF6 HAZELDEAN G185

| | | | | | | | | |
|---|---|---|---|---|---|--------|-------|--------|
| | | | | | | MUSCLE | TEMP. | SHEATH |
| 6 | 6 | 5 | 6 | 5 | 6 | C+ | 2 | 4 |

AMFU NHFU CAFU DDFU

ANGUS GROUP BREEDPLAN EBVS - DEC 2019

| ANGUS | CALVING EASE | | | | GROWTH & MATERNAL | | | | FERTILITY | | CWT | CARCASE | | | | | | Angus Index | Dom | Heavy Grain | Heavy Grass | |
|-------|--------------|------|------|------|-------------------|-----|-----|-----|-----------|------|------|---------|------|------|------|------|------|-------------|------|-------------|-------------|------|
| | DIR | DTRS | GL | B Wt | 200 | 400 | 600 | MWt | Milk | SS | DC | C Wt | EMA | RIB | RUMP | RBV% | IMF% | | | | | Doc. |
| EBV | +8 | +0.7 | -3.8 | +2.4 | +42 | +74 | +97 | +81 | +19 | +2.1 | -7.1 | +59 | +4.9 | +2.5 | +2.2 | -1.5 | +2.2 | +5 | +108 | +100 | +109 | +106 |
| ACC% | 57% | 50% | 84% | 74% | 69% | 70% | 69% | 66% | 61% | 72% | 42% | 62% | 60% | 64% | 62% | 61% | 59% | 59% | | | | |

Purchaser..... Price.....

18 HAZELDEAN P662 (APR) (AI)

Born: 5/08/2018
Society Ident.: NHZP662

TE MANIA BERKLEY VTMB1 RENNYLEA EDMUND NORE11
Sire: HAZELDEAN F1023 Dam: HAZELDEAN K496
HAZELDEAN B723 HAZELDEAN H1274

| | | | | | | | | |
|---|---|---|---|---|---|--------|-------|--------|
| | | | | | | MUSCLE | TEMP. | SHEATH |
| 5 | 5 | 6 | 6 | 5 | 5 | C+ | 2 | 5 |

AMFU NHFU CAFU DDFU

ANGUS GROUP BREEDPLAN EBVS - DEC 2019

| ANGUS | CALVING EASE | | | | GROWTH & MATERNAL | | | | FERTILITY | | CWT | CARCASE | | | | | | Angus Index | Dom | Heavy Grain | Heavy Grass | |
|-------|--------------|------|------|------|-------------------|-----|------|------|-----------|------|------|---------|------|-----|------|------|------|-------------|------|-------------|-------------|------|
| | DIR | DTRS | GL | B Wt | 200 | 400 | 600 | MWt | Milk | SS | DC | C Wt | EMA | RIB | RUMP | RBV% | IMF% | | | | | Doc. |
| EBV | +2.9 | +0.7 | -3.1 | +5.4 | +48 | +89 | +120 | +123 | +11 | +2.3 | -7.4 | +74 | +5.2 | +2 | -1.1 | -1.2 | +4.1 | +5 | +140 | +115 | +173 | +123 |
| ACC% | 56% | 49% | 85% | 74% | 69% | 70% | 69% | 65% | 58% | 72% | 46% | 65% | 62% | 67% | 64% | 63% | 62% | 58% | | | | |

Purchaser..... Price.....

Top 5% Top 10% Top 20%



SA 2020

SALE BULLS

19 HAZELDEAN P869 (APR) (AI) Born: 14/08/2018 Society Ident.: NHZP869

AMFU NHFU CAF DDFU

ARDROSSAN EQUATOR NAQA241
Sire: HAZELDEAN JAIPUR J140
HAZELDEAN C33

CARRABAR DOCKLANDS D62
Dam: HAZELDEAN J485
HAZELDEAN B1200

| | | | | | | | | |
|---|---|---|---|---|---|--------|-------|--------|
| | | | | | | MUSCLE | TEMP. | SHEATH |
| 5 | 5 | 5 | 6 | 5 | 5 | C+ | 2 | 4 |

| ANGUS GROUP BREEDPLAN EBVS - DEC 2019 | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------------|--------------|------|------|------|-------------------|-----|------|-----|------|-----------|------|------|---------|-----|------|------|------|-----|------|-------------|------|-------------|-------------|
| ANGUS | CALVING EASE | | | | GROWTH & MATERNAL | | | | | FERTILITY | | CWT | CARCASE | | | | | | Doc. | Angus Index | Dom | Heavy Grain | Heavy Grass |
| | DIR | DTRS | GL | B Wt | 200 | 400 | 600 | MWt | Milk | SS | DC | C Wt | EMA | RIB | RUMP | RBY% | IMF% | | | | | | |
| EBV | +6.1 | +6.2 | -5.3 | +3.9 | +41 | +76 | +107 | +99 | +18 | +2.5 | -3.6 | +68 | +6.2 | -1 | -2.1 | +2.1 | +0.6 | +3 | +110 | +107 | +108 | +111 | |
| ACC% | 58% | 50% | 85% | 74% | 69% | 70% | 69% | 67% | 61% | 72% | 45% | 65% | 63% | 67% | 64% | 65% | 62% | 59% | | | | | |

Purchaser..... Price.....

20 HAZELDEAN P725 (APR) (AI) Born: 6/08/2018 Society Ident.: NHZP725

AMFU NHFU CAFU DDFU

ARDROSSAN EQUATOR NAQA241
Sire: HAZELDEAN JAIPUR J140
HAZELDEAN C33

RENNYLEA NORF42
Dam: HAZELDEAN J600
HAZELDEAN F744

| | | | | | | | | |
|---|---|---|---|---|---|--------|-------|--------|
| | | | | | | MUSCLE | TEMP. | SHEATH |
| 5 | 6 | 6 | 6 | 5 | 5 | C | 2 | 4 |

| ANGUS GROUP BREEDPLAN EBVS - DEC 2019 | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------------|--------------|------|-----|------|-------------------|-----|------|------|------|-----------|-----|------|---------|------|------|------|------|-----|------|-------------|------|-------------|-------------|
| ANGUS | CALVING EASE | | | | GROWTH & MATERNAL | | | | | FERTILITY | | CWT | CARCASE | | | | | | Doc. | Angus Index | Dom | Heavy Grain | Heavy Grass |
| | DIR | DTRS | GL | B Wt | 200 | 400 | 600 | MWt | Milk | SS | DC | C Wt | EMA | RIB | RUMP | RBY% | IMF% | | | | | | |
| EBV | -0.2 | +6.8 | -2 | +5.2 | +46 | +87 | +122 | +103 | +23 | +2.9 | -6 | +76 | +5.3 | -0.2 | -1.1 | +1.5 | +1.1 | +21 | +126 | +112 | +132 | +123 | |
| ACC% | 57% | 46% | 84% | 74% | 69% | 70% | 68% | 64% | 58% | 71% | 41% | 61% | 60% | 62% | 61% | 60% | 58% | 60% | | | | | |

Purchaser..... Price.....

21 HAZELDEAN P676 (APR) (AI) Born: 5/08/2018 Society Ident.: NHZP676

AMFU NHFU CAFU DDFU

ARDROSSAN EQUATOR NAQA241
Sire: HAZELDEAN JAIPUR J140
HAZELDEAN C33

LAWSONS DINKY DI VLYZ191
Dam: HAZELDEAN F1126
HAZELDEAN X810

| | | | | | | | | |
|---|---|---|---|---|---|--------|-------|--------|
| | | | | | | MUSCLE | TEMP. | SHEATH |
| 7 | 6 | 6 | 6 | 5 | 5 | C+ | 2 | 4 |

| ANGUS GROUP BREEDPLAN EBVS - DEC 2019 | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------------|--------------|------|------|------|-------------------|-----|-----|-----|------|-----------|------|------|---------|------|------|------|------|-----|------|-------------|------|-------------|-------------|
| ANGUS | CALVING EASE | | | | GROWTH & MATERNAL | | | | | FERTILITY | | CWT | CARCASE | | | | | | Doc. | Angus Index | Dom | Heavy Grain | Heavy Grass |
| | DIR | DTRS | GL | B Wt | 200 | 400 | 600 | MWt | Milk | SS | DC | C Wt | EMA | RIB | RUMP | RBY% | IMF% | | | | | | |
| EBV | +10 | +8.2 | -2.3 | +2.1 | +37 | +70 | +96 | +73 | +21 | +2.2 | -5.1 | +59 | +4.2 | -0.2 | -1.2 | +1.2 | +1.2 | +28 | +109 | +106 | +109 | +109 | |
| ACC% | 58% | 48% | 84% | 74% | 69% | 70% | 68% | 63% | 59% | 72% | 44% | 62% | 61% | 63% | 62% | 61% | 59% | 58% | | | | | |

Purchaser..... Price.....

Top 5% Top 10% Top 20%



SA 2020

SALE BULLS

23 HAZELDEAN P861 (APR) (AI) Born: 14/08/2018 Society Ident.: NHZP861

TE MANIA BERKLEY VTMB1
Sire: TE MANIA EMPEROR
TE MANIA LOWAN Z74

LAWSONS INVINCIBLE VLY C402
Dam: HAZELDEAN G366
HAZELDEAN E616

AMFU NHFU CAFU DDFU

| | | | | | | | | |
|---|---|---|---|---|---|--------|-------|--------|
| | | | | | | MUSCLE | TEMP. | SHEATH |
| 7 | 6 | 7 | 7 | 6 | 5 | C+ | 2 | 4 |

| ANGUS GROUP BREEDPLAN EBVS - DEC 2019 | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------------|--------------|------|------|------|-------------------|-----|-----|-----|------|-----------|------|------|---------|------|------|------|------|-----|------|-------------|------|-------------|-------------|
| ANGUS | CALVING EASE | | | | GROWTH & MATERNAL | | | | | FERTILITY | | CWT | CARCASE | | | | | | Doc. | Angus Index | Dom | Heavy Grain | Heavy Grass |
| | DIR | DTRS | GL | B Wt | 200 | 400 | 600 | MWt | Milk | SS | DC | C Wt | EMA | RIB | RUMP | RBY% | IMF% | | | | | | |
| EBV | +6.6 | +8.6 | -5.9 | +1.9 | +37 | +71 | +90 | +67 | +14 | +1.3 | -6.1 | +56 | +4.1 | +2.3 | +2 | -1.6 | +3.5 | +21 | +120 | +109 | +133 | +112 | |
| ACC% | 65% | 61% | 85% | 75% | 70% | 71% | 70% | 69% | 67% | 73% | 56% | 67% | 66% | 69% | 67% | 67% | 66% | 61% | | | | | |

Purchaser..... Price.....

24 HAZELDEAN P1150 (APR) Born: 3/09/2018 Society Ident.: NHZP1150

ARDROSSAN EQUATOR NAQA241
Sire: HAZELDEAN JAIPUR J140
HAZELDEAN C33

RENNYLEA EDMUND NORE11
Dam: HAZELDEAN K480
HAZELDEAN H1019

AMFU NHFU CAFU DDC

| | | | | | | | | |
|---|---|---|---|---|---|--------|-------|--------|
| | | | | | | MUSCLE | TEMP. | SHEATH |
| 6 | 6 | 6 | 6 | 5 | 5 | C+ | 2 | 4 |

| ANGUS GROUP BREEDPLAN EBVS - DEC 2019 | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------------|--------------|------|------|------|-------------------|-----|------|------|------|-----------|------|------|---------|------|------|------|------|-----|------|-------------|------|-------------|-------------|
| ANGUS | CALVING EASE | | | | GROWTH & MATERNAL | | | | | FERTILITY | | CWT | CARCASE | | | | | | Doc. | Angus Index | Dom | Heavy Grain | Heavy Grass |
| | DIR | DTRS | GL | B Wt | 200 | 400 | 600 | MWt | Milk | SS | DC | C Wt | EMA | RIB | RUMP | RBY% | IMF% | | | | | | |
| EBV | +8 | +8.9 | -4.9 | +2.6 | +44 | +86 | +123 | +102 | +23 | +3 | -6.3 | +74 | +4.9 | -0.6 | -2 | +1.5 | +1.9 | +30 | +142 | +122 | +158 | +133 | |
| ACC% | 59% | 51% | 67% | 74% | 70% | 70% | 70% | 66% | 61% | 73% | 45% | 66% | 63% | 67% | 64% | 65% | 63% | 59% | | | | | |

Purchaser..... Price.....

25 HAZELDEAN P794 (APR) Born: 9/08/2018 Society Ident.: NHZP794

EF COMPLEMENT 8088
Sire: MILLWILLAH COMPLEMENT NJWK108
MILWILLAH MITTAGONG H257

TUWHARETOA BNAE151
Dam: HAZELDEAN H513
HAZELDEAN BRAVE E75

AMFU NHF CAFU DDFU

| | | | | | | | | |
|---|---|---|---|---|---|--------|-------|--------|
| | | | | | | MUSCLE | TEMP. | SHEATH |
| 6 | 5 | 5 | 6 | 5 | 5 | C+ | 1 | 5 |

| ANGUS GROUP BREEDPLAN EBVS - DEC 2019 | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------------|--------------|------|------|------|-------------------|-----|------|------|------|-----------|------|------|---------|------|------|------|------|-----|------|-------------|------|-------------|-------------|
| ANGUS | CALVING EASE | | | | GROWTH & MATERNAL | | | | | FERTILITY | | CWT | CARCASE | | | | | | Doc. | Angus Index | Dom | Heavy Grain | Heavy Grass |
| | DIR | DTRS | GL | B Wt | 200 | 400 | 600 | MWt | Milk | SS | DC | C Wt | EMA | RIB | RUMP | RBY% | IMF% | | | | | | |
| EBV | +2.9 | +0.4 | -2.7 | +5 | +53 | +92 | +131 | +135 | +13 | +2 | -5.1 | +78 | +10.8 | -0.3 | -1.5 | +2.2 | +0.3 | -4 | +130 | +116 | +130 | +130 | |
| ACC% | 56% | 48% | 64% | 74% | 69% | 70% | 67% | 64% | 57% | 72% | 39% | 60% | 58% | 62% | 60% | 58% | 56% | 59% | | | | | |

Purchaser..... Price.....

Top 5% Top 10% Top 20%



SA 2020

SALE BULLS

26 HAZELDEAN P879 (APR) Born: 14/08/2018 Society Ident.: NHZP879

AM50% NHFU CAFU DDFU

ARDROSSAN EQUATOR NAQA241 LEACHMAN BOOMTIME USA13361440
Sire: HAZELDEAN KAYKO K790 **Dam: HAZELDEAN E587**
HAZELDEAN B520 HAZELDEAN W437

| | | | | | | | | |
|---|---|---|---|---|---|--------|-------|--------|
| | | | | | | MUSCLE | TEMP. | SHEATH |
| 6 | 5 | 6 | 6 | 5 | 6 | C | 2 | 5 |

| ANGUS GROUP BREEDPLAN EBVS - DEC 2019 | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------------|--------------|------|------|------|-------------------|-----|-----|-----|------|-----------|------|------|---------|------|------|------|------|-----|------|-------------|-----|-------------|-------------|
| ANGUS | CALVING EASE | | | | GROWTH & MATERNAL | | | | | FERTILITY | | CWT | CARCASE | | | | | | Doc. | Angus Index | Dom | Heavy Grain | Heavy Grass |
| | DIR | DTRS | GL | B Wt | 200 | 400 | 600 | MWt | Milk | SS | DC | C Wt | EMA | RIB | RUMP | RBY% | IMF% | | | | | | |
| EBV | -0.6 | +4 | -3.6 | +3.2 | +44 | +74 | +97 | +87 | +20 | +0.7 | -5.6 | +65 | +4.5 | -0.4 | -0.3 | -0.2 | +1.6 | +7 | +96 | +95 | +93 | +96 | |
| ACC% | 53% | 45% | 57% | 74% | 67% | 67% | 65% | 61% | 54% | 70% | 42% | 56% | 55% | 56% | 57% | 52% | 49% | 53% | | | | | |

Purchaser..... Price.....

27 HAZELDEAN P432 (APR) (AI) Born: 30/07/2018 Society Ident.: NHZP432

AMFU NHFU CAFU DDFU

ARDROSSAN EQUATOR NAQA241 AAR TEN X 7008 SA (ET)
Sire: HAZELDEAN JAIPUR J140 **Dam: HAZELDEAN J882**
HAZELDEAN C33 HAZELDEAN G769

| | | | | | | | | |
|---|---|---|---|---|---|--------|-------|--------|
| | | | | | | MUSCLE | TEMP. | SHEATH |
| 6 | 6 | 7 | 7 | 5 | 5 | C | 1 | 4 |

| ANGUS GROUP BREEDPLAN EBVS - DEC 2019 | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------------|--------------|-------|------|------|-------------------|-----|------|------|------|-----------|------|------|---------|------|------|------|------|-----|------|-------------|------|-------------|-------------|
| ANGUS | CALVING EASE | | | | GROWTH & MATERNAL | | | | | FERTILITY | | CWT | CARCASE | | | | | | Doc. | Angus Index | Dom | Heavy Grain | Heavy Grass |
| | DIR | DTRS | GL | B Wt | 200 | 400 | 600 | MWt | Milk | SS | DC | C Wt | EMA | RIB | RUMP | RBY% | IMF% | | | | | | |
| EBV | +4.7 | +10.5 | -4.9 | +4 | +43 | +79 | +109 | +101 | +17 | +2.7 | -5.3 | +72 | +2.2 | -0.2 | -1.1 | 0 | +1.9 | +26 | +114 | +105 | +122 | +110 | |
| ACC% | 57% | 48% | 85% | 75% | 70% | 70% | 70% | 67% | 61% | 72% | 44% | 66% | 63% | 67% | 64% | 65% | 62% | 60% | | | | | |

Purchaser..... Price.....

28 HAZELDEAN P1106 (APR) Born: 27/08/2018 Society Ident.: NHZP1106

AMFU NHFU CAFU DDFU

RENNYLEA EDMUND NORE11 ARDROSSAN EQUATOR NAQA241
Sire: HAZELDEAN LEAF L38 **Dam: HAZELDEAN G206**
HAZELDEAN J87 HAZELDEAN X36

| | | | | | | | | |
|---|---|---|---|---|---|--------|-------|--------|
| | | | | | | MUSCLE | TEMP. | SHEATH |
| 6 | 6 | 6 | 6 | 5 | 5 | C | 2 | 4 |

| ANGUS GROUP BREEDPLAN EBVS - DEC 2019 | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------------|--------------|------|------|------|-------------------|-----|------|-----|------|-----------|-----|------|---------|------|------|------|------|-----|------|-------------|------|-------------|-------------|
| ANGUS | CALVING EASE | | | | GROWTH & MATERNAL | | | | | FERTILITY | | CWT | CARCASE | | | | | | Doc. | Angus Index | Dom | Heavy Grain | Heavy Grass |
| | DIR | DTRS | GL | B Wt | 200 | 400 | 600 | MWt | Milk | SS | DC | C Wt | EMA | RIB | RUMP | RBY% | IMF% | | | | | | |
| EBV | +3.8 | +3.8 | -5.6 | +2.8 | +42 | +79 | +101 | +83 | +17 | +1.9 | -8 | +67 | +7 | +1.8 | +1 | +0.1 | +2 | -17 | +127 | +115 | +133 | +121 | |
| ACC% | 53% | 46% | 54% | 72% | 67% | 68% | 65% | 62% | 54% | 71% | 42% | 57% | 56% | 57% | 58% | 54% | 51% | 54% | | | | | |

Purchaser..... Price.....

Top 5% Top 10% Top 20%



SA 2020

SALE BULLS

29 HAZELDEAN P426 (APR) (AI) Born: 30/07/2018 Society Ident.: NHZP426

AMFU NHFU CAFU DDFU

ARDROSSAN EQUATOR NAQA241
Sire: HAZELDEAN JAIPUR J140
HAZELDEAN C33

HAZELDEAN BOOMTIME D931
Dam: HAZELDEAN G759
HAZELDEAN C982

| | | | | | | | | |
|---|---|---|---|---|---|--------|-------|--------|
| | | | | | | MUSCLE | TEMP. | SHEATH |
| 6 | 6 | 6 | 7 | 6 | 5 | C+ | 1 | 5 |

| ANGUS GROUP BREEDPLAN EBVS - DEC 2019 | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------------|--------------|------|-----|------|-------------------|-----|-----|-----|------|-----------|-----|------|---------|-----|------|------|------|-----|------|-------------|------|-------------|-------------|
| EBV | CALVING EASE | | | | GROWTH & MATERNAL | | | | | FERTILITY | | CWT | CARCASE | | | | | | Doc. | Angus Index | Dom | Heavy Grain | Heavy Grass |
| | DIR | DTRS | GL | B Wt | 200 | 400 | 600 | MWt | Milk | SS | DC | C Wt | EMA | RIB | RUMP | RBY% | IMF% | | | | | | |
| ACC% | 57% | 48% | 84% | 74% | 69% | 70% | 68% | 64% | 61% | 73% | 44% | 64% | 62% | 66% | 63% | 63% | 61% | 60% | +124 | +117 | +127 | +124 | |

Purchaser..... Price.....

30 HAZELDEAN P270 (APR) (AI) Born: 26/07/2018 Society Ident.: NHZP270

AMFU NHFU CAFU DDFU

ARDROSSAN EQUATOR NAQA241
Sire: HAZELDEAN JAIPUR J140
HAZELDEAN C33

AAR TEN X 7008 SA (ET)
Dam: HAZELDEAN K692
HAZELDEAN BANDO E420

| | | | | | | | | |
|---|---|---|---|---|---|--------|-------|--------|
| | | | | | | MUSCLE | TEMP. | SHEATH |
| 6 | 6 | 6 | 6 | 6 | 6 | C+ | 2 | 4 |

| ANGUS GROUP BREEDPLAN EBVS - DEC 2019 | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------------|--------------|------|-----|------|-------------------|-----|-----|-----|------|-----------|-----|------|---------|-----|------|------|------|-----|------|-------------|------|-------------|-------------|
| EBV | CALVING EASE | | | | GROWTH & MATERNAL | | | | | FERTILITY | | CWT | CARCASE | | | | | | Doc. | Angus Index | Dom | Heavy Grain | Heavy Grass |
| | DIR | DTRS | GL | B Wt | 200 | 400 | 600 | MWt | Milk | SS | DC | C Wt | EMA | RIB | RUMP | RBY% | IMF% | | | | | | |
| ACC% | 60% | 52% | 85% | 74% | 69% | 70% | 69% | 65% | 60% | 72% | 44% | 65% | 62% | 66% | 63% | 64% | 62% | 59% | +143 | +130 | +159 | +134 | |

Purchaser..... Price.....

31 HAZELDEAN P697 (APR) (AI) Born: 6/08/2018 Society Ident.: NHZP697

AMFU NHFU CAFU DDFU

BOOROOMOOKA UNDERTAKEN Y145 NGMY145
Sire: RENNYLEA EDMUND NORE11
LAWSONS HENRY VIII Y5(AI) VLYY5

TE MANIA BERKLEY VTMB1
Dam: HAZELDEAN H419
HAZELDEAN F639

| | | | | | | | | |
|---|---|---|---|---|---|--------|-------|--------|
| | | | | | | MUSCLE | TEMP. | SHEATH |
| 6 | 7 | 6 | 7 | 6 | 5 | C+ | 2 | 4 |

| ANGUS GROUP BREEDPLAN EBVS - DEC 2019 | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------------|--------------|------|-----|------|-------------------|-----|-----|-----|------|-----------|-----|------|---------|-----|------|------|------|-----|------|-------------|------|-------------|-------------|
| EBV | CALVING EASE | | | | GROWTH & MATERNAL | | | | | FERTILITY | | CWT | CARCASE | | | | | | Doc. | Angus Index | Dom | Heavy Grain | Heavy Grass |
| | DIR | DTRS | GL | B Wt | 200 | 400 | 600 | MWt | Milk | SS | DC | C Wt | EMA | RIB | RUMP | RBY% | IMF% | | | | | | |
| ACC% | 64% | 60% | 85% | 75% | 71% | 71% | 70% | 70% | 67% | 74% | 56% | 67% | 65% | 69% | 67% | 67% | 65% | 62% | +155 | +129 | +178 | +141 | |

Purchaser..... Price.....

| | | |
|--------|---------|---------|
| Top 5% | Top 10% | Top 20% |
|--------|---------|---------|



SA 2020

SALE BULLS

32 HAZELDEAN P423 (APR) (AI) Born: 30/07/2018 Society Ident.: NHZP423

AMFU NHFU CAFU DDFU

SITZ UPWARD 307R USA14963730
Sire: KOUFALS B&B IDENTITY
B&B ERICA 605

ARDROSSAN EQUATOR NAQA241
Dam: HAZELDEAN H376
HAZELDEAN F678

| | | | | | | | | |
|---|---|---|---|---|---|--------|-------|--------|
| | | | | | | MUSCLE | TEMP. | SHEATH |
| 5 | 6 | 5 | 6 | 5 | 5 | C+ | 2 | 5 |

| ANGUS GROUP BREEDPLAN EBVS - DEC 2019 | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------------|--------------|------|------|------|-------------------|-----|------|------|-----------|------|------|------|------|---------|------|------|------|------|------|-------------|------|-------------|-------------|
| ANGUS | CALVING EASE | | | | GROWTH & MATERNAL | | | | FERTILITY | | | | CWT | CARCASS | | | | | | Angus Index | Dom | Heavy Grain | Heavy Grass |
| | DIR | DTRS | GL | B Wt | 200 | 400 | 600 | MWt | Milk | SS | DC | C Wt | EMA | RIB | RUMP | RBY% | IMF% | Doc. | | | | | |
| EBV | -7.1 | -1.8 | -5.6 | +5.7 | +52 | +89 | +119 | +107 | +18 | +0.9 | -3.7 | +76 | +6.5 | -1.7 | -1.6 | +2.1 | +0.7 | -17 | +104 | +103 | +101 | +106 | |
| ACC% | 56% | 46% | 66% | 74% | 69% | 69% | 67% | 64% | 57% | 72% | 41% | 60% | 60% | 61% | 61% | 57% | 56% | 56% | | | | | |

Purchaser..... Price.....

33 HAZELDEAN P570 (APR) (AI) Born: 2/08/2018 Society Ident.: NHZP570

AMFU NHFU CAFU DDFU

ARDROSSAN EQUATOR NAQA241
Sire: HAZELDEAN JAIPUR J140
HAZELDEAN C33

LT 598 BANDO 9074
Dam: HAZELDEAN H408
HAZELDEAN F98

| | | | | | | | | |
|---|---|---|---|---|---|--------|-------|--------|
| | | | | | | MUSCLE | TEMP. | SHEATH |
| 5 | 5 | 5 | 6 | 5 | 5 | C+ | 2 | 4 |

| ANGUS GROUP BREEDPLAN EBVS - DEC 2019 | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------------|--------------|------|------|------|-------------------|-----|------|------|-----------|------|------|------|------|---------|------|------|------|------|------|-------------|------|-------------|-------------|
| ANGUS | CALVING EASE | | | | GROWTH & MATERNAL | | | | FERTILITY | | | | CWT | CARCASS | | | | | | Angus Index | Dom | Heavy Grain | Heavy Grass |
| | DIR | DTRS | GL | B Wt | 200 | 400 | 600 | MWt | Milk | SS | DC | C Wt | EMA | RIB | RUMP | RBY% | IMF% | Doc. | | | | | |
| EBV | +4 | +7.3 | -3.6 | +4.9 | +52 | +96 | +138 | +118 | +24 | +2.1 | -4.1 | +87 | +1.7 | -1.8 | -2.8 | +1 | +1.7 | +23 | +132 | +115 | +145 | +127 | |
| ACC% | 58% | 51% | 85% | 74% | 69% | 70% | 68% | 65% | 60% | 73% | 46% | 64% | 62% | 66% | 63% | 63% | 61% | 60% | | | | | |

Purchaser..... Price.....

34 HAZELDEAN P606 (APR) (AI) Born: 3/08/2018 Society Ident.: NHZP606

AMFU NHFU CAFU DDFU

ARDROSSAN EQUATOR NAQA241
Sire: HAZELDEAN JAIPUR J140
HAZELDEAN C33

TE MANIA BERKLEY VTMB1
Dam: HAZELDEAN H301
HAZELDEAN BANDO B578

| | | | | | | | | |
|---|---|---|---|---|---|--------|-------|--------|
| | | | | | | MUSCLE | TEMP. | SHEATH |
| 6 | 6 | 7 | 7 | 6 | 5 | C+ | 2 | 4 |

| ANGUS GROUP BREEDPLAN EBVS - DEC 2019 | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------------|--------------|-------|------|------|-------------------|-----|------|------|-----------|------|------|------|------|---------|------|------|------|------|------|-------------|------|-------------|-------------|
| ANGUS | CALVING EASE | | | | GROWTH & MATERNAL | | | | FERTILITY | | | | CWT | CARCASS | | | | | | Angus Index | Dom | Heavy Grain | Heavy Grass |
| | DIR | DTRS | GL | B Wt | 200 | 400 | 600 | MWt | Milk | SS | DC | C Wt | EMA | RIB | RUMP | RBY% | IMF% | Doc. | | | | | |
| EBV | +8.7 | +10.9 | -4.2 | +4.9 | +50 | +94 | +126 | +119 | +19 | +4.5 | -7.9 | +78 | +4.4 | +0.8 | +0.2 | +0.6 | +2.2 | +8 | +148 | +128 | +167 | +138 | |
| ACC% | 59% | 52% | 85% | 75% | 70% | 70% | 69% | 66% | 62% | 73% | 47% | 66% | 63% | 67% | 64% | 65% | 63% | 61% | | | | | |

Purchaser..... Price.....

| | | |
|--------|---------|---------|
| Top 5% | Top 10% | Top 20% |
|--------|---------|---------|



HAZELDEAN
LITCHFIELD

SA 2020

SALE BULLS

35 HAZELDEAN P585 (APR) (AI)

Born: 2/08/2018
Society Ident.: NHZP585

RENNYLEA EDMUND NORE11

BROKEN BOW USA16764044

Sire: ARDROSSAN JUSTICE NAQJ93

Dam: HAZELDEAN J818

ARDROSSAN EVERELDA AI(ET) NAQF6

HAZELDEAN G778

AMFU NHFU CAFU DDFU

| | | | | | | | | |
|---|---|---|---|---|---|--------|-------|--------|
| | | | | | | MUSCLE | TEMP. | SHEATH |
| 7 | 7 | 7 | 7 | 6 | 6 | C+ | 2 | 4 |

ANGUS GROUP BREEDPLAN EBVS - DEC 2019

| ANGUS | CALVING EASE | | | | GROWTH & MATERNAL | | | | FERTILITY | | CWT | CARCASE | | | | | | Angus Index | Dom | Heavy Grain | Heavy Grass | |
|-------|--------------|------|------|------|-------------------|-----|------|-----|-----------|------|------|---------|------|------|------|------|------|-------------|------|-------------|-------------|------|
| | DIR | DTRS | GL | B Wt | 200 | 400 | 600 | MWt | Milk | SS | DC | C Wt | EMA | RIB | RUMP | RBY% | IMF% | | | | | Doc. |
| EBV | +9.6 | +6.3 | -6.1 | +0.8 | +43 | +82 | +101 | +87 | +20 | +0.9 | -6.1 | +61 | +5.1 | +3.1 | +2 | -1.1 | +2.3 | +14 | +117 | +111 | +119 | +114 |
| ACC% | 56% | 46% | 85% | 74% | 69% | 69% | 68% | 64% | 57% | 72% | 39% | 59% | 59% | 59% | 59% | 55% | 55% | 58% | | | | |

Purchaser..... Price.....

36 HAZELDEAN P495 (APR) (AI)

Born: 31/07/2018
Society Ident.: NHZP495

RENNYLEA EDMUND NORE11

LAWSONS INVINCIBLE VLY C402

Sire: ARDROSSAN JUSTICE NAQJ93

Dam: HAZELDEAN G653

ARDROSSAN EVERELDA AI(ET) NAQF6

HAZELDEAN B887

AMFU NHFU CAFU DDFU

| | | | | | | | | |
|---|---|---|---|---|---|--------|-------|--------|
| | | | | | | MUSCLE | TEMP. | SHEATH |
| 6 | 6 | 5 | 6 | 5 | 5 | C+ | 2 | 4 |

ANGUS GROUP BREEDPLAN EBVS - DEC 2019

| ANGUS | CALVING EASE | | | | GROWTH & MATERNAL | | | | FERTILITY | | CWT | CARCASE | | | | | | Angus Index | Dom | Heavy Grain | Heavy Grass | |
|-------|--------------|------|------|------|-------------------|-----|-----|-----|-----------|------|------|---------|------|-----|------|------|------|-------------|------|-------------|-------------|------|
| | DIR | DTRS | GL | B Wt | 200 | 400 | 600 | MWt | Milk | SS | DC | C Wt | EMA | RIB | RUMP | RBY% | IMF% | | | | | Doc. |
| EBV | +3.8 | +0.8 | -3.4 | +3.4 | +38 | +72 | +90 | +83 | +13 | +1.2 | -7.1 | +59 | +7.9 | 0 | -1 | +0.4 | +2.6 | +21 | +118 | +110 | +132 | +110 |
| ACC% | 58% | 50% | 85% | 75% | 70% | 70% | 69% | 67% | 62% | 73% | 44% | 62% | 60% | 64% | 62% | 61% | 59% | 59% | | | | |

Purchaser..... Price.....

37 HAZELDEAN P374 (APR) (AI)

Born: 29/07/2018
Society Ident.: NHZP374

TE MANIA BERKLEY VTMB1

LAWSONS TANK VLY B1155

Sire: TE MANIA EMPEROR

Dam: HAZELDEAN J319

TE MANIA LOWAN Z74

HAZELDEAN F681

AMFU NHFU CAFU DDFU

| | | | | | | | | |
|---|---|---|---|---|---|--------|-------|--------|
| | | | | | | MUSCLE | TEMP. | SHEATH |
| 6 | 6 | 5 | 5 | 5 | 5 | C+ | 2 | 5 |

ANGUS GROUP BREEDPLAN EBVS - DEC 2019

| ANGUS | CALVING EASE | | | | GROWTH & MATERNAL | | | | FERTILITY | | CWT | CARCASE | | | | | | Angus Index | Dom | Heavy Grain | Heavy Grass | |
|-------|--------------|------|------|------|-------------------|-----|------|------|-----------|------|-----|---------|------|------|------|------|------|-------------|------|-------------|-------------|------|
| | DIR | DTRS | GL | B Wt | 200 | 400 | 600 | MWt | Milk | SS | DC | C Wt | EMA | RIB | RUMP | RBY% | IMF% | | | | | Doc. |
| EBV | +8.9 | +4.9 | -7.3 | +3.3 | +47 | +90 | +122 | +134 | +17 | +3.4 | -5 | +69 | +6.3 | -0.5 | -2.4 | +0.9 | +3.6 | -8 | +144 | +123 | +176 | +128 |
| ACC% | 63% | 59% | 84% | 75% | 69% | 69% | 70% | 70% | 66% | 70% | 55% | 67% | 65% | 69% | 67% | 67% | 65% | 61% | | | | |

Purchaser..... Price.....

Top 5% Top 10% Top 20%



HAZELDEAN
LITCHFIELD

SA 2020

SALE BULLS

38 HAZELDEAN P155 (APR)

Born: 28/08/2018
Society Ident.: NHZP155

AMFU NHFU CAC DDFU

HAZELDEAN JAIPUR J140
Sire: HAZELDEAN M244
HAZELDEAN K735

MATAURI REALITY 839 14647008839
Dam: HAZELDEAN K126
HAZELDEAN B271

| | | | | | | | | |
|---|---|---|---|---|---|--------|-------|--------|
| | | | | | | MUSCLE | TEMP. | SHEATH |
| 6 | 6 | 6 | 7 | 6 | 5 | C+ | 2 | 5 |

ANGUS GROUP BREEDPLAN EBVS - DEC 2019

| ANGUS | CALVING EASE | | | | GROWTH & MATERNAL | | | | | FERTILITY | | CWT | CARCASE | | | | | | Angus Index | Dom | Heavy Grain | Heavy Grass |
|-------|--------------|------|------|------|-------------------|------|------|------|------|-----------|-----|------|---------|------|------|------|------|------|-------------|------|-------------|-------------|
| | DIR | DTRS | GL | B Wt | 200 | 400 | 600 | MWt | Milk | SS | DC | C Wt | EMA | RIB | RUMP | RBY% | IMF% | Doc. | | | | |
| EBV | +2.1 | +8.1 | -5.3 | +5.5 | +57 | +104 | +142 | +144 | +17 | +2.4 | -7 | +87 | +5.4 | +0.9 | -0.2 | +0.6 | +0.9 | +11 | +139 | +121 | +146 | +135 |
| ACC% | 51% | 44% | 57% | 71% | 65% | 66% | 63% | 59% | 53% | 70% | 36% | 57% | 52% | 58% | 55% | 55% | 52% | 51% | | | | |

Purchaser..... Price.....

39 HAZELDEAN P604 (HBR) (AI)

Born: 3/08/2018
Society Ident.: NHZP604

AMC NHFU CAFU DDF

ARDROSSAN EQUATOR NAQA241
Sire: HAZELDEAN JAIPUR J140
HAZELDEAN C33

TE MANIA AFRICA VTM A217
Dam: HAZELDEAN G306
HAZELDEAN FUTURA A930

| | | | | | | | | |
|---|---|---|---|---|---|--------|-------|--------|
| | | | | | | MUSCLE | TEMP. | SHEATH |
| 6 | 5 | 6 | 6 | 5 | 6 | C+ | 1 | 4 |

ANGUS GROUP BREEDPLAN EBVS - DEC 2019

| ANGUS | CALVING EASE | | | | GROWTH & MATERNAL | | | | | FERTILITY | | CWT | CARCASE | | | | | | Angus Index | Dom | Heavy Grain | Heavy Grass |
|-------|--------------|------|------|------|-------------------|-----|------|------|------|-----------|------|------|---------|-----|------|------|------|------|-------------|------|-------------|-------------|
| | DIR | DTRS | GL | B Wt | 200 | 400 | 600 | MWt | Milk | SS | DC | C Wt | EMA | RIB | RUMP | RBY% | IMF% | Doc. | | | | |
| EBV | +2.9 | +7.7 | -4.4 | +6.1 | +51 | +95 | +141 | +147 | +22 | +3.1 | -4.9 | +80 | +3 | -1 | -0.8 | +0.8 | +1.8 | +27 | +137 | +113 | +154 | +130 |
| ACC% | 58% | 51% | 85% | 75% | 70% | 70% | 69% | 66% | 62% | 73% | 47% | 65% | 63% | 67% | 63% | 65% | 62% | 60% | | | | |

Purchaser..... Price.....

40 HAZELDEAN P867 (APR) (AI)

Born: 14/08/2018
Society Ident.: NHZP867

AMFU NHFU CAFU DDC

CONNELLY IMPRESSION
Sire: MAR INNOVATION 251 USA16983331
MAR FINAL KAHUNA 856

HAZELDEAN HERT H30
Dam: HAZELDEAN K1069
HAZELDEAN G376

| | | | | | | | | |
|---|---|---|---|---|---|--------|-------|--------|
| | | | | | | MUSCLE | TEMP. | SHEATH |
| 7 | 6 | 7 | 7 | 5 | 6 | C+ | 2 | 5 |

ANGUS GROUP BREEDPLAN EBVS - DEC 2019

| ANGUS | CALVING EASE | | | | GROWTH & MATERNAL | | | | | FERTILITY | | CWT | CARCASE | | | | | | Angus Index | Dom | Heavy Grain | Heavy Grass |
|-------|--------------|------|-----|------|-------------------|-----|------|-----|------|-----------|------|------|---------|-----|------|------|------|------|-------------|------|-------------|-------------|
| | DIR | DTRS | GL | B Wt | 200 | 400 | 600 | MWt | Milk | SS | DC | C Wt | EMA | RIB | RUMP | RBY% | IMF% | Doc. | | | | |
| EBV | -1.8 | +3.4 | -5 | +5.1 | +51 | +89 | +111 | +86 | +16 | +3.2 | -7.1 | +66 | +9.4 | 0 | -0.7 | +1.7 | +2 | +15 | +135 | +125 | +145 | +128 |
| ACC% | 56% | 45% | 84% | 74% | 68% | 68% | 66% | 61% | 58% | 71% | 35% | 59% | 57% | 60% | 58% | 56% | 56% | 56% | | | | |

Purchaser..... Price.....

Top 5% Top 10% Top 20%



HAZELDEAN
LITCHFIELD

SA 2020

SALE BULLS

41 HAZELDEAN P569 (APR) (AI)

Born: 2/08/2018
Society Ident.: NHZP569

AMFU NHFU CAFU DDFU

ARDROSSAN EQUATOR NAQA241
Sire: **HAZELDEAN JAIPUR J140**
HAZELDEAN C33

HAZELDEAN NEW DESIGN D1052
Dam: **HAZELDEAN G649**
HAZELDEAN A782

| | | | | | | | | |
|---|---|---|---|---|---|--------|-------|--------|
| | | | | | | MUSCLE | TEMP. | SHEATH |
| 6 | 6 | 6 | 6 | 4 | 5 | C+ | 2 | 3 |

ANGUS GROUP BREEDPLAN EBVS - DEC 2019

| ANGUS | CALVING EASE | | | | GROWTH & MATERNAL | | | | FERTILITY | | CWT | CARCASE | | | | | | Angus Index | Dom | Heavy Grain | Heavy Grass | |
|-------|--------------|------|------|------|-------------------|-----|-----|-----|-----------|------|------|---------|-----|------|------|------|------|-------------|------|-------------|-------------|------|
| | DIR | DTRS | GL | B Wt | 200 | 400 | 600 | MWt | Milk | SS | DC | C Wt | EMA | RIB | RUMP | RBY% | IMF% | | | | | Doc. |
| EBV | +3.1 | +8.8 | -6.1 | +4.3 | +40 | +72 | +99 | +76 | +18 | +2.8 | -5.7 | +62 | +5 | -0.6 | -0.2 | +1.5 | +1.3 | +13 | +117 | +110 | +119 | +115 |
| ACC% | 57% | 48% | 84% | 74% | 69% | 70% | 69% | 66% | 62% | 72% | 44% | 65% | 61% | 66% | 63% | 63% | 61% | 59% | | | | |

Purchaser..... Price.....

42 HAZELDEAN P938 (APR)

Born: 17/08/2018
Society Ident.: NHZP938

AMFU NHFU CAFU DDFU

RENNYLEA EDMUND NORE11
Sire: **HAZELDEAN LANCASHIRE L612**
HAZELDEAN F373

LT 598 BANDO 9074
Dam: **HAZELDEAN E500**
HAZELDEAN V657

| | | | | | | | | |
|---|---|---|---|---|---|--------|-------|--------|
| | | | | | | MUSCLE | TEMP. | SHEATH |
| 6 | 5 | 5 | 5 | 4 | 5 | B- | 2 | 5 |

ANGUS GROUP BREEDPLAN EBVS - DEC 2019

| ANGUS | CALVING EASE | | | | GROWTH & MATERNAL | | | | FERTILITY | | CWT | CARCASE | | | | | | Angus Index | Dom | Heavy Grain | Heavy Grass | |
|-------|--------------|------|------|------|-------------------|------|------|------|-----------|------|------|---------|------|------|------|------|------|-------------|------|-------------|-------------|------|
| | DIR | DTRS | GL | B Wt | 200 | 400 | 600 | MWt | Milk | SS | DC | C Wt | EMA | RIB | RUMP | RBY% | IMF% | | | | | Doc. |
| EBV | +2.1 | -3.9 | -3.6 | +5.1 | +54 | +100 | +134 | +111 | +16 | +3.7 | -7.3 | +81 | +2.4 | +0.8 | -0.4 | +0.4 | +1.4 | +24 | +134 | +118 | +142 | +129 |
| ACC% | 54% | 48% | 62% | 72% | 66% | 67% | 64% | 61% | 57% | 70% | 44% | 58% | 54% | 59% | 57% | 56% | 54% | 53% | | | | |

Purchaser..... Price.....

43 HAZELDEAN P1006 (APR)

Born: 21/08/2018
Society Ident.: NHZP1006

AMFU NHFU CAFU DDF

EF COMPLEMENT 8088
Sire: **MILLWILLAH COMPLEMENT NJWK108**
MILLWILLAH MITTAGONG H257

LAWSONS DINKY DI VLYZ191
Dam: **HAZELDEAN G455**
HAZELDEAN E565

| | | | | | | | | |
|---|---|---|---|---|---|--------|-------|--------|
| | | | | | | MUSCLE | TEMP. | SHEATH |
| 6 | 6 | 6 | 7 | 5 | 6 | C+ | 2 | 4 |

ANGUS GROUP BREEDPLAN EBVS - DEC 2019

| ANGUS | CALVING EASE | | | | GROWTH & MATERNAL | | | | FERTILITY | | CWT | CARCASE | | | | | | Angus Index | Dom | Heavy Grain | Heavy Grass | |
|-------|--------------|------|------|------|-------------------|-----|------|------|-----------|------|------|---------|------|------|------|------|------|-------------|------|-------------|-------------|------|
| | DIR | DTRS | GL | B Wt | 200 | 400 | 600 | MWt | Milk | SS | DC | C Wt | EMA | RIB | RUMP | RBY% | IMF% | | | | | Doc. |
| EBV | +4.2 | +2.9 | -4.2 | +5.9 | +50 | +88 | +118 | +113 | +19 | +2.6 | -8.7 | +66 | +4.1 | -0.5 | -0.1 | +0.7 | +1.6 | -19 | +133 | +117 | +143 | +125 |
| ACC% | 56% | 49% | 66% | 74% | 69% | 70% | 67% | 63% | 58% | 72% | 42% | 60% | 58% | 62% | 60% | 59% | 57% | 59% | | | | |

Purchaser..... Price.....

Top 5% Top 10% Top 20%



SA 2020

SALE BULLS

44 HAZELDEAN P34 (HBR) (AI) Born: 29/07/2018 Society Ident.: NHZP34

RENNYLEA EDMUND NORE11

SAF 598 BANDO 5175

Sire: **ARDROSSAN JUSTICE NAQJ93**
ARDROSSAN EVERELDA AI(ET) NAQF6

Dam: **HAZELDEAN D45**
HAZELDEAN RENAISSANCE X5

AMFU NHFU CAFU DDFU

| | | | | | | | | |
|---|---|---|---|---|---|--------|-------|--------|
| | | | | | | MUSCLE | TEMP. | SHEATH |
| 6 | 6 | 6 | 6 | 6 | 6 | C+ | 1 | 3 |

| ANGUS GROUP BREEDPLAN EBVS - DEC 2019 | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------------|--------------|------|-----|------|-------------------|-----|-----|-----|------|-----------|-----|------|---------|-----|------|------|------|-----|------|-------------|------|-------------|-------------|
| EBV | CALVING EASE | | | | GROWTH & MATERNAL | | | | | FERTILITY | | CWT | CARCASE | | | | | | Doc. | Angus Index | Dom | Heavy Grain | Heavy Grass |
| | DIR | DTRS | GL | B Wt | 200 | 400 | 600 | MWt | Milk | SS | DC | C Wt | EMA | RIB | RUMP | RBY% | IMF% | | | | | | |
| ACC% | 58% | 51% | 85% | 75% | 70% | 70% | 68% | 65% | 62% | 72% | 44% | 62% | 60% | 64% | 62% | 60% | 59% | 60% | +122 | +114 | +134 | +115 | |

Purchaser..... Price.....

45 HAZELDEAN P628 (APR) (AI) Born: 4/08/2018 Society Ident.: NHZP628

BASIN FRANCHISE P142

HAZELDEAN EXCELSIOR E730

Sire: **EF COMPLEMENT 8088** Dam: **HAZELDEAN EXCELSIOR G1616**
EF EVERELDA ENTENSE 6117 HAZELDEAN A784

AMFU NHFU CAFU DDFU

| | | | | | | | | |
|---|---|---|---|---|---|--------|-------|--------|
| | | | | | | MUSCLE | TEMP. | SHEATH |
| 6 | 6 | 6 | 6 | 5 | 6 | C | 2 | 5 |

| ANGUS GROUP BREEDPLAN EBVS - DEC 2019 | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------------|--------------|------|-----|------|-------------------|-----|-----|-----|------|-----------|-----|------|---------|-----|------|------|------|-----|------|-------------|------|-------------|-------------|
| EBV | CALVING EASE | | | | GROWTH & MATERNAL | | | | | FERTILITY | | CWT | CARCASE | | | | | | Doc. | Angus Index | Dom | Heavy Grain | Heavy Grass |
| | DIR | DTRS | GL | B Wt | 200 | 400 | 600 | MWt | Milk | SS | DC | C Wt | EMA | RIB | RUMP | RBY% | IMF% | | | | | | |
| ACC% | 60% | 52% | 84% | 74% | 69% | 70% | 68% | 66% | 63% | 72% | 44% | 62% | 61% | 61% | 62% | 58% | 56% | 59% | +120 | +110 | +117 | +120 | |

Purchaser..... Price.....

46 HAZELDEAN P965 (APR) (AI) Born: 19/08/2018 Society Ident.: NHZP965

SYDGEN BLACK PEARL 2006

HAZELDEAN FERRYMAN F909

Sire: **HAZELDEAN M701**
HAZELDEAN H466

Dam: **HAZELDEAN H1269**
HAZELDEAN F924

AMFU NHFU CAFU DDFU

| | | | | | | | | |
|---|---|---|---|---|---|--------|-------|--------|
| | | | | | | MUSCLE | TEMP. | SHEATH |
| 6 | 6 | 6 | 6 | 5 | 5 | C | 1 | 5 |

| ANGUS GROUP BREEDPLAN EBVS - DEC 2019 | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------------|--------------|------|-----|------|-------------------|-----|-----|-----|------|-----------|-----|------|---------|-----|------|------|------|-----|------|-------------|------|-------------|-------------|
| EBV | CALVING EASE | | | | GROWTH & MATERNAL | | | | | FERTILITY | | CWT | CARCASE | | | | | | Doc. | Angus Index | Dom | Heavy Grain | Heavy Grass |
| | DIR | DTRS | GL | B Wt | 200 | 400 | 600 | MWt | Milk | SS | DC | C Wt | EMA | RIB | RUMP | RBY% | IMF% | | | | | | |
| ACC% | 50% | 39% | 83% | 71% | 65% | 65% | 63% | 60% | 50% | 69% | 35% | 54% | 53% | 54% | 55% | 50% | 47% | 47% | +120 | +113 | +127 | +117 | |

Purchaser..... Price.....

Top 5% Top 10% Top 20%



SA 2020

SALE BULLS

47 HAZELDEAN P1176 (APR) Born: 4/09/2018 Society Ident.: NHZP1176

BOWMONT JACKPOT SRKJ310
Sire: HAZELDEAN M737
HAZELDEAN G502

LEACHMAN BOOMTIME USA13361440
Dam: HAZELDEAN E559
HAZELDEAN A913

AMFU NHFU CAFU DDFU

| | | | | | | | | |
|---|---|---|---|---|---|--------|-------|--------|
| | | | | | | MUSCLE | TEMP. | SHEATH |
| 7 | 6 | 6 | 6 | 6 | 6 | C+ | 2 | 5 |

| ANGUS GROUP BREEDPLAN EBVS - DEC 2019 | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------------|--------------|------|------|------|-------------------|-----|------|------|-----------|------|------|---------|------|------|------|------|------|------|-------------|------|-------------|-------------|--|
| ANGUS | CALVING EASE | | | | GROWTH & MATERNAL | | | | FERTILITY | | CWT | CARCASS | | | | | | Doc. | Angus Index | Dom | Heavy Grain | Heavy Grass | |
| | DIR | DTRS | GL | B Wt | 200 | 400 | 600 | MWt | Milk | SS | DC | C Wt | EMA | RIB | RUMP | RBY% | IMF% | | | | | | |
| EBV | -8.5 | -1.4 | -1.8 | +5.9 | +54 | +92 | +126 | +100 | +20 | +4.6 | -5.6 | +73 | +6.3 | +0.2 | -0.1 | +1.1 | +1.3 | +7 | +115 | +104 | +117 | +114 | |
| ACC% | 51% | 43% | 57% | 71% | 65% | 66% | 64% | 60% | 52% | 70% | 39% | 55% | 54% | 55% | 56% | 52% | 49% | 50% | | | | | |

Purchaser..... Price.....

48 HAZELDEAN P139 (HBR) (AI) Born: 17/08/2018 Society Ident.: NHZP139

ARDROSSAN EQUATOR NAQA241
Sire: HAZELDEAN JAIPUR J140
HAZELDEAN C33

TC TOTAL 410 USA14844711.
Dam: HAZELDEAN H4
HAZELDEAN A90

AMFU NHFU CAFU DDFU

| | | | | | | | | |
|---|---|---|---|---|---|--------|-------|--------|
| | | | | | | MUSCLE | TEMP. | SHEATH |
| 6 | 5 | 6 | 6 | 5 | 6 | C+ | 1 | 4 |

| ANGUS GROUP BREEDPLAN EBVS - DEC 2019 | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------------|--------------|------|------|------|-------------------|-----|------|------|-----------|------|------|---------|-----|------|------|------|------|------|-------------|------|-------------|-------------|--|
| ANGUS | CALVING EASE | | | | GROWTH & MATERNAL | | | | FERTILITY | | CWT | CARCASS | | | | | | Doc. | Angus Index | Dom | Heavy Grain | Heavy Grass | |
| | DIR | DTRS | GL | B Wt | 200 | 400 | 600 | MWt | Milk | SS | DC | C Wt | EMA | RIB | RUMP | RBY% | IMF% | | | | | | |
| EBV | +3.8 | +8.6 | -1.8 | +3.3 | +50 | +90 | +130 | +132 | +22 | +2.9 | -3.6 | +77 | +5 | -2.3 | -4.2 | +1.7 | +1.8 | +43 | +127 | +113 | +142 | +121 | |
| ACC% | 58% | 50% | 84% | 74% | 70% | 70% | 69% | 67% | 62% | 73% | 46% | 65% | 63% | 67% | 64% | 64% | 62% | 60% | | | | | |

Purchaser..... Price.....

49 HAZELDEAN P984 (APR) Born: 20/08/2018 Society Ident.: NHZP984

RENNYLEA EDMUND NORE11
Sire: HAZELDEAN KIBBITZ K553
HAZELDEAN H434

TC TOTAL 410 USA14844711.
Dam: HAZELDEAN H1600
HAZELDEAN A503

AMFU NHFU CAFU DDFU

| | | | | | | | | |
|---|---|---|---|---|---|--------|-------|--------|
| | | | | | | MUSCLE | TEMP. | SHEATH |
| 6 | 6 | 6 | 7 | 6 | 5 | C+ | 2 | 4 |

| ANGUS GROUP BREEDPLAN EBVS - DEC 2019 | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------------|--------------|------|------|------|-------------------|-----|-----|-----|-----------|------|------|---------|------|------|------|------|------|------|-------------|------|-------------|-------------|--|
| ANGUS | CALVING EASE | | | | GROWTH & MATERNAL | | | | FERTILITY | | CWT | CARCASS | | | | | | Doc. | Angus Index | Dom | Heavy Grain | Heavy Grass | |
| | DIR | DTRS | GL | B Wt | 200 | 400 | 600 | MWt | Milk | SS | DC | C Wt | EMA | RIB | RUMP | RBY% | IMF% | | | | | | |
| EBV | +9.4 | +3.9 | -4.5 | +1.5 | +44 | +77 | +99 | +98 | +17 | +1.5 | -4.6 | +53 | +7.1 | +0.3 | -0.2 | +0.9 | +1.1 | +9 | +106 | +107 | +101 | +108 | |
| ACC% | 53% | 47% | 59% | 72% | 66% | 67% | 63% | 62% | 55% | 69% | 41% | 58% | 54% | 59% | 56% | 56% | 53% | 51% | | | | | |

Purchaser..... Price.....

| | | |
|--------|---------|---------|
| Top 5% | Top 10% | Top 20% |
|--------|---------|---------|



SA 2020

SALE BULLS

50 HAZELDEAN P101 (HBR) (AI) Born: 7/08/2018 Society Ident.: NHZP101

AMFU NHFU CAFU DDFU

SITZ UPWARD 307R USA14963730

LAWSONS INVINCIBLE VLY C402

| | | | | | | | | |
|---|---|---|---|---|---|--------|-------|--------|
| | | | | | | MUSCLE | TEMP. | SHEATH |
| 6 | 6 | 6 | 6 | 6 | 6 | C+ | 2 | 4 |

Sire: KOUFALS B&B IDENTITY
B&B ERICA 605

Dam: HAZELDEAN J44
HAZELDEAN B357

| ANGUS GROUP BREEDPLAN EBVS - DEC 2019 | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------------|--------------|------|-----|------|-------------------|-----|-----|-----|------|-----------|-----|------|---------|-----|------|------|------|-----|------|-------------|------|-------------|-------------|
| EBV | CALVING EASE | | | | GROWTH & MATERNAL | | | | | FERTILITY | | CWT | CARCASS | | | | | | Doc. | Angus Index | Dom | Heavy Grain | Heavy Grass |
| | DIR | DTRS | GL | B Wt | 200 | 400 | 600 | MWt | Milk | SS | DC | C Wt | EMA | RIB | RUMP | RBY% | IMF% | | | | | | |
| ACC% | 57% | 49% | 85% | 74% | 68% | 69% | 67% | 65% | 60% | 70% | 41% | 61% | 60% | 63% | 60% | 60% | 59% | 56% | +134 | +119 | +153 | +125 | |

Purchaser..... Price.....

51 HAZELDEAN P724 (APR) (AI) Born: 6/08/2018 Society Ident.: NHZP724

AMFU NHFU CAFU DDF

ARDROSSAN EQUATOR NAQA241

RENNYLEA NORF42

| | | | | | | | | |
|---|---|---|---|---|---|--------|-------|--------|
| | | | | | | MUSCLE | TEMP. | SHEATH |
| 5 | 6 | 6 | 6 | 5 | 5 | C+ | 2 | 5 |

Sire: HAZELDEAN JAIPUR J140
HAZELDEAN C33

Dam: HAZELDEAN H878
HAZELDEAN CATALYST E102

| ANGUS GROUP BREEDPLAN EBVS - DEC 2019 | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------------|--------------|------|-----|------|-------------------|-----|-----|-----|------|-----------|-----|------|---------|-----|------|------|------|-----|------|-------------|------|-------------|-------------|
| EBV | CALVING EASE | | | | GROWTH & MATERNAL | | | | | FERTILITY | | CWT | CARCASS | | | | | | Doc. | Angus Index | Dom | Heavy Grain | Heavy Grass |
| | DIR | DTRS | GL | B Wt | 200 | 400 | 600 | MWt | Milk | SS | DC | C Wt | EMA | RIB | RUMP | RBY% | IMF% | | | | | | |
| ACC% | 57% | 48% | 84% | 74% | 69% | 70% | 69% | 66% | 61% | 73% | 43% | 64% | 62% | 66% | 63% | 63% | 61% | 59% | +112 | +100 | +112 | +112 | |

Purchaser..... Price.....

52 HAZELDEAN P1008 (APR) Born: 21/08/2018 Society Ident.: NHZP1008

AMFU NHFU CAFU DD50%

RENNYLEA EDMUND NORE11

RENNYLEA NORF42

| | | | | | | | | |
|---|---|---|---|---|---|--------|-------|--------|
| | | | | | | MUSCLE | TEMP. | SHEATH |
| 6 | 6 | 7 | 7 | 5 | 5 | C+ | 2 | 5 |

Sire: HAZELDEAN LEAF L38
HAZELDEAN J87

Dam: HAZELDEAN H481
HAZELDEAN E79

| ANGUS GROUP BREEDPLAN EBVS - DEC 2019 | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------------|--------------|------|-----|------|-------------------|-----|-----|-----|------|-----------|-----|------|---------|-----|------|------|------|-----|------|-------------|------|-------------|-------------|
| EBV | CALVING EASE | | | | GROWTH & MATERNAL | | | | | FERTILITY | | CWT | CARCASS | | | | | | Doc. | Angus Index | Dom | Heavy Grain | Heavy Grass |
| | DIR | DTRS | GL | B Wt | 200 | 400 | 600 | MWt | Milk | SS | DC | C Wt | EMA | RIB | RUMP | RBY% | IMF% | | | | | | |
| ACC% | 52% | 43% | 51% | 73% | 67% | 67% | 65% | 62% | 52% | 70% | 38% | 56% | 54% | 55% | 56% | 52% | 49% | 54% | +147 | +128 | +157 | +139 | |

Purchaser..... Price.....

Top 5% Top 10% Top 20%



SA 2020

SALE BULLS

53 HAZELDEAN P1076 (APR) Born: 25/08/2018
Society Ident.: NHZP1076

RENNYLEA EDMUND NORE11

RENNYLEA NORC574

Sire: HAZELDEAN LEAF L38

Dam: HAZELDEAN H632

HAZELDEAN J87

HAZELDEAN SANDY Y533

| | | | | | | | | |
|---|---|---|---|---|---|--------|-------|--------|
| | | | | | | MUSCLE | TEMP. | SHEATH |
| 6 | 6 | 6 | 6 | 6 | 5 | C+ | 2 | 4 |

AMFU NHFU CAFU DDFU

| ANGUS GROUP BREEDPLAN EBVS - DEC 2019 | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------------|--------------|------|------|------|-------------------|-----|------|-----|------|-----------|------|------|---------|-----|------|------|------|-----|------|-------------|------|-------------|-------------|
| ANGUS | CALVING EASE | | | | GROWTH & MATERNAL | | | | | FERTILITY | | CWT | CARCASS | | | | | | Doc. | Angus Index | Dom | Heavy Grain | Heavy Grass |
| | DIR | DTRS | GL | B Wt | 200 | 400 | 600 | MWt | Milk | SS | DC | C Wt | EMA | RIB | RUMP | RBY% | IMF% | | | | | | |
| EBV | +1.9 | +3.9 | -4.4 | +4.1 | +43 | +79 | +102 | +84 | +16 | +1.1 | -8.1 | +63 | +5.2 | +2 | +1 | -0.2 | +2.1 | +9 | +123 | +111 | +131 | +117 | |
| ACC% | 52% | 47% | 57% | 72% | 66% | 67% | 64% | 61% | 53% | 71% | 41% | 56% | 55% | 56% | 57% | 53% | 50% | 54% | | | | | |

Purchaser..... Price.....

54 HAZELDEAN P1098 (APR) Born: 27/08/2018
Society Ident.: NHZP1098

RENNYLEA EDMUND NORE11

TE MANIA AFRICA VTM A217

Sire: HAZELDEAN LEAF L38

Dam: HAZELDEAN G571

HAZELDEAN J87

HAZELDEAN B1043

| | | | | | | | | |
|---|---|---|---|---|---|--------|-------|--------|
| | | | | | | MUSCLE | TEMP. | SHEATH |
| 6 | 6 | 6 | 6 | 5 | 5 | C | 2 | 4 |

AMFU NHFU CAFU DD50%

| ANGUS GROUP BREEDPLAN EBVS - DEC 2019 | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------------|--------------|------|-----|------|-------------------|-----|------|-----|------|-----------|-----|------|---------|------|------|------|------|-----|------|-------------|------|-------------|-------------|
| ANGUS | CALVING EASE | | | | GROWTH & MATERNAL | | | | | FERTILITY | | CWT | CARCASS | | | | | | Doc. | Angus Index | Dom | Heavy Grain | Heavy Grass |
| | DIR | DTRS | GL | B Wt | 200 | 400 | 600 | MWt | Milk | SS | DC | C Wt | EMA | RIB | RUMP | RBY% | IMF% | | | | | | |
| EBV | +2.8 | +1.7 | -5 | +4.3 | +43 | +82 | +110 | +93 | +19 | +2.6 | -7 | +55 | +6.9 | +0.1 | -0.1 | +0.7 | +2.6 | +6 | +135 | +118 | +152 | +125 | |
| ACC% | 52% | 45% | 57% | 72% | 66% | 67% | 65% | 61% | 53% | 71% | 41% | 56% | 55% | 56% | 57% | 53% | 50% | 54% | | | | | |

Purchaser..... Price.....

Top 5% Top 10% Top 20%



Hazeldean Semen Terms & Conditions

Hazeldean retains semen rights on all bulls unless otherwise agreed upon.

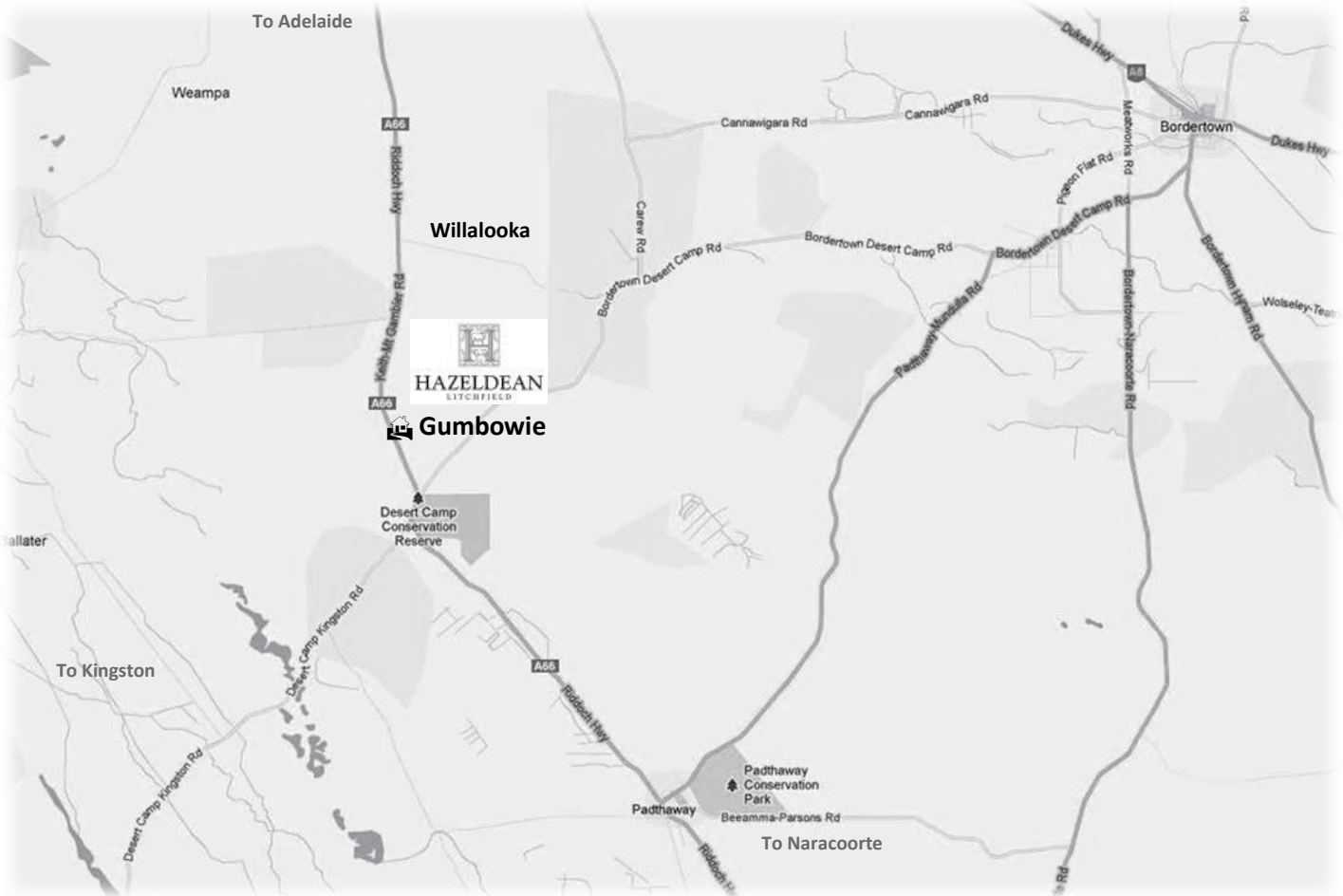
- 1 The buyer may use bulls only:
 - To naturally service stock owned by the buyer, or
 - To collect semen for use in stock owned by the buyerAnd will not dispose of, or advertise the disposal of semen or semen rights from any bull to any other party.
- 2 Hazeldean retains the right to collect and market semen from any bull sold either at the buyer's premises or by transporting the bulls to a registered artificial insemination facility on the basis:
 - That Hazeldean will consult with the buyer and ensure that such collection of semen by Hazeldean will take place at a time which will not unreasonably interfere with the use of the bull/s by the buyer
 - Hazeldean will pay all costs of such collection: and
 - Hazeldean will indemnify the buyer in respect of any injury or damage to such bull during the collection process or while the bull is in Hazeldean's possession.
- 3 The semen rights terms bind any successor in title to the buyer, and any person in possession of bulls purchased from Hazeldean.
- 4 The buyer will not dispose of or part with possession of any bull the subject of the semen rights terms unless the party to whom disposal is to be made or to whom possession is to be given first, signs a document accepting the semen terms accrue for the benefit of Hazeldean, and Hazeldean can enforce the semen rights terms.
- 5 The buyer acknowledges:
 - That the physical transfer of bulls from Hazeldean to the buyer is an act that accepts the semen rights terms;
 - That the bulls subject to the semen rights terms are adequately described in the documents of sale, which includes any sale or auction information;
 - That Hazeldean may register the interest created by the semen rights terms pursuant to the Personal Property Securities Act 2009 of the Commonwealth;
 - That Hazeldean may take possession of the bull dealt with in any way that contravenes the semen rights terms;
 - That the buyer, and any successor in title to the buyer and any person to whom the buyer passes possession of the bull will be liable jointly and individually for the reasonable expenses of Hazeldean under the semen rights terms, any reasonable expenses in enforcing those terms.





HAZELDEAN
LITCHFIELD

How to find us



Bushman's Arms Hotel
20 Robertson Street, Naracoorte
☎ 08 8762 2100

Naracoorte Hotel-Motel
73 Ormerod Street, Naracoorte
☎ 08 8762 2400

Country Roads Motor Inn
20 Smith Street, Naracoorte
☎ 08 8762 3900

Golden Chain Lacedpede Bay Motel
Kingston S.E.
☎ 08 8767 2444

Comfort Inn Kingston
Kingston S.E.
☎ 08 8767 2322

Willalooka Store and Tavern Motel Units
Your hosts Andrew & Mandy Crawford
☎ 08 8757 8242 ☎ 08 8757 8206

Keith Motor Inn
Dukes Hwy, Keith
☎ 08 8755 1500

Keith Hotel/Motel
2 Makin Street, Keith
☎ 08 8755 1122



Proven Genetic Power

www.hazeldean.com.au



HAZELDEAN LITCHFIELD EST 1865





HAZELDEAN
LITCHFIELD
EST 1865

Jim Litchfield

02 6453 5555 m: 0417 676 561

Guy Cunningham

08 8757 8222 m: 0429 875 422

Bea Litchfield

m: 0427 933 103

Ed Bradley

m: 0421 298 546

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