HAZELDEAN

LITCHFIELD

EST 1865

Hazeldean Autumn Bull Sale

50 Performance Bulls

Thursday, May 2nd
Hazeldean, Cooma, NSW

2019

www.hazeldean.com.au

Hazeldean Autumn Bull Sale 2019

Featuring sons of:

- Hazeldean F1023 Australia's highest marbling sire at +6.1 for IMF, top 1% for heavy grain index & excellent feet & structure.
- Hazeldean Katzen top 1% for all indexes, low birth, highly fertile
- Hazeldean Jaipur "the foot fixer" and all round balanced EBV's
- Plus sons of latest trait leading sires

Dinner the night prior to the sale – if you are staying in Cooma the night before the sale please join us for dinner at the Alpine Hotel.
Contact Jenni in our office: admin@hazeldean.com.au 02 64535555

Hazeldean Autumn Bull Sale 2019

50 Angus Bulls

Interfaced with Auctionsplus

Thursday 2nd May
Hazeldean, Cooma
Commencing at 1pm
Inspection from 9.00am on sale day or any other time by arrangement

Account: Hazeldean Pty Ltd
ACN 000 012 760
ABN 33 000 012 760 Follow us on

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Selling Agents:
Elders: Steve Ridley: 0407 483 108
Auctioneer: Paul Dooley

Phone Bidding:
Contact Steve Ridley: 0407 483 108

Bull Deliveries
Ed Bradley: 0412 298 546

Bull Deliveries
Within 100km of the sale venue, Hazeldean will deliver bulls free of charge to the purchaser's property. Between 101km and 1000km bulls will be delivered free to the nearest major centre.
(See insurance on Pg. 5)

Catering
A complimentary barbeque lunch & drinks will be served prior to the sale.

Agent Rebate
A 2% rebate is offered to outside agents attending the sale to introduce and assist buyers selecting bulls.
To qualify, agents must:

- Introduce the client in writing by fax or email 12 hours prior to the bull sale;
- Attend the bull sale with the client

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

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HAZELDEAN
LITCHFIELD

Welcome to to our 2019 Autumn Bull Sale

Our operation is based solely on commercial relevance which translates through the supply chain. We run our stud herd side by side with our commercial herd. Genetics used in the stud directly flow into our commercial enterprise. As you can all appreciate, the best outcome for a commercial herd on an annual basis is to have high conceptions, no calving trouble, high rebreed rate and an even line of well grown weaners to sell, grow out, or retain as future breeders. Further down the chain, in the feeding and processing segments, a product that consistently performs well is pursued and receives a premium.

With consistency comes brand recognition. We have been particularly pleased in this tough season to see our bloodline being sought after by renown processors. Steers from our commercial herd and those of our clients receive significant premiums with our entire drop of steers bought by Rangers Valley each year. The Hazeldean brand is consistent, reliable and relevant to commercial breeders through to processors.

This year's sale team is a great reflection of our brand. You will notice a high portion of these bulls are sired by our own Hazeldean bred bulls. Hazeldean J140 has been used heavily in the program for his structural correctness to ensure our cattle maintain functionality, longevity and docility. Hazeldean Katzen K416 is a standout for his short gestation, high growth and impressive phenotype. Hazeldean F1023 has been used significantly after his outstanding performance in the Angus Sire Benchmarking pushing him into the number one seat for IMF EBV within Angus Australia. Although these sires have their strengths they all maintain the base requirement for the Hazeldean brand of calving ease, growth, carcase, temperament and constitution.

We look forward to catching up on sale day,

Bea Litchfield
Hazeldean SA

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 feedlotters 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, and at Adelong, near Tumut. 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 carcase.

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 carcase 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 carcase 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 carcase 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), 'Pinora', Jackson, and "Gracemere", Rockhampton, QLD (August).

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

Semen Sales Semen is available from Hazeldean's top sires. Contact Hazeldean or view our website at 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 carcases 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.

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 Athough 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.

The Hazeldean Guarantee

Hazeldean guarantees the structural and genetic integrity of all sale animals. The entry of every animal constitutes a guarantee that the bull will be replaced, purchase price refunded or a credit issued (the option remaining with Hazeldean after discussion with the purchaser). If, for whatever reason, the purchaser is dissatisfied with the animal. Notice of dissatisfaction must be lodged within 12 months of sale.

After 12 months Hazeldean will replace, refund or credit, if an animal has broken down and in the opinion of a vet suffers from a genetic disorder other than corkscrew penis or the rigours of advancing age. In other instances where significant loss arises simply from bad luck, Hazeldean will do it's best to overcome the problem to the mutual satisfaction of all.

Insurance
Any animal that either dies or has to be destroyed due to injury within 28 days of sale will be replaced or refunded by Hazeldean. Additional insurance to cover death or loss of use after 12 months is advised.

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.

Hazeldean Structural Program

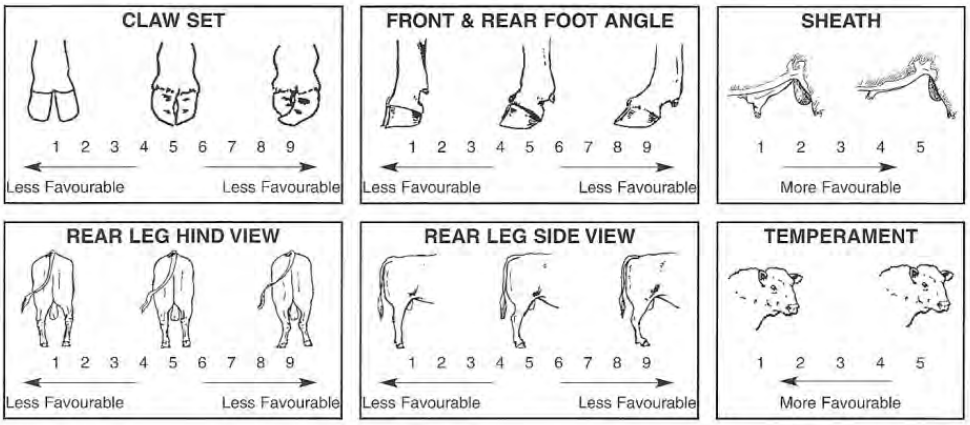
The Hazeldean Sale Bulls have been independently structurally assessed to maximise the quality of stock on offer. Any animals deemed inadequate have been removed from the sale draft.

The Hazeldean sale bulls were semen tested and assessed by Ian Moreland of Studcare Genetics. 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.



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 the 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 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 with out 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 carcases 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 carcases 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 carcase weight in a 300 kg carcase 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).

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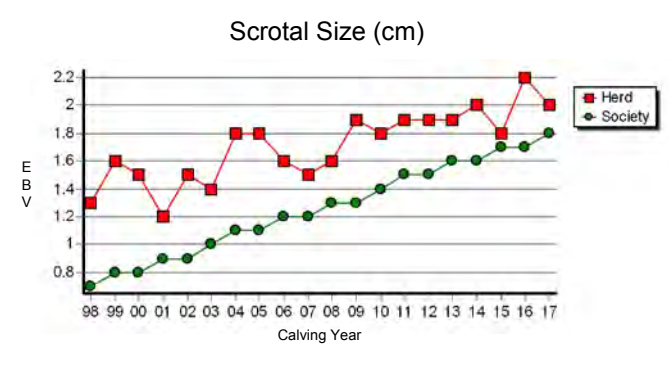
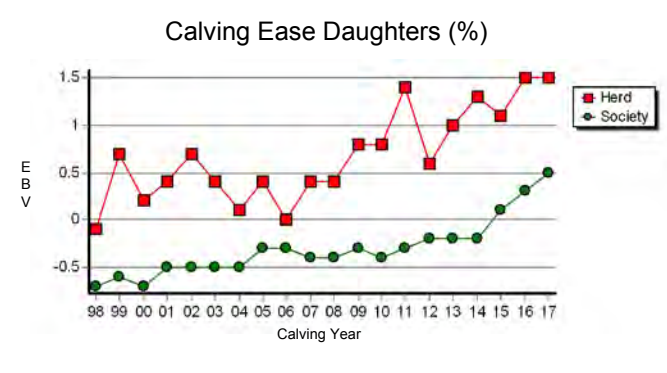
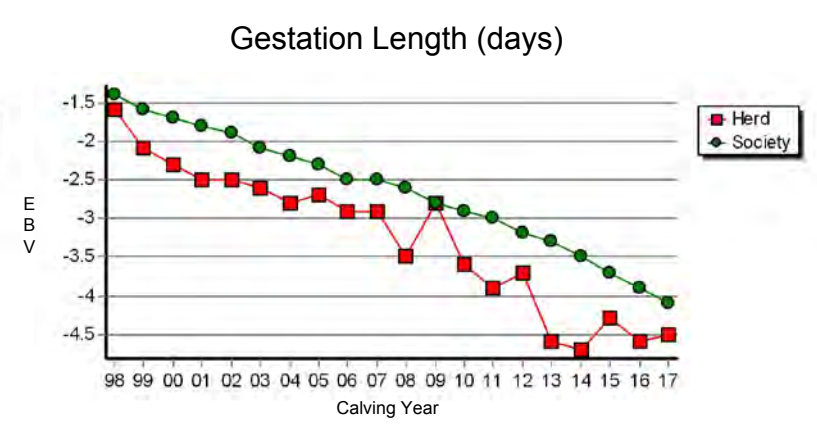
Hazeldean Cattle – Very fertile with exceptional calving ease



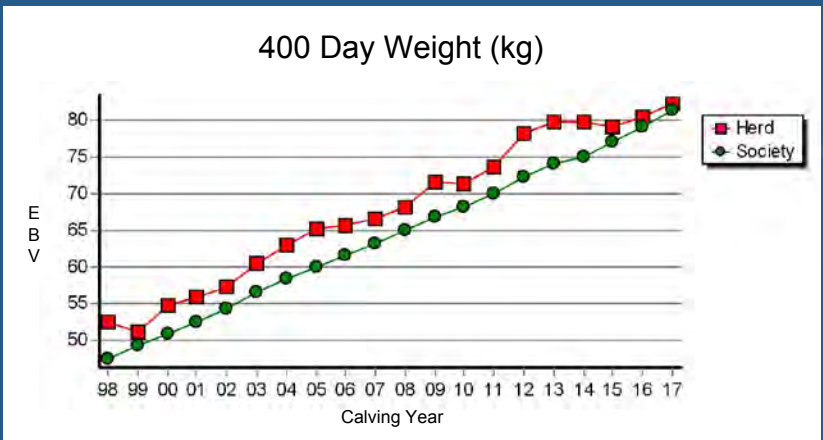


Our bulls are very fertile and sire calves with exceptional calving ease, meaning less calving problems and more live calves.



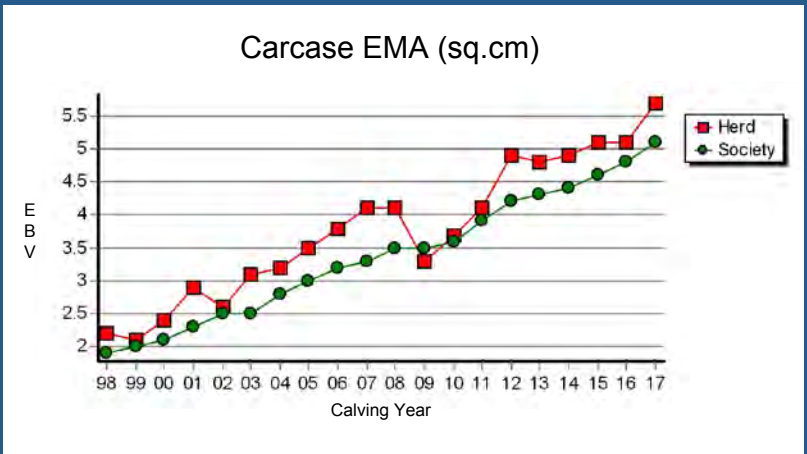
Gestation length is shorter; meaning calves are born early, giving cows more time to rebreed for next year.

Hazeldean cattle – Very marketable with excellent carcase quality

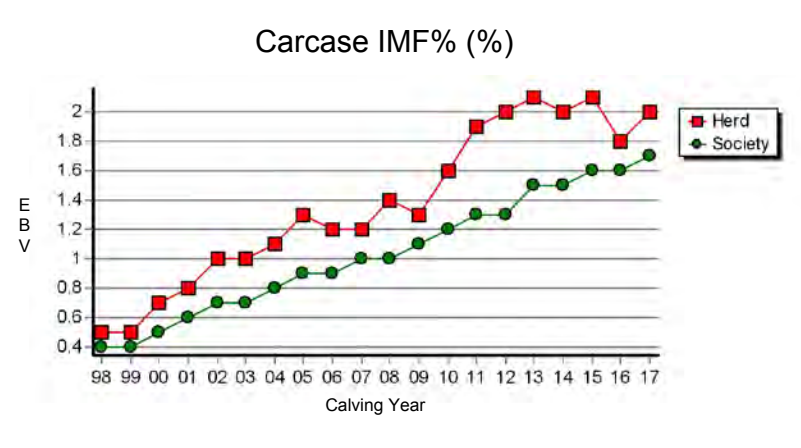


Our bulls sire calves with above average growth, giving you heavier steers.

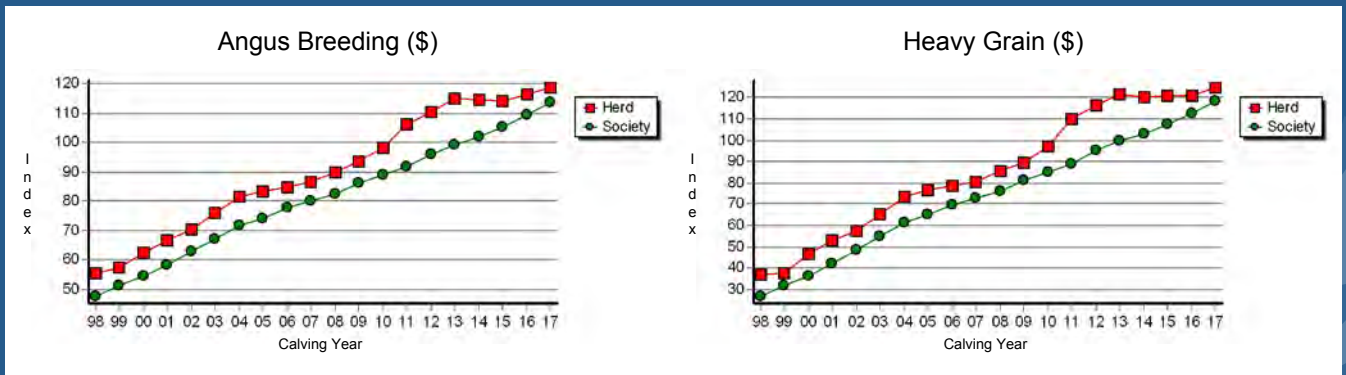
HAZELDEAN
LITCHFIELD
EST 1865



And they have above average muscle content and marbling.



Enabling you to hit key markets ahead of the pack.



Hazeldean genetics.

Proven genetic worth for commercial operations.

HAZELDEAN
LITCHFIELD

NHZK416 HAZELDEAN KATZEN K416 DOB: 28.07.2014

Registration Level: APR AMF, CAF, DDF, NHF

BOOROOMOOKA UNDERTAKEN Y145 TE MANIA BERKLEY B1

Sire: RENNYLEA EDMUND E11 **Dam: HAZELDEAN H342**

LAWSONS HENRY VIII Y5 HAZELDEAN F15

MARCH 2019 - ANGUS GROUP BREEDPLAN EBVS																		
	CALVING EASE				GROWTH & MATERNAL					FERTILITY		DOC	CARCASE					
	DIR	DTRS	GL	BWt	200	400	600	MWt	Milk	SS	DC	Doc	CWT	EMA	RIB	RUMP	RBY%	IMF%
EBV	+5.3	+3.0	-12.9	+2.5	+55	+99	+129	+128	+17	-13.1	+3.4	+46	+78	+5.9	+3.1	+1.7	-0.2	+2.8
ACC	73%	60%	98%	97%	93%	93%	88%	80%	70%	57%	92%	91%	75%	77%	76%	72%	72%	75%

	ANGUS	DOM	HGRAINF	HGRASSF
	+$170	+$138	+$195	+$153
percentile	1	1	1	1

	FFAngle	FFClaw	RFAngle	RHView	RHSide
	-19	-13	-10	+2.8	-0.3
ACC	75%	74%	68%	39%	58%

4 SONS IN SALE HD 50K

Hazeldean Katzen K416 beautifully combines two well proven bloodlines of Edmund and Berkley. He is a standout for his low birth weight and calving ease, high growth and carcase superiority – just an awesome all rounder and is breeding true.
His calves are born early, have impressive weight gains with attractive muscle pattern and are super docile. He has topped our recent sales in South Australia and Spring Sale at Hazeldean.

NHZJ140 HAZELDEAN JAIPUR J140 DOB: 21.08.13

Registration Level: HBR AMFU, NHF, CAFU, DDFU

PAPA EQUATOR 2928 (IMP USA) HAZELDEAN RENAISSANCE R13 (AI)

Sire: ARDROSSAN EQUATOR A241 (AI) (ET) **Dam: HAZELDEAN C33 (AI) (ET)**

ARDROSSAN PRINCESS W38 (AI) (ET) HAZELDEAN FOCUS V15 (AI)

MARCH 2019 - ANGUS GROUP BREEDPLAN EBVS

	CALVING EASE				GROWTH & MATERNAL					FERTILITY		DOC	CARCASE					
	DIR	DTRS	GL	BWt	200	400	600	MWt	Milk	DC	SS	Doc	CWT	EMA	RIB	RUMP	RBY%	IMF%
EBV	+4.9	+4.3	-4.7	+2.0	+37	+75	+108	+90	+24	-6.0	+2.8	+30	+71	+4.2	-0.5	-1.2	+0.9	+1.8
ACC	80%	67%	98%	98%	96%	96%	95%	86%	76%	95%	62%	95%	82%	83%	82%	77%	80%	77%

	ANGUS	DOM	HGRAINF	HGRASSF
	+$124	+$110	+$132	+$119
percentile	32	48	34	33

	FFAngle	FFClaw	RFAngle	RHView	RHSide
	+27	+28	+19	+1.6	-1.3
ACC	77%	81%	69%	41%	69%

7 SONS IN SALE HD 50K

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 with sales exceeding $500,000.

NHZF1023 **HAZELDEAN F1023** **DOB: 06.09.2010**

Registration Level: APR AMF, CAFU, DDF, NHFU

TE MANIA YORKSHIRE Y437 HAZELDEAN W133

Sire: TE MANIA BERKLEY B1PV **Dam : HAZELDEAN B723**

TE MANIA LOWAN Z53 HAZELDEAN X375

MARCH 2019 - ANGUS GROUP BREEDPLAN EBVS

	CALVING EASE				GROWTH & MATERNAL					FERTILITY		DOC	CARCASE					
	DIR	DTRS	GL	BWt	200	400	600	MWt	Milk	SS	DC	Doc	CWT	EMA	RIB	RUMP	RBY%	IMF%
EBV	+4.4	+2.5	-3.1	+4.0	+41	+77	+97	+92	+12	+3.2	-8.6	-6	+69	+6.0	+3.4	-0.1	-3.4	+6.1
ACC	70%	57%	97%	97%	93%	94%	86%	78%	67%	46%	92%	93%	73%	72%	74%	67%	66%	69%

	ANGUS	DOM	HGRAINF	HGRASSF
	+$137	+$111	+$180	+$114
percentile	11	45	1	45

	FFAngle	FFClaw	RFAngle	RHView	RHSide
	+20	+12	-14	+3.3	+0.3
ACC	64%	72%	68%	49%	54%

3 SONS IN SALE HD 50K

At +6.1 for IMF, Hazeldean F1023 is Australia's No.1 Marbling sire. Proven through the Angus Benchmark Program, and described by Agrigene as a "marbling rockstar". Smooth skinned with good muscling and rump shape, F1023 is a foot and leg improver who scored all 5's and 6's for feet and legs as a 7 year old bull prior to his passing.

REFERENCE SIRES SUMMARY

Reference Sire	No.	Reg.	Sire	CE Dir	CE.Ml	GL	Bwt	200	400	600	Mwt	Milk	DC	SS	Cwt	EMA	Rib	Rmp	RBY	IMF	Doc.	ABI	Dom	Hgrain	Hgrass
HAZELDEAN JAIPUR J140	7	HBR	ARDROSSAN EQUATOR NAQA241	4.9	4.3	-4.5	2	37	74	107	90	23	-6	2.9	70	4.2	-0.5	-1.2	1	1.8	30	124	110	135	118
MILLWILLAH COMPLEMENT NJWK108	6	HBR	EF COMPLEMENT 8088	2.7	2.8	-4.2	3.6	51	91	118	99	14	-5.2	0.5	71	10	0.8	-0.3	0.5	1.7	11	132	122	137	130
HAZELDEAN KATZEN K416	4	APR	RENNYLEA EDMUND E11	5.3	3	-12.9	2.5	55	99	129	128	2.5	-13	3.4	78	5.9	3.1	1.7	-0	2.8	46	170	138	195	153
ARDROSSAN JUSTICE NAQJ93	4	HBR	RENNYLEA EDMUND NORE11	1.2	0	-2.5	3.1	41	77	98	91	14	-6.6	1	60	7.2	2.3	1	-1	3.2	8	123	110	139	114
MAR INNOVATION 251 USA16983331	3	HBR	CONNEALY IMPRESSION	-1.7	2.1	-6.6	6.1	59	97	121	92	12	-5.9	3.7	70	9.1	-1.6	-0.9	3.4	0.3	20	134	132	131	134
VAR GENERATION 2100 USA17171587	3	HBR	CONNEALY CONSENSUS 7229 USA164477	-0.3	0.7	-4	4.7	57	100	118	89	15	-3	2.9	75	12	-1.2	-2.3	3.3	1.5	36	135	137	140	133
HAZELDEAN F1023	3	APR	TE MANIA BERKLEY VTMB1	4.1	2.4	-2.3	4.2	41	78	99	97	12	-8.7	3.2	69	6	3.4	-0.2	-3	6.1	-6	139	112	183	116
VBR CHIEFTAN 3W21	2	HBR	WERNER WAR PARTY 2417	2.1	0.5	-12	5.3	59	106	125	118	15	-5.6	1.1	79	5.2	-0.8	-1.2	1.8	1.7	14	138	135	148	132
HAZELDEAN LYMINGTON L26	2	HBR	RENNYLEA EDMUND NORE11	-0.7	-1.4	-3.8	5.2	47	83	107	84	14	-9.4	2	62	8.6	1.2	0.2	0.3	3.6	12	147	124	173	131
HAZELDEAN LANCE L49	2	HBR	RENNYLEA EDMUND NORE11	1.6	-0.5	-5.8	3.3	43	81	107	88	14	-9.1	2.7	62	7	0.9	-0.1	0.5	3.1	-1	146	123	169	131
HAZELDEAN LAKOTA L345	2	APR	RENNYLEA EDMUND NORE11	3.2	2.7	-6.7	2.7	38	72	100	84	15	-9.7	2.1	57	7	3	1.5	0.1	2.4	-3	139	117	154	129
HOOVER DAM	2	HBR	SYDGEN C C & 7	4.5	2	-2.7	1.7	44	83	101	68	18	-5.9	2.4	62	7.8	0.1	-0.1	1.1	2.2	14	131	125	138	126
HAZELDEAN LUTYENS L708	2	APR	HAZELDEAN HARLEQUIN H2	-2.6	2.1	-0.9	5.2	51	93	123	138	14	-2	1.1	71	4.6	-1.4	-2.3	0.1	2.6	-19	108	102	122	103
CARRABAR DOCKLANDS D62	1	HBR	KAROO W109 DIRECTION Z181 NENZ181	3.6	1.5	-9.1	4.1	47	88	125	95	22	-8.1	3.3	69	6.3	1.1	1.2	0.3	1.1	-18	138	117	141	135
EF COMPLEMENT 8088	1	HBR	BASIN FRANCHISE P142	3.7	3.6	-5.5	2.6	52	96	125	91	20	-4.8	0.9	75	8.4	1.2	1.6	-1	1.9	9	136	123	138	135
HAZELDEAN LEVI L595	1	APR	RENNYLEA EDMUND NORE11	0.2	-2	-5.4	5.8	50	90	120	113	14	-6.7	1.5	70	4.3	1.2	0	0.2	2.6	29	132	115	149	122
HAZELDEAN LEBANON L332	1	APR	SYDGEN BLACK PEARL 2006	0.5	4.9	-6.2	3.8	47	80	111	87	16	-6.2	1.6	70	5.8	2.8	1.5	-1	2.5	-25	126	109	133	121
KOUPALS B&B IDENTITY	1	HBR	SITZ UPWARD 307RSV	-1.5	0.4	-6.9	3.7	54	98	116	81	22	-2.7	1.4	79	8.3	-1.2	-1	2.2	0.9	-6	115	122	109	119
CONNEALY COMRADE 1385	1	HBR	CONNEALY CONSENSUS 7229	6.6	3.5	-7.9	-2	43	78	85	43	17	-4.5	0.6	53	9.2	-0.1	-0.4	1.4	1.5	22	112	122	104	115
HAZELDEAN LASSO L804	1	APR	HAZELDEAN JERICHO J179	0.6	-2.2	-5	4.3	51	95	121	100	20	-4.7	0.8	73	2.1	-0.3	-1	-1	2.9	-13	120	111	135	114
HAZELDEAN KILLARNEY K972	1	APR	VAR RESERVE 1111 USA16916944	0.8	0.8	0.1	3.9	44	80	105	95	13	-3.8	1.1	58	5	-0.9	-1.1	0.3	2.2	19	110	106	118	107
SPRING COVE PAYGRADE 5064	1	HBR	BASIN PAYWEIGHT 1682 USA17038724	2.7	2	-1.2	1.3	48	79	90	52	16	-4	1.6	55	1.4	1.2	1.4	-1	1.7	3	92	104	80	98
	Average EBV's 2017 born calves			**0.5**	**0.5**	**-0.4**	**4.3**	**45**	**81**	**105**	**91**	**15**	**-4.3**	**1.9**	**60**	**5.1**	**0**	**-0.2**	**0.4**	**1.7**	**3**	**113**	**108**	**116**	**111**

TOP 1% TOP 5% TOP 10% TOP 20%

Hazeldean Autumn Bull Sale EBV Summary

Lot	Tag	REG	SIRE	Matl GRAND SIRE	CEDir	CEMl	GL	Bwt	200	400	600	Mwt	Milk	SS	DC	Cwt	EMA	Rib	Rmp	Rby	IMF	Doc.	ABI	Dom.	HGN	HGS
1	N664	APR	MILLWILLAH COMPLEMENT NJWK108	TE MANIA BERKLEY VTMB1	1.9	2.9	-4.2	3.9	53	96	127	116	17	2	-6.6	76	8.5	0.5	-0.9	0.4	2.3	16	143	125	159	135
2	N151	HBR	HAZELDEAN JAIPUR J140	TC TOTAL 410 USA14844711.	2.1	3.1	-6.2	4	48	91	124	116	20	3.1	-4.9	73	5.7	-1.2	-1.7	1.2	1.9	29	133	119	146	127
3	N1126	APR	HAZELDEAN JAIPUR J140	RENNYLEA NORF42	1.1	2.1	-4.6	4.6	48	91	124	99	20	2.2	-6.7	75	5	0.2	-0.2	0.8	1.3	13	133	118	139	129
4	N1268	APR	HAZELDEAN LASSO L804	RENNYLEA NORF42	-0.5	-0.3	-4.4	4.6	53	97	127	92	21	1.1	-5.3	75	5.9	0.3	-0.8	0.3	2.1	1	130	118	139	126
5	N136	HBR	MILLWILLAH COMPLEMENT NJWK108	LAWSONS TANK VLY B1155	EBV'S AVAILABLE ON OUR WEBSITE & AT ANGUS AUSTRALIA FROM APRIL16TH & ON SALE DAY																					
6	N115	HBR	MILLWILLAH COMPLEMENT NJWK108	CARRABAR DOCKLANDS D62	0.9	1.3	-4.2	4.8	49	90	121	97	17	1.6	-5.5	71	7.9	0.4	-0.2	0.5	1.6	-4	129	116	135	126
7	N764	APR	HOOVER DAM	MOHNEN DYNAMITE 1356 USA15585	1.8	-0.3	-1.8	3.4	42	76	96	76	12	1.8	-4.8	59	6.3	0.6	0.1	0.4	2.3	3	115	111	121	111
8	N32	HBR	CARRABAR DOCKLANDS D62	ARDROSSAN EQUATOR NAQA241	3.1	2.2	-3.8	1.8	38	72	91	74	17	2.3	-3.5	61	5.2	-0.3	-0.9	1.1	1.6	12	103	107	103	103
9	N714	APR	MILLWILLAH COMPLEMENT NJWK108	RENNYLEA NORF42	-0.3	1.8	-3.1	4.5	51	93	123	99	19	1.9	-6.4	75	8.1	1.2	-0.1	0.5	2	20	136	120	145	130
10	N974	APR	SPRING COVE PAYGRADE 5064	HAZELDEAN NEW DESIGN D959	1.8	0.3	-2.5	3.1	48	81	107	81	14	2.9	-4.1	62	3.3	-0.1	0.2	0.2	1.6	-4	109	107	107	110
11	N680	APR	MAR INNOVATION 251 USA16983331	HAZELDEAN BOOMTIME D1048	1.8	2.5	-5.8	3.2	44	74	91	62	19	2.2	-5.5	55	5.3	-0.5	-0.1	1.2	0.8	13	102	109	93	106
12	N634	APR	ARDROSSAN JUSTICE NAQJ93	HAZELDEAN DELIVER D211 (AI)	1.1	1.6	-4.4	3.2	42	75	97	79	17	2.3	-7	58	4.8	2.4	1.8	-0.4	2.4	16	118	109	125	113
13	N1334	APR	HAZELDEAN LYMINGTON L26	GAR PROPHET USA16295688	-1.1	-1.1	-1.2	4.9	48	86	108	84	18	2.1	-6.3	63	7.2	0.7	0.1	0	3.1	18	127	115	142	118
14	N934	APR	HAZELDEAN LANCE L49	HAZELDEAN GODRIC G1029	3	1.7	-5.9	2.1	38	74	95	77	15	2.1	-7.8	57	4.7	0.9	-0.1	0.1	2.9	9	128	115	145	118
15	N28	HBR	KOUPALS B&B IDENTITY	HAZELDEAN HARLEQUIN H2	-2.2	-0.1	-5.2	4.1	53	99	125	104	23	1.5	-2.7	72	6.5	-1.1	-0.9	1.1	1.7	7	117	115	120	117
16	N306	APR	VAR GENERATION 2100 USA17171587	RENNYLEA EDMUND NORE11	0.5	0.9	-5.6	4.7	53	96	119	101	14	2.2	-5.5	74	8	0.4	-0.9	1.3	2.7	4	142	131	160	133
17	N739	APR	HAZELDEAN KATZEN K416	HAZELDEAN DIRK D174	3.3	1.4	-7.2	4	44	82	110	106	15	1.9	-9.1	62	4.1	0	-0.7	0.8	1.8	19	133	117	147	124
18	N299	APR	VBR CHIEFTAN 3W21	TE MANIA BERKLEY VTMB1	2.8	1.9	-8	4.6	54	97	117	115	13	1.4	-7.1	72	5.2	0.5	-0.7	0.6	2.1	-5	134	127	147	127
19	N405	APR	MAR INNOVATION 251 USA16983331	RENNYLEA EDMUND NORE11	1.3	2.2	-6.5	3.9	49	91	114	90	17	3.2	-7.7	66	8.7	0	-0.4	2	1.7	14	145	133	156	138
20	N369	APR	VAR GENERATION 2100 USA17171587	RENNYLEA EDMUND NORE11	1	1.2	-5.1	4	51	87	110	94	12	3.4	-6.7	66	8.6	1.3	-0.1	1.3	2.5	26	140	127	154	131
21	N341	APR	VAR GENERATION 2100 USA17171587	RENNYLEA EDMUND NORE11	1.3	2.1	-5	3.4	47	82	102	79	14	2.6	-5.6	61	9.7	0.8	-0.4	1.7	2.4	12	135	127	146	128
22	N811	APR	CONNEALY COMRADE 1385	KC HAAS GPS 15848590	-0.7		-3.2	6.5	53	98	128	127	9	2.7		73	3.7	-0.2	0.2	0.2	2.1	-17	121	113	132	118
23	N660	APR	HAZELDEAN KATZEN K416	TC TOTAL 410 USA14844711.	-0.1	0.5	-6.2	4.9	58	105	135	141	16	3.8	-10	76	5.7	0.7	0.2	0.6	2.2	38	153	131	173	140
24	N1348	APR	HAZELDEAN KIBBITZ K553	CARRABAR DOCKLANDS D62	2.7	1.4	-5.9	4	51	90	123	103	18	2.5	-7.7	71	5	1	0.2	0	2.4	-14	141	120	156	132
25	N474	APR	VBR CHIEFTAN 3W21	HAZELDEAN BOOMTIME D931	-0.7	0.2	-8.2	6.6	56	102	123	115	12	1.9	-5.3	76	4.6	-2.3	-2.6	1.8	1.5	10	126	125	136	121
26	N602	APR	HAZELDEAN F1023	HAZELDEAN DELIVER D211 (AI)	3.1	2.8	-4.5	4.3	43	79	108	102	15	2.8	-6.5	67	3.8	0.6	-1.5	-0.8	3.3	19	125	108	147	113
27	N744	APR	HOOVER DAM	MOHNEN DYNAMITE 1356	1.5	-0.3	-2.3	4	48	92	115	92	15	2.5	-4.6	70	5.4	0.4	0	0.4	2.3	14	127	120	137	123
28	N1172	APR	HAZELDEAN LEBANON L332	LAWSONS TANK VLY B1155	-1.7	2.3	-5.2	4.6	49	86	120	100	18	2.3	-6.5	68	5.2	0.7	-0.2	-0.4	2.9	-14	130	110	147	121
29	N548	APR	EF COMPLEMENT 8088	HAZELDEAN NEW DESIGN D1052	0.8	1.5	-6.2	4.3	46	80	107	88	15	1.4	-5.3	61	5.5	0.6	1.7	0	1.6	12	116	108	115	115
30	N1075	APR	HAZELDEAN LAKOTA L345	HAZELDEAN BENEDICT B569	3.4	3.6	-7.4	2.2	36	68	91	70	13	2.2	-7.8	52	3.1	1.9	1.5	-0.2	2.1	7	120	109	126	115
31	N682	APR	HAZELDEAN JAIPUR J140	LAWSONS DINKY DI VLYZ191	4.7	2.7	-3.2	1.9	36	67	93	68	20	2	-5.4	55	3.8	-0.1	-0.9	0.8	1.5	21	107	102	108	106
32	N909	APR	HAZELDEAN KATZEN K416	HAZELDEAN D1204	3.4	1.7	-8.9	3.7	49	85	117	117	15	4	-8.5	68	5	2.3	1.6	0.2	2.1	8	138	118	151	130
33	N1200	APR	HAZELDEAN LAKOTA L345	TE MANIA BERKLEY VTMB1	1.4	2.6	-4.8	4.4	47	84	114	114	13	1.6	-8.5	66	6.4	2	0.8	-0.3	2.6	0	138	116	155	127
34	N264	APR	HAZELDEAN KATZEN K416	CARRABAR DOCKLANDS D62	4.6	3.2	-9.2	3	51	95	126	113	17	4.2	-11.4	75	6	2.5	1.4	-0.1	2.5	21	162	133	182	147
35	N375	APR	HAZELDEAN JAIPUR J140	BROKEN BOW USA16764044	4.5	4	-5.6	1.9	41	72	102	82	18	1.2	-4.9	62	4.9	-0.7	-1.3	0.7	1.8	7	115	107	120	113
36	N853	APR	ARDROSSAN JUSTICE NAQJ93	MATAURI REALITY 839 14647008839	2	1.5	-3.9	4	46	83	111	109	14	2.6	-4.8	64	6.1	2.1	1.1	-0.7	2.8	-3	123	109	135	117
37	N39	HBR	MILLWILLAH COMPLEMENT NJWK108	SYDGEN TRUST 6228 USA15354674	2.4	3.6	-5.2	3	46	77	102	80	13	0.8	-4.3	63	9.2	0.4	-0.6	0.6	1.8	5	118	112	119	117
38	N19	HBR	HAZELDEAN JAIPUR J140	LAWSONS INVINCIBLE VLY C402	4.3	2.7	-4.6	1.7	39	71	98	77	18	2.6	-5	61	6.2	-1.2	-1	0.9	2.3	25	120	110	129	115
39	N1187	APR	HAZELDEAN LEVI L595	HAZELDEAN B580	1.5	-0.8	-4.4	4	42	77	99	80	17	2.2	-5.1	59	4.2	0.5	-0.1	0.7	1.9	21	111	108	115	108
40	N58	HBR	MAR INNOVATION 251 USA16983331	WKREPLAY USA16154968	-0.1	2.5	-4.2	4.3	47	78	97	75	16	2	-6.4	56	7.4	-1.2	-1.8	2.5	1.1	19	117	118	118	115
41	N837	APR	ARDROSSAN JUSTICE NAQJ93	TWYNAM D111 NXTD111	-0.1	0.5	-2.1	4.1	41	74	96	86	15	0.1	-4.6	58	6.1	0.8	-0.3	-0.2	2.6	12	107	101	115	102
42	N948	APR	HAZELDEAN LANCE L49	BROKEN BOW USA16764044	2.5	1.6	-3.4	2.3	44	79	99	69	13	1.9	-7.1	59	6.5	0.4	-0.3	0.7	2.3	-9	130	121	139	123
43	N1000	APR	HAZELDEAN LYMINGTON L26	HAZELDEAN GRENADINE G362	-1.2	-0.7	-4.8	5.4	45	78	104	90	9	0.7	-6.1	60	6.3	0.3	-0.4	0.4	2.8	23	123	110	139	114
44	N702	APR	HAZELDEAN F1023	HAZELDEAN FERRYMAN F909	0.7	0.1	-3.9	5	45	78	99	82	13	1.7	-7.4	64	7.3	1.6	-0.6	-0.9	3.4	-1	122	109	140	112
45	N1093	APR	HAZELDEAN LLEWELLEYN L706	HAZELDEAN ERUPT E322 (APR)	-1.9	1.5	-3.2	4.3	43	75	97	84	13	1.2	-2.5	56	3.7	-0.3	-0.4	-0.2	2.6	-5	96	96	101	94
46	N701	APR	HAZELDEAN F1023	LT 598 BANDO 9074	1.5	1.2	-1.7	3.9	38	70	87	74	14	3	-7.6	57	3.9	2.1	0.7	-1.6	3.6	7	113	103	130	103
47	N971	APR	MILLWILLAH COMPLEMENT NJWK108	WKREPLAY USA16154968	3.2	3.1	-4.9	3	43	75	99	74	18	0.7	-6.3	56	9.3	0.3	-0.6	1	1.8	5	124	116	129	121
48	N1252	APR	HAZELDEAN KILLARNEY K972	DUNOON GOTHIC BHRG531	-2.3	-1.2	0.4	4.3	44	74	95	82	15	1.5	-6.4	58	3.5	1.4	0.8	-0.7	2.1	10	96	93	97	94
			Hazeldean Autumn Bull Sale average		1.4	1.5	-4.7	3.9	46	84	110	92	16	2.1	-6.2	61	6.0	0.5	-0.2	0.4	2.2	9.4	126	116	135	120
			Angus Breedplan average for all 2017 born calves		0.2	0.4	-4	4.3	44	81	106	91	15	2.1	-4.2	59	5.1	0	-0.2	0.4	1.7	4	114	108	119	111

TOP 1% TOP 5% TOP 10% TOP 20%

MID-MARCH 2019 ANGUS AUSTRALIA BREEDPLAN
REFERENCE TABLES

BREED AVERAGE EBVs

	Calving Ease		Birth		Growth					Fertility		Carcase						Other		Structure					Selection Indexes			
	CEDir	CEDtrs	GL	BW	200	400	600	MCW	Milk	SS	DTC	CWT	EMA	RIB	P8	RBY	IMF	NFI-F	DOC	FA	FC	RA	RH	RS	ABI	DOM	GRN	GRS
Brd Avg	+0.2	+0.4	-4.0	+4.3	+44	+81	+106	+91	+15	+1.8	-4.2	+59	+5.1	+0.0	-0.2	+0.4	+1.7	+0.18	+4	+0	-2	-2	-0.5	-0.3	+114	+109	+119	+112

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

PERCENTILE BANDS TABLE

% Band	Calving Ease		Birth		Growth					Fertility		Carcase						Other		Structure					Selection Indexes			
	CEDir	CEDtrs	GL	BW	200	400	600	MCW	Milk	SS	DTC	CWT	EMA	RIB	P8	RBY	IMF	NFI-F	DOC	FA	FC	RA	RH	RS	ABI	DOM	GRN	GRS
	Less Calving Difficulty	Less Calving Difficulty	Shorter Gestation Length	Lighter Birth Weight	Heavier Live Weight	Heavier Live Weight	Heavier Live Weight	Heavier Mature Weight	Heavier Live Weight	Larger Scrotal Size	Shorter Time to Calving	Heavier Carcase Weight	Larger EMA	More Fat	More Fat	Higher Yield	More IMF	Greater Feed Efficiency	More Docile	More Sound	More Sound	More Sound	More Sound	More Sound	Greater Profitability	Greater Profitability	Greater Profitability	Greater Profitability
1%	+5.0	+4.4	-9.7	+0.5	+61	+109	+145	+138	+25	+3.8	-8.9	+85	+11.0	+3.0	+3.2	+2.5	+4.0	-0.47	+31	+21	+22	+14	+4.4	+0.5	+156	+135	+181	+144
5%	+3.9	+3.4	-7.7	+1.7	+56	+100	+132	+123	+22	+3.1	-7.6	+77	+8.9	+2.0	+2.0	+1.9	+3.3	-0.29	+24	+16	+16	+10	+3.1	+0.5	+144	+127	+164	+135
10%	+3.2	+2.9	-6.8	+2.3	+53	+96	+126	+115	+20	+2.8	-6.8	+73	+8.0	+1.5	+1.5	+1.5	+3.0	-0.19	+19	+13	+14	+8	+2.6	+0.5	+138	+123	+155	+130
15%	+2.7	+2.5	-6.2	+2.7	+52	+93	+122	+110	+19	+2.6	-6.3	+71	+7.4	+1.2	+1.2	+1.3	+2.7	-0.12	+16	+11	+11	+6	+2.1	+0.5	+134	+121	+149	+127
20%	+2.3	+2.1	-5.8	+3.0	+50	+91	+119	+106	+19	+2.4	-5.9	+69	+6.9	+1.0	+0.9	+1.1	+2.5	-0.06	+14	+10	+9	+5	+1.7	+0.4	+130	+119	+143	+124
25%	+2.0	+1.8	-5.4	+3.2	+49	+89	+117	+103	+18	+2.3	-5.6	+67	+6.6	+0.8	+0.7	+1.0	+2.3	-0.02	+12	+8	+8	+4	+1.3	+0.4	+128	+117	+139	+122
30%	+1.6	+1.5	-5.1	+3.5	+48	+87	+114	+100	+17	+2.2	-5.3	+66	+6.2	+0.6	+0.5	+0.9	+2.2	+0.03	+10	+7	+7	+3	+0.9	+0.4	+125	+115	+135	+120
35%	+1.3	+1.3	-4.8	+3.7	+48	+86	+112	+98	+17	+2.1	-5.0	+64	+5.9	+0.4	+0.3	+0.8	+2.1	+0.07	+8	+6	+5	+2	+0.6	+0.3	+122	+114	+131	+118
40%	+1.0	+1.0	-4.5	+3.9	+47	+84	+110	+95	+16	+2.0	-4.8	+63	+5.6	+0.3	+0.2	+0.7	+1.9	+0.11	+7	+4	+4	+1	+0.4	+0.3	+120	+112	+127	+116
45%	+0.7	+0.8	-4.2	+4.1	+46	+83	+108	+93	+16	+1.9	-4.5	+62	+5.3	+0.1	+0.0	+0.5	+1.8	+0.15	+5	+3	+2	-1	+0.1	+0.3	+118	+111	+124	+114
50%	+0.4	+0.5	-4.0	+4.3	+45	+82	+106	+91	+15	+1.8	-4.3	+60	+5.1	+0.0	-0.2	+0.4	+1.7	+0.18	+4	+2	+1	-2	-0.2	+0.2	+115	+109	+120	+113
55%	+0.1	+0.3	-3.7	+4.5	+44	+80	+104	+88	+15	+1.7	-4.0	+59	+4.8	-0.2	-0.3	+0.3	+1.6	+0.22	+3	+1	-1	-2	-0.5	+0.1	+113	+108	+117	+111
60%	-0.2	+0.0	-3.5	+4.7	+43	+79	+102	+86	+14	+1.6	-3.8	+57	+4.5	-0.3	-0.5	+0.2	+1.4	+0.26	+1	-1	-3	-3	-0.9	+0.0	+110	+106	+113	+109
65%	-0.6	-0.2	-3.2	+4.9	+42	+77	+100	+84	+14	+1.5	-3.5	+56	+4.2	-0.4	-0.7	+0.1	+1.3	+0.30	+0	-2	-5	-4	-1.2	-0.2	+108	+105	+109	+107
70%	-0.9	-0.5	-2.9	+5.1	+41	+76	+98	+81	+13	+1.4	-3.2	+54	+3.9	-0.6	-0.8	+0.0	+1.2	+0.34	-2	-4	-7	-6	-1.3	-0.3	+105	+103	+105	+105
75%	-1.3	-0.9	-2.7	+5.3	+40	+74	+95	+78	+13	+1.3	-2.9	+52	+3.6	-0.8	-1.0	-0.1	+1.0	+0.38	-3	-6	-11	-7	-1.7	-0.5	+102	+101	+101	+102
80%	-1.8	-1.3	-2.3	+5.6	+39	+72	+92	+75	+12	+1.2	-2.6	+50	+3.2	-1.0	-1.3	-0.3	+0.9	+0.43	-5	-9	-13	-8	-2.1	-0.8	+99	+99	+96	+100
85%	-2.4	-1.7	-1.9	+5.9	+37	+69	+89	+72	+11	+1.0	-2.1	+47	+2.8	-1.2	-1.5	-0.4	+0.6	+0.48	-7	-13	-16	-11	-2.7	-1.2	+94	+96	+90	+96
90%	-3.2	-2.3	-1.4	+6.3	+35	+66	+84	+67	+10	+0.8	-1.5	+42	+2.2	-1.5	-1.9	-0.7	+0.4	+0.55	-10	-18	-21	-15	-3.9	-1.8	+89	+93	+82	+92
95%	-4.4	-3.2	-0.5	+6.9	+32	+61	+77	+59	+9	+0.5	-0.6	+36	+1.4	-1.9	-2.4	-1.0	+0.1	+0.66	-13	-26	-26	-20	-5.2	-2.6	+79	+87	+69	+85
99%	-7.3	-5.2	+1.2	+8.1	+24	+50	+61	+42	+6	-0.1	+1.5	+25	-0.1	-2.8	-3.4	-1.7	-0.4	+0.88	-20	-36	-32	-28	-9.2	-5.3	+53	+72	+33	+64
	More Calving Difficulty	More Calving Difficulty	Longer Gestation Length	Heavier Birth Weight	Lighter Live Weight	Lighter Live Weight	Lighter Live Weight	Lighter Mature Weight	Lighter Live Weight	Smaller Scrotal Size	Longer Time to Calving	Lighter Carcase Weight	Smaller EMA	Less Fat	Less Fat	Lower Yield	Less IMF	Lower Feed Efficiency	Less Docile	Less Sound	Less Sound	Less Sound	Less Sound	Less Sound	Lower Profitability	Lower Profitability	Lower Profitability	Lower Profitability

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

M705

M227
M957
M60

1 HAZELDEAN N664 (APR) (AI)

Born: **16/08/2017**
Society Ident.: **NHZN664**

EF COMPLEMENT 8088
Sire: MILLWILLAH COMPLEMENT NJWK108
MILWILLAH MITTAGONG H257

TE MANIA BERKLEY VTMB1
Dam: HAZELDEAN F354
HAZELDEAN D1108

Front	Rear	Front	Rear			MUSCLE	TEMP.	SHEATH
6	5	5	5	5	5	C+	2	4

ANGUS GROUP BREEDPLAN EBVS - APRIL 2019

	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	+1.9	+2.9	-4.2	+3.9	+53	+96	+127	+116	+17	+2	-6.6	+76	+8.5	+0.5	-0.9	+0.4	+2.3	+16	+143	+125	+159	+135
ACC%	48%	41%	85%	75%	69%	70%	66%	62%	53%	72%	41%	58%	53%	55%	54%	51%	52%	59%				

Purchaser..... *Price*.....

2 HAZELDEAN N151 (HBR) (AI)

Born: **01/09/2017**
Society Ident.: **NHZN151**

ARDROSSAN EQUATOR NAQA241
Sire: HAZELDEAN JAIPUR J140
HAZELDEAN C33

TC TOTAL 410 USA14844711.
Dam: HAZELDEAN H212
HAZELDEAN A27

AMFU NHFU CAFU DDFU

Front	Rear	Front	Rear			MUSCLE	TEMP.	SHEATH
6	5	5	4	5	6	C+	2	4

ANGUS GROUP BREEDPLAN EBVS - APRIL 2019

	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	+3.1	-6.2	+4	+48	+91	+124	+116	+20	+3.1	-4.9	+73	+5.7	-1.2	-1.7	+1.2	+1.9	+29	+133	+119	+146	+127
ACC%	51%	44%	84%	74%	69%	70%	68%	64%	55%	73%	43%	59%	56%	59%	57%	54%	56%	59%				

Purchaser..... *Price*.....

3 HAZELDEAN N1126 (APR)

Born: **14/09/2017**
Society Ident.: **NHZN1126**

ARDROSSAN EQUATOR NAQA241
Sire: HAZELDEAN JAIPUR J140
HAZELDEAN C33

RENNYLEA NORF42
Dam: HAZELDEAN J809
HAZELDEAN G721

AMFU NHFU CAFU DDFU

Front	Rear	Front	Rear			MUSCLE	TEMP.	SHEATH
6	5	5	5	5	5	C+	2	4

ANGUS GROUP BREEDPLAN EBVS - APRIL 2019

	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	+1.1	+2.1	-4.6	+4.6	+48	+91	+124	+99	+20	+2.2	-6.7	+75	+5	+0.2	-0.2	+0.8	+1.3	+13	+133	+118	+139	+129
ACC%	48%	40%	64%	74%	69%	69%	68%	64%	54%	71%	42%	58%	58%	59%	60%	55%	55%	58%				

Purchaser..... *Price*.....

Top 5% **Top 10%** **Top 20%**

4 HAZELDEAN N1268 (APR)

Born: **27/09/2017**
Society Ident.: **NHZN1268**

HAZELDEAN JERICHO J179
Sire: HAZELDEAN LASSO L804
HAZELDEAN D843

RENNYLEA NORF42
Dam: HAZELDEAN H1001
HAZELDEAN E406

Front	Rear	Front	Rear			MUSCLE	TEMP.	SHEATH
7	5	5	4	5	5	C+	2	5

ANGUS GROUP BREEDPLAN EBVS - APRIL 2019

	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	-0.5	-0.3	-4.4	+4.6	+53	+97	+127	+92	+21	+1.1	-5.3	+75	+5.9	+0.3	-0.8	+0.3	+2.1	+1	+130	+118	+139	+126
ACC%	39%	32%	51%	70%	64%	65%	62%	57%	46%	69%	33%	53%	51%	52%	53%	48%	45%	48%				

Purchaser..... *Price*.....

5 HAZELDEAN N136 (HBR) (AI)

Born: **22/08/2017**
Society Ident.: **NHZN136**

EF COMPLEMENT 8088
Sire: MILLWILLAH COMPLEMENT NJWK108
MILWILLAH MITTAGONG H257

LAWSONS TANK VLY B1155
Dam: HAZELDEAN H9
HAZELDEAN DESIGN D35

Front	Rear	Front	Rear			MUSCLE	TEMP.	SHEATH
6	5	5	4	4	5	C	2	4

ANGUS GROUP BREEDPLAN EBVS - APRIL 2019

	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	EBVs available on our website and at Angus Australia from April 16th and on sale day																					
ACC%																						

Purchaser..... *Price*.....

6 HAZELDEAN N115 (HBR) (AI)

Born: **19/08/2017**
Society Ident.: **NHZN115**

EF COMPLEMENT 8088
Sire: MILLWILLAH COMPLEMENT NJWK108
MILWILLAH MITTAGONG H257

CARRABAR DOCKLANDS D62
Dam: HAZELDEAN J194
HAZELDEAN D321

AMFU NHFU CAFU DDFU

Front	Rear	Front	Rear			MUSCLE	TEMP.	SHEATH
6	6	5	5	5	5	C+	3	3

ANGUS GROUP BREEDPLAN EBVS - APRIL 2019

	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	+0.9	+1.3	-4.2	+4.8	+49	+90	+121	+97	+17	+1.6	-5.5	+71	+7.9	+0.4	-0.2	+0.5	+1.6	-4	+129	+116	+135	+126
ACC%	47%	39%	84%	74%	68%	65%	64%	61%	51%	59%	38%	55%	52%	54%	54%	50%	50%	57%				

Purchaser..... *Price*.....

Top 5% **Top 10%** **Top 20%**

7 HAZELDEAN N764 (APR) (AI)

Born: **21/08/2017**
Society Ident.: **NHZN764**

SYDGEN C C & 7 #
Sire: HOOVER DAM
ERICA OF ELLSTON C124 #

MOHNEN DYNAMITE 1356 USA15585939
Dam: HAZELDEAN J1576
HAZELDEAN FIN F1110

AMFU		NHFU		CAFU		DDFU				
Front	Rear	Front	Rear			MUSCLE	TEMP.	SHEATH
6	6	5	5	5	5	C+	2	4

ANGUS GROUP BREEDPLAN EBVS - APRIL 2019

	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	-0.3	-1.8	+3.4	+42	+76	+96	+76	+12	+1.8	-4.8	+59	+6.3	+0.6	+0.1	+0.4	+2.3	+3	+115	+111	+121	+111
ACC%	54%	46%	85%	74%	68%	68%	66%	63%	60%	69%	43%	60%	58%	61%	59%	57%	58%	57%				

Purchaser..... *Price*.....

8 HAZELDEAN N32 (HBR) (AI)

Born: **31/07/2017**
Society Ident.: **NHZN32**

KAROO W109 DIRECTION Z181 NENZ181
Sire: CARRABAR DOCKLANDS D62
CARABAR BLACKCAP MARY B12(AI)(ET) QHEB12

ARDROSSAN EQUATOR NAQA241
Dam: HAZELDEAN J100
HAZELDEAN E79

AMFU		NHFU		CAFU		DDFU				
Front	Rear	Front	Rear			MUSCLE	TEMP.	SHEATH
5	5	5	5	4	6	C	2	4

ANGUS GROUP BREEDPLAN EBVS - APRIL 2019

	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	+2.2	-3.8	+1.8	+38	+72	+91	+74	+17	+2.3	-3.5	+61	+5.2	-0.3	-0.9	+1.1	+1.6	+12	+103	+107	+103	+103
ACC%	31%	27%	82%	66%	57%	59%	55%	51%	37%	65%	30%	46%	47%	47%	49%	43%	39%	34%				

Purchaser..... *Price*.....

9 HAZELDEAN N714 (APR) (AI)

Born: **18/08/2017**
Society Ident.: **NHZN714**

EF COMPLEMENT 8088
Sire: MILLWILLAH COMPLEMENT NJWK108
MILWILLAH MITTAGONG H257

RENNYLEA NORF42
Dam: HAZELDEAN H481
HAZELDEAN E79

Front	Rear	Front	Rear			MUSCLE	TEMP.	SHEATH
6	5	5	4	5	5	C	2	5

ANGUS GROUP BREEDPLAN EBVS - APRIL 2019

	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	-0.3	+1.8	-3.1	+4.5	+51	+93	+123	+99	+19	+1.9	-6.4	+75	+8.1	+1.2	-0.1	+0.5	+2	+20	+136	+120	+145	+130
ACC%	45%	37%	84%	74%	68%	69%	65%	62%	50%	72%	35%	57%	56%	57%	59%	53%	50%	57%				

Purchaser..... *Price*.....

Top 5% **Top 10%** **Top 20%**

10 HAZELDEAN N974 (APR) (AI)

Born: **05/09/2017**
Society Ident.: **NHZN974**

BASIN PAYWEIGHT 1682 USA17038724
Sire: SPRING COVE PAYGRADE 5064
SPRING COVE ELLA 064

HAZELDEAN NEW DESIGN D959
Dam: HAZELDEAN F717
HAZELDEAN B1240

AMFU	NHFU	CAFU	DDFU	MUSCLE	TEMP.	SHEATH
6	5	5	5	5	5	C	3	4

ANGUS GROUP BREEDPLAN EBVS - APRIL 2019

	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	+0.3	-2.5	+3.1	+48	+81	+107	+81	+14	+2.9	-4.1	+62	+3.3	-0.1	+0.2	+0.2	+1.6	-4	+109	+107	+107	+110
ACC%	41%	30%	84%	74%	68%	69%	66%	62%	53%	71%	34%	57%	51%	55%	52%	49%	51%	55%				

Purchaser..... *Price*.....

11 HAZELDEAN N680 (APR) (AI)

Born: **17/08/2017**
Society Ident.: **NHZN680**

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

HAZELDEAN BOOMTIME D1048
Dam: HAZELDEAN F671
HAZELDEAN CASHFLOW C833

AMFU	NHFU	CAFU	DDFU	MUSCLE	TEMP.	SHEATH
7	5	5	5	5	5	C+	2	4

ANGUS GROUP BREEDPLAN EBVS - APRIL 2019

	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	+2.5	-5.8	+3.2	+44	+74	+91	+62	+19	+2.2	-5.5	+55	+5.3	-0.5	-0.1	+1.2	+0.8	+13	+102	+109	+93	+106
ACC%	48%	39%	65%	74%	69%	70%	68%	63%	56%	72%	37%	59%	59%	59%	59%	55%	54%	57%				

All proceeds from Lot 11 sale donated to mcCr – see inside back cover for more details.

Purchaser..... *Price*.....

12 HAZELDEAN N634 (APR) (AI)

Born: **15/08/2017**
Society Ident.: **NHZN634**

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

HAZELDEAN DELIVER D211 (AI)
Dam: HAZELDEAN H1005
HAZELDEAN E402

AMFU	NHFU	CAFU	DDFU	MUSCLE	TEMP.	SHEATH
6	6	6	6	5	5	C-	2	5

ANGUS GROUP BREEDPLAN EBVS - APRIL 2019

	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	+1.1	+1.6	-4.4	+3.2	+42	+75	+97	+79	+17	+2.3	-7	+58	+4.8	+2.4	+1.8	-0.4	+2.4	+16	+118	+109	+125	+113
ACC%	48%	40%	85%	75%	69%	70%	68%	64%	56%	73%	40%	59%	59%	60%	61%	56%	56%	58%				

Purchaser..... *Price*.....

Top 5% | Top 10% | Top 20%

13 HAZELDEAN N1334 (APR)

Born: **09/10/2017**
Society Ident.: **NHZN1334**

RENNYLEA EDMUND NORE11
Sire: HAZELDEAN LYMINGTON L26
HAZELDEAN J51

GAR PROPHET USA16295688
Dam: HAZELDEAN J150
HAZELDEAN FUTURA A219

AMFU		NHFU		CAFU		DDFU				
Front	Rear	Front	Rear			MUSCLE	TEMP.	SHEATH
6	5	5	5	5	5	C+	2	4

ANGUS GROUP BREEDPLAN EBVS - APRIL 2019

	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	-1.1	-1.1	-1.2	+4.9	+48	+86	+108	+84	+18	+2.1	-6.3	+63	+7.2	+0.7	+0.1	0	+3.1	+18	+127	+115	+142	+118
ACC%	43%	38%	53%	61%	63%	65%	62%	55%	49%	69%	38%	54%	49%	53%	51%	48%	49%	50%				

Purchaser..... *Price*.....

14 HAZELDEAN N934 (APR)

Born: **02/09/2017**
Society Ident.: **NHZN934**

RENNYLEA EDMUND NORE11
Sire: HAZELDEAN LANCE L49
HAZELDEAN J279

HAZELDEAN GODRIC G1029
Dam: HAZELDEAN J1044
HAZELDEAN F900

Front	Rear	Front	Rear			MUSCLE	TEMP.	SHEATH
7	5	5	5	4	5	C	2	4

ANGUS GROUP BREEDPLAN EBVS - APRIL 2019

	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	+1.7	-5.9	+2.1	+38	+74	+95	+77	+15	+2.1	-7.8	+57	+4.7	+0.9	-0.1	+0.1	+2.9	+9	+128	+115	+145	+118
ACC%	41%	36%	52%	71%	64%	64%	62%	59%	49%	67%	37%	53%	47%	52%	50%	47%	48%	48%				

Purchaser..... *Price*.....

15 HAZELDEAN N28 (HBR) (AI)

Born: **30/07/2017**
Society Ident.: **NHZN28**

SITZ UPWARD 307RSV
Sire: KOUPALS B&B IDENTITY
B&B ERICA 605

HAZELDEAN HARLEQUIN H2
Dam: HAZELDEAN L107
HAZELDEAN G13

AMFU		NHFU		CAFU		DDFU				
Front	Rear	Front	Rear			MUSCLE	TEMP.	SHEATH
6	5	5	5	5	5	B-	1	4

ANGUS GROUP BREEDPLAN EBVS - APRIL 2019

	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	-2.2	-0.1	-5.2	+4.1	+53	+99	+125	+104	+23	+1.5	-2.7	+72	+6.5	-1.1	-0.9	+1.1	+1.7	+7	+117	+115	+120	+117
ACC%	46%	36%	84%	73%	68%	68%	65%	60%	54%	70%	37%	58%	56%	59%	56%	54%	56%	53%				

Purchaser..... *Price*.....

Top 5% **Top 10%** **Top 20%**

16 HAZELDEAN N306 (APR) (AI)

Born: **30/07/2017**
Society Ident.: **NHZN306**

CONNEALY CONSENSUS 7229 USA16447771
Sire: VAR GENERATION 2100 USA17171587
SANDPOINT BLACKBIRD 8809 USA16143141

RENNYLEA EDMUND NORE11
Dam: HAZELDEAN L25
HAZELDEAN J19

AMFU		NHFU		CAFU		DDFU				
Front	Rear	Front	Rear			MUSCLE	TEMP.	SHEATH
7	6	5	5	5	5	C	2	5

ANGUS GROUP BREEDPLAN EBVS - APRIL 2019																				
	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	+0.5	+0.9	-5.6	+4.7	+53	+96	+119	+101	+14	+2.2	-5.5	+74	+8	+0.4	-0.9	+1.3	+2.7	+4	+142	+131	+160	+133
ACC%	54%	49%	84%	74%	69%	70%	67%	63%	57%	73%	41%	60%	59%	61%	59%	56%	59%	58%				

Purchaser..... *Price*.....

17 HAZELDEAN N739 (APR)

Born: **20/08/2017**
Society Ident.: **NHZN739**

RENNYLEA EDMUND NORE11
Sire: HAZELDEAN KATZEN K416
HAZELDEAN H342

HAZELDEAN DIRK D174
Dam: HAZELDEAN F1052
HAZELDEAN D1273

AMFU		NHFU		CAFU		DDFU				
Front	Rear	Front	Rear			MUSCLE	TEMP.	SHEATH
7	5	5	5	5	5	C	2	4

ANGUS GROUP BREEDPLAN EBVS - APRIL 2019																				
	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	+3.3	+1.4	-7.2	+4	+44	+82	+110	+106	+15	+1.9	-9.1	+62	+4.1	0	-0.7	+0.8	+1.8	+19	+133	+117	+147	+124
ACC%	42%	34%	64%	73%	68%	68%	65%	62%	52%	71%	36%	56%	54%	55%	56%	51%	48%	55%				

Purchaser..... *Price*.....

18 HAZELDEAN N299 (APR) (AI)

Born: **30/07/2017**
Society Ident.: **NHZN299**

WERNER WAR PARTY 2417
Sire: VBR CHIEFTAN 3W21
VBR 1ND9 OF 611 NEW DAY#

TE MANIA BERKLEY VTMB1
Dam: HAZELDEAN K743
HAZELDEAN D1047

AMFU		NHFU		CAFU		DDFU				
Front	Rear	Front	Rear			MUSCLE	TEMP.	SHEATH
7	5	6	5	5	5	C+	1	3

ANGUS GROUP BREEDPLAN EBVS - APRIL 2019																				
	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	+2.8	+1.9	-8	+4.6	+54	+97	+117	+115	+13	+1.4	-7.1	+72	+5.2	+0.5	-0.7	+0.6	+2.1	-5	+134	+127	+147	+127
ACC%	45%	35%	84%	73%	68%	68%	66%	60%	53%	71%	38%	58%	54%	57%	54%	52%	53%	54%				

Purchaser..... *Price*.....

Top 5% **Top 10%** **Top 20%**

19 HAZELDEAN N405 (APR) (AI)

Born: **02/08/2017**
Society Ident.: **NHZN405**

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

RENNYLEA EDMUND NORE11
Dam: HAZELDEAN L349
HAZELDEAN J1610

AMFU		NHFU		CAFU		DDFU				
Front	Rear	Front	Rear			MUSCLE	TEMP.	SHEATH
6	5	6	5	5	5	C+	2	4

ANGUS GROUP BREEDPLAN EBVS - APRIL 2019

	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	+1.3	+2.2	-6.5	+3.9	+49	+91	+114	+90	+17	+3.2	-7.7	+66	+8.7	0	-0.4	+2	+1.7	+14	+145	+133	+156	+138
ACC%	50%	43%	66%	73%	69%	69%	67%	61%	54%	72%	39%	59%	58%	60%	57%	55%	57%	55%				

Purchaser..... *Price*.....

20 HAZELDEAN N369 (APR) (AI)

Born: **01/08/2017**
Society Ident.: **NHZN369**

CONNEALY CONSENSUS 7229 USA16447771
Sire: VAR GENERATION 2100 USA17171587
SANDPOINT BLACKBIRD 8809 USA16143141

RENNYLEA EDMUND NORE11
Dam: HAZELDEAN L326
HAZELDEAN H301

AMFU		NHFU		CAFU		DDFU				
Front	Rear	Front	Rear			MUSCLE	TEMP.	SHEATH
7	7	5	5	5	5	B-	1	5

ANGUS GROUP BREEDPLAN EBVS - APRIL 2019

	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	+1.2	-5.1	+4	+51	+87	+110	+94	+12	+3.4	-6.7	+66	+8.6	+1.3	-0.1	+1.3	+2.5	+26	+140	+127	+154	+131
ACC%	54%	49%	84%	74%	69%	70%	67%	63%	57%	73%	42%	60%	60%	62%	59%	56%	59%	58%				

Purchaser..... *Price*.....

21 HAZELDEAN N341 (APR) (AI)

Born: **31/07/2017**
Society Ident.: **NHZN341**

CONNEALY CONSENSUS 7229 USA16447771
Sire: VAR GENERATION 2100 USA17171587
SANDPOINT BLACKBIRD 8809 USA16143141

RENNYLEA EDMUND NORE11
Dam: HAZELDEAN L1322
HAZELDEAN J303

AMFU		NHFU		CAFU		DDFU				
Front	Rear	Front	Rear			MUSCLE	TEMP.	SHEATH
6	5	5	5	5	5	C+	1	5

ANGUS GROUP BREEDPLAN EBVS - APRIL 2019

	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	+1.3	+2.1	-5	+3.4	+47	+82	+102	+79	+14	+2.6	-5.6	+61	+9.7	+0.8	-0.4	+1.7	+2.4	+12	+135	+127	+146	+128
ACC%	52%	47%	85%	73%	68%	69%	67%	63%	56%	73%	40%	59%	59%	61%	58%	55%	58%	57%				

Purchaser..... *Price*.....

Top 5% **Top 10%** **Top 20%**

22 HAZELDEAN N811 (APR) (AI)

Born: **23/08/2017**
Society Ident.: **NHZN811**

CONNEALY CONSENSUS 7229
Sire: CONNEALY COMRADE 1385
HAPPY GEE OF CONANGA 919

KC HAAS GPS 15848590
Dam: HAZELDEAN J1577
HAZELDEAN F1118

AMFU		NHFU		CAFU	DDFU			
Front	Rear	Front	Rear			MUSCLE	TEMP.	SHEATH
6	6	5	5	5	5	C	1	5

ANGUS GROUP BREEDPLAN EBVS - APRIL 2019

	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	-0.7	-	-3.2	+6.5	+53	+98	+128	+127	+9	+2.7	-	+73	+3.7	-0.2	+0.2	+0.2	+2.1	-17	+121	+113	+132	+118
ACC%	28%	-	45%	65%	57%	57%	54%	50%	35%	63%	-	44%	33%	36%	35%	33%	33%	35%				

Purchaser..... *Price*.....

23 HAZELDEAN N660 (APR) (AI)

Born: **16/08/2017**
Society Ident.: **NHZN660**

RENNYLEA EDMUND NORE11
Sire: HAZELDEAN KATZEN K416
HAZELDEAN H342

TC TOTAL 410 USA14844711.
Dam: HAZELDEAN H646
HAZELDEAN B1064

AMFU		NHFU		CAFU	DDFU			
Front	Rear	Front	Rear			MUSCLE	TEMP.	SHEATH
7	6	5	4	4	5	C	1	3

ANGUS GROUP BREEDPLAN EBVS - APRIL 2019

	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	-0.1	+0.5	-6.2	+4.9	+58	+105	+135	+141	+16	+3.8	-10	+76	+5.7	+0.7	+0.2	+0.6	+2.2	+38	+153	+131	+173	+140
ACC%	46%	40%	85%	73%	68%	69%	66%	62%	53%	72%	40%	57%	54%	57%	55%	52%	53%	57%				

Purchaser..... *Price*.....

24 HAZELDEAN N1348 (APR)

Born: **09/10/2017**
Society Ident.: **NHZN1348**

RENNYLEA EDMUND NORE11
Sire: HAZELDEAN KIBBITZ K553
HAZELDEAN H434

CARRABAR DOCKLANDS D62
Dam: HAZELDEAN K113
HAZELDEAN D51

AMFU		NHFU		CAFU	DDFU			
Front	Rear	Front	Rear			MUSCLE	TEMP.	SHEATH
6	6	5	6	5	4	C	2	4

ANGUS GROUP BREEDPLAN EBVS - APRIL 2019

	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	+2.7	+1.4	-5.9	+4	+51	+90	+123	+103	+18	+2.5	-7.7	+71	+5	+1	+0.2	0	+2.4	-14	+141	+120	+156	+132
ACC%	44%	39%	53%	61%	62%	64%	61%	55%	50%	68%	40%	54%	49%	53%	51%	49%	49%	50%				

Purchaser..... *Price*.....

Top 5% **Top 10%** **Top 20%**

25 HAZELDEAN N474 (APR) (AI)

Born: **07/08/2017**
Society Ident.: **NHZN474**

WERNER WAR PARTY 2417
Sire: VBR CHIEFTAN 3W21
VBR 1ND9 OF 611 NEW DAY#

HAZELDEAN BOOMTIME D931
Dam: HAZELDEAN G581
HAZELDEAN X918

AMFU		NHFU		CAFU		DDFU			
Front	Rear	Front	Rear			MUSCLE	TEMP.	SHEATH
6	6	5	5	5	5	C	1	5

ANGUS GROUP BREEDPLAN EBVS - APRIL 2019

	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	-0.7	+0.2	-8.2	+6.6	+56	+102	+123	+115	+12	+1.9	-5.3	+76	+4.6	-2.3	-2.6	+1.8	+1.5	+10	+126	+125	+136	+121
ACC%	43%	30%	84%	74%	68%	69%	65%	60%	54%	71%	34%	57%	52%	55%	53%	50%	50%	53%				

Purchaser..... *Price*.....

26 HAZELDEAN N602 (APR) (AI)

Born: **14/08/2017**
Society Ident.: **NHZN602**

TE MANIA BERKLEY VTMB1
Sire: HAZELDEAN FLUKE F1023
HAZELDEAN B723

HAZELDEAN DELIVER D211 (AI)
Dam: HAZELDEAN G714
HAZELDEAN D810

AMFU		NHFU		CAFU		DDFU			
Front	Rear	Front	Rear			MUSCLE	TEMP.	SHEATH
6	6	7	6	5	5	C	1	5

ANGUS GROUP BREEDPLAN EBVS - APRIL 2019

	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	+2.8	-4.5	+4.3	+43	+79	+108	+102	+15	+2.8	-6.5	+67	+3.8	+0.6	-1.5	-0.8	+3.3	+19	+125	+108	+147	+113
ACC%	47%	40%	84%	74%	69%	69%	67%	63%	56%	70%	44%	61%	58%	62%	59%	56%	58%	57%				

Purchaser..... *Price*.....

27 HAZELDEAN N744 (APR) (AI)

Born: **20/08/2017**
Society Ident.: **NHZN744**

SYDGEN C C & 7 #
Sire: HOOVER DAM
ERICA OF ELLSTON C124 #

Dam: HAZELDEAN H1628

AMFU		NHFU		CAFU		DDFU			
Front	Rear	Front	Rear			MUSCLE	TEMP.	SHEATH
6	5	6	5	5	5	C	1	4

ANGUS GROUP BREEDPLAN EBVS - APRIL 2019

	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	+1.5	-0.3	-2.3	+4	+48	+92	+115	+92	+15	+2.5	-4.6	+70	+5.4	+0.4	0	+0.4	+2.3	+14	+127	+120	+137	+123
ACC%	54%	46%	84%	74%	69%	69%	67%	65%	61%	71%	43%	61%	58%	60%	59%	56%	58%	57%				

Purchaser..... *Price*.....

Top 5% **Top 10%** **Top 20%**

28 HAZELDEAN N1172 (APR)

Born: **17/09/2017**
Society Ident.: **NHZN1172**

SYDGEN BLACK PEARL 2006
Sire: HAZELDEAN LEBANON L332
HAZELDEAN H341

LAWSONS TANK VLY B1155
Dam: HAZELDEAN J785
HAZELDEAN G466

Front	Rear	Front	Rear			MUSCLE	TEMP.	SHEATH
7	6	5	5	5	5	C	2	4

ANGUS GROUP BREEDPLAN EBVS - APRIL 2019

	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	-1.7	+2.3	-5.2	+4.6	+49	+86	+120	+100	+18	+2.3	-6.5	+68	+5.2	+0.7	-0.2	-0.4	+2.9	-14	+130	+110	+147	+121
ACC%	44%	39%	54%	72%	65%	62%	62%	60%	50%	56%	37%	53%	49%	53%	51%	48%	49%	53%				

Purchaser..... *Price*.....

29 HAZELDEAN N548 (APR) (AI)

Born: **12/08/2017**
Society Ident.: **NHZN548**

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

HAZELDEAN NEW DESIGN D1052
Dam: HAZELDEAN F502
HAZELDEAN C39

AMFU NHFU CAFU DDFU

Front	Rear	Front	Rear			MUSCLE	TEMP.	SHEATH
7	5	5	5	5	5	C	1	5

ANGUS GROUP BREEDPLAN EBVS - APRIL 2019

	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	+0.8	+1.5	-6.2	+4.3	+46	+80	+107	+88	+15	+1.4	-5.3	+61	+5.5	+0.6	+1.7	0	+1.6	+12	+116	+108	+115	+115
ACC%	56%	51%	84%	75%	70%	70%	69%	67%	63%	73%	44%	62%	59%	62%	60%	57%	59%	60%				

Purchaser..... *Price*.....

30 HAZELDEAN N1075 (APR)

Born: **11/09/2017**
Society Ident.: **NHZN1075**

RENNYLEA EDMUND NORE11
Sire: HAZELDEAN LAKOTA L345
HAZELDEAN J644

HAZELDEAN BENEDICT B569
Dam: HAZELDEAN G850
HAZELDEAN D610

AMFU NHFU CAFU DDFU

Front	Rear	Front	Rear			MUSCLE	TEMP.	SHEATH
6	5	5	5	5	6	C	2	4

ANGUS GROUP BREEDPLAN EBVS - APRIL 2019

	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	+3.4	+3.6	-7.4	+2.2	+36	+68	+91	+70	+13	+2.2	-7.8	+52	+3.1	+1.9	+1.5	-0.2	+2.1	+7	+120	+109	+126	+115
ACC%	42%	35%	55%	71%	65%	66%	64%	60%	51%	68%	39%	55%	47%	52%	49%	47%	48%	51%				

Purchaser..... *Price*.....

Top 5% **Top 10%** **Top 20%**

31 HAZELDEAN N682 (APR) (AI)

Born: **17/08/2017**
Society Ident.: **NHZN682**

ARDROSSAN EQUATOR NAQA241
Sire: HAZELDEAN JAIPUR J140
HAZELDEAN C33

LAWSONS DINKY DI VLYZ191
Dam: HAZELDEAN F1126
HAZELDEAN X810

AMFU		NHFU		CAFU		DDFU				
Front	Rear	Front	Rear			MUSCLE	TEMP.	SHEATH
6	5	5	5	5	5	C-	1	3

ANGUS GROUP BREEDPLAN EBVS - APRIL 2019

	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	+4.7	+2.7	-3.2	+1.9	+36	+67	+93	+68	+20	+2	-5.4	+55	+3.8	-0.1	-0.9	+0.8	+1.5	+21	+107	+102	+108	+106
ACC%	50%	43%	84%	74%	69%	69%	67%	62%	55%	71%	44%	58%	56%	60%	58%	54%	56%	56%				

Purchaser..... *Price*.....

32 HAZELDEAN N909 (APR) (AI)

Born: **30/08/2017**
Society Ident.: **NHZN909**

RENNYLEA EDMUND NORE11
Sire: HAZELDEAN KATZEN K416
HAZELDEAN H342

HAZELDEAN D1204
Dam: HAZELDEAN F1054
HAZELDEAN D1285

AMFU		NHFU		CAFU		DDFU				
Front	Rear	Front	Rear			MUSCLE	TEMP.	SHEATH
6	5	6	5	5	5	C-	1	4

ANGUS GROUP BREEDPLAN EBVS - APRIL 2019

	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	+3.4	+1.7	-8.9	+3.7	+49	+85	+117	+117	+15	+4	-8.5	+68	+5	+2.3	+1.6	+0.2	+2.1	+8	+138	+118	+151	+130
ACC%	44%	36%	84%	74%	68%	67%	64%	61%	50%	68%	37%	55%	51%	55%	53%	50%	51%	54%				

Purchaser..... *Price*.....

33 HAZELDEAN N1200 (APR)

Born: **21/09/2017**
Society Ident.: **NHZN1200**

RENNYLEA EDMUND NORE11
Sire: HAZELDEAN LAKOTA L345
HAZELDEAN J644

TE MANIA BERKLEY VTMB1
Dam: HAZELDEAN G40
HAZELDEAN A90

AMFU		NHFU		CAFU		DDFU				
Front	Rear	Front	Rear			MUSCLE	TEMP.	SHEATH
6	5	5	5	4	5	C	1	5

ANGUS GROUP BREEDPLAN EBVS - APRIL 2019

	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	+1.4	+2.6	-4.8	+4.4	+47	+84	+114	+114	+13	+1.6	-8.5	+66	+6.4	+2	+0.8	-0.3	+2.6	0	+138	+116	+155	+127
ACC%	46%	41%	56%	72%	66%	67%	64%	61%	54%	70%	43%	57%	52%	55%	53%	51%	52%	53%				

Purchaser..... *Price*.....

Top 5% **Top 10%** **Top 20%**

34 HAZELDEAN N264 (APR) (AI)

Born: **28/07/2017**
Society Ident.: **NHZN264**

RENNYLEA EDMUND NORE11
Sire: HAZELDEAN KATZEN K416
HAZELDEAN H342

CARRABAR DOCKLANDS D62
Dam: HAZELDEAN K321
HAZELDEAN F419

AMFU		NHFU		CAFU		DDFU				
Front	Rear	Front	Rear			MUSCLE	TEMP.	SHEATH
6	6	5	5	5	5	C	1	5

ANGUS GROUP BREEDPLAN EBVS - APRIL 2019

	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	+4.6	+3.2	-9.2	+3	+51	+95	+126	+113	+17	+4.2	-11.4	+75	+6	+2.5	+1.4	-0.1	+2.5	+21	+162	+133	+182	+147
ACC%	48%	42%	85%	74%	69%	70%	67%	61%	54%	73%	42%	58%	56%	59%	57%	54%	55%	58%				

Purchaser..... *Price*.....

35 HAZELDEAN N375 (APR) (AI)

Born: **01/08/2017**
Society Ident.: **NHZN375**

ARDROSSAN EQUATOR NAQA241
Sire: HAZELDEAN JAIPUR J140
HAZELDEAN C33

BROKEN BOW USA16764044
Dam: HAZELDEAN K1601
HAZELDEAN G1643

Front	Rear	Front	Rear			MUSCLE	TEMP.	SHEATH
6	5	5	5	5	5	C+	1	4

ANGUS GROUP BREEDPLAN EBVS - APRIL 2019

	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	+4.5	+4	-5.6	+1.9	+41	+72	+102	+82	+18	+1.2	-4.9	+62	+4.9	-0.7	-1.3	+0.7	+1.8	+7	+115	+107	+120	+113
ACC%	49%	42%	85%	74%	68%	69%	67%	61%	53%	73%	41%	58%	56%	58%	56%	53%	55%	57%				

Purchaser..... *Price*.....

36 HAZELDEAN N853 (APR) (AI)

Born: **25/08/2017**
Society Ident.: **NHZN853**

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

MATAURI REALITY 839 14647008839
Dam: HAZELDEAN K1642
HAZELDEAN H1662

AMFU		NHFU		CAFU		DDFU				
Front	Rear	Front	Rear			MUSCLE	TEMP.	SHEATH
7	6	5	5	5	5	C+	2	4

ANGUS GROUP BREEDPLAN EBVS - APRIL 2019

	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	+1.5	-3.9	+4	+46	+83	+111	+109	+14	+2.6	-4.8	+64	+6.1	+2.1	+1.1	-0.7	+2.8	-3	+123	+109	+135	+117
ACC%	48%	43%	84%	74%	68%	69%	67%	61%	54%	72%	41%	58%	57%	59%	57%	54%	56%	56%				

Purchaser..... *Price*.....

Top 5% **Top 10%** **Top 20%**

37 HAZELDEAN N39 (HBR) (AI)

Born: **01/08/2017**
Society Ident.: **NHZN39**

EF COMPLEMENT 8088
Sire: MILLWILLAH COMPLEMENT NJWK108
MILWILLAH MITTAGONG H257

SYDGEN TRUST 6228 USA15354674
Dam: HAZELDEAN K111
HAZELDEAN C74

AMFU		NHFU		CAFU	DDFU			
Front	Rear	Front	Rear			MUSCLE	TEMP.	SHEATH
7	5	6	5	4	5	C+	3	4

ANGUS GROUP BREEDPLAN EBVS - APRIL 2019

	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	+2.4	+3.6	-5.2	+3	+46	+77	+102	+80	+13	+0.8	-4.3	+63	+9.2	+0.4	-0.6	+0.6	+1.8	+5	+118	+112	+119	+117
ACC%	47%	40%	84%	74%	68%	69%	65%	60%	51%	72%	37%	57%	52%	54%	53%	50%	50%	57%				

Purchaser..... *Price*.....

38 HAZELDEAN N19 (HBR) (AI)

Born: **28/07/2017**
Society Ident.: **NHZN19**

ARDROSSAN EQUATOR NAQA241
Sire: HAZELDEAN JAIPUR J140
HAZELDEAN C33

LAWSONS INVINCIBLE VLY C402
Dam: HAZELDEAN K342
HAZELDEAN FIELD F30

AMFU		NHFU		CAFU	DDFU			
Front	Rear	Front	Rear			MUSCLE	TEMP.	SHEATH
6	5	5	5	5	5	C	1	5

ANGUS GROUP BREEDPLAN EBVS - APRIL 2019

	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	+4.3	+2.7	-4.6	+1.7	+39	+71	+98	+77	+18	+2.6	-5	+61	+6.2	-1.2	-1	+0.9	+2.3	+25	+120	+110	+129	+115
ACC%	50%	44%	85%	74%	69%	69%	68%	62%	54%	73%	43%	58%	57%	60%	58%	54%	56%	57%				

Purchaser..... *Price*.....

39 HAZELDEAN N1187 (APR)

Born: **19/09/2017**
Society Ident.: **NHZN1187**

RENNYLEA EDMUND NORE11
Sire: HAZELDEAN LEVI L595
HAZELDEAN D614

HAZELDEAN B580
Dam: HAZELDEAN D759
HAZELDEAN B994

AMFU		NHFU		CAFU	DDFU			
Front	Rear	Front	Rear			MUSCLE	TEMP.	SHEATH
6	5	5	4	4	5	C	1	4

ANGUS GROUP BREEDPLAN EBVS - APRIL 2019

	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	+1.5	-0.8	-4.4	+4	+42	+77	+99	+80	+17	+2.2	-5.1	+59	+4.2	+0.5	-0.1	+0.7	+1.9	+21	+111	+108	+115	+108
ACC%	40%	33%	52%	71%	64%	65%	62%	57%	50%	68%	37%	53%	44%	49%	46%	44%	44%	45%				

Purchaser..... *Price*.....

Top 5% **Top 10%** **Top 20%**

40 HAZELDEAN N58 (HBR) (AI)

Born: **09/08/2017**
Society Ident.: **NHZN58**

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

WKREPLAY USA16154968
Dam: HAZELDEAN F67
HAZELDEAN B185

AMFU		NHFU		CAFU		DDFU			
Front	Rear	Front	Rear			MUSCLE	TEMP.	SHEATH
6	6	5	5	5	5	C-	1	3

ANGUS GROUP BREEDPLAN EBVS - APRIL 2019

	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	-0.1	+2.5	-4.2	+4.3	+47	+78	+97	+75	+16	+2	-6.4	+56	+7.4	-1.2	-1.8	+2.5	+1.1	+19	+117	+118	+118	+115
ACC%	50%	41%	69%	74%	70%	70%	69%	64%	57%	73%	39%	59%	57%	60%	57%	54%	57%	58%				

Purchaser..... *Price*.....

41 HAZELDEAN N837 (APR) (AI)

Born: **24/08/2017**
Society Ident.: **NHZN837**

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

TWYNAM D111 NXTD111
Dam: HAZELDEAN H17
HAZELDEAN B466

AMFU		NHFU		CAFU		DDFU			
Front	Rear	Front	Rear			MUSCLE	TEMP.	SHEATH
6	5	5	5	5	5	C	1	3

ANGUS GROUP BREEDPLAN EBVS - APRIL 2019

	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	-0.1	+0.5	-2.1	+4.1	+41	+74	+96	+86	+15	+0.1	-4.6	+58	+6.1	+0.8	-0.3	-0.2	+2.6	+12	+107	+101	+115	+102
ACC%	47%	39%	65%	74%	69%	69%	67%	63%	55%	72%	40%	57%	54%	56%	55%	51%	53%	57%				

Purchaser..... *Price*.....

42 HAZELDEAN N948 (APR)

Born: **04/09/2017**
Society Ident.: **NHZN948**

RENNYLEA EDMUND NORE11
Sire: HAZELDEAN LANCE L49
HAZELDEAN J279

BROKEN BOW USA16764044
Dam: HAZELDEAN J1555
HAZELDEAN E744

AMFU		NHFU		CAFU		DDFU			
Front	Rear	Front	Rear			MUSCLE	TEMP.	SHEATH
6	5	5	5	5	5	C	1	4

ANGUS GROUP BREEDPLAN EBVS - APRIL 2019

	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	+2.5	+1.6	-3.4	+2.3	+44	+79	+99	+69	+13	+1.9	-7.1	+59	+6.5	+0.4	-0.3	+0.7	+2.3	-9	+130	+121	+139	+123
ACC%	43%	37%	58%	70%	64%	65%	62%	59%	49%	69%	38%	54%	48%	52%	50%	47%	48%	49%				

Purchaser..... *Price*.....

Top 5% **Top 10%** **Top 20%**

43 HAZELDEAN N1000 (APR)

Born: **07/09/2017**
Society Ident.: **NHZN1000**

RENNYLEA EDMUND NORE11
Sire: HAZELDEAN LYMINGTON L26
HAZELDEAN J51

HAZELDEAN GRENADINE G362
Dam: HAZELDEAN J914
HAZELDEAN G972

AMFU		NHFU		CAFU		DDFU			
Front	Rear	Front	Rear			MUSCLE	TEMP.	SHEATH
6	5	5	5	5	5	C	1	4

ANGUS GROUP BREEDPLAN EBVS - APRIL 2019

	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	-1.2	-0.7	-4.8	+5.4	+45	+78	+104	+90	+9	+0.7	-6.1	+60	+6.3	+0.3	-0.4	+0.4	+2.8	+23	+123	+110	+139	+114
ACC%	40%	33%	51%	71%	64%	64%	62%	59%	47%	66%	34%	53%	44%	47%	45%	43%	44%	49%				

Purchaser..... *Price*.....

44 HAZELDEAN N702 (APR) (AI)

Born: **18/08/2017**
Society Ident.: **NHZN702**

TE MANIA BERKLEY VTMB1
Sire: HAZELDEAN FLUKE F1023
HAZELDEAN B723

HAZELDEAN FERRYMAN F909
Dam: HAZELDEAN H1275
HAZELDEAN F938

AMFU		NHFU		CAFU		DD50%		
Front	Rear	Front	Rear			MUSCLE	TEMP.	SHEATH
6	5	5	5	5	5	D+	1	3

ANGUS GROUP BREEDPLAN EBVS - APRIL 2019

	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	+0.7	+0.1	-3.9	+5	+45	+78	+99	+82	+13	+1.7	-7.4	+64	+7.3	+1.6	-0.6	-0.9	+3.4	-1	+122	+109	+140	+112
ACC%	46%	38%	85%	74%	69%	69%	67%	63%	55%	70%	42%	60%	57%	61%	59%	55%	57%	55%				

Purchaser..... *Price*.....

45 HAZELDEAN N1093 (APR)

Born: **12/09/2017**
Society Ident.: **NHZN1093**

HAZELDEAN HARLEQUIN H2
Sire: HAZELDEAN LLEWELLEYN L706
HAZELDEAN H1604

HAZELDEAN ERUPT E322 (APR)
Dam: HAZELDEAN G1058
HAZELDEAN D429

AMFU		NHFU		CAFU		DDFU			
Front	Rear	Front	Rear			MUSCLE	TEMP.	SHEATH
7	6	6	5	5	6	C	2	5

ANGUS GROUP BREEDPLAN EBVS - APRIL 2019

	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	-1.9	+1.5	-3.2	+4.3	+43	+75	+97	+84	+13	+1.2	-2.5	+56	+3.7	-0.3	-0.4	-0.2	+2.6	-5	+96	+96	+101	+94
ACC%	37%	29%	50%	70%	64%	65%	63%	58%	48%	68%	31%	52%	42%	46%	44%	41%	42%	46%				

Purchaser..... *Price*.....

Top 5% Top 10% Top 20%

46 HAZELDEAN N701 (APR) (AI)

Born: **18/08/2017**
Society Ident.: **NHZN701**

TE MANIA BERKLEY VTMB1
Sire: HAZELDEAN FLUKE F1023
HAZELDEAN B723

LT 598 BANDO 9074
Dam: HAZELDEAN 9074 D1225
HAZELDEAN Z559

AMFU		NH2%		CAFU	DDFU			
Front	Rear	Front	Rear			MUSCLE	TEMP.	SHEATH
6	5	6	5	5	5	C	2	4

ANGUS GROUP BREEDPLAN EBVS - APRIL 2019

	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	+1.5	+1.2	-1.7	+3.9	+38	+70	+87	+74	+14	+3	-7.6	+57	+3.9	+2.1	+0.7	-1.6	+3.6	+7	+113	+103	+130	+103
ACC%	49%	43%	85%	73%	68%	68%	66%	62%	56%	69%	46%	61%	59%	62%	60%	56%	59%	55%				

Purchaser..... *Price*.....

47 HAZELDEAN N971 (APR) (AI)

Born: **05/09/2017**
Society Ident.: **NHZN971**

EF COMPLEMENT 8088
Sire: MILLWILLAH COMPLEMENT NJWK108
MILWILLAH MITTAGONG H257

WKREPLAY USA16154968
Dam: HAZELDEAN F338
HAZELDEAN D772

AMFU		NHFU		CAFU	DDFU			
Front	Rear	Front	Rear			MUSCLE	TEMP.	SHEATH
6	6	5	5	5	5	C	1	5

ANGUS GROUP BREEDPLAN EBVS - APRIL 2019

	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	+3.2	+3.1	-4.9	+3	+43	+75	+99	+74	+18	+0.7	-6.3	+56	+9.3	+0.3	-0.6	+1	+1.8	+5	+124	+116	+129	+121
ACC%	47%	39%	85%	74%	69%	70%	66%	62%	52%	72%	37%	57%	52%	55%	54%	50%	50%	58%				

Purchaser..... *Price*.....

48 HAZELDEAN N1252 (APR)

Born: **25/09/2017**
Society Ident.: **NHZN1252**

VAR RESERVE 1111 USA16916944
Sire: HAZELDEAN KILLARNEY K972
HAZELDEAN C829

DUNOON GOTHIC BHRG531
Dam: HAZELDEAN K884
HAZELDEAN F548

AMFU		NHFU		CAFU	DDFU			
Front	Rear	Front	Rear			MUSCLE	TEMP.	SHEATH
6	5	5	5	4	5	C	1	4

ANGUS GROUP BREEDPLAN EBVS - APRIL 2019

	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	-2.3	-1.2	+0.4	+4.3	+44	+74	+95	+82	+15	+1.5	-6.4	+58	+3.5	+1.4	+0.8	-0.7	+2.1	+10	+96	+93	+97	+94
ACC%	38%	30%	57%	71%	64%	65%	62%	57%	46%	68%	31%	52%	43%	46%	45%	42%	42%	47%				

Purchaser..... *Price*.....

Top 5% Top 10% Top 20%

Notes

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 buyer

And 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 Hazledean, 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.

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7. **PAYMENT**
   Via the selling agent's terms and conditions.

8. **DELIVERY**
   Arrange transport of livestock at your expense.

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

Check us out on:

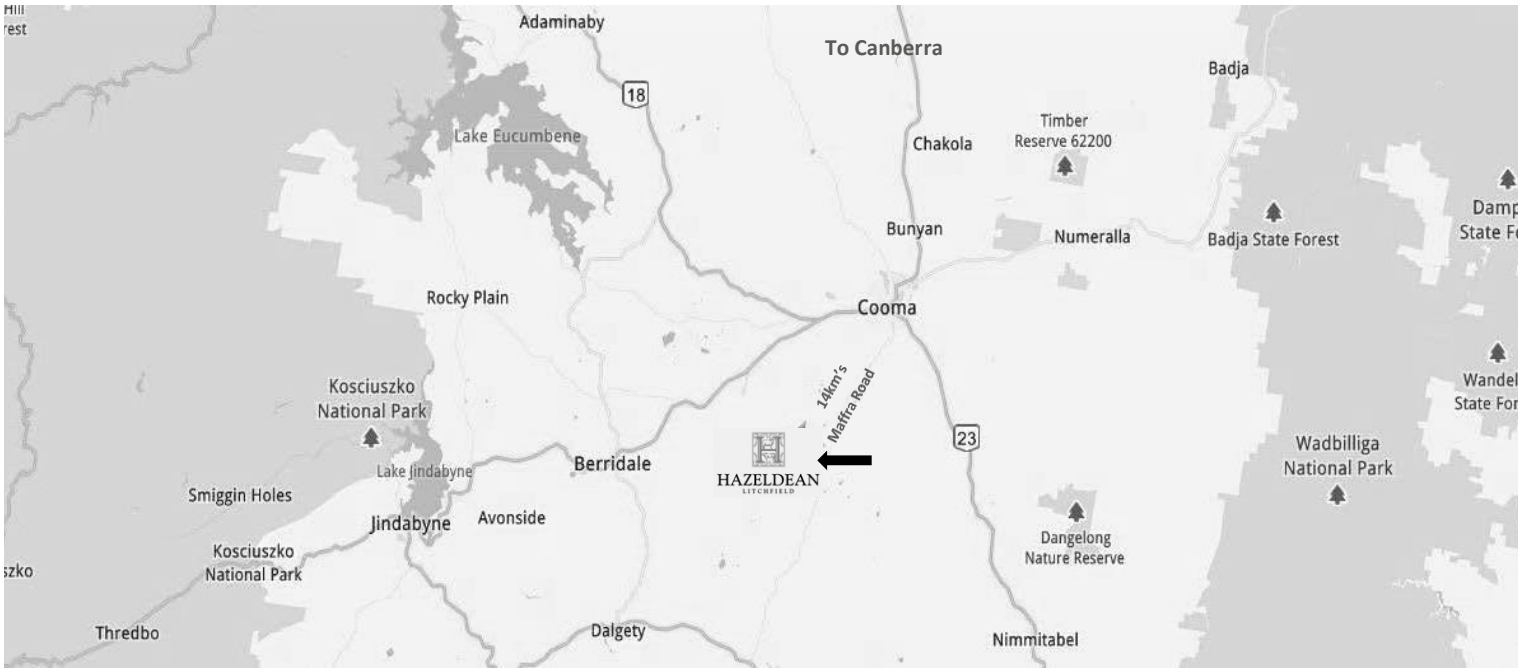
Directions to Hazeldean from Cooma

If you are entering Cooma from the Canberra (Eastern) end turn left at the first roundabout in the centre of town by the park. If entering from the Jindabyne (Western) it will be a right turn at the second roundabout. Follow this street, Bombala St, (also the Snowy Mountains Highway to Bega and the South Coast) until you reach a bridge over the Cooma Creek on the outskirts of town. Turn right just before the bridge. The sign says Bobundara 34 and also Church Rd.

Follow this road exactly 14kms from the turn and the Hazeldean mailbox and entrance is on the right - about 1 km past the only bridge you cross on the Bobundara Rd.

Airports

Hazeldean is located 1.5 hours' drive south of Canberra near Cooma. There are daily flights from all Capital cities to Canberra airport. Hazeldean is 20 minutes from the Snowy Mountains/Cooma Airport which is all weather and has lights. For privately chartered aircraft please contact 02 6452 5999 for more details.



Where to stay

Nebula Motel	**Altair Motel**	**White Manor Motel**
42 Bombala Street	192 Sharp Street	252 Sharp Street
02 4552 4133	02 6452 1211	02 6452 1152

When booking mention you are coming for the Hazeldean sale and they will give you a great deal.

Monaro Spectacular

Proudly presented by mcCr
Monaro Committee for Cancer Research Inc

23, 24 & 25 May, 2019

NICE AND SMOOTH OPERATOR

All proceeds donated to mcCr

Lot 11

This year Bea is involved in mcCr's fundraiser event Monaro Spectacular, dancing among a group of locals to raise funds for our local community affected by cancer.

HAZELDEAN
LITCHFIELD
EST 1865

Monaro Committee for Cancer Research (mcCr) is a local charity whose aim is to provide opportunities for our community to support cancer research, local cancer care facilities and our Financial Assistance Scheme (FAS). For more information visit the mcCr website

Donate @ mccr.org.au

mcCr
Monaro Committee for Cancer Research

SUPPORTING CANCER SERVICES ON THE MONARO

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