

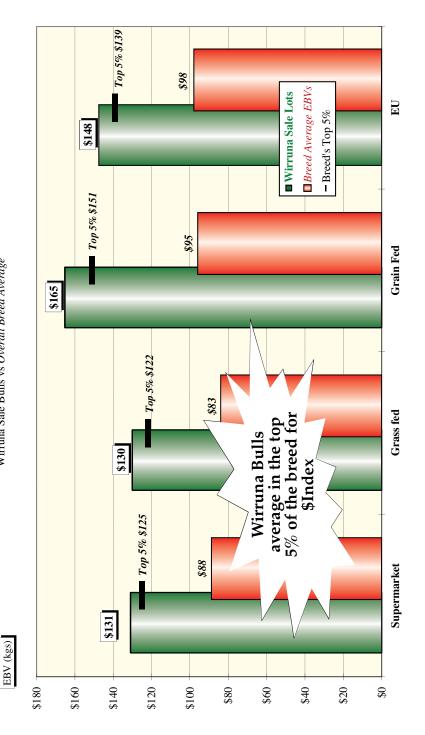
WIRRUNA poll herefords

# 70<sup>th</sup> Birthday Bull & Female Sale

Using the Helmsman Buying System

Wednesday, March 13, 2019

COMPARISON OF \$INDEX VALUES
Wirruna Sale Bulls vs Overall Breed Average





# 70<sup>th</sup> Birthday Bull & Female Sale

Offering....

63 x Poll Hereford Bulls
11 x PTIC Breeders as Individual Lots
62 x PTIC Breeders as Group Lots

Using the Helmsman Buying System

To be held undercover at
"Spring Valley" Holbrook NSW

# Wednesday, 13th March, 2019

Inspection from 10.00 am - Auction: Bulls 1.00 pm

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Ph: (02) 6027 3125 Mob: (0408) 739 559

**TELEPHONE BIDDING 1.00 PM** 

Sale shed mobile 1 (0408) 637 267 Sale shed mobile 2 (0429) 362 559 Sale shed mobile 3 (0419) 263 205



Please bring this catalogue to the sale to be sure of having one.

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# Autumn 2019 '70<sup>th</sup> Bírthday Sale'

This year marks our 70th year of Wirruna Poll Herefords and we wish to celebrate this milestone at our Autumn sale.

At the time of writing, many of us are dealing with drought feeding, water challenges and record heatwave conditions scorching most of our properties. A tough time for people and livestock! Nevertheless we know that every day, is one day closer to the break and we also know that the base fundamentals of the cattle business conditions in Australia are very sound with Hereford cattle that can be run at low cost in challenging environments coupled with strong domestic and export demand and a 'clean & green' reputation of quality beef that should see things turn around when the green grass returns.

The cattle breeding business is a long term venture and requires long term thinking. If you buy a bull offered to you in this catalogue, they do not have a significant bearing on your business for another couple of years at least and can genetically influence your herd for another 15 years. The importance of buying the 'right' genetics however cannot be overstated. On average, 87% of genetic composition of calf crop is determined by the sires used over the last 3 generations, so choose wisely.

Wirruna pride itself on running one of the most disciplined breeding programs in the country and a leading herd for driving genetics focused on helping commercial beef producers improve their beef herd profitability.

This sale includes older sires that have been used at Wirruna. The 'N' bulls offered are 18 months old. These bulls represent some of the best genetics available in the country. They are grassfed, independently assessed for fertility and structure and are ready to work in your herds. As usual, this catalogue includes a complete set of performance, fertility and structural information as you have come to expect from Wirruna Poll Herefords.. This sale also includes an offering of breeding females, all preg tested in calf

To assist you in making your bull selections, a on-line video of sale bulls is available on the Wirruna website (www.wirruna.com) allowing you to preview individual lots and better prepare your selections for sale day.

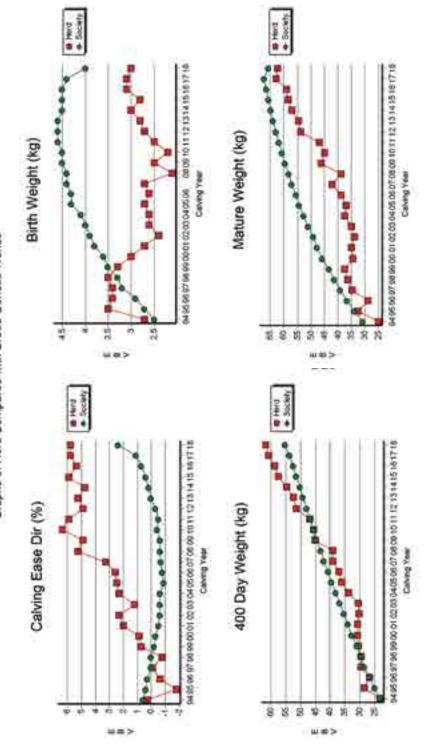
We hope you will be able to come and enjoy our sale day or if not, operate on AuctionsPlus. Please let us know if we can be of any assistance in making your selections.

The Locke Family



# **GENETIC AUDIT OF WIRRUNA HERD**

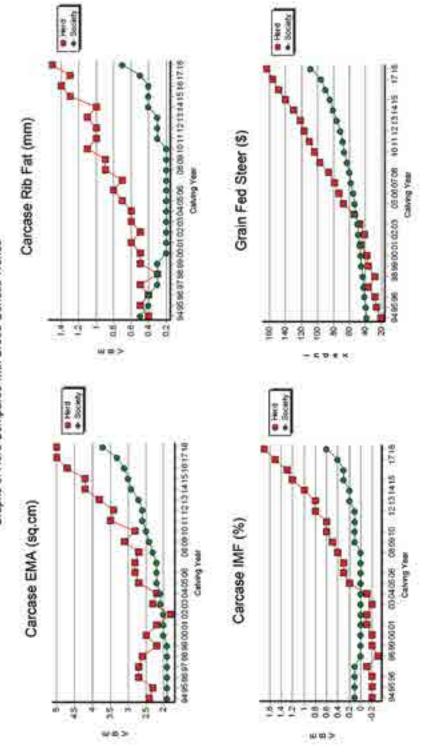
January 2019 Hereford GROUP BREEDPLAN Graphs of Herd Compared with Breed Genetic Trends





# **GENETIC AUDIT OF WIRRUNA HERD**

January 2019 Hereford GROUP BREEDPLAN Graphs of Herd Compared with Breed Genetic Trends





# To assist you in making the correct selection for your herd, please note...

- No lots have been hoof trimmed.
- No lots were assisted at birth.
- All bulls are up to date with Vibrio, Pestivirus and 7 in 1 vaccinations. Additionally, all lots are individually tested negative as pestivirus carriers.
- All bulls have been examined for structural soundness and muscle scores have been assessed by Liam Cardile of Beef Excel on December 7, 2018.
- All bulls were also assessed for fertility by Vets of the Holbrook Veterinary Centre including service ability test, testicle measurements and palpation.
- The ultrasonic scanning for fat depth, eye muscle area and intra-muscular fat was done September 28, 2018 (at 13 months) by Liam Cardile (Accreditation Status No. 1033).
- Level of Feed Supplementation. A 10% ration of pellet & silage supplementation has been provided in the 3 months leading up to sale.
- A quick reference list of all sale bull EBV's is summarised in the middle of this catalogue, along with the average EBV's for animals born in 2017.
- A whole farm Biosecurity Plan is in place overseen by Vets of the Holbrook Veterinary Centre. This can be made available for inspection upon request. Wirruna Poll Herefords maintain the highest herd health status with regards to Johnes Disease (J-BAS 8). This program is equivalent to the CattleMAP program where Wirruna had an MN3 status since 1999.



- Transfer of Registration. Bulls are registered with the Herefords Australia Ltd and the transfer of registration can be arranged by request of the purchaser. Lots not registered are clearly identified.
- NLIS. As a client service Wirruna will transfer the NLIS tag to your PIC following delivery. Please provide your PIC.

## Completeness of Performance



# Wirruna Poll Herefords ★★★★ '5' STAR BREEDPLAN RECORDER

The 'Completeness of Performance' herd rating system has recently been introduced to assess the quantity of pedigree and performance information that has been submitted to BREEDPLAN by individual seedstock herds. A simple 1 to 5 scale star rating is calculated based on the proportion of calves and number of performance traits recorded. Herds with a '5' star rating are considered to be gold standard and are recording 'complete' performance information.



# Quality Beyond Genetics

The *Wirruna Poll Hereford* herd has come a long way since it was founded in 1949. When Richard Locke succeeded his father as principal of the stud in the early 1970's, he was frustrated by the stud industry's concentration on showing cattle rather than being aligned to the needs of commercial cattleman. Although *Wirruna* cattle achieved notable success in the 'show ring', the stud made fundamental change in direction in 1972 to Performance Testing focused on selecting a herd based on high performance and high fertility under commercial (grass-fed) stress conditions.

Today's cow herd at *Wirruna* comprises 600 registered females and is the result of decades of careful trait selection for improved calving ease, milk, muscle, marbling and growth rate, without substantial increases in birth weight and with no compromise to temperament, structural soundness & fertility. With selection for fertility being our highest priority, we continue to screen out animals that do not perform under high stocking rate pressure, well above district average. Every cow that exists in the Wirruna herd does so because she had a live calf at 2 years old (resulting from a 6 week joining) and has continued to raise a live calf through to weaning every year with no exceptions and no favourites.

The quality inherent in a *Wirruna Bull* is a result of being a product of this exceptional cow herd. Our history of over 70 years selection and over 15,000 animals recorded on Group Breedplan give clients confidence that *Wirruna Bulls* are accurately described and offer reliable and predictable performance that will meet their breeding objectives. All sale bulls are serving ability tested and examined by an independent veterinarian for structural and breeding soundness.

Wirruna believes that modern seedstock production goes beyond just good genetics. Seedstock producers must focus on servicing a wide range of client needs that extends well before and well after the point of sale. Wirruna offer an unequalled guarantee, are tested free (J-BAS 8) for Johne's Disease, subscribe to the Seedstock Producers Code of Practise and offer a level of client and back-up service that helped us to be named the 1995 National Seedstock Producer of the Year, and the 2002 NSW Seedstock Producer of the Year. Quality assurance is important to us and complements our commitment to offering a quality product.

We are dedicated to seedstock excellence.

The Locke Family

## **MISSION STATEMENT**

"Wirruna is dedicated to seedstock excellence. Our 'Quality Beyond Genetics' approach is to provide fully described & predictable genetics, genuine back-up service and add-on client services aimed at helping clients to achieve long term beef herd profitability."

# Wirruna Breeding Objective

"Wirruna's breeding objective is to breed Bulls that are fully described and have the genetic & physical ability to meet market specifications and breeding objectives of the client. Keeping in mind that a balance is required where the female portion of the progeny are required to be highly fertile and efficient."

The major strategies to achieve this objective are listed as follows:

- The Wirruna herd should be a role model for profitable commercial beef herds in southern, higher rainfall zones of Australia. With emphasis on fertility, the cow herd, under high stocking rates will set optimum productivity levels based on per hectare, rather than per head parameters to promote efficient low maintenance cattle.
- Cattle to be run under strict commercial stress conditions with no grain feeding for production.
- Produce cattle of moderate birth weight with optimum growth, carcase quality and muscularity that meet market specifications.
- Performance test to accurately describe growth, carcase and fertility traits.
- Maintain inherent structural soundness and docility.
- Endeavour to reduce the risk of product failure to the Bull buying client.
- Strive to make the bull sale a beginning of a relationship, ......not the end of one.



#### SALE ARRANGEMENTS

GST: The auction will be conducted on a GST exclusive basis. GST will be

added to the sale price.

**Settlement:** You may elect to settle immediately after the sale or through

your agent. Unless prior arrangements have been agreed with the vendor, purchased bulls will not be available for delivery until

payment is made.

Transport: Daily flight services to Albury & Wagga Wagga. Holbrook also has

an all weather strip.

**Accommodation:** Excellent accommodation is available in Holbrook and Albury.

Catering: A light lunch will be available.

**Delivery:** Unless prior arrangement has been made with the vendors, cattle

may remain at "Spring Valley" for no longer than one week from the date of sale - in all cases, every care would be taken, but the risk remains with the purchaser. Cattle purchased for interstate destinations will be held free of charge until regulation tests have

been completed. Insurance facilities will be available.

**Agents Commission:** We encourage successful bidders to settle with us on the day. A

rebate of 6% will be paid to all agents who attend the sale with or on behalf of their clients. A rebate of 1% will be paid to all agents introducing clients, but do not attend the sale. Introductions should be in writing, fax or email sent to the vendors at least 12 hours prior

to the sale.

Guarantees: All bulls are sold on a credit or money-back guarantee. This

condition is valid only for a period of **twelve months** after date of sale and the vendor receives notification of infertility, not caused by injury, together with a certificate from a registered veterinarian on or before that date. All bulls, for which claims are made under these guarantees, are to be delivered free of charge by the purchaser to any place mutually agreed upon. More information on the Wirruna

Guarantee is provided on page 19.

Cattle would be free to go to all states of Australia subject to the necessary tests required by the State of destination. Should any animal fail to pass a required test the purchaser shall have the right to either cancel the sale or have a replacement animal made

available.

## Quality Assurance









## Helmsman - A Client Friendly Buying System

An alternative to the traditional stud auctions is the Helmsman buying system. First used at the "Helm View" Sale in March, 1990, the design arose out of concerns that the traditional auction system served the needs of agents and vendors well but neglected the needs of bull buyers, "the customers".

It combines the best features of both the auction system and sale by private treaty; you get first pick and pay market value without any pressure:

- 1. Prospective buyers need to register prior to the start of the sale, indicating their trading details and whether or not they have been introduced by an agent. Each is given a buyer number.
- 2. The sale cattle are on display as usual, with all relevant Breedplan, fertility and carcass information present in your catalogue.
- 3. When the sale commences, all sale lots are on the market simultaneously. You may bid on any lot, regardless of lot number. You can also bid on multiple lots at once. A large, easy-to-read board will be located nearby, displaying lot number, buyer number and bid value (or Reserve Price). This allows you to see at a glance whether your bid still stands or has been overbid.
- 4. Bids are written on a card and presented to a "runner", and the board is up-dated. A "Sale Presenter" will announce each bid as it is recorded.
- 5. You may open bidding on any bull at it's reserve price and further bids in multiples of the minimum bid amount will be accepted. Minimum bid amounts are:

 Bull lots \$500 Individual female lots \$250 Group female lots \$50

- 6. A bid once submitted and recorded cannot be retracted, and the person submitting such bid will be responsible for it until it is overbid.
- 7. All cattle are for sale simultaneously for a period of 20 minutes. Further bidding will then result in one minute extensions until a full one minute "no bid" period which will conclude the sale.
- 8. The sale is interfaced with AuctionsPlus with the Helmsman system meshing perfectly with the simultaneous on-line auction in real time. Remote & on-site bidding is available via your computer, ipad or smart phone. For those not able Auctions Plus to attend the sale, you should register within 24 hours prior to the sale in order to bid.www.auctionsplus.com.au or Phone 02 9262 4222.



9. In an effort to help the sale reach a timely conclusion, Wirruna Poll Herefords reserves the right to double the minimum bid amount once the sale has been running for 1.5 hours. The option would be announced by the sale commentator and would also include the minimum bid amounts on AuctionsPlus.

#### THE BENEFITS

- 1. You have more time to consider lodging a bid. You can place genuine bids on any bull of your choice at any time during the sale period.
- 2. You have the opportunity to re-assess each lot during the sale period and move freely between one lot and another depending on what you could afford without any pressure to make an instant decision.
- 3. You take home the cattle you want, irrespective of lot order.
- 4. If you need more than one bull, Helmsman gives you a better chance to average your purchase costs.
- 5. There is a better opportunity to arrange the shared purchases of a lot if your budget is exceeded.

## Using Performance Information

Wirruna Poll Hereford Stud was a foundation member of the National Beef Recording Scheme in 1972 and has over 15,000 cattle recorded on **Breedplan**.

Breedplan is a performance evaluation program that describes the genetic profile of an animal for a number of commercially important traits. An estimate of the animals 'breeding value' is given an EBV (Estimated Breeding Value), a figure that compares the animal to the breed benchmark of zero (0) for each trait. A positive EBV (+) is higher than breed benchmark whilst a negative (-) EBV is lower than the benchmark.

The EBVs presented in this catalogue are January 2019 GROUP BREEDPLAN EBV's and can be directly compared with only January 2019 Group Breedplan EBVs of other Hereford & Poll Hereford herds. To evaluate the performance profile of a bull, its EBVs can be directly compared with the EBVs of other bulls and against the current breed average EBV for each trait as shown below.

					I EBV'S (kg for calves b			
C Ease Direct	C Ease Dtrs	Gest Length	Birth Weight	200 Day Growth	400 Day Weight	600 Day Weight	Mat Day Weight	200 Day Milk
+1.1	+1.2	-0.3	+4.4	+33	+54	+77	+67	+16

The EBV is the best estimate of an animals genetic merit for that trait.

Accuracy figures for each EBV are given. This percentage (%) accuracy reflects the likelihood of the EBV changing as further performance information about the animal becomes available. The higher the accuracy figure, the smaller is both the chance and likely magnitude of change.

EBVs are calculated for the following traits.

CALVING EASE

Calving Ease (CE) EBV's are based on CE scores, birth weight and gestation length information. More positive EBV's are favourable and indicate easier calving.

DIR.

Direct calving ease indicates how this animal influences the birth of its progeny.

DTRS.

Daughters calving ease indicates how well the animal produces daughters that

have easier calving.

**BIRTH** 

Gestation Length GL EBV (days) is based on AI records. Lower (-ve) GL EBV's indicate easier calving

and increased growth after birth.

Birth Weight

BWT EBV (kg) is based on measured birth weight of animals, adjusted for dam age. The lower the birthweight EBV of a sire, the lighter is the birthweight potential of his progeny and lower the likelihood of a difficult birth. High birthweight is

generally associated with increased calving problems in heifers.

High birthweight EBV bulls can be used on mature cows without any problems. Wirruna recommend joining heifers to bulls with birthweight EBVs at or below breed average ie. Preferably below EBV +4.2 and positive calving ease EBV's.

Bull lots in this catalogue that are suitable for joining to heifers in typical low dystocia herds are denoted with an 'Easy-calve' logo.

GROWTH

200 Day Growth Indicates weight advantage at 8 to 10 months of age. Place emphasis on this EBV if you are selecting cattle to finish for earlier markets, keeping in mind the maturity pattern required for the trade you are targeting.

400 Day Weight Indicates weight advantage at yearling age. Place emphasis on this EBV if you are producing steers destined for the domestic and/or yearling steer market, plus improve the growth of your yearling heifers to improve conception rates.

600 Day Weight Indicates weight advantage beyond yearling age. Place emphasis on this EBV if you

are breeding for the heavy weight end of markets or want to extend the growth potential of your progeny. High EBVs for 600 Day Wt indicates a later maturing sire whose progeny will reach optimum finish at a heavier weight when compared to a

lower EBV Bull for that trait.

Mature Weight Mature Cow Weight EBV (kg) is an estimate of the genetic difference in cow weight

at 5 years of age. Smaller, or more moderate EBV's are generally more favourable.

Wirruna has argued strongly for the development of this EBV, as the race for high growth traits has been to the detriment of retaining fertile, efficient low

maintenance cows within the breed.

**200 Day Milk** MILK EBV (kg) reflects extra calf weight at weaning due to the milking and

mothering ability of a bulls daughters.

If you wish to improve milk in your female herd, select bulls with well above breed average EBV for this trait. Be aware that there is a trade-off between milking ability and fertility when conditions get tough. If you are selecting a bull as a terminal sire and will not be retaining his daughters then select the best growth bulls within the desired maturity type and disregard the milk EBV.

#### CARCASE

RBY%

**Wirruna** have used ultrasonic scanning to assess muscle and fat since 1990. Intra-muscular fat (IMF) measurements have been measured since 1998. The carcase EBVs generated are a useful tool that will gain in accuracy and importance as more generations are scanned and analysed. With the increasing emergence of value based marketing of beef, carcase quality & meat yield are major factors influencing boning room profitability and ultimate producer returns. **Wirruna** is currently placing significant emphasis on carcase traits in sire selection.

G		EEDPLAN are breed a			e)	MUSCLE SCORE
Carcase Weight	EMA (cm²)	Rib Fat (mm)	P8 Fat (mm)	RBY%	IMF%	Range A 🖝 E
+48	+3.1	+0.4	+0.5	+0.8	+0.3	

Carcase Weight CWT EBV (kg) estimates the genetic difference in carcase weight at a standard age of 650 days.

01 050 days.

EMA Eye Muscle Area EBV (cm²) estimates genetic differences in the eye muscle area at the 12th/13th rib site of a 300kg dressed carcase. More positive (+) EBV's indicate

better muscling on animals.

Fat Depth Rib and Rump Fat EBV (mm) estimates the genetic differences in fat depth at the

12th/13th rib and P8 site in a 300kg dressed carcase. More positive EBV's indicate more

subcutaneous fat and earlier maturity.

Two fat EBV's are available as there is variation between animals regarding fat depth at the two sites. These EBV's are important if you want to change the fattening

pattern of progeny and fat has a positively influence on fertility rates in heifers.

Retail Beef Yield Percent EBV (%) represents total (boned out) meat yield as a

percentage of a 300kg dressed carcase. A more positive EBV indicates higher

percentage yield for the 300 kg carcase size.

IMF% Intra-muscular Fat Percent EBV (%) is an estimate of the genetic difference in

the percentage of intra-muscular fat at the 12th/13th rib site in a 300kg carcase. Depending on market targets, larger more positive values are generally more

favourable.

Muscle Score Sandy Yeates (formally of NSW Dept of Ag) has shown that well-muscled steers (C,

C+, B- to B) attract a greater premium than lesser muscled steers (less than C). In fact, an average premium of \$80 was paid for B muscled steers above C muscled. Animals with high muscle score have a higher proportion of their carcases made up with hindquarter cuts and have more even fat distribution requiring less fat trim. As muscle score increases, so too does dressing percentage and carcase yield.

However, improving muscularity in the herd is a slow process as extremes must be

avoided.

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#### **FERTILITY**

**Wirruna** bulls are subject to a breeding soundness evaluation (structure and fertility) by independent veterinarians of *Holbrook Veterinary Centre*. **Wirruna** only offer bulls that are fertile and structurally sound.

As with many genetic traits, fertility cannot be physically seen when inspecting a bull. Consequently, **Wirruna** measure various facets of fertility to assist clients to make an informed bull choice.

. –	RTILITY INFORMATION s are breed av. calves born	=
Scrotal Size EBV (cm)	DC EBV (days)	Scrotal size (cm)
+2.0	-2.7	>32 cm

Scrotal Size EBV SS EBV (cm) is an indicator of male fertility in regards to semen quality and quantity.

Also positively associated with female fertility, a higher (positive EBV) indicates

higher fertility.

Days to Calving DC EBV (days) is an indicator of female fertility based on time between the cows

first exposure to a bull and when she subsequently calves. Cows that calve late in the season or fail to calve are penalised. This is more useful as a sire trait. Lower (-ve) EBV's are preferred indicating short days to calving for the sires daughters.

Scrotal Size Testicles are examined for firmness, conformation, congenital defects and size. All bulls must have firm testicles that measure at least 32 cm by 18 months of age.

Serving Ability All sale bulls are assessed on their ability to physically serve. Wirruna strongly

recommend that you get your sires tested annually.

The highest risk of bull failure is in his first season. Mating your bull to 80% of his mating potential initially is advised to reduce this risk. We suggest a mating load of up to 40 for virgin bulls.

The Hereford GROUP BREEDPLAN Estimated Breeding Values contained in this sale catalogue were compiled by the Agricultural Business Research Institute (ABRI) from data supplied by the breeders. Neither Herefords Australia Ltd nor the ABRI oversee or audit the collection of this data.

The EBV's in this catalogue are January 2019 Group Breedplan. With monthly updates, EBVs can and do change as more data is submitted.

This can mean that updated EBVs at sale time may differ to that printed in this catalogue.

### HEIFER BULLS

Dystocia levels in whiteface heifers in the higher rainfall zones of South-east Australia vary considerably, but nevertheless, on average are unacceptably high. As a seedstock producer, we aim to challenge heifers to target around 5% assistance levels and cull accordingly so that we are selecting for calving ease. In a commercial herd, an acceptable level of dystocia (assistance and stillbirths) in a herd varies with each manager. An economic loss becomes a concern above 5% whereas there may not be enough selection pressure for growth and muscling at a level below 5%.

There are many factors that influence dystocia levels, time of calving, heifer age, nutrition throughout pregnancy, pelvic area, heifers' own genetic influence on birth weight and gestation length. Nevertheless, Sires have the dominant influence through birthweight and calf shape.

There is more variation in the potential for bulls to cause calving difficulty **within breeds** than there is **between breeds**. The practise of using bulls of another breed to mate heifers is likely to be less successful than choosing the right bull with-in the breed that you already have.

To reduce calving difficulty in heifers choose a bull with:

<u>Positive calving ease ÉBVs</u> - Direct and for the longer term, its daughters.
 Use bulls with above average calving ease.

<u>Low Birthweight EBV</u> - itself and back through it's pedigree.
 Use bulls with below breed average birthweight (target less than +4.2)

 <u>Correct Shoulder Conformation</u> - Select bulls with narrow sloping shoulders. Some bulls can look tapered from front to back. Bulky shouldered bulls with shoulder blades that protrude and are straighter than 45% should be avoided.

The Specialist Heifer Bulls in this catalogue are selected for having the better calving ease characteristics as detailed above, not only in its own performance information, but also in their sire and dam. These are targetted at herds who want to significantly improve calving ease in their animals.

Generally, there are bulls in this catalogue that are **suitable for joining** to heifers in typical low dystocia herds. These are denoted with an 'Easy-calve' logo.



#### \$Index

Selection indices are now available. Known as Breedobject \$Index, these indices are designed to allow balanced selection for various market end-points and breeding objectives. Developed by the Animal Genetics and Breeding Unit (AGBU) at UNE in Armidale, this technology applies various weightings to the potential 17 EBV's now available to give a single EBV that reflects the value of an animal, to your breeding objective, in dollar terms. They rank animals for a single selection goal – profit.

Generic indexes have been developed for a number of Hereford specific markets of self-replacing herds. These are included in this catalogue and are as follows:

- Supermarket Index This production system assumes a typical self-replacing herd in temperate Australia targeting short grain-fed or grass-finished steers for the domestic supermarket trade with some marbling requirement. Steers are assumed to be marketed at a liveweight of 450kgs at 17 months of age.
- Grass-Fed Steer Index This production system assumes a typical self-replacing herd in temperate Australia targeting grass-finished steers with some marbling requirement. Steers are assumed to be marketed at a liveweight of 600kgs at 23 months of age.
- Grain Fed Steer Index This production system assumes a typical self-replacing herd in temperate Australia targeting production of steers for 125 day feedlot finishing period for grain fed markets. Steers are assumed to be marketed at a 600 kg liveweight at 20 months. There is a significant premium for marble score of 2 or greater.
- EUROPEAN UNION (EU) INDEX Estimates the genetic differences between animals in net profitability per cow joined for an example commercial herd targeting pasture grown and finished steers for the EU market with no marbling requirement. Steers are assumed marketed at 620 kg live weight (340 kg HSCW and 14 mm P8 fat depth) at 24 months of age. Daughters are retained for breeding.

		OBJECT \$INDEX erage for calves born 20	17)
Supermarket	Grass fed	Grain fed	EU Index
\$88	\$83	\$95	\$98

Indexes allow balanced selection in the true sense of the word – they apportion the amount of selection pressure that needs to be applied for growth, maternal, carcase and fertility traits to give you the most profitable herd over the long term. High indexing animals will rarely have the highest EBV for any single trait. The weightings depend on the economic importance of individual traits and account for antagonisms between traits.

January 2019 Hereford GROUP BREEDPLAN - Percentile Bands for all 2017 born animals Jse this table as a guide to compare individual animals with the current genetic level of the breed

+129 +123 +113 +110 +103 +100 +154 9 476 +72 09+ +46 吕 +97 +93 +87 484 89 <del>1</del>9+ +151 +122 +111 +101 +34 S +97 <del>1</del>93 £89 +85 +77 +62 +57 +48 £8 +137 +122 +102 +107 +70 +36 +95 gs <del>1</del>91 +88 +85 +82 +67 +59 <del>1</del>54 +139 +125 +111 +102 66+ 96+ +92 06+ +64 +53 440 SM +87 +84 ±81 0.12 0.10 10.10 +0.12 +0.19 0.14 0.07 0.01 분 Extra +19 D00 ရ 43 4-32  $\varphi$ 4 9+ 42 4 7 Ŧ 9 Ņ က္ ç ۲. 6 6.0+ 40.8 +0.7 9.0+ +0.5 +0.4 +0.4 +0.2 0.4 0.7 0.1 0.1 % +1.6 +1.5 +1.0 +1.0 9.0+ +1.2 +0.8 9.0+ +0.5 +0.2 +2.4 + +0.9 +0.7 4.0+ +0.3 +0.0 0.2 9.0 +2.2 6.0+ +0.8 +0.5 0.0 +0.7 +0.4 0, 0.5 0.7 \_ 17 8 0 Е +2.1 +1.2 +1.0 6.0 P.0 +0.8 +0.7 +0.6 +0.5 40.4 +0.3 +0.2 0.0+ 1.0 10.1 0.1 0.2 0.4 9.0 sq.cm 15.5 4.6 53.8 13.6 13.5 +3.3 +3.2 13.0 +2.6 6.0 +2.7 +2.2 +2.4 12.1 +75 +63 9 +49 +47 +43 +33 +25 Š₹ +67 +58 +57 -55 54 +52 15 150 441 +39 +37 δ days +0.2 5.9 4 4 4 3.2 3.0 2.9 2.7 2.5 2.3 0.5 20 3.4 2 1 Fert +2.5 +2.2 +1.9 +1.8 +0.3 +3.2 +2.7 +2.4 +2.3 +2.0 +1.7 E +2.1 SS 19 +18 +18 +17 +16 +16 +15 +15 +13 +12 +12 Σ 50 +17 414 +14 +22 9 +21 6+ +106 +72 ₩ +85 +79 +74 +70 +68 +59 +20 +95 +82 +77 99+ 46 4 +38 +21 +110 +100 900 +95 +82 +79 +77 +75 +73 +70 +65 +62 +53 440 491 88 98+ 484 480 +67 +59 ð 9/+ <sup>+</sup>29 470 +58 +55 +54 +52 +49 +46 444 +38 +48 400 994 +64 -62 9 -59 +56 +53 +51 42 +35 +34 +33 +30 +28 +23 +17 200 42 4 539 538 +37 136 134 +32 +31 <del>1</del>31 +27 -25 +4.6 +2.3 +2.8 +3.2 +3.8 14 +44 +4.8 +5.1 +5.3 +5.6 +5.8 +6.4 +8.4 +6.1 Bwt Birth +5.2 9.0 0.2 ÷0.1 +1.2 5.7 0 +0.5 +0.7 +2.1 GL 44.6 +6.4 +5.3 13.5 13.0 +2.5 +2.1 +1.3 +0.8 40.4 0.0 6.9 Dtrs +8.4 +1.7 0.4 2 +12.4 +1.0 +9.8 +8.0 46.8 +5.7 44.8 +3.2 +2.4 +1.7 +0.4 12.4 2.4 High 15% High 20% High 30% High 35% High 40% High 45% High 10% High 25% 15% 10% High 1% High 5% Low 40% Low 35% Low 30% Low 25% \_ow 20% Low 45% Low 1% Low

Note: Percentile Bands for 2017 Born Calves are provided as a useful tool to compare where a particular animal is placed relative to the breed for individual traits or \$Index values. In this catalogue, yellow shading indicates traits that rank in the top 20% of the breed and black shading is a top 5% ranking.

# 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.

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



Call **Liam Cardile** on 0409 572 570

# How to use The Beef Class Structural Assessment System

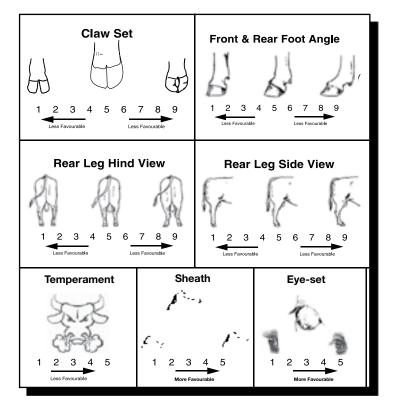
#### WIRRUNA POLL HEREFORDS STRUCTURAL PROGRAM:

The 2019 Wirruna 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 Wirruna sale bulls were assessed by **Liam Cardile** of BEEFXCEL on 7th December 2018.

#### 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.



#### **GENOMICS AT WIRRUNA**

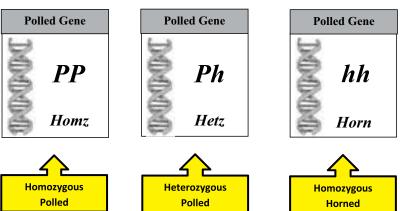
Genomics means the study of the Genome, or genetic make-up of an organism. In recent years, new technologies relating to the actual genes that animals carry have become available to the livestock industries. These include new ways to extract DNA, and run on a SNP (Single Nucleotide Polymorphism) panel to identify DNA markers for key traits & genetic conditions. In fact, many thousands of markers, depending on the size of the SNP panel.

Genomic tests are useful to seedstock breeders for parent verification and to better explain the genetic makeup of an animal, simple traits like the Coat colour, Poll/Horn gene and genetic diseases can be readily identified, but also more complex traits can be measured, due to the large number of markers available, to give us better calculations of an animal's genetic merit. There are currently genomic predictions for traits like calving ease, milk, average daily gain, marbling, docility, carcase weight and residual feed intake. Furthermore, being in its infancy, more traits will be added as the technology develops.

In 2017, we saw the implementation of Single Step BREEDPLAN. This is a significant milestone for the International Beef Recording Scheme at ABRI. In the Single Step analysis, SNP genotypes, along with the normal pedigree & performance information, are being incorporated into the calculation of BREEDPLAN EBVs. From the commercial beef producer's perspective, things won't look much different! However, in the calculations and accuracy of EBVs there will be significant improvements allowing you, the beef cattle producer, to make more accurate breeding decisions with enhanced and more accurate breeding values.

Wirruna have routinely DNA tested all Sires, Donor Dams and sale bulls for many years. Now we are moving to full DNA testing all animals. Wirruna have been at the forefront of this technology and have more genotypes contributed to the Hereford reference population than any other Hereford herd in Australia. This should give you confidence that our data is the best quality that it can be to give you the best tools to make your Breeding decisions.

All sale bulls have gene test results to identify those that are true polled, or homozygous polled (PP), and those that carry the horn gene, or heterozygous polled (Ph). The poll gene results are reported as follows.



All progeny of a PP homozygous polled bull will be polled. Heterozygous polled bulls (Ph), on the other hand, can throw horned progeny if the horn gene is also present in the cow. The test is a very useful tool for those herds who wish to genetically dehorn progeny. Generally, strong poll herds do not need to focus on the gene due to the dominance of the poll gene (P) to the horn gene (h).



## WIRRUNA GUARANTEE

WIRRUNA

Many seedstock producers guarantee their bulls. Wirruna offers a unique Bull Guarantee as it also helps to cover the client's risk of a bull not siring a satisfactory number of calves due to the fault of his own fertility.

Wirruna does everything we practically can to ensure a bull is fertile and removes bulls that are unfit to be mated. Given that no one can absolutely guarantee a bulls' fertility, you do buy at your own risk. However, in an effort to share this risk, Wirring offer this guarantee which is valid for the next mating only and annual testing is strongly recommended.

All bulls are independently examined for:

- structural soundness,
  - sesticle size and conformation, and
- serving ability test

# What does Wirruna Guarantee?



#### **Bull Infertility**

If a tested Wirruna bull is unable to sire calves as a result of a fathere of his own fertility during his first mating, we will either:

- replace him with an equivalent bull
- give credit towards future purchases
- refund the purchase price of the buil-

#### **Bull Sub-fertility**

In the case of a sub-fertile bull not able to achieve an adequate number of programsies during his first mating we will either:

- offer a proportioned credit towards future purchases.
- partly refund the purchase price of the bull



#### Compensation for lost pregnancies

Furthermore, we also compensate you for the pregnancies that the bull failed to get for you, by means of either.

- a credit towards future purchases
- a cash refund equal to the loss of pregnancies incurred by the owner

Let's assume that you more your new \$5,000 bull to his advised How does it work? maximum making load of 40 cows. If the cows are boundary, you and free of diseases capable of causing reproductive failure, you maximum mating load of 40 cows. If the cows are healthy, cycling.

should expect 36 (90% for cows, 85% for heifers) of them to conceive over a 9 week joining period. Let's say that only 20 conceive and it can be independently confirmed by a registered veterinarian of a fertility problem in the bull not caused by injury or acquired disease. We will compensate the owner \$100 per additional empty cow above that normally expected. Eg. (36-20) x \$100 = \$1,600, representing the commercial difference in value between the 16 empty cown and 16 pregnant ones. Furthermore, we give a credit or refund on the purchase price of the bull proportional to the missed and expected pregnancies. In this case, the owner will receive 16 of 36 (44%) of \$5,000 = \$2,222 plus the compensation of \$1,600 = \$3,822.

The infertile or sub-fertile bull is then to be sold on the vendor's behalf or delivered to a place mutually agreed upon by both parties.

# What is your obligation? performance of the bull where the cows are diligently managed to recognised industry standards. The bull

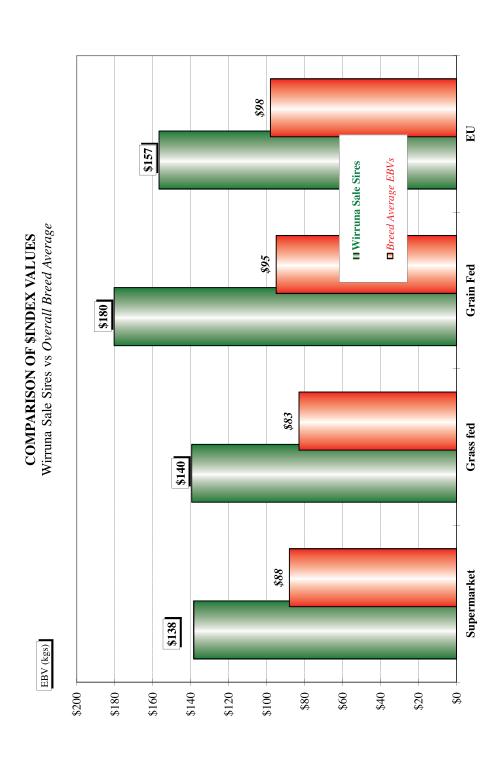
This guarantee is not a replacement for good. management. It is aimed at appropriately covering the owner has a duty to observe joining, monitor later cycling, pregnancy test and communicate any problems

within 3 months of the bull being taken out of the cows, so as to quickly resolve problems and get on with the beef breeding business. Early pregnancy testing is essential good female management and detection of early surprises is a good loss mitigation measure.

Wirrum does their utmost to produce bulls that are valued by their new owner for their ability to lower their cost per pregnancy and to improve their herd's genetic worth. We believe that if we put your interests first, you will be a more satisfied client. This guarantee, amongst the best on offer in Australia, shares the financial risk within the vital first year of purchasing a buil and clearly demonstrates the confidence that we have in our bulls along with the commitment that we have to you after sale day

The Locke Family.

	₹.																		į	H	OHIMA	AI SIRE PERFORMANCE DATA	A
			CALVING EASE	G EASE			GROWI	GROWTH & MATERNAL	ERNAL		FERTILITY	LITY			CARC.	CARCASE DATA EBV's	A EBV's				SINDEX VALUE	ALUE	
Sire Name	Animal Ident	Calv Esc Dir	Calv Ese Mat	Ol.	Birth Weight	200 Day Growth	400 Day Weight	Weight	Mature Weight	Genetic Milk	Serotal Size EBV	Days to Calving	CWT (kg)	(sq cm)	Rib Fat (mm)	P8 Far (mm)	(%)	IMF (%)	Trial	Supermark et	Grass Fed	Grass Fed Grain Fed EU Index	Lot Nos
ARDO BISMARCK	OSA0277144256NZHB	+14.1	+8.7	1.6-	9.0	+24	+43	+58	+26	+12	9:0-	-3.6	+55.0	+6.0	+1.4	+1.9	+1.8	+0.7	6+	+\$113	+\$116	+\$134 +\$127	7 46, 52
ALLENDALE ANZAC E114	AEDE114	-2.5	-1.9	-0.7	+7.2	+49	+81	+114	+105	+20	+4.1	-2.2	+76.0	+6.3	+1.3	+2.0	+0.0	+2.1	+21	+\$127	+\$121 +\$159	+\$159 +\$137	7 12,14,16,21,22,23,29,32,36,57
INJEMIRA REDFORD J084	IHSJ084	+5.0	+5.3	-3.6	+4.0	+46	+75	+106	+101	+21	+3.0	9.0-	+79.0	+5.3	+0.1	+0.3	+1.9	+0.9	+3	+\$130	+\$130 +\$124	+\$141 +\$140	0 40
KCF BENNETT REVOLUTION X51	OSA43081556AHR	6.9+	+3.7	+0.7	+4.7	+49	08+	+103	465	+17	+3.4	-4.8	+86.0	+86.0 +12.2	+1.8	+1.6	+2.2	+1.8	7	+\$163	+\$163	+\$163 +\$163 +\$208 +\$185	5 6,8,17,28,30,31,33,34,35,38
MOUNT DIFFICULT CADBURY	MTTC8	+14.9	+10.8	-6.2	+0.5	+38	<del></del>	+87	+87	+16	+2.5	-3.8	+77.0	6.44	+1.6	+2.4	+0.7	+1.3	+23	+\$136	+\$135	+\$136 +\$135 +\$155 +\$148	8 18
ORARI GORGE MISCHIEF 120083	OSA0400120083NZHB	6.7+	+4.7	-4.0	+2.8	+36	+70	+95	+72	+20	+4.1	7.1	+67.0	+3.6	+2.1	+3.1	-0.4	+1.2	<i>L</i> -	+\$147	+\$146	+\$147 +\$146 +\$176 +\$161	11, 19, 41, 42, 44, 53, 59
																							,
Reference Sires - WPHS																	Ь	ррос	K SIR	E PERF	ORMA	PADDOCK SIRE PERFORMANCE DATA	A
			BIRTH EBV's	EBV's			GRO		.V's		FERTILITY	TLITY			CARCA	CARCASE DATA EBV's	A EBV's				SINDEX VALUE	ALUE	
Sire Name	Animal Ident	Calv Ese Dir	Calv Ese Mat	GL	Birth Weight	200 Day Growth	400 Day Weight	600 Day Weight	Mature Weight	Genetic Milk	Serotal Size Days to EBV Calving	Days to Calving	CWT (kg)	(sq cm)	Rib Fat (mm)	P8 Fat (mm)	(%)	IMF (%)	Trial Docility	Supermark et	Grass Fed	Grass Fed Grain Fed EU Index	Lot Nos
WIRRUNA FLETCHER F214	WNAF214	+6.4	+6.4	9.9-	+4.1	+45	69+	+95	99+	+20	+1.6	-5.1	0.69+	+5.2	0.0+	1.7	+1.3	+2.4	L-	+\$141	+\$140	+\$141 +\$140 +\$195 +\$165	5 1,10,13,15,27,43,49,56,58
WIRRUNA FORT F382	WNAF382	+6.4	+6.3	-3.0	+2.1	+30	+49	+70	+35	+10	+2.8	9.9-	+55.0	6.4	+1.4	+2.0	+0.7	+2.2	+13	+\$136	+\$140	+\$136 +\$140 +\$189 +\$159	9 2, 20, 25, 47, 48, 51, 60
WIRRUNA JUSTIN J13	WNAJ13	+4.2	4.8	-5.0	+2.5	+43	+71	+87	8+48	+13	+2.5	7.7-	+75.0	8.9+	+2.7	+3.9	+0.7	+1.1	9+	+\$151	+\$152	+\$151 +\$152 +\$182 +\$168	3,4
WIRRUNA KANE K18	WNAK18	+8.3	+3.2	-5.2	+4.0	+38	+65	+91	+87	+15	+4.8	8.9-	+72.0	4.8	+1.8	+2.8	-0.1	+1.9	7	+\$143	+\$142	+\$143 +\$142 +\$180 +\$162	2 39
WIRRUNA KILLARA K106	WNAK106	+6.7	+2.4	-4.5	+4.8	+40	99+	+87	69+	+15	+3.7	-7.4	+64.0	+5.7	0.0+	6.0-	+2.0	+1.0	8-	+\$135	+\$133	+\$135 +\$133 +\$168 +\$161	1 62
WIRRUNA KEITH K169	WNAK169	-1.3	-5.7	-2.9	+4.1	+40	+65	+82	+62	+14	+2.6	-6.2	+72.0	+8.1	+2.8	+4.4	+0.3	+2.2	+12	+\$126	+\$128	+\$126 +\$128 +\$168 +\$142	7 7
WIRRUNA KALIMNA K326	WNAK326	+7.5	7.7	-4.6	+0.8	+35	99+	+85	69+	+15	+4.0	6.3	+68.0	+5.2	+2.3	+3.1	9.0	+3.2	-10	+\$150	+\$152	+\$150 +\$152 +\$209 +\$169	9 37, 45, 50
WIRRUNA LANCE L74	WNAL74	+0.1	7.4	-3.8	+4.0	+43	99+	88+	+54	+19	+2.5	-4.7	+64.0	4.5	+1.1	+0.5	+0.4	+2.4	7	+\$127	+\$127	+\$127 +\$127 +\$178 +\$146	6 26
WIRRUNA LEDGER L285	WNAL285	+6.1	+0.3	2.0-	+4.2	+43	+72	<del></del>	+75	+22	+4.6	-4.7	+74.0	6.5+	+1.9	+2.7	-0.3	+2.1	45	+\$142	+\$140	+\$142 +\$140 +\$182 +\$156	6 24, 61
WIRRUNA LUXMAN L386	WNAL386	+13.8	+9.0	-4.8	0.7	16+	+50	+58	+18	+19	+2.5	-4.7	+56.0	+4.8	+1.4	+1.6	1.1	+1.3	<i>L</i> -	+\$121	+\$125 +\$155	+\$155 +\$138	8 54,55
WIRRUNA LINDLEY L477	WNAL477	-1.9	6:5+	-2.4	6'9+	4	+73	+106	+100	+20	+4.1	6.9	+67.0	4.	+2.2	+3.2	9.0-	+2.0	Π-	+\$141	+\$141 +\$137	+\$178 +\$156	6 63
Breed Ave. 17 drop			٠ -	ò		ŝ	73.	11.	19.	31.	00.	t	S	00.	90.	30.	0	10.	ç	000	603	200	
Ton 200, housely by Long Total	202	7.7.	77	9	000	8	6	8	8	Q/_	125	0.0	991	64.	C.0.1	10.7	113	90	۽ ۾	6106		-	Volume Habitate Doube is the box 0000
lop 20% of preed 17 ul	dα	/:0+	+4.0	0	47.0	+30	70+	+88	+02	+18	+5.3	2.5	4:30	0.44	110	+ + +	C  +	+0.0	8+	9100			J
700	110	80	79	3.3	6.0+	+42	UZ.T	100	107	66	43.9	20	±67	+5.5	116	667	+19	713	+15	\$125	\$122	S151 S139	Back Highlight: Banks in the ton 5%



#### **WIRRUNA MOLONG M010 (ET)**

M010

Pen No. 1 (Wirruna Sires)

Birth Date: 4-Aug-16 Society ID: WNAM010 Horn/Scurs/Poll: P

✓ One of the top Hereford calving ease sires - 27 progeny

A real carcase improver, combining top 5% IMF% with top 1% EMA

☑ ET calf out of a proven dam, offers milk, longevity & \$Indices in top 1%

Few bulls can beat this fellow for short gestation length - early born calves

'Star Lot', 50% Semen rights retained

NOOKEN VALERIAN 2

QUAMBY PLAINS STOCKMASTER Y118

QUAMBY PLAINS MAGPIE W9

Sire: WIRRUNA FLETCHER F214 (WNAF214)

MOUNT DIFFICULT UNGAR (S)

— WIRRUNA LAST DAY B16 (H)

WIRRUNA LAST DAY Z152

Easy-caive

KOANUI ROCKET Q334

KOANUI ROCKET 0219

KOANUI ANGEL R187

Dam: WIRRUNA CORA D9 (WNAD9)

MOUNT DIFFICULT FELLIS Y12 (AI)

WIRRUNA CORA B38

WIRRUNA CORA U68

Jan 2019 GROUP BREEDPLAN EBV's

11111	CALVIN	NG EASE			GROV	VTH & MATE	RNAL	
Calving Ease	Calving Ease	Gestation Length	Birth	200-Day	400-Day	600-Day	Mat Cow	Genetic
DIR (%)	DTRS (%)	(days)	Weight	Growth	Weight	Weight	Weight	Milk
+13.9	+10.5	-7.1	-1.4	+32	+56	+67	+36	+23
66%	52%	69%	88%	78%	76%	78%	71%	64%

FERT	ILITY			CAR	CASE			
Scrotal Size		Carc	EMA	Rib Fat	Rump Fat	RBY	IMF	
(cm)	Days to Calving	Weight	(sq cm)	(mm)	(mm)	(%)	(%)	Docility
+2.7	-5.2	+66	+6.9	+1.1	+1.0	+1.7	+1.7	+5
79%	49%	66%	60%	62%	65%	60%	62%	61%

		STRUC	FURAL ASSES	SSMENT	28-Sep-18		Temp.
Front Back 6 7	Front 6	Back	5	14/5	1	1-Oct-18	\$75° 2

	\$INDEX	VALUE		Polled Gene	Maturity	Mus Score	EY	ES
Supermarket	Grass Fed	Grain Fed	EU Index	₩ DL			la.	Eye Pigment
\$137	\$140	\$177	\$157	Ph Hetz	Mid	C+	10	100/100

Purchaser Price

Birth Date: 12-Aug-16 Society ID: WNAM126

Wirruna sire with long & smooth body siring 23 'P' calves

Horn/Scurs/Poll:

- A true curve-bending growth profile with exceptional \$Index values
- ablaDam selected as donor cow due to her neat udder & proven calf raising record
- Appreciate his docility, calving ease, strong marbling & high-end fertility traits

50% Semen rights retained

SOUTH BUKALONG WALKER 6

SOUTH BUKALONG WALLACE 2

SOUTH BUKALONG VICTORIA 152

Sire: WIRRUNA FORT F382 (WNAF382)

MOUNT DIFFICULT FELLIS Y12 (AI)

MOUNT DIFFICULT LORNA B123

**MOUNT DIFFICULT LORNA X73** 

Easy-calve

STUDBROOK D'ARTAGNION V086 (AI) (ET)

OTAPAWA SPARK 3060 (IMP)

OTAPAWA SPOT P30

Dam: WIRRUNA CIRCLE J124 (WNAJ124)

KOANUI ROCKET 0219

WIRRUNA CIRCLE F31

WIRRUNA CIRCE D80

Jan 2019 GROUP BREEDPLAN EBV's

<b>TITLE</b>	CALVIN	NG EASE			GROV	VTH & MATE	RNAL	
Calving Ease DIR (%)	Calving Ease DTRS (%)	Gestation Length (days)	Birth Weight	200-Day Growth	400-Day Weight	600-Day Weight	Mat Cow Weight	Genetic Milk
+9.1	+7.6	-4.3	+1.6	+38	+62	+90	+71	+17
62%	51%	77%	87%	77%	75%	77%	71%	60%

FERT	ILITY			CAR	CASE			
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA	Rib Fat	Rump Fat (mm)	RBY	IMF	Docility
(CIII)	Days to Carving	weight	(sq cm)	(mm)	(IIIII)	(%)	(%)	Doenity
+2.9	-4.9	+73	+5.0	+0.7	+1.2	+1.4	+1.6	+15
79%	46%	63%	56%	58%	62%	57%	59%	57%

	STRUCTURAL ASSESSMENT 28-Sep-18						Temp.
Front Back 5 6	Front 6	Back 7	K 6	W 5	1	4-Oct-18	\$ 1 m

	\$INDEX VALUE  Supermarket Grass Fed Grain Fed EU Index		Polled Gene	Maturity	Mus Score	EY	ES	
Supermarket	Grass Fed	Grain Fed	EU Index	⊠ DD			h.	Eye Pigment
\$145	\$144	\$178	\$163	Homz	Mid	C+	104	100/100

Purchaser Price

Birth Date: 13-Aug-16 Society ID: WNAM154 Horn/Scurs/Poll:

An excellent easy-doing, sound & proven Justin son

A leading bull for the fat traits to boost finishing & female fertility traits

✓ Combines carcase quality & quantity - top 5% EMA & top 1% IMF%

✓ Strong fertility traits contribute to the high \$Index values (top 1%)

50% Semen rights retained

CAPETHORNE HOT SHOT 03 22

MATARIKI HOLY-SMOKE

MATARIKI GIRLIE 00323

Sire: WIRRUNA JUSTIN J13 (WNAJ13)

WIRRUNA ELDAD E107

WIRRUNA DOREEN G393

WIRRUNA DOREEN E42

SOUTH BUKALONG WALLACE 2

WIRRUNA ECHUCA E99

WIRRUNA GOLDEN VANITY C32

Dam: WIRRUNA MADAM J74 (WNAJ74)

SOUTH BUKALONG WALLACE 2

**WIRRUNA MADAM E325** 

WIRRUNA MADAM A10

Jan 2019 GROUP BREEDPLAN EBV's

41111	CALVIN	NG EASE			GROWTH & MATERNAL					
Calving Ease	Calving Ease	Gestation Length	Birth	200-Day	400-Day	600-Day	Mat Cow	Genetic		
DIR (%)	DTRS (%)	(days)	Weight	Growth	Weight	Weight	Weight	Milk		
-4.6	+5.7	-2.9	+3.9	+42	+67	+92	+49	+15		
67%	49%	77%	86%	77%	75%	77%	70%	56%		

FERT	ILITY			CAR	CASE			
Scrotal Size		Carc	EMA	Rib Fat	Rump Fat	RBY	IMF	
(cm)	Days to Calving	Weight	(sq cm)	(mm)	(mm)	(%)	(%)	Docility
+3.1	-5.6	+66	+5.8	+2.8	+4.0	+0.3	+2.0	+7
79%	47%	64%	57%	61%	64%	57%	62%	56%

STRUCTURAL ASSESSMENT 28-Sep-18							Temp.
Front Back 6 6	Front 5	Back 6	5	11/5	1	4-Oct-18	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2

	\$INDEX	VALUE		Polled Gene	Maturity	Mus Score	EY	ES
Supermarket	Grass Fed	Grain Fed	EU Index	× DD			6.	Eye Pigment
\$137	\$137	\$180	\$151	Homz	Mid	C+	10	100/100

Purchaser\_ Price \_\_\_\_\_

#### **WIRRUNA MCLAREN M175 (AI)**

M175

Pen No. 1 (Wirruna Sires)

Birth Date: 13-Aug-16 Society ID: WNAM175 Horn/Scurs/Poll: P

abla	The standout Justin	son with	curve-bending	growth
------	---------------------	----------	---------------	--------

I like his stretchy body, conformation & clean front-end - proven with 15 progeny

☐ High value carcase boosting attributes - top 1% CWT, EMA & top 5% IMF% EBVs

✓ In the top 20 '2016 born' bulls for \$Index values -high profit EBVs

'Star Lot', 50% Semen rights retained

CAPETHORNE HOT SHOT 03 22

MATARIKI HOLY-SMOKE

MATARIKI GIRLIE 00323

Sire: WIRRUNA JUSTIN J13 (WNAJ13)

WIRRUNA ELDAD E107

— WIRRUNA DOREEN G393

WIRRUNA DOREEN E42

Easy-calve

SOUTH BUKALONG WALLACE 2

WIRRUNA FORT F382

MOUNT DIFFICULT LORNA B123

Dam: WIRRUNA LORNA J413 (WNAJ413)

MOUNT DIFFICULT ACCURATE (AI)

MOUNT DIFFICULT LORNA C11

MOUNT DIFFICULT LORNA A65

Jan 2019 GROUP BREEDPLAN EBV's

1111	CALVIN	NG EASE		GROWTH & MATERNAL					
Calving Ease	Calving Ease	Gestation Length	Birth	200-Day	400-Day	600-Day	Mat Cow	Genetic	
DIR (%)	DTRS (%)	(days)	Weight	Growth	Weight	Weight	Weight	Milk	
+4.0	+4.1	-4.0	+2.8	+43	+76	+94	+60	+14	
60%	45%	76%	85%	76%	74%	77%	69%	54%	

FERT	ILITY			CAR	CASE			
Scrotal Size		Carc	EMA	Rib Fat	Rump Fat	RBY	IMF	
(cm)	Days to Calving	Weight	(sq cm)	(mm)	(mm)	(%)	(%)	Docility
+2.5	-5.6	+82	+7.3	+1.9	+2.5	+1.2	+1.5	+11
78%	45%	63%	56%	59%	62%	55%	60%	55%

		STRUC	STRUCTURAL ASSESSMENT 28-Sep-18					
Front 6	Back 5	5 Back 6	5	14/5	1	4-Oct-18	\$ 1	

	\$INDEX	VALUE		Polled Gene	Maturity	Mus Score	EY	ES
Supermarket	Grass Fed	Grain Fed	EU Index	× DD			6.	Eye Pigment
\$149	\$149	\$185	\$166	Homz	Mid	C+	10	100/100

Purchaser\_\_\_\_\_ Price \_\_\_\_\_

Birth Date: 16-Aug-16 Society ID: WNAM214

Horn/Scurs/Poll:

WITHDRAWN FROM SALE

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**ALLENDALE PUNTER 3** 

ALLENDALE YACKA

ALLENDALE FLORRIE Z33

Sire: ALLENDALE ANZAC E114 (AEDE114)

ALLENDALE NATIONAL W168

ALLENDALE DAWN B22 (AI) (ET)

ALLENDALE DAWN T60 (AI)

Easy-calve

SCHU-LAR 5N OF 9L 3008 (IMP)

SCHU-LAR ON TARGET 22S (IMP)

SCHU-LAR 208 OF 1H 121 ET

Dam: WIRRUNA GOLDEN VANITY J102 (WNAJ102)

SOUTH BUKALONG WALLACE 2

WIRRUNA GOLDEN VANITY F7

WIRRUNA GOLDEN VANITY D229

Jan 2019 GROUP BREEDPLAN EBV's

11111	CALVIN	NG EASE		GROWTH & MATERNAL				
Calving Ease DIR (%)	Calving Ease DTRS (%)	Gestation Length (days)	Birth Weight	200-Day Growth	400-Day Weight	600-Day Weight	Mat Cow Weight	Genetic Milk
	` '					Ü	Weight	IVIIIK
+7.1	+4.3	-1.5	+2.3	+38	+69	+91	+66	+18
53%	46%	76%	76%	71%	71%	74%	68%	58%

FERT	ILITY			CAR				
Scrotal Size		Carc	EMA	Rib Fat	Rump Fat	RBY	IMF	
(cm)	Days to Calving	Weight	(sq cm)	(mm)	(mm)	(%)	(%)	Docility
+4.9	-4.3	+72	+6.2	+1.1	+1.5	+0.7	+1.6	+11
77%	40%	62%	55%	59%	62%	57%	58%	54%

		STRUCTURAL ASSESSMENT 28-S					Temp.
Front Back 5 5	Front 5	Back	T- 4	11/5	1	4-Oct-18	1 A STATE OF THE PROPERTY OF T

	\$INDEX	VALUE		Polled Gene	Maturity	Mus Score	EY	ES
Supermarket	Grass Fed	Grain Fed	EU Index	⊠ DD			h.	Eye Pigment
\$141	\$140	\$176	\$157	Homz	Mid	C+	( ) A	100/100

Purchaser\_\_\_\_\_ Price \_\_\_\_\_

Birth Date: 29-Aug-16 Society ID: WNAM404 Horn/Scurs/Poll:

WITHDRAWN FROM SALE

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abla $\sqrt{}$ 

> FELTONS LEGEND 242 (IMP USA) MSU TCF REVOLUTION 4R

MSU TCF RACHAEL ET 54N

Sire: KCF BENNETT REVOLUTION X51 (OSA43081556AHR)

EFBEEF SCHU-LAR PROFICIENT N093 (IMP USA)

KCF MISS PROFICIENT U201 KCF MISS 774 L82

Easy-calve

MARKOWEN INTRUDER

WIRRUNA CANDIDATE C118

WIRRUNA FLORA Z267

Dam: WIRRUNA CORA E319 (WNAE319)

MOUNT DIFFICULT FELLIS Y12 (AI)

WIRRUNA CORA B38

WIRRUNA CORA U68

Jan 2019 GROUP BREEDPLAN EBV's

	CALVIN	NG EASE		GROWTH & MATERNAL					
Calving Ease	Calving Ease	Gestation Length	Birth	200-Day	400-Day	600-Day	Mat Cow	Genetic	
DIR (%)	DTRS (%)	(days)	Weight	Growth	Weight	Weight	Weight	Milk	
+8.2	+3.0	-0.2	+3.9	+37	+68	+91	+67	+14	
58%	41%	65%	85%	76%	74%	76%	68%	59%	

FERT	TILITY			CARCASE					
Scrotal Size		Carc	EMA	Rib Fat	Rump Fat	RBY	IMF		
(cm)	Days to Calving	Weight	(sq cm)	(mm)	(mm)	(%)	(%)	Docility	
+2.7	-5.5	+72	+9.4	+1.8	+2.0	+1.2	+2.3	-4	
78%	39%	62%	54%	57%	61%	54%	57%	59%	

		STRUC	TURAL ASSES	SSMENT	28-Sep-18		Temp.
Front Back 5	Front 5	Back 5	5	11/5	1	4-Oct-18	\$75° 2

	\$INDEX	VALUE		Polled Gene	Maturity	Mus Score	EY	ES
Supermarket	Grass Fed	Grain Fed	EU Index	× DD			h.	Eye Pigment
\$150	\$151	\$200	\$171	Homz	Late	B-	A	100/100

Purchaser Price \_\_\_\_\_

Birth Date: 29-Aug-16 Society ID: WNAM417 Horn/Scurs/Poll: P

- Easy-fleshing sire used over heifers at Wirruna
- ☑ Offers superior carcase attributes top 1% ranking for marbling
- ☑ Capture his all important & strong fertility traits with good SS & top 1% DtC EBVs
- ☐ Dam has great udder her next calf has also been chosen as a Wirruna Sire (N449)

50% Semen rights retained

CAPETHORNE HOT SHOT 03 22

MATARIKI HOLY-SMOKE

MATARIKI GIRLIE 00323

Sire: WIRRUNA KEITH K169 (WNAK169)

MOUNT DIFFICULT FELLIS Y12 (AI)

WIRRUNA DIDO F397

SOUTH BUKALONG DIDO 65

STUDBROOK D'ARTAGNION V086 (AI) (ET)

OTAPAWA SPARK 3060 (IMP) *OTAPAWA SPOT P30* 

Dam: WIRRUNA VICTORIA J199 (WNAJ199)

SOUTH BUKALONG UNGAR 8
- SOUTH BUKALONG VICTORIA 236

SOUTH BUKALONG VICTORIA 200

Jan 2019 GROUP BREEDPLAN EBV's

TITLY	CALVING EASE			GROWTH & MATERNAL					
Calving Ease DIR (%)	Calving Ease DTRS (%)	Gestation Length (days)	Birth Weight	200-Day Growth	400-Day Weight	600-Day Weight	Mat Cow Weight	Genetic Milk	
-0.1	-2.8	-2.1	+2.7	+35	+58	+78	+68	+19	
62%	45%	62%	86%	74%	71%	75%	66%	51%	

FERT	ILITY							
Scrotal Size		Carc	EMA	Rib Fat	Rump Fat	RBY	IMF	
(cm)	Days to Calving	Weight	(sq cm)	(mm)	(mm)	(%)	(%)	Docility
+3.2	-6.4	+66	+6.0	+1.9	+2.8	+0.1	+2.4	-7
76%	40%	58%	50%	54%	57%	52%	52%	45%

		STRUC	TURAL ASSES	SSMENT	28-Jan-19		Temp.
Front Back 7 6	Front 6	Back 6	K- 6	11/5	3	4-Oct-18 39	A CONTRACTOR

	\$INDEX	VALUE		Polled Gene	Maturity	Mus Score	EY	ES
Supermarket	Grass Fed	Grain Fed	EU Index	⊠ DD			6	Eye Pigment
\$122	\$123	\$166	\$140	Homz	Mid	C+	<b>4</b>	100/100

Purchaser\_\_\_\_\_ Price \_\_\_\_\_

#### **WIRRUNA MICHELANGELO M433 (ET)**

M433

## Pen No. 1 (Wirruna Sires)

Birth Date: 30-Aug-16 Society ID: WNAM433

Horn/Scurs/Poll:

☑ A shapely X51 son with semen exported to UK

Few bulls offer such carcase boosting traits - top 1% EMA & IMF%

☑ Features excellent calving ease, good muscle & conformation

☐ Dam is top Donor cow with 3 other sons used as sires at Wirruna

50% Semen rights retained

FELTONS LEGEND 242 (IMP USA)

MSU TCF REVOLUTION 4R

MSU TCF RACHAEL ET 54N

Sire: KCF BENNETT REVOLUTION X51 (OSA43081556AHR)

EFBEEF SCHU-LAR PROFICIENT N093 (IMP USA)

KCF MISS PROFICIENT U201
 KCF MISS 774 L82

Easy-calve

MARKOWEN INTRUDER

WIRRUNA CANDIDATE C118

WIRRUNA FLORA Z267

Dam: WIRRUNA CORA E319 (WNAE319)

MOUNT DIFFICULT FELLIS Y12 (AI)

WIRRUNA CORA B38

WIRRUNA CORA U68

Jan 2019 GROUP BREEDPLAN EBV's

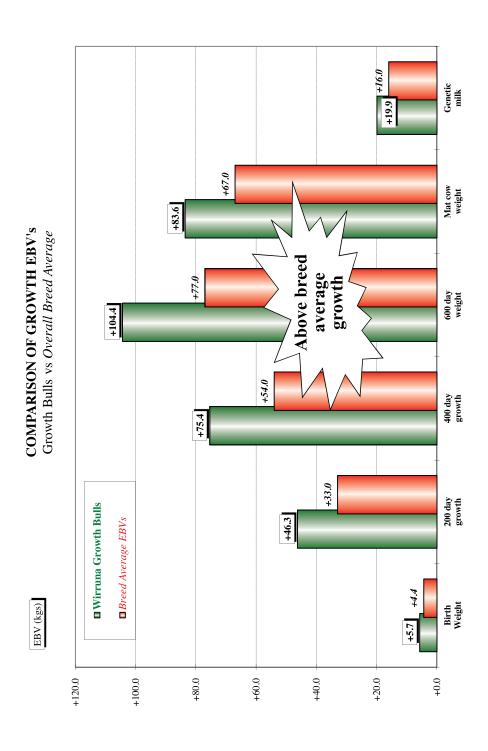
TILL	CALVING EASE			GROWTH & MATERNAL					
Calving Ease DIR (%)	Calving Ease DTRS (%)	Gestation Length	Birth	200-Day	400-Day Weight	600-Day Weight	Mat Cow Weight	Genetic	
DIR (%)	D1RS (%)	(days)	Weight	Growth	weight	weight	weight	Milk	
+12.4	+4.7	+0.4	+0.1	+22	+49	+58	+31	+11	
57%	41%	65%	83%	75%	73%	72%	65%	58%	

FERT	ILITY							
Scrotal Size		Carc	EMA	Rib Fat	Rump Fat	RBY	IMF	
(cm)	Days to Calving	Weight	(sq cm)	(mm)	(mm)	(%)	(%)	Docility
+2.9	-5.1	+54	+9.1	+2.0	+2.2	+1.0	+2.4	-4
78%	39%	59%	54%	57%	60%	54%	57%	59%

		STRUC	TURAL ASSES	SSMENT	28-Sep-18		Temp.
Front Back	Front 5	Back 6	5	TW 5	1	4-Oct-18	\$ 3

	\$INDEX	VALUE		Polled Gene	Maturity	Mus Score	EY	ES
Supermarket	Grass Fed	Grain Fed	EU Index	× DD			6.	Eve Pigment
\$126	\$132	\$180	\$148	Homz	Mid	C+	104	100/100

Purchaser\_\_\_\_\_ Price \_\_\_\_\_



Lot 9

Pen No. 7 (Growth Bulls)

Birth Date: 8-Aug-17 Society ID: WNAN039 Horn/Scurs/Poll:

☑ WITHDRAWN FROM SALE

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> ALLENDALE PUNTER 3 ALLENDALE YACKA

ALLENDALE FLORRIE Z33

Sire: ALLENDALE ANZAC E114 (AEDE114)

ALLENDALE NATIONAL W168

ALLENDALE DAWN B22 (AI) (ET) ALLENDALE DAWN T60 (AI)

SOUTH BUKALONG WALLACE 2

WIRRUNA FORT F382

MOUNT DIFFICULT LORNA B123

Dam: WIRRUNA DOREEN H287 (WNAH287)

WIRRUNA DARKIE D66

WIRRUNA DOREEN F373 WIRRUNA DOREEN D371

Jan 2019 GROUP BREEDPLAN EBV's

CAMPINE SELECTION OF THE PERSON NAMED IN	Dan Loto on		J. 2, 1 2 1	0					
THE PERSON NAMED IN	CALVIN	NG EASE		GROWTH & MATERNAL					
Calving Ease	Calving Ease	Gestation Length	Birth	200-Day	400-Day	600-Day	Mat Cow	Genetic	
DIR (%)	DTRS (%)	(days)	Weight	Growth	Weight	Weight	Weight	Milk	
-7.2	-2.4	-0.5	+9.6	+54	+88	+128	+104	+21	
55%	48%	67%	74%	70%	70%	70%	65%	61%	

FERT	FERTILITY			CARCASE					
Scrotal Size	D . G1:	Carc	EMA	Rib Fat	Rump Fat	RBY	IMF	D 110	
(cm)	Days to Calving	Weight	(sq cm)	(mm)	(mm)	(%)	(%)	Docility	
+3.7	-2.7	+79	+5.5	+0.2	+0.0	+1.6	+1.1	+9	
78%	43%	61%	56%	59%	63%	58%	60%	58%	

	STI	RUCTURAL ASSES	SSMENT	7-Dec-18		Temp.
Front Back 5	5	5 5	W 5	3	5-Dec-18 40	2 - A - A - A - A - A - A - A - A - A -

	\$INDEX	VALUE		Polled Gene	Maturity	Mus Score	EY	ES
Supermarket	Grass Fed	Grain Fed	EU Index	₩ DD			6.	Eye Pigment
\$127	\$118	\$149	\$138	Homz	Mid	B-	104	100/100

Purchaser Price

#### **WIRRUNA NEMO N051 (AI)**

N051

Pen No. 7 (Growth Bulls)

Birth Date: 9-Aug-17 Society ID: WNAN051 Horn/Scurs/Poll: P

Dark-coated, panda eyes & excellent hindquarter

The top eye muscle area at scanning - top 1% CWT, top %% EMA & IMF% EBVs

☑ I like this fellows top 5% early growth traits, from top 15% CE traits

✓ Amoung the top 5 'N Bulls' for short gestation length

NOOKEN VALERIAN 2
— QUAMBY PLAINS STOCKMASTER Y118

QUAMBY PLAINS MAGPIE W9

Sire: WIRRUNA FLETCHER F214 (WNAF214)

MOUNT DIFFICULT UNGAR (S)

└─ WIRRUNA LAST DAY B16 (H)

WIRRUNA LAST DAY Z152

Easy-calve

CAPETHORNE HOT SHOT 03 22

MATARIKI HOLY-SMOKE

MATARIKI GIRLIE 00323

Dam: WIRRUNA BANDANA L51 (WNAL51)

WIRRUNA GRAFTON G388

**WIRRUNA BANDANA J458** 

WIRRUNA BANDANA G94

Jan 2019 GROUP BREEDPLAN EBV's

11111	CALVING EASE			GROWTH & MATERNAL					
Calving Ease	Calving Ease	Gestation Length	Birth	200-Day	400-Day	600-Day	Mat Cow	Genetic	
DIR (%)	DTRS (%)	(days)	Weight	Growth	Weight	Weight	Weight	Milk	
+7.3	+5.9	-7.0	+2.0	+43	+71	+93	+65	+20	
52%	44%	76%	73%	69%	69%	68%	63%	58%	

FERT	FERTILITY			CAR				
Scrotal Size	D . G1:	Carc	EMA	Rib Fat	Rump Fat	RBY	IMF	D 35
(cm)	Days to Calving	Weight	(sq cm)	(mm)	(mm)	(%)	(%)	Docility
+1.7	-4.7	+79	+6.5	+0.7	+0.3	+1.6	+1.8	+7
78%	45%	61%	57%	60%	63%	57%	59%	55%

		STRUC	TURAL ASSES	SSMENT	7-Dec-18		Temp.
Front Bar	k Front 5	Back 6	5	14/5	1	5-Dec-18	\$75°

	\$INDEX	VALUE		Polled Gene	Maturity	Mus Score	EY	ES
Supermarket	Grass Fed	Grain Fed	EU Index	₩ Dla			6	Eye Pigment
\$145	\$144	\$184	\$164	Ph Hetz	Mid	C+	104	100/100

Purchaser\_\_\_\_\_ Price \_\_\_\_\_



Pen No. 7 (Growth Bulls)

Birth Date: 10-Aug-17 Society ID: WNAN075 Horn/Scurs/Poll:

- ✓ A new sire line Oozes natutal growth & frame
- One of the heaviest bulls in the catalogue Top 1 % growth traits
- ✓ Large testicles & strong fertility traits top 1% SS & top 5% DtC EBVs
- ☑ A genetic dehorner with top 5% for 3 of 4 \$Index values for mature cows

SOUTH BUKALONG SHANNON 40

NITHDALE JACKAL 090029

NITHDALA AMETHYST 040070

Sire: ORARI GORGE MISCHIEF 120083 (OSA0400120083NZHB)

NITHDALE HEATH 070113

NITHDALE LESLIE 090020

NITHDALE LESLIE 070064

VALMA MERCHANT

YAVENVALE GURU

YAVENVALE TREASURE D403

Dam: WIRRUNA LORNA K126 (WNAK126)

WIRRUNA CALLAN C26

WIRRUNA LORNA G370

**MOUNT DIFFICULT LORNA B123** 

an 2019 GROUP BREEDPLAN EBV's

THE PERSON NAMED IN	CALVIN	IG EASE		GROWTH & MATERNAL					
Calving Ease	Calving Ease	Gestation Length	Birth	200-Day	400-Day	600-Day	Mat Cow	Genetic	
DIR (%)	DTRS (%)	(days)	Weight	Growth	Weight	Weight	Weight	Milk	
-0.4	+1.3	-3.9	+6.9	+47	+83	+117	+121	+16	
48%	37%	75%	73%	68%	68%	68%	63%	53%	

FERT	ILITY	CARCASE						
Scrotal Size		Carc	EMA	Rib Fat	Rump Fat	RBY	IMF	
(cm)	Days to Calving	Weight	(sq cm)	(mm)	(mm)	(%)	(%)	Docility
+3.9	-5.5	+76	+3.8	+0.8	+1.5	+0.6	+0.4	-8
77%	37%	58%	53%	56%	60%	54%	57%	47%

		STRUC	TURAL ASSES	SSMENT	7-Dec-18		Temp.
Front Back 6 6	Front 5	Back 6	K 5	11/5	3	5-Dec-18	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2

	\$INDEX VALUE			Polled Gene	Maturity	Mus Score	EY	ES
Supermarket	Grass Fed	Grain Fed	EU Index	⊠ DD			6	Eve Pigment
\$134	\$125	\$140	\$145	Homz	Late	C+		90/95

Purchaser Price

#### **WIRRUNA NACK N077 (AI)**

N077

Pen No. 7 (Growth Bulls)

Birth Date: 10-Aug-17 Society ID: WNAN077

		,	
$\checkmark$	Nice phenotype - outstanding bull with long, well-shaped body	Horn/Scurs/Poll:	

✓ Out of Justin's Dam - Strong milk genetics

☐ Puts together short gestation (top 5% GL) & strong fertility (top 1% SS)

☑ Top 5% ranking for the growth traits & \$Indices 'Star Lot'

ALLENDALE PUNTER 3

— ALLENDALE YACKA

ALLENDALE FLORRIE Z33

Sire: ALLENDALE ANZAC E114 (AEDE114)

ALLENDALE NATIONAL W168

ALLENDALE DAWN B22 (AI) (ET)

ALLENDALE DAWN T60 (AI)

WIRRUNA ABERCORN

WIRRUNA ELDAD E107

WIRRUNA FLORA B21

Dam: WIRRUNA DOREEN G393 (WNAG393)

SOUTH BUKALONG WALLACE 2

WIRRUNA DOREEN E42

WIRRUNA DOREEN C9

Jan 2019 GROUP BREEDPLAN EBV's

TITLY	CALVING EASE			GROWTH & MATERNAL					
Calving Ease DIR (%)	Calving Ease DTRS (%)	Gestation Length (days)	Birth Weight	200-Day Growth	400-Day Weight	600-Day Weight	Mat Cow Weight	Genetic Milk	
+4.1	+3.6	-4.8	+5.4	+44	+75	+103	+83	+19	
56%	49%	77%	74%	70%	70%	70%	66%	61%	

FERT	ILITY			CAR	CASE			
Scrotal Size		Carc	EMA	Rib Fat	Rump Fat	RBY	IMF	
(cm)	Days to Calving	Weight	(sq cm)	(mm)	(mm)	(%)	(%)	Docility
+4.1	-4.1	+71	+5.3	+1.0	+1.5	+1.0	+1.0	+13
79%	44%	62%	58%	60%	64%	59%	61%	58%

	STI	RUCTURAL ASSES	SSMENT	7-Dec-18		Temp.
Front Back 6	6	6 5	W 5	1	5-Dec-18 40	2 - Company

\$INDEX VALUE			Polled Gene	Maturity	Mus Score	EY	ES	
Supermarket	Grass Fed	Grain Fed	EU Index	₩ Ph			h.	Eye Pigment
\$139	\$134	\$161	\$153	<b>PN</b> Hetz	Mid	C+	10	100/100

Purchaser	Price	

# **WIRRUNA NEWSTEAD N094 (AI)**

N094

Pen No. 7 (Growth Bulls)

Birth Date: 11-Aug-17 Society ID: WNAN094 Horn/Scurs/Poll: P

☑l	ong 8	& attractive	Fletcher	son	out of	a res	pected	cow
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✓ Amoung the heaviest calves at weaning - Top 1 % 200D growth

☑ Also benefits from top 1% CWT, top 5% EMA & IMF% for valuable MSA carcases

✓ Overall balance of favourable traits achieving top 1% ranking for all 4 \$Indices 

'Star Lot'

NOOKEN VALERIAN 2

QUAMBY PLAINS STOCKMASTER Y118

QUAMBY PLAINS MAGPIE W9

Sire: WIRRUNA FLETCHER F214 (WNAF214)

MOUNT DIFFICULT UNGAR (S)

— WIRRUNA LAST DAY B16 (H)

WIRRUNA LAST DAY Z152

SOUTH BUKALONG SHAW 3
SOUTH BUKALONG SHANNON 40

SOUTH BUKALONG PETAL 88

Dam: WIRRUNA CLARA F438 (WNAF438)

MOUNT DIFFICULT FELLIS Y12 (AI)

PINE HILL CLARA B585

PINE HILL CLARA V90

Jan 2019 GROUP BREEDPLAN EBV's

1111	CALVIN	NG EASE		GROWTH & MATERNAL					
Calving Ease	Calving Ease	Gestation Length	Birth	200-Day	400-Day	600-Day	Mat Cow	Genetic	
DIR (%)	DTRS (%)	(days)	Weight	Growth	Weight	Weight	Weight	Milk	
+5.6	+6.0	-5.8	+5.0	+48	+74	+101	+83	+17	
54%	46%	77%	74%	70%	70%	69%	65%	61%	

FERT	ILITY		CARCASE							
Scrotal Size		Carc	EMA	Rib Fat	Rump Fat	RBY	IMF			
(cm)	Days to Calving	Weight	(sq cm)	(mm)	(mm)	(%)	(%)	Docility		
+1.6	-5.5	+76	+5.5	+0.4	-0.5	+1.4	+1.7	-14		
78%	47%	62%	58%	61%	64%	58%	60%	57%		

		STRUC	TURAL ASSES	SSMENT	7-Dec-18		Temp.
Front Back 7 5	Front 6	Back 6	5	W 5	3	5-Dec-18	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2

	\$INDEX	VALUE		Polled Gene	Maturity	Mus Score	EY	ES
Supermarket	Grass Fed	Grain Fed	EU Index	⊠ DD			6.	Eye Pigment
\$144	\$140	\$181	\$164	Homz	Mid	C+	10	100/80

# **WIRRUNA NABOR N097 (ET)**

N097

Pen No. 7 (Growth Bulls)

Birth Date: 11-Aug-17 Society ID: WNAN097 Horn/Scurs/Poll: P

- ☑ Top notch Anzac son offering extra scale & power
- ✓ You can see the carcase in this fellow top 1% marbling, top 5% EMA
- ☑ I like this bull for his volume, docile nature, dark coat & top 5% growth
- ☑ Dam is a high performing ET Donor Cow ET brothers to Lot 16 & 22

ALLENDALE PUNTER 3

ALLENDALE YACKA

ALLENDALE FLORRIE Z33

Sire: ALLENDALE ANZAC E114 (AEDE114)

ALLENDALE DAWN B22 (AI) (ET)

ALLENDALE DAWN T60 (AI)

DOONBIDDIE HUSTLER

ARDO HUSTLER 4110 (IMP)

ARDO AMETHYST 730

Dam: WIRRUNA LAST DAY H333 (WNAH333)

MOUNT DIFFICULT FELLIS Y12 (AI)

WIRRUNA LAST DAY D84

WIRRUNA LAST DAY B140

Jan 2019 GROUP BREEDPLAN EBV's

TITLY	CALVIN	CALVING EASE			GROV	VTH & MATE	RNAL	
Calving Ease DIR (%)	Calving Ease DTRS (%)	Gestation Length (days)	Birth Weight	200-Day Growth	400-Day Weight	600-Day Weight	Mat Cow Weight	Genetic Milk
DIK (%)	D TRO (70)		Weight		Ü	Weight	Ü	Min
-5.0	-1.2	-1.8	+6.0	+46	+71	+100	+83	+19
56%	51%	66%	74%	70%	70%	70%	64%	62%

FERT	ILITY	CARCASE						
Scrotal Size		Carc	EMA	Rib Fat	Rump Fat	RBY	IMF	
(cm)	Days to Calving	Weight	(sq cm)	(mm)	(mm)	(%)	(%)	Docility
+3.7	-4.2	+72	+6.0	+1.7	+2.3	+0.5	+2.3	+19
77%	45%	61%	58%	61%	64%	59%	61%	59%

	STRUC	TURAL ASSES	SSMENT	7-Dec-18		Temp.	
Front Back 7 6	Front 6	Back 6	5	W 5	1	5-Dec-18	\$ 2

	\$INDEX	VALUE		Polled Gene	Maturity	Mus Score	EY	ES
Supermarket	Grass Fed	Grain Fed	EU Index	₩ DD			h.	Eye Pigment
\$125	\$122	\$165	\$139	Homz	Mid	C+	103	100/100

Purchaser Price

# **WIRRUNA NIP N140 (AI)**

Pen No. 7 (Growth Bulls)

Birth Date: 12-Aug-17 Society ID: WNAN140

☑ A long-bodied Fletcher son to boost kilos of beef produced

Horn/Scurs/Poll: S

☑ Combines CE & short GL with top 1% 200D & 400D growth

☑ Carries strong milk attributes - top 5% for milk EBV

✓ A soft skinned fellow for mature cows targetting quality beef market targets

Scurs. Not registered

NOOKEN VALERIAN 2

**QUAMBY PLAINS STOCKMASTER Y118** QUAMBY PLAINS MAGPIE W9

Sire: WIRRUNA FLETCHER F214 (WNAF214)

MOUNT DIFFICULT UNGAR (S)

WIRRUNA LAST DAY B16 (H)

WIRRUNA LAST DAY Z152

MATARIKI HOLY-SMOKE

WIRRUNA JACQUES J69

WIRRUNA PENELOPE E230

Dam: WIRRUNA RITA L181 (WNAL181)

WIRRUNA GASON G130

WIRRUNA RITA J507

CO-OP5 RITA G146

an 2019 GROUP BREEDPI AN ERV's

	Ball Ed le Gi							
	CALVIN	IG EASE		GROWTH & MATERNAL				
Calving Ease	Calving Ease	Gestation Length	Birth	200-Day	400-Day	600-Day	Mat Cow	Genetic
DIR (%)	DTRS (%)	(days)	Weight	Growth	Weight	Weight	Weight	Milk
+1.5	+2.1	-4.9	+6.5	+49	+76	+102	+80	+24
51%	42%	74%	73%	68%	68%	67%	62%	56%

FERT	ILITY							
Scrotal Size		Carc	EMA	Rib Fat	Rump Fat	RBY	IMF	
(cm)	Days to Calving	Weight	(sq cm)	(mm)	(mm)	(%)	(%)	Docility
+3.8	-6.3	+70	+4.1	+1.0	+0.7	+0.1	+1.9	-8
77%	44%	59%	55%	58%	62%	55%	57%	53%

		STRUC	TURAL ASSES	SSMENT	7-Dec-18		Temp.
Front Back 6 7	Front 6	Back 7	F 6	TW 5	1	5-Dec-18	STAN I

	\$INDEX VALUE			Polled Gene	Maturity	Mus Score	EY	ES
Supermarket	Grass Fed	Grain Fed	EU Index	₩ pj.			le.	Eye Pigment
\$137	\$133	\$177	\$155	Ph Hetz	Mid	C+		100/90

Purchaser\_ Price \_\_\_\_\_

# Lot 16

Pen No. 7 (Growth Bulls)

Birth Date: 13-Aug-17 Society ID: WNAN152

Horn/Scurs/Poll:

- Impressive weight/day of age performance
- Like ET brothers (Lot 14 & 22), offers lots of milk, growth & frame
- ☑ Excellent marbling boosts the Grainfed \$Index to the top 1% of the breed
- Also benefits from strong fertility, fatness & docility traits for replacements

ALLENDALE PUNTER 3

ALLENDALE YACKA

ALLENDALE FLORRIE Z33

Sire: ALLENDALE ANZAC E114 (AEDE114)

ALLENDALE NATIONAL W168

ALLENDALE DAWN B22 (AI) (ET) ALLENDALE DAWN T60 (AI)

DOONBIDDIE HUSTLER

ARDO HUSTLER 4110 (IMP)

ARDO AMETHYST 730

Dam: WIRRUNA LAST DAY H333 (WNAH333)

MOUNT DIFFICULT FELLIS Y12 (AI)

WIRRUNA LAST DAY D84

WIRRUNA LAST DAY B140

an 2019 GROUP BREEDPLAN EBV's

<b>TITLE</b>	CALVING EASE			GROWTH & MATERNAL					
Calving Ease DIR (%)	Calving Ease DTRS (%)	Gestation Length (days)	Birth Weight	200-Day Growth	400-Day Weight	600-Day Weight	Mat Cow Weight	Genetic Milk	
-4.3	-1.0	+0.4	+5.8	+43	+69	+101	+75	+21	
56%	51%	66%	74%	70%	70%	70%	65%	63%	

FERTILITY				CARCASE					
Scrotal Size		Carc	EMA	Rib Fat	Rump Fat	RBY	IMF		
(cm)	Days to Calving	Weight	(sq cm)	(mm)	(mm)	(%)	(%)	Docility	
+3.9	-4.0	+73	+6.3	+2.4	+3.2	+0.1	+2.7	+19	
77%	45%	62%	58%	61%	64%	59%	61%	59%	

		STRUC	TURAL ASSES	SSMENT	7-Dec-18		Temp.
Front Back 6 5	Front 5	Back 5	5	14/5	1	5-Dec-18	STA OFF

	\$INDEX VALUE		Polled Gene	Maturity	Mus Score	EY	ES	
Supermarket	Grass Fed	Grain Fed	EU Index	⊠ DD			h.	Eye Pigment
\$132	\$130	\$181	\$146	Homz	Late	C+	10	100/100

Purchaser	Price
Purchaser	Price

N169

Pen No. 8 (Growth Bulls)

Birth Date: 14-Aug-17 Society ID: WNAN169 Horn/Scurs/Poll: P

☑ A dark-coated X51 son with shape & high growth

This one carries top 1% 200D & 400D growth traits and top 5% \$Indices

☑ Combines top 5% muscle (EMA) with top 5% marbling (IMF%)

☑ A good-footed bull that carries dehorning genetics (Homozygous Polled)

FELTONS LEGEND 242 (IMP USA)

MSU TCF REVOLUTION 4R

MSU TCF RACHAEL ET 54N

Sire: KCF BENNETT REVOLUTION X51 (OSA43081556AHR)

EFBEEF SCHU-LAR PROFICIENT N093 (IMP USA)

KCF MISS PROFICIENT U201

KCF MISS 774 L82

SOUTH BUKALONG WALKER 6

SOUTH BUKALONG WALLACE 2

SOUTH BUKALONG VICTORIA 152

Dam: WIRRUNA LAST DAY G63 (WNAG63)

ELITE J7C X54 (AI)

WIRRUNA LAST DAY A31

WIRRUNA LAST DAY S102

lan 2019 GROUP BREEDPLAN FBV's

TITITY	CALVIN	IG EASE		GROWTH & MATERNAL					
Calving Ease DIR (%)	Calving Ease DTRS (%)	Gestation Length (days)	Birth Weight	200-Day Growth	400-Day Weight	600-Day Weight	Mat Cow Weight	Genetic Milk	
+2.0	+3.9	-1.4	+7.4	+52	+76	+100	+73	+22	
50%	41%	69%	75%	70%	70%	70%	63%	59%	

FERT	FERTILITY CARCASE							
Scrotal Size		Carc	EMA	Rib Fat	Rump Fat	RBY	IMF	
(cm)	Days to Calving	Weight	(sq cm)	(mm)	(mm)	(%)	(%)	Docility
+2.8	-5.4	+71	+5.6	+1.9	+2.2	+0.4	+1.3	+0
12.0	<u> </u>		1010	1112		10.1	. 1.0	
78%	42%	59%	55%	58%	61%	55%	60%	60%

		STRUC	TURAL ASSES	SSMENT	7-Dec-18		Temp.
Front Back 6 6	Front 5	Back 5	5	11/5	1	5-Dec-18	2 A A A A A A A A A A A A A A A A A A A

	\$INDEX VALUE			Polled Gene	Maturity	Mus Score	EY	ES
Supermarket	Grass Fed	Grain Fed	EU Index	⊠ DD			6.	Eye Pigment
\$136	\$133	\$165	\$151	Homz	Mid	C+	103	90/50

# **WIRRUNA NULLARBOR N173 (AI)**

N173

Pen No. 8 (Growth Bulls)

Birth Date: 14-Aug-17 Society ID: WNAN173 Horn/Scurs/Poll: P

Curve-bending growth from a low birth weight & strong calving ease base

☑ Scanned highly for the fat traits - top 1% for Rib, Rump & IMF% EBVs

☑ Exceptional top 1% \$Index rankings reflects his outstanding balance of profit traits

KOANUI ROCKET Q334

KOANUI ROCKET 0219

KOANUI ANGEL R187

Sire: MOUNT DIFFICULT CADBURY (MTTC8)

YARROW CORK

— MOUNT DIFFICULT MONIQUE V65

MOUNT DIFFICULT MONIQUE

Easy-calve

ELITE 4110 E212

WIRRUNA HOLLYWOOD H22

WIRRUNA MADAM F18

Dam: WIRRUNA LAST DAY K194 (H) (WNAK194)

WIRRUNA FLETCHER F214

WIRRUNA LAST DAY H364

WIRRUNA LAST DAY F14

Jan 2019 GROUP BREEDPLAN EBV's

TITLY	CALVING EASE				GROWTH & MATERNAL					
Calving Ease	Calving Ease	Gestation Length	Birth	200-Day	400-Day	600-Day	Mat Cow	Genetic		
DIR (%)	DTRS (%)	(days)	Weight	Growth	Weight	Weight	Weight	Milk		
+12.4	+9.1	-4.8	+1.7	+39	+69	+93	+71	+18		
51%	43%	75%	73%	69%	69%	68%	65%	58%		

FERT	ILITY		CARCASE					
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBY (%)	IMF (%)	Docility
+2.1	-4.6	+73	+4.6	+2.4	+3.3	+0.0	+2.2	+5
78%	46%	59%	54%	58%	62%	56%	58%	54%

		STRUCTURAL ASSESSMENT			7-Dec-18		Temp.
Front Back 7 6	Front 6	Back 7	5	11/5	1	5-Dec-18	\$75°

\$INDEX VALUE		Polled Gene	Maturity	Mus Score	EY	ES		
Supermarket	Grass Fed	Grain Fed	EU Index	复 pl.			h.	Eye Pigment
\$150	\$151	\$190	\$164	Ph Hetz	Mid	C+	103	60/50

Purchaser	Price
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#### **WIRRUNA NORMAN N188 (AI)**

N188

Pen No. 8 (Growth Bulls)

Birth Date: 14-Aug-17 Society ID: WNAN188 Horn/Scurs/Poll: S

$oldsymbol{ olimits}$	Heaviest bull &	highest	weight	gainer	at ve	et testing

☑ Best spread of birthweight (44kg) to 400 day weight (536kg) in age group

☑ Outstanding fertility EBVs (top 1%) & largest testicle size

☑ Highest Supermarket & EU \$Indices - Maintains positive CE with top 1% growth Scurs

SOUTH BUKALONG SHANNON 40

NITHDALE JACKAL 090029

NITHDALA AMETHYST 040070

Sire: ORARI GORGE MISCHIEF 120083 (OSA0400120083NZHB)

NITHDALE HEATH 070113

NITHDALE LESLIE 090020

NITHDALE LESLIE 070064

**QUAMBY PLAINS STOCKMASTER Y118** 

WIRRUNA FLETCHER F214

WIRRUNA LAST DAY B16 (H)

Dam: CO-OP5 URSULA J427 (YEEJ427)

WIRRUNA COMET C90

**WIRRUNA URSULA E278** 

WIRRUNA URSULA A241

Jan 2019 GROUP BREEDPLAN EBV's

THE PERSON NAMED IN	CALVING EASE				GROWTH & MATERNAL				
Calving Ease	Calving Ease	Gestation Length	Birth	200-Day	400-Day	600-Day	Mat Cow	Genetic	
DIR (%)	DTRS (%)	(days)	Weight	Growth	Weight	Weight	Weight	Milk	
+4.3	+4.0	-4.6	+6.1	+48	+85	+117	+96	+20	
48%	36%	75%	74%	69%	69%	68%	63%	54%	

FERT	ILITY		CARCASE					
Scrotal Size		Carc	EMA	Rib Fat	Rump Fat	RBY	IMF	
(cm)	Days to Calving	Weight	(sq cm)	(mm)	(mm)	(%)	(%)	Docility
+4.3	-6.5	+76	+3.8	+0.9	+0.7	+0.4	+1.4	+0
77%	37%	58%	52%	56%	61%	54%	56%	47%

		STRUCTURAL ASSESSMENT			7-Dec-18		Temp.
Front Back 5	Front 5	Back 5	5	11/5	3	5-Dec-18	\$ 1

	\$INDEX VALUE			Polled Gene	Maturity	Mus Score	EY	ES
Supermarket	Grass Fed	Grain Fed	EU Index	₩ D1.			h.	Eye Pigment
\$156	\$150	\$188	\$173	Ph Hetz	Mid	C+	<b>4</b>	100/100

Purchaser	Price

### **WIRRUNA NATYA N243 (AI)**

N243

Pen No. 8 (Growth Bulls)

Birth Date: 17-Aug-17 Society ID: WNAN243 Horn/Scurs/Poll: P

- ☑ Smooth-bodied Fort son with larger frame
- ✓ Offers top 5% growth & carcase weight traits
- ☑ Quiet temperament is a feature top 10% Doc EBV
- ☑ A genetic dehorner with top 15% \$Indices indicating good profit potential

SOUTH BUKALONG WALKER 6

SOUTH BUKALONG WALLACE 2

SOUTH BUKALONG VICTORIA 152

Sire: WIRRUNA FORT F382 (WNAF382)

MOUNT DIFFICULT FELLIS Y12 (AI)

MOUNT DIFFICULT LORNA B123

MOUNT DIFFICULT LORNA X73

MOUNT DIFFICULT FALCON F030

MOUNT DIFFICULT JELLICOE J56

MOUNT DIFFICULT TIGRESS E73

Dam: WIRRUNA NOBLESSE L4 (WNAL4)

MOUNT DIFFICULT EGERTON E54

MOUNT DIFFICULT NOBLESSE J73

MOUNT DIFFICULT NOBLESSE B27

Jan 2019 GROUP BREEDPLAN EBV's

CALVING EASE			GROWTH & MATERNAL					
Calving Ease DIR (%)	Calving Ease DTRS (%)	Gestation Length (days)	Birth Weight	200-Day Growth	400-Day Weight	600-Day Weight	Mat Cow Weight	Genetic Milk
-3.0	+0.4	-1.7	+6.6	+47	+71	+100	+78	+17
51%	42%	74%	73%	68%	68%	67%	62%	55%

FERT	ILITY		CARCASE					
Scrotal Size	Days to Calving	Carc Weight	EMA	Rib Fat	Rump Fat (mm)	RBY (%)	IMF (%)	Docility
(cm)	Days to Calving	weight	(sq cm)	(mm)	(mm)	(%)	(%)	Documy
+2.8	-4.2	+66	+2.8	+0.8	+0.9	+0.5	+1.1	+14
78%	42%	58%	52%	56%	60%	54%	56%	51%

		STRUCTURAL ASSESSMENT 7-Dec					Temp.
Front Back 6 6	Front 6	Back 6	5	11/5	1	5-Dec-18	

\$INDEX VALUE			Polled Gene	Maturity	Mus Score	EY	ES	
Supermarket	Grass Fed	Grain Fed	EU Index	⊠ DD			6.	Eye Pigment
\$115	\$110	\$137	\$127	Homz	Mid	C	103	100/90

# **WIRRUNA NORWAY N261 (AI)**

N261

Pen No. 8 (Growth Bulls)

Birth Date: 19-Aug-17 Society ID: WNAN261 Horn/Scurs/Poll: P

$   \sqrt{} $	I like the tra	ait balance	of his	attractive	Anzac son
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Achieved excellent weight gain amoung sale group - top 1% growth EBVs

☑ Offers superior carcase attributes - top 5% ranking for EMA & marbling

Assessed highly for structure & docility - Homozygous Poll 'Star Lot'

ALLENDALE PUNTER 3

— ALLENDALE YACKA

ALLENDALE FLORRIE Z33

Sire: ALLENDALE ANZAC E114 (AEDE114)

ALLENDALE NATIONAL W168

— ALLENDALE DAWN B22 (AI) (ET)

ALLENDALE DAWN T60 (AI)

·

ELITE 4110 E212 WIRRUNA HERNANDO H47

WIRRUNA VICTORIA F203

Dam: WIRRUNA OYSTER GIRL K408 (WNAK408)

WIRRUNA FIFIELD F184

WIRRUNA OYSTER GIRL H441

WIRRUNA OYSTER GIRL E248

Jan 2019 GROUP BREEDPLAN EBV's

TITLY	CALVING EASE			GROWTH & MATERNAL					
Calving Ease	Calving Ease	Gestation Length	Birth	200-Day	400-Day	600-Day	Mat Cow	Genetic	
DIR (%)	DTRS (%)	(days)	Weight	Growth	Weight	Weight	Weight	Milk	
+2.9	+2.0	-0.8	+6.2	+47	+80	+111	+86	+19	
54%	47%	76%	74%	69%	69%	69%	64%	58%	

FERT	ILITY		CARCASE					
Scrotal Size		Carc	EMA	Rib Fat	Rump Fat	RBY	IMF	
(cm)	Days to Calving	Weight	(sq cm)	(mm)	(mm)	(%)	(%)	Docility
+4.4	-3.0	+78	+6.1	+0.9	+1.2	+1.0	+1.5	+19
78%	42%	60%	56%	59%	63%	57%	60%	55%

		STRUCTURAL ASSESSMENT 7-Dec-1					Temp.
Front Back 5	Front 5	Back 6	5	11/5	1	5-Dec-18	

	\$INDEX VALUE			Polled Gene	Maturity	Mus Score	EY	ES
Supermarket	Grass Fed	Grain Fed	EU Index	⊠ DD			le.	Eye Pigment
\$142	\$138	\$173	\$156	<b>PP</b> Homz	Mid	C+	1	100/100

Purchaser	Price

# **WIRRUNA NIGHTCLIFF N295 (ET)**

Lot 22

Pen No. 8 (Growth Bulls)

Birth Date: 21-Aug-17 Society ID: WNAN295 Horn/Scurs/Poll:

- ☑ An attractive, thick-topped & dark-coated Anzac son
- Lots of natural growth here top 1% CWT & top 5% growth EBVs
- ✓ Carries herd improving carcase traits, top 5% for marbling & muscle
- ☑ Same ET joining as lots 14 & 16. Dam had 14 progeny at Wirruna

ALLENDALE PUNTER 3

ALLENDALE YACKA

ALLENDALE FLORRIE Z33

Sire: ALLENDALE ANZAC E114 (AEDE114)

ALLENDALE NATIONAL W168

ALLENDALE DAWN B22 (AI) (ET)

ALLENDALE DAWN T60 (AI)

DOONBIDDIE HUSTLER

ARDO HUSTLER 4110 (IMP)

ARDO AMETHYST 730

Dam: WIRRUNA LAST DAY H333 (WNAH333)

MOUNT DIFFICULT FELLIS Y12 (AI)

WIRRUNA LAST DAY D84

WIRRUNA LAST DAY B140

Jan 2019 GROUP BREEDPLAN EBV's

TITLE OF	CALVIN	CALVING EASE			GROWTH & MATERNAL					
Calving Ease DIR (%)	Calving Ease DTRS (%)	Gestation Length (days)	Birth Weight	200-Day Growth	400-Day Weight	600-Day Weight	Mat Cow Weight	Genetic Milk		
-5.1	-1.2	-0.8	+7.0	+46	+71	+104	+90	+19		
56%	51%	66%	74%	70%	70%	70%	64%	63%		

FERT	ILITY		CARCASE						
Scrotal Size		Carc	EMA	Rib Fat	Rump Fat	RBY	IMF		
(cm)	Days to Calving	Weight	(sq cm)	(mm)	(mm)	(%)	(%)	Docility	
+4.1	-4.3	+75	+6.2	+1.1	+1.5	+1.3	+1.7	+19	
1 102	1.0	175	10.2	1 1.1	11.0	11.0	1 1.07	11/	
77%	45%	62%	58%	61%	64%	59%	61%	59%	

		STRUC	TURAL ASSES	SSMENT	7-Dec-18		Temp.
Front Back 6 6	Front 5	Back 6	5	11/5	1	5-Dec-18	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2

\$INDEX VALUE		Polled Gene	Maturity	Mus Score	EY	ES		
Supermarket	Grass Fed	Grain Fed	EU Index	× DD			6.	Eve Pigment
\$125	\$121	\$157	\$141	Homz	Mid	C+	104	100/100

# Lot 23

Pen No. 8 (Growth Bulls)

Birth Date: Society ID: WNAN417 Horn/Scurs/Poll:

- Attractive & good-bodied bull with dark eye pigment
- I like the natural doing-ability, growth & carcase in this Anzac son abla
- ✓ Kept his ET brother for stud use top end of breed for Docility, CWT & IMF%
- ✓ Dam highly respected at Wirruna as an ET donor cow 'Star Lot'

ALLENDALE PUNTER 3

ALLENDALE YACKA

ALLENDALE FLORRIE Z33

Sire: ALLENDALE ANZAC E114 (AEDE114)

ALLENDALE NATIONAL W168

ALLENDALE DAWN B22 (AI) (ET) ALLENDALE DAWN T60 (AI)

WIRRUNA CHEVIOT C280

WIRRUNA GABU G134

SOUTH BUKALONG VICTORIA 202

Dam: WIRRUNA VICTORIA J302 (WNAJ302)

WIRRUNA VICKERY (S)

WIRRUNA VICTORIA G204 (H)

SOUTH BUKALONG VICTORIA 225

an 2019 GROUP BREEDPLAN EBV's

11111	CALVIN	NG EASE		GROWTH & MATERNAL					
Calving Ease	Calving Ease	Gestation Length	Birth	200-Day	400-Day	600-Day	Mat Cow	Genetic	
DIR (%)	DTRS (%)	(days)	Weight	Growth	Weight	Weight	Weight	Milk	
+1.7	+1.5	-1.7	+4.8	+44	+78	+107	+89	+20	
54%	47%	66%	74%	69%	69%	69%	63%	59%	

FERT	ILITY		CARCASE					
Scrotal Size		Carc	EMA	Rib Fat	Rump Fat	RBY	IMF	
(cm)	Days to Calving	Weight	(sq cm)	(mm)	(mm)	(%)	(%)	Docility
+1.9	-2.6	+80	+5.9	+1.7	+2.6	-0.3	+2.7	+16
77%	42%	61%	56%	59%	63%	57%	60%	56%

		STRUC	Temp.				
Front Back 7 6	Front 7	Back 7	K 6	TW 5	1	5-Dec-18	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2

	\$INDEX VALUE			Polled Gene	Maturity	Mus Score	EY	ES
Supermarket	Grass Fed	Grain Fed	EU Index	₩ pj.			h.	Eye Pigment
\$138	\$135	\$182	\$148	Ph Hetz	Mid	C+	104	100/100

Purchaser	Price

Pen No. 8 (Growth Bulls)

Birth Date: 15-Sep-17 Society ID: WNAN550 Horn/Scurs/Poll: P

- ☑ A long bodied & attractive Ledger son
- ✓ Curve-bending growth from a low birth weight & calving ease base
- ✓ Well muscled, top 5% CWT, EMA & marbling for boosting MSA Index
- ✓ Plenty of milk (top 1%) & profit potential (top 1% for \$Indices)

ALLENDALE YACKA

ALLENDALE ANZAC E114

ALLENDALE DAWN B22 (AI) (ET)

Sire: WIRRUNA LEDGER L285 (WNAL285)

GH ADAMS TARGET 5S (IMP)

— WIRRUNA DOREEN G115

WIRRUNA DOREEN A37

Easy-calve

QUAMBY PLAINS STOCKMASTER Y118

WIRRUNA FLETCHER F214

WIRRUNA LAST DAY B16 (H)

Dam: WIRRUNA LAST DAY K159 (WNAK159)

KOANUI ROCKET 0219

WIRRUNA LAST DAY E161

WIRRUNA LAST DAY C223

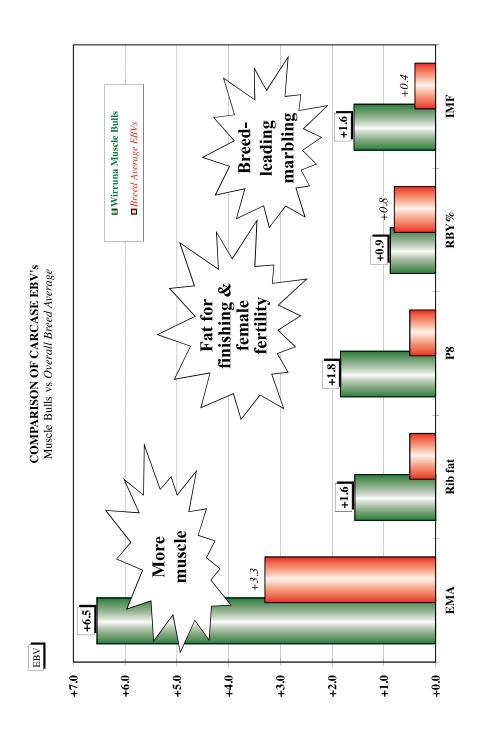
Jan 2019 GROUP BREEDPLAN EBV's

CALVING EASE				GROWTH & MATERNAL					
Calving Ease	Calving Ease	Gestation Length	Birth	200-Day	400-Day	600-Day	Mat Cow	Genetic	
DIR (%)	DTRS (%)	(days)	Weight	Growth	Weight	Weight	Weight	Milk	
+5.5	+3.1	-2.0	+4.1	+44	+69	+93	+60	+27	
44%	35%	66%	73%	66%	66%	65%	59%	48%	

FERT	ILITY		CARCASE					
Scrotal Size		Carc	EMA	Rib Fat	Rump Fat	RBY	IMF	
(cm)	Days to Calving	Weight	(sq cm)	(mm)	(mm)	(%)	(%)	Docility
+3.0	-4.4	+71	+6.1	+1.9	+2.2	+0.3	+1.8	+9
75%	35%	54%	50%	54%	58%	52%	52%	48%

		STRUCTUI	RAL ASSESSMENT	7-Dec-18	Temp.
Front 6	Back 6 5	6	5 1 5	1	5-Dec-18 39

	\$INDEX VALUE			Polled Gene	Maturity	Mus Score	EY	ES
Supermarket	Grass Fed	Grain Fed	EU Index	₩ D1.			h.	Eye Pigment
\$140	\$138	\$177	\$153	Ph Hetz	Mid	C+	( ) A	100/100



# **WIRRUNA NOBY N059 (AI)**

Pen No. 10 (Muscle Bulls)

Birth Date: Society ID: WNAN059 Horn/Scurs/Poll:

Really soft, sound & eye-appealing bull for carcase

Carcase quality & quantity with top 5% EMA & top 1% IMF% - a rare combination

☑ Good growth achieved from a 34kg weight at birth

☐ High fertility & good CE contributes Top 5% ranking for \$Indices 'Star Lot'

SOUTH BUKALONG WALKER 6

SOUTH BUKALONG WALLACE 2

SOUTH BUKALONG VICTORIA 152

Sire: WIRRUNA FORT F382 (WNAF382)

MOUNT DIFFICULT FELLIS Y12 (AI)

MOUNT DIFFICULT LORNA B123

**MOUNT DIFFICULT LORNA X73** 

Easy-calve

ALLENDALE YACKA

ALLENDALE ANZAC E114

ALLENDALE DAWN B22 (AI) (ET)

Dam: WIRRUNA LAST DAY L326 (WNAL326)

MOUNT DIFFICULT FELLIS Y12 (AI)

WIRRUNA LAST DAY D84

WIRRUNA LAST DAY B140

Jan 2019 GROUP BREEDPLAN EBV's

<b>TITLE</b>	CALVING EASE			GROWTH & MATERNAL					
Calving Ease	Calving Ease	Gestation Length	Birth	200-Day	400-Day	600-Day	Mat Cow	Genetic	
DIR (%)	DTRS (%)	(days)	Weight	Growth	Weight	Weight	Weight	Milk	
+5.8	+4.9	-4.1	+1.7	+34	+51	+68	+47	+15	
55%	48%	77%	74%	70%	70%	70%	65%	61%	

FERT	ILITY		CARCASE					
Scrotal Size		Carc	EMA	Rib Fat	Rump Fat	RBY	IMF	
(cm)	Days to Calving	Weight	(sq cm)	(mm)	(mm)	(%)	(%)	Docility
+3.6	-6.0	+60	+5.9	+1.1	+1.6	+0.7	+1.9	+16
78%	46%	61%	56%	59%	62%	57%	60%	58%

		STRUC	TURAL ASSE	SSMENT	7-Dec-18		Temp.
Front Back 6 6	Front 5	6	5	11/5	1	5-Dec-18	\$ 1 m

	\$INDEX	VALUE		Polled Gene	Maturity	Mus Score	EY	ES
Supermarket	Grass Fed	Grain Fed	EU Index	⊠ DD			6.	Eye Pigment
\$127	\$129	\$169	\$148	Homz	Mid	C+	10	90/100

#### **WIRRUNA NANGU N136**

N136

Pen No. 10 (Muscle Bulls)

Birth Date: 12-Aug-17 Society ID: WNAN136 Horn/Scurs/Poll: P

☑ A Lance son showing width, capacity & softness

Excellent B- muscling - Earlier maturity with top 1% carcase quality (IMF%)

☐ Curve bender - Born light at birth & amoung the better weight gainers of the group

☑ A genetic dehorner with top 5% milk & suiting grass-finishing systems

'Star Lot'

QUAMBY PLAINS STOCKMASTER Y118

— WIRRUNA FLETCHER F214

WIRRUNA LAST DAY B16 (H)

Sire: WIRRUNA LANCE L74 (WNAL74)

ELITE 4110 E212

WIRRUNA GOLDEN VANITY H60

WIRRUNA GOLDEN VANITY F303

Easy-calve

SOUTH BUKALONG SHAW 3

SOUTH BUKALONG SHANNON 40

SOUTH BUKALONG PETAL 88

Dam: WIRRUNA MADAM L478 (WNAL478)

SOUTH BUKALONG WALLACE 2

WIRRUNA MADAM F18

WIRRUNA MADAM D232

Jan 2019 GROUP BREEDPLAN EBV's

	San Lore an	100	DI LI III LDI	•					
	CALVIN	IG EASE		GROWTH & MATERNAL					
Calving Ease	Calving Ease	Gestation Length	Birth	200-Day	400-Day	600-Day	Mat Cow	Genetic	
DIR (%)	DTRS (%)	(days)	Weight	Growth	Weight	Weight	Weight	Milk	
+7.3	+7.5	-4.0	+3.0	+43	+68	+90	+59	+22	
46%	37%	59%	72%	65%	65%	64%	57%	48%	

FERT	ILITY		CARCASE					
Scrotal Size		Carc	EMA	Rib Fat	Rump Fat	RBY	IMF	
(cm)	Days to Calving	Weight	(sq cm)	(mm)	(mm)	(%)	(%)	Docility
+1.7	-5.2	+69	+3.4	+1.7	+2.0	-0.8	+1.9	-8
77%	38%	54%	50%	53%	57%	51%	51%	48%

		STRUC	TURAL ASSES	SSMENT	7-Dec-18		Temp.
Front Back 5 7	Front 5	Back 7	F 6	11/5	1	5-Dec-18	\$75°

	\$INDEX	VALUE		Polled Gene	Maturity	Mus Score	EY	ES
Supermarket	Grass Fed	Grain Fed	EU Index	⊠ DD			6.	Eye Pigment
\$137	\$135	\$175	\$149	Homz	Early	B-	103	95/100

# **WIRRUNA NOTION N149 (AI)**

Pen No. 10 (Muscle Bulls)

Birth Date: 13-Aug-17 Society ID: WNAN149 Horn/Scurs/Poll:

- High \$Index Fletcher son for carcase quality
- Highest scan for marbling with IMF% EBV in top 1% of breed
- ☑ Also top 25% EMA & top 10% Carcase Weight EBVs
- ☑ Combines CE & short GL with curve-bending growth (top 5% 200D)

NOOKEN VALERIAN 2

**QUAMBY PLAINS STOCKMASTER Y118** QUAMBY PLAINS MAGPIE W9

Sire: WIRRUNA FLETCHER F214 (WNAF214)

MOUNT DIFFICULT UNGAR (S)

WIRRUNA LAST DAY B16 (H)

WIRRUNA LAST DAY Z152

MOUNT DIFFICULT CADBURY

WIRRUNA JACK J12

WIRRUNA LAST DAY G63

Dam: WIRRUNA GOLDEN VANITY L525 (WNAL525)

WARWICK COURT EPIC E032

CO-OP5 GOLDEN VANITY H257 WIRRUNA GOLDEN VANITY C252

Jan 2019 GROUP BREEDPLAN EBV's

1111	CALVING EASE Coluing Eags Contain Langth Pieth			GROWTH & MATERNAL					
Calving Ease DIR (%)	Calving Ease DTRS (%)	Gestation Length (days)	Birth Weight	200-Day Growth	400-Day Weight	600-Day Weight	Mat Cow Weight	Genetic Milk	
. ,	` '		Ü		Ü	Ü	Ü		
+6.6	+6.0	-4.0	+4.7	+44	+67	+90	+66	+16	
50%	41%	75%	74%	69%	69%	68%	63%	56%	

FERT	ILITY		CARCASE					
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBY (%)	IMF (%)	Docility
+2.2	-4.2	+63	+4.2	+0.4	-0.6	+0.9	+2.0	+7
78%	44%	60%	56%	59%	62%	56%	58%	54%

		STRUCTURAL ASSESSMENT 7-Dec-18					Temp.
Front Back 7 6	Front 6	Back 6	1	TW 5	1	5-Dec-18	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2

	\$INDEX	VALUE		Polled Gene	Maturity	Mus Score	EY	ES
Supermarket	Grass Fed	Grain Fed	EU Index	₹ Ph			6.	Eye Pigment
\$131	\$129	\$174	\$150	<b>PN</b> Hetz	Mid	C+	103	95/30

N189

Pen No. 10 (Muscle Bulls)

Birth Date: 15-Aug-17 Society ID: WNAN189 Horn/Scurs/Poll: P

- ☑ An easy-fleshing X51 son (ET brother to Lot 17)
- ☑ Again, note the rare combination of top 5% muscle & marbling
- ☑ Large testicles supported by excellent fertility traits SS & DtC EBVs in top 1%
- ☑ Easy doing ability for finishing on grass and female fertility High fat EBVs

FELTONS LEGEND 242 (IMP USA)

MSU TCF REVOLUTION 4R

MSU TCF RACHAEL ET 54N

Sire: KCF BENNETT REVOLUTION X51 (OSA43081556AHR)

EFBEEF SCHU-LAR PROFICIENT N093 (IMP USA)

KCF MISS PROFICIENT U201

KCF MISS 774 L82

SOUTH BUKALONG WALKER 6

SOUTH BUKALONG WALLACE 2

SOUTH BUKALONG VICTORIA 152

Dam: WIRRUNA LAST DAY G63 (WNAG63)

ELITE J7C X54 (AI)

WIRRUNA LAST DAY A31

WIRRUNA LAST DAY S102

Jan 2019 GROUP BREEDPLAN EBV's

11111	CALVIN	NG EASE		GROWTH & MATERNAL					
Calving Ease	Calving Ease	Gestation Length	Birth	200-Day	400-Day	600-Day	Mat Cow	Genetic	
DIR (%)	DTRS (%)	(days)	Weight	Growth	Weight	Weight	Weight	Milk	
+3.2	+4.2	-1.4	+5.9	+44	+66	+94	+65	+21	
50%	41%	69%	75%	70%	70%	70%	63%	59%	

FERT	TLITY							
Scrotal Size		Carc	EMA	Rib Fat	Rump Fat	RBY	IMF	
(cm)	Days to Calving	Weight	(sq cm)	(mm)	(mm)	(%)	(%)	Docility
+4.0	-6.9	+66	+5.5	+2.4	+2.8	+0.1	+1.3	+8
78%	42%	59%	55%	58%	61%	55%	60%	60%

STRUCTURAL ASSESSMENT 7-Dec-18							Temp.
Front Back 6 6	Front 5	Back 6	K 4	TW 5	1	5-Dec-18	\$75°

	\$INDEX	VALUE		Polled Gene	Maturity	Mus Score	EY	ES
Supermarket	Grass Fed	Grain Fed	EU Index	⊠ DD			6.	Eye Pigment
\$142	\$140	\$174	\$158	Homz	Mid	C+	103	70/70

Pen No. 10 (Muscle Bulls)

Birth Date: 16-Aug-17 Society ID: WNAN209 Horn/Scurs/Poll:

- ☑ Well fleshed Anzac with dark red coat
- Ideal carcase combination quality (top 1% IMF%) & quantity (top 10% EMA)
- ☑ A genetic dehorner that offers calving ease traits & docile nature
- ☐ High marbling contributes to his top 10% ranking for Grainfed \$Index

ALLENDALE PUNTER 3

ALLENDALE YACKA

ALLENDALE FLORRIE Z33

Sire: ALLENDALE ANZAC E114 (AEDE114)

ALLENDALE NATIONAL W168

ALLENDALE DAWN B22 (AI) (ET)

ALLENDALE DAWN T60 (AI)

Easy-calve

SOUTH BUKALONG WALLACE 2

**WIRRUNA FORT F382** 

MOUNT DIFFICULT LORNA B123

Dam: WIRRUNA UNDERTONE J527 (WNAJ527)

MOUNT DIFFICULT UNGAR (S)

WIRRUNA UNDERTONE B41 WIRRUNA UNDERTONE Z153

an 2019 GROUP BREEDPLAN FRV's

11111	CALVIN	IG EASE		GROWTH & MATERNAL						
Calving Ease	Calving Ease	Gestation Length	Birth	200-Day	400-Day	600-Day	Mat Cow	Genetic		
DIR (%)	DTRS (%)	(days)	Weight	Growth	Weight	Weight	Weight	Milk		
+6.1	+3.0	-3.0	+1.6	+30	+45	+59	+41	+16		
55%	49%	76%	74%	70%	70%	69%	65%	60%		

FERT	ILITY	CARCASE						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA	Rib Fat (mm)	Rump Fat (mm)	RBY (%)	IMF (%)	Docility
(cm)	Days to Calving	weight	(sq cm)	(IIIII)	(IIIII)	(70)	(%)	Docinty
+1.9	-4.7	+51	+5.2	+1.6	+1.9	+0.4	+1.9	+10
78%	43%	61%	56%	60%	63%	58%	60%	57%

		STRUCTURAL ASSESSMENT			7-Dec-18		Temp.
Front Back	Front 5	Back 5	5	11/5	1	5-Dec-18	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2

	\$INDEX	VALUE		Polled Gene	Maturity	Mus Score	EY	ES
Supermarket	Grass Fed	Grain Fed	EU Index	× DD			6.	Eye Pigment
\$110	\$112	\$148	\$127	Homz	Mid	C+	104	100/75

N230

Pen No. 10 (Muscle Bulls)

Birth Date: 17-Aug-17 Society ID: WNAN230 Horn/Scurs/Poll: P

- ☑ Muscle bull by Revolution X51 showing great structure
- ☐ Great carcase top 1% muscling & positive fat traits for boosting MSA index
- ☑ True curve bender light BWT, above average growth & moderate MCW
- ☑ A genetic dehorner offering calving ease & top 5% Grassfed \$Index

FELTONS LEGEND 242 (IMP USA)

MSU TCF REVOLUTION 4R

MSU TCF RACHAEL ET 54N

Sire: KCF BENNETT REVOLUTION X51 (OSA43081556AHR)

EFBEEF SCHU-LAR PROFICIENT N093 (IMP USA)

— KCF MISS PROFICIENT U201 KCF MISS 774 L82

Easy-calve

SOUTH BUKALONG WALKER 6

SOUTH BUKALONG WALLACE 2

SOUTH BUKALONG VICTORIA 152

Dam: WIRRUNA URSULA F25 (WNAF25)

KOANUI ROCKET 0219

WIRRUNA URSULA D45

WIRRUNA URSULAB20

Jan 2019 GROUP BREEDPLAN EBV's

l	<b>TITLE</b>	CALVIN	NG EASE			GROV	VTH & MATE	RNAL	
	Calving Ease	Calving Ease	Gestation Length	Birth	200-Day	400-Day	600-Day	Mat Cow	Genetic
	DIR (%)	DTRS (%)	(days)	Weight	Growth	Weight	Weight	Weight	Milk
	+10.6	+7.8	-3.0	+1.9	+36	+57	+72	+34	+18
	48%	39%	76%	74%	69%	69%	68%	62%	57%

FERT	TILITY CARCASE							
Scrotal Size		Carc	EMA	Rib Fat	Rump Fat	RBY	IMF	
(cm)	Days to Calving	Weight	(sq cm)	(mm)	(mm)	(%)	(%)	Docility
+1.9	-3.0	+63	+7.3	+1.6	+2.0	+1.5	+0.8	+6
78%	41%	58%	54%	57%	60%	54%	57%	56%

		STRUCTURAL ASSESSMENT			7-Dec-18		Temp.
Front Back 5	Front 5	Back 6	5	11/5	3	5-Dec-18	\$75°

	\$INDEX	VALUE		Polled Gene	Maturity	Mus Score	EY	ES
Supermarket	Grass Fed	Grain Fed	EU Index	⊠ DD			6.	Eye Pigment
\$124	\$125	\$148	\$138	Homz	Mid	C+	103	100/100

# **WIRRUNA NEPAL N231 (ET)**

N231

Pen No. 10 (Muscle Bulls)

Birth Date: 17-Aug-17 Society ID: WNAN231 Horn/Scurs/Poll: P

☑ ET calf out of favoured Donor Cow - full brother to lot 33

Don't let pale coat colour distract from the carcase traits offered by X51 progeny

☑ Exhibits good width down the backline - EMA ranked in top 1%

☑ Homozygous polled with large testicles (top 5% SS) & top 5% \$Indices

FELTONS LEGEND 242 (IMP USA)

MSU TCF REVOLUTION 4R

MSU TCF RACHAEL ET 54N

Sire: KCF BENNETT REVOLUTION X51 (OSA43081556AHR)

EFBEEF SCHU-LAR PROFICIENT N093 (IMP USA)

— KCF MISS PROFICIENT U201

KCF MISS 774 L82

Easy-calve

ARDO HUSTLER 4110 (IMP)

- ELITE 4110 E212

SOUTH BUKALONG WINIFRED 54

Dam: WIRRUNA DOREEN H5 (WNAH5)

WIRRUNA DEBARRY D145

WIRRUNA DOREEN F229

WIRRUNA DOREEN C9

Jan 2019 GROUP BREEDPLAN EBV's

71111	CALVIN	NG EASE			GROWTH & MATERNAL					
Calving Ease DIR (%)	Calving Ease DTRS (%)	Gestation Length (days)	Birth Weight	200-Day Growth	400-Day Weight	600-Day Weight	Mat Cow Weight	Genetic Milk		
+6.2	+4.9	-1.5	+2.9	+38	+62	+81	+54	+15		
48%	37%	66%	74%	69%	69%	68%	61%	56%		

FERT	ILITY CARCASE							
Scrotal Size		Carc	EMA	Rib Fat	Rump Fat	RBY	IMF	
(cm)	Days to Calving	Weight	(sq cm)	(mm)	(mm)	(%)	(%)	Docility
+3.8	-4.4	+66	+7.6	+1.3	+1.0	+1.4	+0.9	+4
77%	38%	57%	53%	56%	59%	53%	57%	57%

		STRUCTURAL ASSESSMENT			7-Dec-18		Temp.
Front Back	Front 5	Back 6	5	146	1	5-Dec-18	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2

	\$INDEX	VALUE		Polled Gene	Maturity	Mus Score	EY	ES
Supermarket	Grass Fed	Grain Fed	EU Index	⊠ DD			6.	Eye Pigment
\$129	\$129	\$156	\$147	Homz	Mid	C+	103	100/100

# **WIRRUNA NASCAR N241 (AI)**

N241

Pen No. 11 (Muscle Bulls)

Birth Date: 17-Aug-17 Society ID: WNAN241 Horn/Scurs/Poll: P

$\checkmark$	Soft fl	eshing	bull	for	high	carcase	value
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☑ High scan for marbling with IMF% EBV amoung the very top bulls of the breed

☑ High-end weight/day of age performance - top 20% growth EBVs

☑ Grainfed \$Index is ranked in top 1% reflecting good balance of profit traits

"Star Lot"

ALLENDALE PUNTER 3

— ALLENDALE YACKA

ALLENDALE FLORRIE Z33

Sire: ALLENDALE ANZAC E114 (AEDE114)

ALLENDALE NATIONAL W168

ALLENDALE DAWN B22 (AI) (ET)

ALLENDALE DAWN T60 (AI)

QUAMBY PLAINS STOCKMASTER Y118

WIRRUNA FLETCHER F214

WIRRUNA LAST DAY B16 (H)

Dam: WIRRUNA GOLDEN VANITY K139 (WNAK139)

WIRRUNA BERTIE
WIRRUNA GOLDEN VANITY D229

WIRRUNA GOLDEN VANITY B162

Jan 2019 GROUP BREEDPLAN EBV's

11111	CALVIN	NG EASE			GROV	VTH & MATE	RNAL	
Calving Ease	Calving Ease	Gestation Length	Birth	200-Day	400-Day	600-Day	Mat Cow	Genetic
DIR (%)	DTRS (%)	(days)	Weight	Growth	Weight	Weight	Weight	Milk
+0.1	+1.7	-1.4	+4.8	+40	+63	+87	+63	+18
54%	47%	76%	74%	70%	70%	69%	65%	59%

FERT	TILITY			CAR	CASE			
Scrotal Size		Carc	EMA	Rib Fat	Rump Fat	RBY	IMF	
(cm)	Days to Calving	Weight	(sq cm)	(mm)	(mm)	(%)	(%)	Docility
+3.1	-4.7	+60	+5.7	+2.1	+2.8	-0.7	+3.2	+10
78%	42%	61%	57%	60%	63%	58%	59%	56%

		STRUC	TURAL ASSES	SSMENT	7-Dec-18		Temp.
Front Back 7 7	Front 5	Back 7	K 6	TW 5	3	5-Dec-18	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2

	\$INDEX	VALUE		Polled Gene	Maturity	Mus Score	EY	ES
Supermarket	Grass Fed	Grain Fed	EU Index	⊠ DD			h.	Eye Pigment
\$129	\$130	\$188	\$146	Homz	Mid	C+	( ) A	100/100









(6	Ļ	contraction particular			F	Autumn Sale 2019 - Wirruna Poll Herefords	sale 20	19 - W	rruna	Poll He	reforc			ı			0.0400	and rared acres to the	40%				Sumn	mary of	i Perfor	Summary of Performance Information
Lot No	Animal Tag	Sire	CE Dir (%)	CE Dus Ge	Gest Length	Birth	200-Day Growth	400 Day Weight	600 Day Weight	Mature	Genetic S Milk	Scrotal Size EBV	c Days to S	Scrotum Car (cm) (	lare Wgt E2 (kgs) (sq	EMA Rif (sq.cm) (n	Rib Fur PS (mm)	P8 Fu RBY (%)	17 IMP	Docilin	_	Supermark	A Grass Fod	Grain Fed	EU Index	NOTES/PEN/PURPOSE
-	M010	WIRRUNA FLETCHER F214	+13.9	+10.5	-7.1	1.4	+32	95+	<i>L</i> 9+	+36	+23	+2.7	-5.2	41	+ 99+	+ 6.9+	+1.1 +1	+1.0 +1	+1.7	+5	ż	\$137	\$140	\$177	\$157	(Wirruna Sires)
8	M126	WIRRUNA FORT F382	+9.1	9.7+	-4.3	+1.6	+38	+62	06+	+71	+17	+2.9	4.9	39	+73 +6	+5.0 +4	+0.7 +1	+1.2 +1	+1.4 +1.6	6 +15	ċ	\$145	\$144	\$178	\$1 <b>63</b>	(Wirruna Sires)
ဗ	M154	WIRRUNA JUSTIN J13	4.6	+5.7	-2.9	+3.9	442	+67	+92	+49	+15	+3.1	5.6	38	+ 99+	+5.8 +	+2.8 +4	+4.0	+0.3 +2.0	L+ 0	ċ	\$137	\$137	\$180	3151	(Wirruna Sires)
4	M175	WIRRUNA JUSTIN J13	+4.0	+4.1	-4.0	+2.8	43	+76	+6+	09+	41+	+2.5	-5.6	40	+82 +	+7.3 +	+1.9 +2	+2.5	+1.2 +1.5	111+	÷	\$149	\$149	\$185	\$166	(Wirruna Sires)
2	M214	ALLENDALE ANZAC E114	+7.1	+4.3	-1.5	+2.3	+38	69+	+91	99+	+18	4.9	4.3	41	+72 +0	+6.2 +	+1.1	+1.5 +0	+0.7 +1.6	9 +111	ċ	\$141	\$140	\$176	SIS7 1	(Wirruna Sires)
9	M404	KCF BENNETT REVOLUTION X51	+8.2	+3.0	-0.2	+3.9	+37	89+	+91	+67	+14	+2.7	5.5	38	+72 +9	+9.4 +	+1.8	+2.0 +1	+1.2 +2.3	4	B-	\$150	\$151	\$200	) I ILIS	(Wirruna Sires)
7	M417	WIRRUNA KEITH K169	-0.1	-2.8	-2.1	+2.7	+35	+58	+78	89+	+19	+3.2	-6.4	39	99+	+ 0.9+	+1.9 +2	+2.8 +0.1	+2.4	7	÷	\$122	\$123	\$166	\$140 1	(Wirruna Sires)
60	M433	KCF BENNETT REVOLUTION X51	+12.4	+4.7	+0.4	+0.1	+22	+49	+58	+31	+11	+2.9	-5.1	39 +	+54	+9.1 +	+2.0 +2	+2.2 +1.0	.0 +2.4	4	ů	\$126	\$132	\$180	\$148	(Wirruna Sires)
6	N039	ALLENDALE ANZAC E114	-7.2	-2.4	-0.5	+9.6	+54	88+	+128	+104	+21	+3.7	-2.7	40	;+ 6/	+5.5	+0.2 +0	+0.0+	+1.6 +1.1	1 +9	B-	\$127	\$118	\$149	\$138 7 (	(Growth Bulls)
10	N051	WIRRUNA FLETCHER F214	+7.3	+5.9	-7.0	+2.0	+43	+71	+93	+65	+20	+1.7	-4.7	36	)+ 6/_+	+6.5	+0.7 +0	+0.3	+1.6 +1.8	S+7	÷	\$145	\$144	\$184	\$164 7 (	(Growth Bulls)
Ξ	N075	ORARI GORGE MISCHIEF 120083	-0.4	+1.3	-3.9	+6.9	+47	+83	+1117	+121	+16	+3.9	5.5	41	:+ 9/-+	+3.8	+0.8	+1.5	+0.6 +0.4	* *	ċ	\$134	\$125	\$140	\$145 7 (	(Growth Bulls)
12	N077	ALLENDALE ANZAC E114	4	+3.6	-4.8	+5.4	4	+75	+103	+83	61+	4.	4.1	40	+71	+5.3	+1.0 +1	+1.5	+1.0 +1.0	0 +13	÷	\$139	\$134	\$161	\$153 7 (	(Growth Bulls)
13	N094	WIRRUNA FLETCHER F214	+5.6	+6.0	-5.8	+5.0	448	+74	+101	+83	+17	+1.6	5.5	37	;+ 9/	+5.5	+0.4	-0.5 +1.4	4 +1.7	7 -14	÷	\$144	\$140	\$181	\$164 7 (	(Growth Bulls)
14	V097	ALLENDALE ANZAC E114	5.0	-1.2	-1.8	+6.0	+46	+71	+100	+83	+19	+3.7	4.2	42	+72 +(	+ 0.9+	+1.7 +2	+2.3	+0.5 +2.3	61+ 8	ţ	\$125	\$122	\$165	8139 7 (	(Growth Bulls)
15	N140	WIRRUNA FLETCHER F214	+1.5	+2.1	4.9	+6.5	449	9/+	+102	+80	+24	+3.8	-6.3	40	+ 0/+	+4.1	+1.0 +0	+0.7 +0.1	1.9	8-	ţ	\$137	\$133	\$177	\$155 7 (	(Growth Bulls)
16	N152	ALLENDALE ANZAC E114	4.3	-1.0	+0.4	+5.8	43	69+	+101	+75	+21	+3.9	-4.0	42	+73 +1	+6.3 +	+2.4 +3	+3.2 +0.1	+2.7	7 +19	ċ	\$132	\$130	\$181	3146 7 (	(Growth Bulls)
17	N169	KCF BENNETT REVOLUTION X51	+2.0	+3.9	-1.4	+7.4	+52	+76	+100	+73	+22	+2.8	5.4	39	+71 +	+ 9.5+	+1.9 +2	+2.2	+0.4	0+	ċ	\$136	\$133	\$165	8 1518	(Growth Bulls)
18	N173	MOUNT DIFFICULT CADBURY	+12.4	+9.1	-4.8	+1.7	+39	69+	+93	+71	+18	+2.1	-4.6	36	+73	+4.6	+2.4 +3	+3.3 +0	+0.0	2 +5	÷	\$150	\$151	\$ 061\$	\$164 8 (	(Growth Bulls)
19	N188	ORARI GORGE MISCHIEF 120083	£.	+4.0	-4.6	+6.1	<del>4</del> 8	+85	+1117	96+	+20	4.3	-6.5	43	+ 9/+	+3.8	+0.9	+0.7 +0.4	414	<del>1</del>	ċ	\$156	\$150	\$188	\$173 8 (	(Growth Bulls)
20	N243	WIRRUNA FORT F382	-3.0	+0.4	-1.7	9.9+	+47	+71	+100	+78	+17	+2.8	4.2	37	;+ <u>99</u> +	+2.8 +4	9.0+	+0.9 +0.5	5.	1 +14	Ö	\$115	\$110	\$137	\$127 8 (	(Growth Bulls)
21	N261	ALLENDALE ANZAC E114	+2.9	+2.0	8.0-	+6.2	+47	08+	+1111	98+	+19	4.	-3.0	14	+ 8/+	+6.1	+0.9	+1.2 +1	+1.0 +1.5	61+ 5	÷	\$142	\$138	\$173	8 9518	(Growth Bulls)
22	N295	ALLENDALE ANZAC E114	-5.1	-1.2	-0.8	+7.0	+46	+71	+104	06+	+19	4.	4.3	42	+75 +0	+6.2 +	+1.1 +1	+1.5 +1	+1.3 +1.7	7 +19	ċ	\$125	\$121	\$157	<b>\$141</b> 8 (	(Growth Bulls)
23	N417	ALLENDALE ANZAC E114	+1.7	+1.5	-1.7	+4.8	4	82+	+107	68+	+20	+1.9	-2.6	37	;+ 08+	+ 6.5+	+1.7 +2	+2.6 -0.3	.3 +2.7	7 +16	ċ	\$138	\$135	\$182	\$148 8 (	(Growth Bulls)
24	N550	WIRRUNA LEDGER L285	+5.5	+3.1	-2.0	+4.1	44	69+	+93	09+	+27	+3.0	4.4	39	+7.1 +6	+6.1 +	+1.9 +2	+ <b>5.2</b>	+0.3 +1.8	8 +9	ċ	\$140	\$138	\$177	8153 8 (	(Growth Bulls)
25	N059	WIRRUNA FORT F382	+5.8	+4.9	-4.1	+1.7	+34	+51	89+	+47	+15	+3.6	-6.0	39	+ 09+	+5.9	+1.1	+1.6	+0.7	91+ 6	ţ	\$127	\$129	691\$	\$148 10	(0 (Muscle Bulls)
26	N136	WIRRUNA LANCE L74	+7.3	+7.5	-4.0	+3.0	+43	89+	06+	+59	+22	+1.7	5.2	37	69+	+3.4	+1.7	+2.0 -0.8	8.	8	B-	\$137	\$135	\$175	\$149 10 (	10 (Muscle Bulls)
27	N149	WIRRUNA FLETCHER F214	9.9+	+6.0	-4.0	+4.7	#	<b>29</b> +	06+	99+	+16	+2.2	-4.2	38	+63 +	+4.2 +4	+0.4	-0.6 +0	+0.9 +2.0	L+ 0	ċ	\$131	\$129	\$174	\$150 10	10 (Muscle Bulls)
28	N189	KCF BENNETT REVOLUTION X51	+3.2	+4.2	-1.4	+5.9	4	99+	+64	+65	+21	+4.0	6.9	42	+ 99+	+5.5 +	+2.4 +2	+2.8 +0.1	11.3	** **	÷	\$142	\$140	\$174	\$158 10 C	10 (Muscle Bulls)
		Breed Ave. '17 drop	+1.1	+1.2	-0.3	+4.4	+33	+54	+77	+67	+16	+2.0	-2.7	+	+50 +.	+3.3 +(	+0.5 +6	+0.5 +0.8	18 +0.4	4 +2		\$88	\$83	\$95	86\$	
	Tot	Top 20% of breed '17 drop	+5.7	+4.0	-1.5	+2.8	+38	+62	+88	+82	+19	+2.5	-3.9	+	+28 +7	+4.3 +1	+1.0 +1	+1.4 +1.3	3 +0.8	6+ 8		\$106	\$102	\$122	\$118 Yell	Yellow Highlight: Ranks in the top 20%
	Top	Top 5% of breed '17 drop	+9.8	+6.4	3.2	+0.9	+42	+20	+100	+62	+22	+3.2	-5.0		+ 29+	+2.5 +	+1.6 +2	+2.2 +1.9	.9 +1.3	3 +15	JO.	\$125	\$122	\$151	\$139 Blac	Black Highlight: Ranks in the top 5%
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on Marines	Jan 2019 GHOUP BHEEDPLAN EBV'S	CEDir CE	CE Dus Gest	LASE	Birth 200 Weight Gre	200 Day 400 Growth We	400 Day 600 Weight We	600 Day Ma Weight Wei	ture Geneti	etic Scrotal	1 Size Days to	to Scrotur.	Carc Wgt	EMA (so cm)	Rib Fut	P8 Far	RBY (%)	DMF D	Socility SC	MUSCLE Sup	ermank Grass Fod	Grass Fod Grain Fod	Fed EU Inde	NOTES/PEN/PURPOSE
N209	ALLENDALE ANZAC E114	+6.1	+3.0	3.0		+30	1	+59 +41	11 +16	6 +1.9		35	+51	+5.2	+1.6	41.9			+10		\$110	12 \$148	8 \$127	7 10 (Muscle Bulls)
N230	KCF BENNETT REVOLUTION X51	+10.6	+7.8	-3.0 +	+1.9	+36 +5	+57 +	+72 +34	+18	8 +1.9	.9 -3.0	36	+63	+7.3	+1.6	+2.0	+1.5	+0.8	9	÷	\$124 \$125	25 \$148	8 \$138	8 10 (Muscle Bulls)
N231	KCF BENNETT REVOLUTION X51	+6.2 +	6.4+	+ -1.5	+2.9	+38	+ 62	+81 +54	+15	5 +3.8	8.	4	99+	+7.6	+1.3	+1.0	+1.4	6.0+	4	ţ.	\$129 \$129	29 \$156	6 \$147	10 (Muscle Bulls)
N241	ALLENDALE ANZAC E114	+0.1	+1.7	4.1	****	9+	+ +93	+87 +63	91+18	8 +3.1	1 4.7	39	09+	+5.7	+2.1	+2.8	-0.7	+3.2	01+	S +5	\$129 \$130	30 \$188	8 \$146	6 11 (Muscle Bulls)
N250	KCF BENNETT REVOLUTION X51	+5.2 +	- <del> </del>	+ 9.1-	+2.6	+38 +6	+64	+86 +45	12+ 51	17 +5.7	7.	38	+75	+9.5	+2.1	+2.4	+2.0	+1.3	5	Ċ.	\$144 \$145	45 \$178	8 \$160	0 11 (Muscle Bulls)
N257	KCF BENNETT REVOLUTION X51	+ 6.9+	+4.2	-1.3	+4.0	+41	+75 +	69+ <u>76</u> +	69 <b>+20</b>	97 +1.6	9.	34	+75	+8.8	+1.5	+1.7	+1.4	+1.6	+13	Ç. ÷	\$145 \$144	44 \$181	191\$ 18	I (Muscle Bulls)
N296	KCF BENNETT REVOLUTION X51	+5.5	± 4.0	+0.0+	+5.3	+40	+64	+83 +65	55 +12	2 +3.1	1-6.9	40	<del>1</del> 6+	+8.2	+1.0	+1.1	+2.5	+0.2	ŝ	C+ S	\$134 \$133	33 \$152	\$156	6 11 (Muscle Bulls)
N300	ALLENDALE ANZAC E114	+ 8.6+	+6.1	+0.2	+0.1	+33 +5	+ 28	+74 +49	to +20	90 +3.3	3.6	36	+63	+5.5	+2.3	+3.5	-0.4	+1.8	+13	Ç †	\$128 \$129	29 \$161	11 \$139	9 11 (Muscle Bulls)
N307	WIRRUNA KALIMNA K326	+4.3	+0.2	-1.2	+3.2 +.	+34	+62 +	+80 +61	11 +12	2 +3.6	.6 5.7	38	+62	+6.9	+2.1	+2.7	+0.4	+2.6	-12	C+ C	\$135 \$137	37 \$188	88 \$156	6 11 (Muscle Bulls)
N311	KCF BENNETT REVOLUTION X51	+ 6.9+	+4.5	+ 6.0-	+2.1	+37 +5	+ 65+	+77 +43	13 +14	4 +2.0	.0 -2.5	39	89+	+9.3	+1.0	+0.9	+2.2	+1.7	-5	C +	\$130 \$132	32 \$169	9 \$148	8 11 (Muscle Bulls)
N395	WIRRUNA KANE K18	+4.6 +	+1.8	-2.2 +	+5.6	+39 +(	+ 59+	+95 +87	61+ 78	9 +4.2	.2 -5.6	42	+67	+5.1	+1.2	+1.8	+1.5	+0.6	6-	ţ.	\$134 \$130	30 \$150	80 \$151	I (Muscle Bulls)
N014CHS	INJEMIRA REDFORD J084	+9.7	+7.1	-5.2	+1.2	+31 +51		+65 +49	+14	4 +2.9	9 -3.6	38	+55	6.44	+0.9	+1.3	+1.4	+0.8	s.	÷	\$113 \$114	14 \$133	\$ \$129	9 3 (Specialist Heifer Bulls)
N020	ORARI GORGE MISCHIEF 120083	+11.1 +	- 8:7+	+ + + + +	+1.6	+35 +6	+64	+87 +63	61+	9 +5.0	.0 -7.1	41	89+	+3.6	+1.3	+1.7	+0.2	+1.3	6 <del>-</del>	S ±	\$146 \$145	45 \$179	9 \$164	3 (Specialist Heifer Bulls)
N023	ORARI GORGE MISCHIEF 120083	+12.0 +	-7.5	5.8 +	+0.4	+31 +6]		+79 +63	33 +15	5 +3.7	.7 6.1	39	+62	+2.8	+1.9	+2.8	+0.3	+0.6	-7	ţ.	\$132 \$13	\$132 \$148	\$146	6 3 (Specialist Heifer Bulls)
N033	WIRRUNA FLETCHER F214	+12.0 +	+8.8	+ 0.9	+0.7	+38 +5	+56 +	+74 +42	t5 +21	+1.1	.1 -3.7	35	+65	+3.6	+0.2	9:0-	+1.3	+1.5	-13	C+	\$122 \$12	\$122 \$156	621\$ 95	3 (Specialist Heifer Bulls)
N036	ORARI GORGE MISCHIEF 120083	+11.5 +	+7.0	-5.2	+2.4	+34 +6	***************************************	+92 +80	91+10	9.6+3.6	.6 -5.7	38	99+	+2.0	+1.0	+1.2	+0.1	+1.1	-12	C	\$135 \$132	32 \$160	00 \$150	3 (Specialist Heifer Bulls)
980N	WIRRUNA KALIMNA K326	+8.2 +	+4.5	+.7	+5.0 +	+34 +(	+ 09+	+77 +60	90 +21	11 +5.3	.3 5.3	43	+57	4	+1.1	+1.4	+0.8	+1.4	÷	ž	\$129 \$129	29 \$161	31 \$147	3 (Specialist Heifer Bulls)
N087	ARDO BISMARCK	+11.8 +	+7.0	4.2 +	+0.9	+25 +	+49	+67 +48	# #	1 +1.7	7.	37	+58	+5.8	+0.9	-T-T-	+1.7	+1.0	÷	÷	\$120 \$12	\$122 \$148	8139	3 (Specialist Heifer Bulls)
N102	WIRRUNA FORT F382	+ 7.7+	4.4	-3.1	+2.1	+35 +4	+55 +	+76 +51	15	8.1+	8.	36	+62	+5.1	+0.7	+0.9	+1.4	+1.2	+12	C	\$123	23 \$152	52 \$140	3 (Specialist Heifer Bulls)
N118	WIRRUNA FORT F382	+8.1	+4.2	-2.8	+1.0	+30 +7	+49	+61 +28	+13	3 +2.5	5 6.1	37	+56	+5.5	+1.9	+2.4	+1.1	+1.8	+15	S	\$127 \$131	31 \$171	1 \$148	8 4 (Specialist Heifer Bulls)
N137	WIRRUNA FLETCHER F214	+7.4	+7.4	5.0	+3.4	£43	+64 +	17+ 88+	11 +23	3 +2.0	0.	36	+64	+3.5	+1.0	+0.7	+0.2	+1.9	»	C+ C+	\$136 \$134	34 \$173	3 \$153	8 4 (Specialist Heifer Bulls)
N146	WIRRUNA KALIMNA K326	+10.4	44.9	+ 8.5	+0.3	+33 +(	+ 09+	+76 +53	93 +16	6 +3.5	.5 -6.2	40	<b>L9+</b>	+5.6	+1.9	+2.6	+0.3	+2.6	+2	ţ	\$143 \$146	46 \$195	5 \$163	8 4 (Specialist Heifer Bulls)
N183	WIRRUNA FORT F382	+6.0 +	+6.5	3.9	+3.2 +	+38 +5	+ 95+	+77 +51	+16	6 +1.1	1. 5.4	35	+57	+3.3	+1.0	+1.0	+0.4	+1.2	e+	C S	\$121 \$120	20 \$150	\$137	7 4 (Specialist Heifer Bulls)
N219	ARDO BISMARCK	+12.2 +	+7.5	-2.3	+0.9	+29	+51 +	+69 +35	35 +12	2 +2.2	.2 5.3	35	+57	+4.5	+2.1	+2.8	9:0+	+1.7	+12	C+ S	\$131 \$132	35 \$172	2 \$149	9 4 (Specialist Heifer Bulls)
N226	ORARI GORGE MISCHIEF 120083	+9.0	+5.8	+	+3.3 +;	+35 +(	+ 69	<b>68+</b>	52 +23	3 +4.5	5 -6.4	4	09+	+3.8	+1.4	+1.9	+0.3	+1.0	9	S	\$140 \$138	38 \$168	8 \$156	6 4 (Specialist Heifer Bulls)
N448	WIRRUNA LUXMAN L386	+10.5 +	6.9+	-2.6	+2.1	194 98+		+78 +59	91+ 69	9 +2.6	9.8	35	+62	+3.8	+0.7	+0.6	+0.6	+1.3	7	÷	\$120 \$119	19 \$148	8 \$135	5 4 (Specialist Heifer Bulls)
N459	WIRRUNA LUXMAN L386	+1111	+7.3	-3.2	+1.1	+37 +6	7 99+	+81	tb +21	+3.0	0.	39	+65	+3.3	+1.6	+1.8	-0.6	+2.4	-5	÷	\$135 \$136	36 \$183	3 \$150	0 4 (Specialist Heifer Bulls)
7/LIN	WIRRUNA FLETCHER F214	+ 7.7+	+5.4	+ 6.9 +	+0.7	+34 +51		+73 +54	54 +20	+1.5	5.4.2	36	+63	+4.6	+1.5	+1.4	+0.1	+2.4	4	÷	\$124 \$125	25 \$167	57 \$140	0 5 (Good Herd Bulls)
	Breed Ave. 17 drop	+1.1 +	+1.2 -6	-0.3 +	+4.4	+33 +.2	+54 +	+77 +67	57 +16	6 +2.0	.0 -2.7		+50	+3.3	+0.5	+0.5	+0.8	+0.4	+2	89	\$88 \$83	83 895	5 898	8
Top	Top 20% of breed '17 drop	+5.7 +4	+4.0	-1.5 +	+2.8 +	+38 +6	+62 +	+88 +82	32 +19		+2.5 -3.9		+58	+4.3	+1.0	+1.4	+1.3	+0.8	6+	S	\$106 \$102	02 \$122	2 \$118	8 Yellow Highlight: Ranks in the top 20%
Ton	Ton 5% of breed '17 dran	+ 8.6+	+6.4	32 +	+ 6.0+	+42 +70		77.00			0 2 66		67	2 2	9	66.	9	.4.9	ť	Ü	6105 6100	200		

Ŷ	A				Aut	nmn S	ale 20	Autumn Sale 2019 - Wirruna Poll Herefords	rruna F	Рош Не	ereforc	s											Š	mma	ry of	Summary of Performance Information	ation
2		Jan 2019 GROUP BREEDPLAN EBV's		CALVING EASE	G EASE			GROWTE	GROWTH & MATERNAL	ERNAL		F	FERTILITY				ARCAS	CARCASE DATA EBV's	EBV's		MU	MUSCLE	INIS	SINDEX VALUE	COE		
Lot No	Lot No Animal Tag	Sire	CE Dir.	CE Dirs Gest Length	Gest Length	Birth Weight	200-Day Growth	400-Day Weight	600 Day Weight	Mature	Genetic	Scrotal Size EBV	Days to Calv.	Scrotum C	Carc Wgt F (kgs) (s	EMA R (sq.cm)	Rib Fut B	P8 Fat (mm)	RBY (%)	IMF Dos	Docility SCI	SCORE Super	upermark Grass	Grass Fod Grain Fod EU Index	, Red EU1	NOTES/PEN/PURPOSE	SE
25	N192	ALLENDALE ANZAC E114	+6.7	+0.8	-1.8	+2.0	+28	+49	99+	+64	+17	+4.7	5.1	39	+20 +	+4.8	+1.4	+2.0	+0.1	+1.5	) 6+	C \$1	10 \$1	11 \$15	40 \$1:	<b>\$110 \$111 \$140 \$127</b> 5 (Good Herd Bulls)	
58	N193	WIRRUNA FLETCHER F214	4.4.4	+3.3	-2.9	+3.4	+37	09+	+79	<del>2</del> 5	+16	+2.5	4.3	38	+54 +	+3.8	0.0+	8.0	8.0+	+1.8	7	C+ \$1	\$116	\$115		\$136 5 (Good Herd Bulls)	
69	N253	ORARI GORGE MISCHIEF 120083	+2.8	+2.9	-3.4	+5.0	<u>‡</u>	99+	06+	+67	+19	+2.9	5.8	37	+61	+3.2	+1.3	+1.6	-0.1	+ 6.0+	9	÷	\$123 \$12	\$120 \$14	46 \$1.	\$146 \$136 5 (Good Herd Bulls)	
09	N286	WIRRUNA FORT F382	+2.0	+0.0	-0.3	44.5	+36	+53	+73	4	+12	+3.1	5.9	37	+52 +	+3.9	+1.1	+1.8	+0.5	+1.5	6+	C \$1	\$115	\$116 \$153	_	\$134 5 (Good Herd Bulls)	
19	N410	WIRRUNA LEDGER L285	+3.6	-1.8	-0.4	+4.7	+35	+58	+74	+75	==	4.1	3.5	04	+49	+3.3	+0.7	+0.7	+0.2	+0.0+		× ×	\$92 \$8	889 \$10	\$104 \$105	05 5 (Good Herd Bulls)	
62	N491	WIRRUNA KILLARA K106	+7.1	+3.9	-1.8	+1.3	+36	+59	+72	+53	+15	+2.2	5.2	37	+ 19+	+4.5	+0.0	+ 9.0-	+1.5	+0.5	-2 C	C+	\$113	\$112	32 \$1.	\$132 \$131 5 (Good Herd Bulls)	
63	N510	WIRRUNA LINDLEY L477	-0.8	+4.2	-0.4	+6.4	+35	+59	98+	69+	+16	+4.1	-6.1	38	+54	+4.4	+1.9	+2.4	-0.1	+1.7	-13 C	÷	\$122 \$12	21 \$11	60 \$1.	\$121 \$160 \$139 5 (Good Herd Bulls)	
		Breed Ave. 17 drop	+1.1	+1.2	-0.3	+4.4	+33	+54	+77	+67	+16	+2.0	-2.7		+50 +	+3.3 +	+0.5 +	+0.5 +	+0.8	+0.4 +	+2	35	\$88 \$8	\$83 \$9	895 \$98	89	
	T	Top 20% of breed '17 drop	+5.7	+4.0	1.5	+2.8	+38	+62	+88	+82	+19	+2.5	3.9		+28 +	+4.3 +	1.0	+1.0 +1.4 +1.3		+0.8 +	6+	\$1	\$106 \$102		\$122 \$118	18 Yellow Highlight: Ranks in the top 20%	top 20%
	п	Top 5% of breed '17 drop	+9.8	+6.4	-3.2	6.0+	+42	+70	+100	+95	+22	+3.2	5.0		+ 29+	+5.5	+1.6	+2.2 +	+1.9	+1.3 +	+15	S	\$125 \$12	\$122 \$151	51 \$139	39 Black Highlight: Ranks in the top 5%	10p 5%
													Y 														
		Wirring Sale Bull Ave	15.6	66- 694	_	733	86.∓	797	98*	163	+18	+30 49	0 7	F	99*	.53	453 413 416	116	707	116	3.8	V	हास हास हास	30 81	25	878	









### **WIRRUNA NEBO N250 (ET)**

Pen No. 11 (Muscle Bulls)

Birth Date: 18-Aug-17 WNAN250

☑ A soft-coated ET calf with well-fleshed carcase

Society ID: Horn/Scurs/Poll:

No.1 bull catalogued for EMA EBV - top 1% CWT, top 5% for fats, IMF% & RBY%

☑ One of the better bulls in the catalogue for the profit EBVs - top 1% \$Indices

☑ Ticks most boxes - tidy sheath, easy calving & good early growth

FELTONS LEGEND 242 (IMP USA)

MSU TCF REVOLUTION 4R

MSU TCF RACHAEL ET 54N

Sire: KCF BENNETT REVOLUTION X51 (OSA43081556AHR)

EFBEEF SCHU-LAR PROFICIENT N093 (IMP USA)

KCF MISS PROFICIENT U201 KCF MISS 774 L82

Easy-calve

ARDO HUSTLER 4110 (IMP)

ELITE 4110 E212

SOUTH BUKALONG WINIFRED 54

Dam: WIRRUNA DOREEN H5 (WNAH5)

WIRRUNA DEBARRY D145

WIRRUNA DOREEN F229

WIRRUNA DOREEN C9

Jan 2019 GROUP BREEDPLAN EBV's

TITLE !	CALVIN	IG EASE			GROV	VTH & MATE	RNAL	
Calving Ease DIR (%)	Calving Ease DTRS (%)	Gestation Length (days)	Birth Weight	200-Day Growth	400-Day Weight	600-Day Weight	Mat Cow Weight	Genetic Milk
+5.2	+4.7	-1.6	+2.6	+38	+64	+86	+45	+21
48%	37%	67%	74%	69%	69%	68%	61%	57%

FERT	ILITY			CAR	CASE			
Scrotal Size		Carc	EMA	Rib Fat	Rump Fat	RBY	IMF	
(cm)	Days to Calving	Weight	(sq cm)	(mm)	(mm)	(%)	(%)	Docility
+2.7	-3.9	+75	+9.5	+2.1	+2.4	+2.0	+1.3	-5
77%	38%	57%	53%	56%	59%	53%	57%	57%

		STRUC	TURAL ASSES	SSMENT	7-Dec-18		Temp.
Front Back 7 6	Front 6	Back 6	5	11/5	5	5-Dec-18	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2

	\$INDEX VALUE			Polled Gene	Maturity	Mus Score	EY	ES
Supermarket	Grass Fed	Grain Fed	EU Index	₩ DD			fa.	Eye Pigment
\$144	\$145	\$178	\$160	<b>PP</b> Homz	Mid	C+	10	100/100

Purchaser	Price

N25

#### Pen No. 11 (Muscle Bulls)

Birth Date: 18-Aug-17 Society ID: WNAN257 Horn/Scurs/Poll: P

- ✓ Muscle bull with good trait balance
- ☑ Carries herd boosting carcase traits, top 1% EMA & top 5% IMF%
- ☑ Below average BWT, strong growth & positive calving ease
- ☑ Good weight/day of age performance with top 1% profit EBVs (\$Index)

FELTONS LEGEND 242 (IMP USA)

MSU TCF REVOLUTION 4R

MSU TCF RACHAEL ET 54N

Sire: KCF BENNETT REVOLUTION X51 (OSA43081556AHR)

EFBEEF SCHU-LAR PROFICIENT N093 (IMP USA)

KCF MISS PROFICIENT U201

KCF MISS 774 L82

Easy-calve

YARRAM LOTTERY X122 (H)

ELITE X122 H2

ELITE LASSIE Y781 F15

Dam: WIRRUNA GOLDEN VANITY K15 (WNAK15)

VALMA MAGNUM II WIRRUNA GOLDEN VANITY H139

WIRRUNA GOLDEN VANITY B145

Jan 2019 GROUP BREEDPLAN EBV's

71111	CALVIN	CALVING EASE			GROWTH & MATERNAL				
Calving Ease DIR (%)	Calving Ease DTRS (%)	Gestation Length (days)	Birth Weight	200-Day Growth	400-Day Weight	600-Day Weight	Mat Cow Weight	Genetic Milk	
+6.9	+4.2	-1.3	+4.0	+41	+75	+97	+69	+20	
45%	34%	76%	73%	68%	68%	67%	61%	53%	

FERT	ILITY			CAR	CARCASE				
Scrotal Size		Carc	EMA	Rib Fat	Rump Fat	RBY	IMF		
(cm)	Days to Calving	Weight	(sq cm)	(mm)	(mm)	(%)	(%)	Docility	
+1.6	-3.9	+75	+8.8	+1.5	+1.7	+1.4	+1.6	+13	
77%	35%	56%	52%	55%	59%	52%	55%	52%	

		STRUC	TURAL ASSES	SSMENT	7-Dec-18		Temp.
Front Back 7 6	Front 5	Back 6	5	11/5	1	5-Dec-18	\$75°

	\$INDEX VALUE			Polled Gene	Maturity	Mus Score	EY	ES
Supermarket	Grass Fed	Grain Fed	EU Index	⊠ DD			h.	Eye Pigment
\$145	\$144	\$181	\$161	Homz	Mid	C+	( ) A	100/100

# **WIRRUNA NILGEN N296 (AI)**

N296

Pen No. 11 (Muscle Bulls)

Birth Date: 21-Aug-17 Society ID: WNAN296 Horn/Scurs/Poll: S

abla	Soft,	dark-red	coated X5	I with de	pth & s	quareness
------	-------	----------	-----------	-----------	---------	-----------

✓ Inherited muscle (top 1% EMA) with cow fertility (top 1% DtC) traits

☑ Rare to have high yield (top 5% RBY%) with positive fat traits

☑ Independently assessed for structural soundness with good report card Scurs

FELTONS LEGEND 242 (IMP USA)

— MSU TCF REVOLUTION 4R

MSU TCF RACHAEL ET 54N

Sire: KCF BENNETT REVOLUTION X51 (OSA43081556AHR)

EFBEEF SCHU-LAR PROFICIENT N093 (IMP USA)

KCF MISS PROFICIENT U201

KCF MISS 774 L82

EF F524 FELLIS 821C

MOUNT DIFFICULT FELLIS Y12 (AI)

MOUNT DIFFICULT TIGRESS U5

Dam: WIRRUNA VICTORIA E156 (WNAE156)

SOUTH BUKALONG UNIVERSAL 6

SOUTH BUKALONG VICTORIA 202

SOUTH BUKALONG VICTORIA 152

Jan 2019 GROUP BREEDPLAN EBV's

11111	CALVING EASE				GROWTH & MATERNAL				
Calving Ease DIR (%)	Calving Ease DTRS (%)	Gestation Length (days)	Birth Weight	200-Day Growth	400-Day Weight	600-Day Weight	Mat Cow Weight	Genetic Milk	
DIK (%)	DIKS (%)	(days)	weight	Glowth	weight	weight	Weight	IVIIIK	
+5.5	+4.0	+0.0	+5.3	+40	+64	+83	+65	+12	
50%	41%	76%	75%	71%	71%	69%	63%	60%	

FERT	ILITY		CARCASE					
Scrotal Size		Carc	EMA	Rib Fat	Rump Fat	RBY	IMF	
(cm)	Days to Calving	Weight	(sq cm)	(mm)	(mm)	(%)	(%)	Docility
+3.1	-6.9	+64	+8.2	+1.0	+1.1	+2.5	+0.2	-5
79%	43%	60%	56%	59%	62%	56%	60%	60%

		STRUC	TURAL ASSE:	SSMENT	7-Dec-18		Temp.
Front Back 6 5	Front 5	Back 6	5	11/5	3	5-Dec-18	\$75°

	\$INDEX VALUE			Polled Gene	Maturity	Mus Score	EY	ES
Supermarket	Grass Fed	Grain Fed	EU Index	₩ D1.			h.	Eye Pigment
\$134	\$133	\$152	\$156	Ph Hetz	Mid	C+	( ) A	85/95

Purchaser	Price

# **WIRRUNA NANNUP N300 (AI)**

Pen No. 11 (Muscle Bulls)

Birth Date: 21-Aug-17

Thick-bodied bull with dark-red coat

Society ID: WNAN300 Horn/Scurs/Poll:

- Puts together carcase quantity (top 5% EMA) & quality (top 5% IMF%) traits
- ✓ Positive fat (top 1%) for easy-doing & fertile replacements
- ✓ Low birthweight (31kg), high calving ease & above average growth

ALLENDALE PUNTER 3

ALLENDALE YACKA

ALLENDALE FLORRIE Z33

Sire: ALLENDALE ANZAC E114 (AEDE114)

ALLENDALE NATIONAL W168

ALLENDALE DAWN B22 (AI) (ET)

ALLENDALE DAWN T60 (AI)

Easy-calve

SOUTH BUKALONG SHAW 3

SOUTH BUKALONG SHANNON 40

SOUTH BUKALONG PETAL 88

Dam: WIRRUNA CORA J285 (WNAJ285)

KOANUI ROCKET 0219

WIRRUNA CORA D9

WIRRUNA CORA B38

Jan 2019 GROUP BREEDPLAN EBV's

71111	CALVING EASE			GROWTH & MATERNAL				
Calving Ease DIR (%)	Calving Ease DTRS (%)	Gestation Length (days)	Birth Weight	200-Day Growth	400-Day Weight	600-Day Weight	Mat Cow Weight	Genetic Milk
+9.8	+6.1	+0.2	+0.1	+33	+58	+74	+49	+20
55%	50%	75%	74%	70%	70%	69%	65%	60%

FERT	ILITY							
Scrotal Size		Carc	EMA	Rib Fat	Rump Fat	RBY	IMF	
(cm)	Days to Calving	Weight	(sq cm)	(mm)	(mm)	(%)	(%)	Docility
+3.3	-3.6	+63	+5.5	+2.3	+3.5	-0.4	+1.8	+13
78%	44%	61%	57%	60%	63%	59%	60%	57%

		STRUC	TURAL ASSES	SSMENT	7-Dec-18		Temp.
Front Back	Front 6	Back 6	5	11/5	3	5-Dec-18	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2

	\$INDEX	VALUE		Polled Gene	Maturity	Mus Score	EY	ES
Supermarket	Grass Fed	Grain Fed	EU Index	⊠ DD			6.	Eye Pigment
\$128	\$129	\$161	\$139	Homz	Mid	C+	10	100/100

Purchaser\_ Price \_\_\_\_\_

# **WIRRUNA NOUGAT N307 (AI)**

Lot 37

Pen No. 11 (Muscle Bulls)

Birth Date: 21-Aug-17 Society ID: WNAN307 Horn/Scurs/Poll:

- High \$Index Kalimna calf for carcase
- Top-end IMF% EBV in catalogue & for all 2017 born Herefords  $\mathbf{\nabla}$
- ☑ Below average BWT, top 20% 400D growth, positive CE & structurally sound
- ☑ Excellent fertility attributes top 5% DtC, SS & positve fat traits for heifers

WIRRUNA EXPLORER E188

**WIRRUNA HARTWIG H297** 

WIRRUNA MIDGE A51

Sire: WIRRUNA KALIMNA K326 (WNAK326)

ARDO HUSTLER 4110 (IMP)

WIRRUNA CORA H303

WIRRUNA CORA D9

Easy-calve

WIRRUNA DAFFY D1

WIRRUNA GAYLORD G152

WIRRUNA URSULA Z46 (S)

Dam: WIRRUNA VICTORIA K449 (WNAK449)

WIRRUNA BERTIE

WIRRUNA VICTORIA D349

SOUTH BUKALONG VICTORIA 217

Jan 2019 GROUP BREEDPLAN EBV's

77777	CALVING EASE			GROWTH & MATERNAL					
Calving Ease DIR (%)	Calving Ease DTRS (%)	Gestation Length (days)	Birth Weight	200-Day Growth	400-Day Weight	600-Day Weight	Mat Cow Weight	Genetic Milk	
. /	. ,					Ü	v		
+4.3	+0.2	-1.2	+3.2	+34	+62	+80	+61	+12	
49%	35%	75%	74%	69%	69%	68%	61%	45%	

FERT	ILITY							
Scrotal Size		Carc	EMA	Rib Fat	Rump Fat	RBY	IMF	
(cm)	Days to Calving	Weight	(sq cm)	(mm)	(mm)	(%)	(%)	Docility
+3.6	-5.7	+62	+6.9	+2.1	+2.7	+0.4	+2.6	-12
77%	37%	57%	51%	55%	60%	53%	55%	53%

		STRUC	TURAL ASSE:	SSMENT	7-Dec-18		Temp.
Front Back 6 6	Front 5	Back 6	5	14/5	3	5-Dec-18	

	\$INDEX	VALUE		Polled Gene	Maturity	Mus Score	EY	ES
Supermarket	Grass Fed	Grain Fed	EU Index	⊠ DD			6.	Eye Pigment
\$135	\$137	\$188	\$156	Homz	Mid	C+	10	100/90

# **WIRRUNA NEERIM N311 (AI)**

Lot 38

Pen No. 11 (Muscle Bulls)

Birth Date: 22-Aug-17 Society ID: WNAN311 Horn/Scurs/Poll:

- ☑ Attractive X51 son with soft fleshing ability
- Amoung the top bulls for EMA & RBY% without stripping out all the genetic fat
- Carries calving ease traits including low BWT & good early growth
- ☑ Offers high marbling genetics to lift carcase quality top 5% of breed Scurs

FELTONS LEGEND 242 (IMP USA)

MSU TCF REVOLUTION 4R

MSU TCF RACHAEL ET 54N

Sire: KCF BENNETT REVOLUTION X51 (OSA43081556AHR)

EFBEEF SCHU-LAR PROFICIENT N093 (IMP USA)

KCF MISS PROFICIENT U201

KCF MISS 774 L82

ARDO HUSTLER 4110 (IMP)

ELITE 4110 E212

SOUTH BUKALONG WINIFRED 54

Dam: WIRRUNA GOLDEN VANITY H53 (WNAH53) WIRRUNA DAVY D121

WIRRUNA GOLDEN VANITY F177

WIRRUNA GOLDEN VANITY D61

an 2019 GROUP BREEDPI AN ERV's

11111	CALVING EASE				GROWTH & MATERNAL					
Calving Ease	Calving Ease	Gestation Length	Birth	200-Day	400-Day	600-Day	Mat Cow	Genetic		
DIR (%)	DTRS (%)	(days)	Weight	Growth	Weight	Weight	Weight	Milk		
+6.9	+4.5	-0.9	+2.1	+37	+59	+77	+43	+14		
46%	36%	75%	73%	69%	69%	67%	61%	56%		

FERT	FERTILITY			CARCASE						
Scrotal Size	D . G1:	Carc	EMA	Rib Fat	Rump Fat	RBY	IMF	D. 35		
(cm)	Days to Calving	Weight	(sq cm)	(mm)	(mm)	(%)	(%)	Docility		
+2.0	-2.5	+68	+9.3	+1.0	+0.9	+2.2	+1.7	-2		
77%	38%	57%	53%	56%	60%	53%	56%	55%		

		STRUC	TURAL ASSES	SSMENT	7-Dec-18		Temp.
Front Back 6 6	Front 5	Back 6	5	146	1	5-Dec-18	\$75°

	\$INDEX	VALUE		Polled Gene	Maturity	Mus Score	EY	ES
Supermarket	Grass Fed	Grain Fed	EU Index	₹ Ph			6.	Eye Pigment
\$130	\$132	\$169	\$148	<b>P H</b> Hetz	Mid	C+	103	75/100

Purchaser Price \_\_\_\_\_

N39!

Pen No. 11 (Muscle Bulls)

Birth Date: 30-Aug-17 Society ID: WNAN395 Horn/Scurs/Poll: P

- ☑ Shows good length & muscle conformation
- ☑ Use to boost carcase weight & muscle top 5% CWT & top 10% EMA
- ☑ Excellent fertility short DtC EBV (top 5%), large testicles & high SS EBV (top 1%)
- ☑ A good-footed bull that has a very quiet disposition

STUDBROOK D'ARTAGNION V086 (AI) (ET)

OTAPAWA SPARK 3060 (IMP)

OTAPAWA SPOT P30

Sire: WIRRUNA KANE K18 (WNAK18)

WIRRUNA DAFFY D1

WIRRUNA GOLDEN VANITY G112

WIRRUNA GOLDEN VANITY D136

WIRRUNA VICKERY (S)

WIRRUNA EXETER E184

MOUNT DIFFICULT SILVER QUEEN B117

Dam: WIRRUNA AMABEL G359 (WNAG359)

ARDO RUSSIA 4133

WIRRUNA AMABEL D37

WIRRUNA AMABEL B287

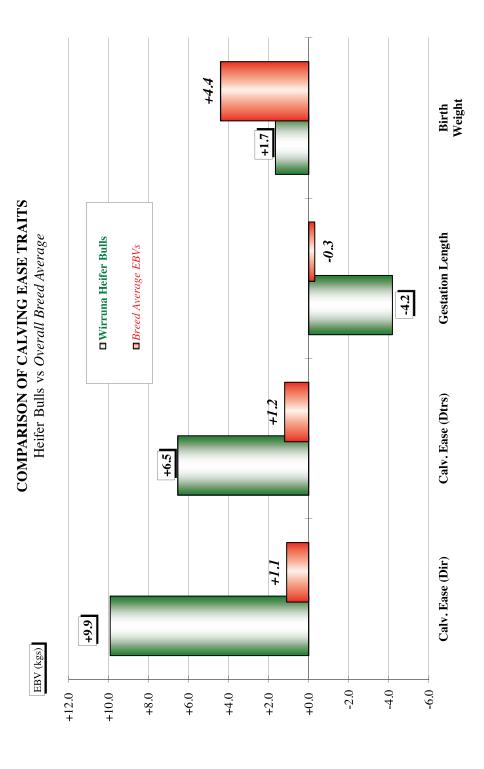
Jan 2019 GROUP BREEDPLAN EBV's

CALVING EASE				GROWTH & MATERNAL					
Calving Ease	Calving Ease	Gestation Length	Birth	200-Day	400-Day	600-Day	Mat Cow	Genetic	
DIR (%)	DTRS (%)	(days)	Weight	Growth	Weight	Weight	Weight	Milk	
+4.6	+1.8	-2.2	+5.6	+39	+65	+95	+87	+19	
42%	36%	56%	72%	66%	66%	65%	59%	50%	

FERTILITY		CARCASE						
Scrotal Size		Carc	EMA	Rib Fat	Rump Fat	RBY	IMF	
(cm)	Days to Calving	Weight	(sq cm)	(mm)	(mm)	(%)	(%)	Docility
+4.2	-5.6	+67	+5.1	+1.2	+1.8	+1.5	+0.6	-9
77%	39%	55%	49%	54%	58%	52%	52%	50%

	STRUCTURAL ASSESSMENT				7-Dec-18		Temp.
Front Back 6 5	Front 5	Back	5	W 5	1	5-Dec-18 42	\$ 1

\$INDEX VALUE			Polled Gene	Maturity	Mus Score	EYES		
Supermarket	Grass Fed	Grain Fed	EU Index	₩ Dla			6.	Eye Pigment
\$134	\$130	\$150	\$151	Ph Hetz	Mid	C+	103	25/100



### **CHESTER REDFORD N014**

N014CHS

Pen No. 3 (Specialist Heifer Bulls)

Birth Date: 4-Aug-17 Society ID: CHSN014 Horn/Scurs/Poll: P

$\checkmark$	A soggy,	easy fleshing	Chester	bull
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✓ Dam & this calf purchased as a pair at the Chester dispersal

☑ Solid pedigree of calving ease genetics - extra low BWT & positive CE

✓ Positive carcase traits - top 20% IMF, top 10% EMA

KOANUI ROCKET 0219

REDGATE REDFORD D935

REDGATE ROYAL B81

Sire: INJEMIRA REDFORD J084 (IHSJ084)

ALLENDALE NATIONAL W168

— INJEMIRA HAPPY DAY G019

INJEMIRA HAPPY DAY D053

SOUTH BUKALONG WALKER 6

SOUTH BUKALONG WALLACE 2

SOUTH BUKALONG VICTORIA 152

Dam: CHESTER MAGPIE J033 (CHSJ33)

MOUNT DIFFICULT FELLIS Y12 (AI)

CHESTER MAGPIE C2

QUAMBY PLAINS MAGPIE S23

Jan 2019 GROUP BREEDPLAN EBV's

71111	CALVI	NG EASE		GROWTH & MATERNAL				
Calving Ease DIR (%)	Calving Ease DTRS (%)	Gestation Length (days)	Birth Weight	200-Day Growth	400-Day Weight	600-Day Weight	Mat Cow Weight	Genetic Milk
+9.7	+7.1	-5.2	+1.2	+31	+51	+65	+49	+14
45%	37%	74%	72%	64%	64%	64%	58%	48%

FERT	ILITY			CAR				
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBY (%)	IMF (%)	Docility
+2.9	-3.6	+55	+4.9	+0.9	+1.3	+1.4	+0.8	-5
65%	35%	53%	43%	46%	48%	44%	45%	32%

		STRUCTURAL ASSESSMENT			7-Dec-18		Temp.
Front Back 7 6	Front 6	Back	5	14/5	1	5-Dec-18	\$75° 2

	\$INDEX VALUE			Polled Gene	Maturity	Mus Score	EY	ES
Supermarket	Grass Fed	Grain Fed	EU Index	× DD			6.	Eye Pigment
\$113	\$114	\$133	\$129	Homz	Mid	C+	104	100/100

Purchaser	Price

# **WIRRUNA NETWORK N020 (AI)**

N<sub>0</sub>2

Pen No. 3 (Specialist Heifer Bulls)

Birth Date: 6-Aug-17 Society ID: WNAN020 Horn/Scurs/Poll: P

abla	Good-bodied	bull with	curve-bending	growth
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✓ Short-gestation length for early-born calves that are up and growing earlier

☑ Amoung the best bulls in the breed for fertility traits - top 1% SS & DtC

☑ High marbling & calving ease contributes to top 1% \$Index ranking 'Star Lot'

SOUTH BUKALONG SHANNON 40

— NITHDALE JACKAL 090029

NITHDALA AMETHYST 040070

Sire: ORARI GORGE MISCHIEF 120083 (OSA0400120083NZHB)

NITHDALE HEATH 070113

NITHDALE LESLIE 090020

NITHDALE LESLIE 070064

Easy-calve

MOUNT DIFFICULT CADBURY

- WIRRUNA JACK J12

WIRRUNA LAST DAY G63

Dam: WIRRUNA VICTORIA L163 (WNAL163)

WIRRUNA FLETCHER F214

WIRRUNA VICTORIA H234

WIRRUNA VICTORIA F5

Jan 2019 GROUP BREEDPLAN EBV's

11111	CALVIN	NG EASE		GROWTH & MATERNAL				
Calving Ease DIR (%)	Calving Ease DTRS (%)	Gestation Length (days)	Birth Weight	200-Day Growth	400-Day Weight	600-Day Weight	Mat Cow Weight	Genetic Milk
+11.1	+7.8	-6.4	+1.6	+35	+64	+87	+63	+19
46%	34%	74%	73%	68%	68%	67%	61%	51%

FERT	ILITY		CARCASE					
Scrotal Size		Carc	EMA	Rib Fat	Rump Fat	RBY	IMF	
(cm)	Days to Calving	Weight	(sq cm)	(mm)	(mm)	(%)	(%)	Docility
+5.0	-7.1	+68	+3.6	+1.3	+1.7	+0.2	+1.3	+9
77%	35%	57%	51%	55%	59%	53%	55%	45%

	SSMENT	7-Dec-18		Temp.			
Front Back 5 5	Front 5	Back 7	5	W 5	1	5-Dec-18	

\$INDEX VALUE			Polled Gene	Maturity	Mus Score	EY	ES	
Supermarket	Grass Fed	Grain Fed	EU Index	× DD			6.	Eve Pigment
\$146	\$145	\$179	\$164	Homz	Mid	C+	103	90/100

Birth Date: Society ID: WNAN023 Horn/Scurs/Poll:

- Mischief son's combine CE & growth
- One of the lightest born at 30kg with above breed average growth
- ☐ Higher genetic fat has a positive effect on heifer fertility & beef quality
- ☐ Good arithmatic top 5% ranking for most \$Indices & fertility traits

Not registered

SOUTH BUKALONG SHANNON 40

NITHDALE JACKAL 090029

NITHDALA AMETHYST 040070

Sire: ORARI GORGE MISCHIEF 120083 (OSA0400120083NZHB)

NITHDALE HEATH 070113

NITHDALE LESLIE 090020

NITHDALE LESLIE 070064

Easy-calve

SOUTH BUKALONG WALLACE 2

WIRRUNA JAFFA J55

WIRRUNA VICTORIA G92

Dam: WIRRUNA PENELOPE L316 (WNAL316)

WIRRUNA FREDERICK F408

**WIRRUNA PENELOPE J543** 

WIRRUNA PENELOPE E361

an 2019 GROUP BREEDPI AN ERV's

Committee of the contract of	San Loro ai		31 27 (11 2 2 2 1					
	CALVIN	IG EASE		GROWTH & MATERNAL				
Calving Ease	Calving Ease	Gestation Length	Birth	200-Day	400-Day	600-Day	Mat Cow	Genetic
DIR (%)	DTRS (%)	(days)	Weight	Growth	Weight	Weight	Weight	Milk
+12.0	+7.5	-5.8	+0.4	+31	+61	+79	+63	+15
46%	34%	74%	73%	68%	68%	67%	60%	50%

FERT	ILITY							
Scrotal Size		Carc	EMA	Rib Fat	Rump Fat	RBY	IMF	
(cm)	Days to Calving	Weight	(sq cm)	(mm)	(mm)	(%)	(%)	Docility
+3.7	-6.1	+62	+2.8	+1.9	+2.8	+0.3	+0.6	-7
77%	36%	57%	51%	55%	59%	53%	55%	44%

		STRUC	TURAL ASSES	SSMENT	7-Dec-18		Temp.
Front Back 6 6	Front 5	Back	5	11/5	1	5-Dec-18	

	\$INDEX	VALUE		Polled Gene	Maturity	Mus Score	EY	ES
Supermarket	Grass Fed	Grain Fed	EU Index	× DD			6.	Eye Pigment
\$132	\$132	\$148	\$146	Homz	Mid	C+	104	100/100

Birth Date: Society ID: WNAN033 Horn/Scurs/Poll:

- Well put together bull with bombproof calving ease
- Ranked in breeds top 5% for calving ease & top 5% for light birthweight  $\mathbf{\nabla}$
- ☐ Carries good early growth (top 20%) & strong milk (top 10%) genetics
- ☐ High marbling helps to achieve Grainfed \$Index ranking in top 5% 'Star Lot'

NOOKEN VALERIAN 2

**QUAMBY PLAINS STOCKMASTER Y118** QUAMBY PLAINS MAGPIE W9

Sire: WIRRUNA FLETCHER F214 (WNAF214)

MOUNT DIFFICULT UNGAR (S)

WIRRUNA LAST DAY B16 (H)

WIRRUNA LAST DAY Z152

SOUTH BUKALONG WALLACE 2

WIRRUNA JAVA J80

WIRRUNA VICTORIA G7

Dam: WIRRUNA MADAM L460 (WNAL460)

WIRRUNA FILBERT F190

WIRRUNA MADAM H326

WIRRUNA MADAM F222

an 2019 GROUP BREEDPI AN ERV's

COMPLETENCES	San Zoro ar	IOOI DITELI	DI LANGEDV	0					
	CALVIN	IG EASE		GROWTH & MATERNAL					
Calving Ease	Calving Ease	Gestation Length	Birth	200-Day	400-Day	600-Day	Mat Cow	Genetic	
DIR (%)	DTRS (%)	(days)	Weight	Growth	Weight	Weight	Weight	Milk	
+12.0	+8.8	-6.0	+0.7	+38	+56	+74	+42	+21	
49%	41%	75%	73%	69%	69%	68%	62%	56%	

FERT	FERTILITY			CARCASE						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBY (%)	IMF (%)	Docility		
+1.1	-3.7	+65	+3.6	+0.2	-0.6	+1.3	+1.5	-13		
77%	43%	60%	56%	59%	62%	56%	58%	54%		

		STRUC	TURAL ASSES	SSMENT	7-Dec-18		Temp.
Front Back 6 6	Front 6	Back 6	5	11/5	3	5-Dec-18	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2

	\$INDEX	VALUE		Polled Gene	Maturity	Mus Score	EY	ES
Supermarket	Grass Fed	Grain Fed	EU Index	× DD			6.	Eye Pigment
\$122	\$122	\$156	\$139	Homz	Mid	C+	10	100/100

Birth Date: 8-Aug-17 Society ID: WNAN036

☐ Dark red & fine coated Mischief son for early born calves

Horn/Scurs/Poll: F

Offers curve-bending growth - 400D & 600D in top 20% of breed

☐ Calve heifers with confidence - low BWT & high CE bull (top 5% CE & GL)

☑ Excellent fertility attributes - top 5% DtC, SS & positve fat traits for heifers

SOUTH BUKALONG SHANNON 40

NITHDALE JACKAL 090029

NITHDALA AMETHYST 040070

Sire: ORARI GORGE MISCHIEF 120083 (OSA0400120083NZHB)

NITHDALE HEATH 070113

NITHDALE LESLIE 090020

NITHDALE LESLIE 070064

Easy-calve

MOUNT DIFFICULT CADBURY

WIRRUNA JACKAROO J35

WIRRUNA MADAM G153

Dam: WIRRUNA MADAM L359 (WNAL359)

WIRRUNA DAFFY D1

WIRRUNA MADAM J148

WIRRUNA MADAM F192

Jan 2019 GROUP BREEDPLAN EBV's

CALVING EASE Calving Ease   Calving Ease   Gestation Length   Birth				GROWTH & MATERNAL					
			200-Day	400-Day	600-Day	Mat Cow	Genetic		
KS (%)	(days) we	eignt	Growth	weight	weight	weight	Milk		
7.0	-5.2 +2	2.4	+34	+68	+92	+80	+16		
5%	74% 73	3%	68%	68%	67%	60%	51%		
	ing Ease   Gesta RS (%)	Gestation Length   E   RS (%)   Gestation Length   W   W   T.0   + 5.2   +	Gestation Length   Birth   Weight	ng Ease   Gestation Length   Birth   200-Day   Growth    7.0	ng Ease   Gestation Length   Birth   200-Day   400-Day   RS (%)   Weight   Growth   Weight   7.0   -5.2   +2.4   +34   +68	ng Ease   Gestation Length   Birth   200-Day   400-Day   600-Day   Weight   Growth   Weight   7.0   -5.2   +2.4   +34   +68   +92			

FERT	FERTILITY			CARCASE					
Scrotal Size	D	Carc	EMA	Rib Fat	Rump Fat	RBY	IMF		
(cm)	Days to Calving	Weight	(sq cm)	(mm)	(mm)	(%)	(%)	Docility	
+3.6	-5.7	+66	+2.0	+1.0	+1.2	+0.1	+1.1	-12	
77%	35%	56%	51%	55%	59%	53%	55%	45%	

		STRUC	TURAL ASSES	SSMENT	7-Dec-18		Temp.
Front Bar	s 5	Back 7	F 6	14/5	1	5-Dec-18	

	\$INDEX	VALUE		Polled Gene	Maturity	Mus Score	EY	ES
Supermarket	Grass Fed	Grain Fed	EU Index	× DD			6.	Eye Pigment
\$135	\$132	\$160	\$150	Homz	Mid	С	10	100/100

Birth Date: 11-Aug-17 Society ID: WNAN086 Horn/Scurs/Poll:

- Kalimna son with large testicles Highest SS EBV
- Ideal for heifers without compromising other herd improving traits abla
- ✓ Positive carcase attributes like top 5% IMF% help to deliver top 5% \$Index values
- ✓ Near perfect structural scores for feet & legs has upstanding presence

WIRRUNA EXPLORER E188

**WIRRUNA HARTWIG H297** 

WIRRUNA MIDGE A51

Sire: WIRRUNA KALIMNA K326 (WNAK326)

ARDO HUSTLER 4110 (IMP)

WIRRUNA CORA H303

WIRRUNA CORA D9

ELITE 4110 E212

WIRRUNA HERNANDO H47

WIRRUNA VICTORIA F203

Dam: WIRRUNA HYACINTH L289 (WNAL289)

WIRRUNA DARKIE D66

WIRRUNA HYACINTH F281

WIRRUNA HYACINTH D370

an 2019 GROUP BREEDPI AN ERV's

Committee of the second	San Loro ai		51 L/ ((1 L L L L )							
	CALVING EASE				GROWTH & MATERNAL					
Calving Ease	Calving Ease	Gestation Length	Birth	200-Day	400-Day	600-Day	Mat Cow	Genetic		
DIR (%)	DTRS (%)	(days)	Weight	Growth	Weight	Weight	Weight	Milk		
+8.2	+4.5	-4.7	+2.0	+34	+60	+77	+60	+21		
50%	35%	75%	74%	69%	69%	69%	60%	46%		

FERT	ILITY		CARCASE					
Scrotal Size		Carc	EMA	Rib Fat	Rump Fat	RBY	IMF	
(cm)	Days to Calving	Weight	(sq cm)	(mm)	(mm)	(%)	(%)	Docility
+5.3	-5.3	+57	+4.1	+1.1	+1.4	+0.8	+1.4	+5
77%	40%	58%	51%	55%	60%	53%	57%	53%

		STRUC	TURAL ASSE	SSMENT	7-Dec-18		Temp.
Front Bac	Front 5	Back 6	5	146	1	5-Dec-18	\$75°

	\$INDEX	VALUE		Polled Gene	Maturity	Mus Score	EY	ES
Supermarket	Grass Fed	Grain Fed	EU Index	× DD			6.	Eve Pigment
\$129	\$129	\$161	\$147	Homz	Mid	C+	10	100/20

Birth Date: 11-Aug-17 Society ID: WNAN087 Horn/Scurs/Poll:

- I like this bulls shape for calving smooth shoulders
- Few bulls line up such strong EBVs for calving ease traits all top 5%
- ✓ Also benefits from good marbling (top 15%) & muscle (top 5%) traits
- ✓ A genetic dehorner also exhibits a very docile nature

MOUNT DIFFICULT FELLIS Y12 (AI)

ARDO ACHILLES 120

ARDO LYDIA 3127

Sire: ARDO BISMARCK (OSA0277144256NZHB)

ARDO RUSSIA 4133

ARDO AMETHYST 03 3215

ARDO AMETHYST 03 3215

Easy-calve

SOUTH BUKALONG WALLACE 2

WIRRUNA FORT F382

**MOUNT DIFFICULT LORNA B123** 

Dam: WIRRUNA LORNA J413 (WNAJ413)

MOUNT DIFFICULT ACCURATE (AI)

MOUNT DIFFICULT LORNA C11

**MOUNT DIFFICULT LORNA A65** 

Jan 2019 GROUP BREEDPLAN EBV's

71111	CALVING EASE				GROWTH & MATERNAL					
Calving Ease DIR (%)	Calving Ease DTRS (%)	Gestation Length (days)	Birth Weight	200-Day Growth	400-Day Weight	600-Day Weight	Mat Cow Weight	Genetic Milk		
+11.8	+7.0	-4.2	+0.9	+25	+49	+67	+48	+11		
49%	39%	75%	74%	69%	69%	68%	61%	52%		

FERT	FERTILITY			CARCASE						
Scrotal Size	D	Carc	EMA	Rib Fat	Rump Fat	RBY	IMF	D		
(cm)	Days to Calving	Weight	(sq cm)	(mm)	(mm)	(%)	(%)	Docility		
+1.7	-4.6	+58	+5.8	+0.9	+1.1	+1.7	+1.0	+5		
78%	42%	57%	52%	55%	60%	53%	57%	51%		

		STRUC	TURAL ASSES	SSMENT	7-Dec-18		Temp.
Front Back 7 6	Front 6	Back 6	1	TW 5	1	5-Dec-18	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2

	\$INDEX	VALUE		Polled Gene	Maturity	Mus Score	EY	ES
Supermarket	Grass Fed	Grain Fed	EU Index	× DD			6	Eve Pigment
\$120	\$122	\$148	\$139	Homz	Mid	C+	4	100/95

# **WIRRUNA NEVAN N102 (AI)**

N102

Pen No. 3 (Specialist Heifer Bulls)

Birth Date: 11-Aug-17 Society ID: WNAN102 Horn/Scurs/Poll: P

✓ Mr Reliable - Fort for safe heifer calvings

☐ Top 15% for low birthweight & calving ease EBVs, top 10% for short GL

☑ Top 5% ranking for \$Indices reflect good balance of economic traits

☑ Rates well for good structure and is Homozygous Polled

SOUTH BUKALONG WALKER 6

SOUTH BUKALONG WALLACE 2

SOUTH BUKALONG VICTORIA 152

Sire: WIRRUNA FORT F382 (WNAF382)

MOUNT DIFFICULT FELLIS Y12 (AI)

MOUNT DIFFICULT LORNA B123

MOUNT DIFFICULT LORNA X73

Easy-calve

INJEMIRA ADVANCE V093 (H)

INJEMIRA ADVANCE Y203 (H)

INJEMIRA FIRST DAY S198 (H)

Dam: WIRRUNA NADIA K187 (WNAK187)

MOUNT DIFFICULT FELLIS Y12 (AI)

MOUNT DIFFICULT NADIA C85

MOUNT DIFFICULT NADIA V15 (AI)

Jan 2019 GROUP BREEDPLAN EBV's

1111	CALVING EASE  Calving Form   Calving Form   Captains   Digital			GROWTH & MATERNAL					
Calving Ease DIR (%)	Calving Ease DTRS (%)	Gestation Length (days)	Birth Weight	200-Day Growth	400-Day Weight	600-Day Weight	Mat Cow Weight	Genetic Milk	
/	DIRG(n)	(days)	Weight	Glowth	Weight	Weight	Weight	HIIK	
+7.7	+4.4	-3.1	+2.1	+35	+55	+76	+51	+18	
54%	47%	77%	74%	70%	70%	69%	65%	60%	

FERT	FERTILITY				CARCASE					
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBY (%)	IMF (%)	Docility		
+1.8	-4.4	+62	+5.1	+0.7	+0.9	+1.4	+1.2	+12		
78%	46%	60%	56%	58%	62%	57%	60%	56%		

	STRUCTURAL ASSESSMENT				7-Dec-18		Temp.
Front Back 6 6	Front 5	Back 6	5	11/5	1	5-Dec-18	\$75°

	\$INDEX	VALUE		Polled Gene	Maturity	Mus Score	EY	ES
Supermarket	Grass Fed	Grain Fed	EU Index	× DD			6.	Eye Pigment
\$123	\$123	\$152	\$140	Homz	Mid	С	103	95/100

# **WIRRUNA NAYLOR N118 (AI)**

N118

Pen No. 4 (Specialist Heifer Bulls)

Birth Date: 11-Aug-17 Society ID: WNAN118 Horn/Scurs/Poll: P

$\checkmark$	Shows	good	neck	extension	for	ease	of	calving
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▼ This fellow offers top 20% calving ease credentials & low birthweight

✓ Note valuable carcase traits including top 5% IMF% for high MSA compliance

☑ A genetic dehorner also featuring genetics to improve docility in the herd

SOUTH BUKALONG WALKER 6

SOUTH BUKALONG WALLACE 2 SOUTH BUKALONG VICTORIA 152

Sire: WIRRUNA FORT F382 (WNAF382)

MOUNT DIFFICULT FELLIS Y12 (AI)

— MOUNT DIFFICULT LORNA B123

MOUNT DIFFICULT LORNA X73

Easy-calve

CAPETHORNE HOT SHOT 03 22

MATARIKI HOLY-SMOKE

MATARIKI GIRLIE 00323

Dam: WIRRUNA GOLDEN VANITY L311 (WNAL311)

WIRRUNA DAFFY D1
WIRRUNA GOLDEN VANITY G201

WIRRUNA GOLDEN VANITY B26

Jan 2019 GROUP BREEDPLAN EBV's

COMPLETENCES	Juli 2010 GI	IOOI DITELL	31 L/ ((1 L L D V )	0					
	CALVIN	IG EASE		GROWTH & MATERNAL					
Calving Ease	Calving Ease	Gestation Length	Birth	200-Day	400-Day	600-Day	Mat Cow	Genetic	
DIR (%)	DTRS (%)	(days)	Weight	Growth	Weight	Weight	Weight	Milk	
+8.1	+4.2	-2.8	+1.0	+30	+49	+61	+28	+13	
54%	48%	76%	74%	69%	69%	69%	63%	59%	

FERT	FERTILITY CARCASE							
Scrotal Size		Carc	c EMA Rib Fat Rump Fat RBY IMF					
(cm)	Days to Calving	Weight	(sq cm)	(mm)	(mm)	(%)	(%)	Docility
+2.5	-6.1	+56	+5.5	+1.9	+2.4	+1.1	+1.8	+15
78%	46%	60%	55%	58%	62%	57%	59%	55%

		STRUC	TURAL ASSES	SSMENT	7-Dec-18		Temp.
Front Back 6 6	Front 5	Back 6	K 4	TW 5	1	5-Dec-18	STAN I

	\$INDEX VALUE  Supermarket Grass Fed Grain Fed EU Index			Polled Gene	Maturity	Mus Score	EY	ES
Supermarket	Grass Fed	Grain Fed	EU Index	× DD			h.	Eye Pigment
\$127	\$131	\$171	\$148	Homz	Mid	С	4	100/100

Purchaser	Price

# **WIRRUNA NORTON N137 (AI)**

Lot 49

Pen No. 4 (Specialist Heifer Bulls)

Birth Date: 12-Aug-17 Society ID: WNAN137 Horn/Scurs/Poll:

- Heifer bull with long-neck & nice body shape
- Positive calving ease genetics coupled with good early growth (top 5% 200D) abla
- ✓ Features key traits of top 5% for Short GL, DtC & high milk EBVs
- ✓ Exceptional marbling (top 1% IMF% EBV) & profit potential (top 5% \$Index)

NOOKEN VALERIAN 2 **QUAMBY PLAINS STOCKMASTER Y118** QUAMBY PLAINS MAGPIE W9

Sire: WIRRUNA FLETCHER F214 (WNAF214)

MOUNT DIFFICULT UNGAR (S)

WIRRUNA LAST DAY B16 (H)

WIRRUNA LAST DAY Z152

Easy-calve

STUDBROOK D'ARTAGNION V086 (AI) (ET)

OTAPAWA SPARK 3060 (IMP) OTAPAWA SPOT P30

Dam: WIRRUNA MADAM L519 (WNAL519)

SOUTH BUKALONG WALLACE 2

**WIRRUNA MADAM F18** 

WIRRUNA MADAM D232

an 2019 GROUP BREEDPLAN EBV's

CALVING EASE				GROWTH & MATERNAL						
Calving Ease	Calving Ease	Gestation Length	Birth	200-Day	400-Day	600-Day	Mat Cow	Genetic		
DIR (%)	DTRS (%)	(days)	Weight	Growth	Weight	Weight	Weight	Milk		
+7.4	+7.4	-5.0	+3.4	+43	+64	+88	+71	+23		
53%	46%	75%	73%	69%	69%	68%	63%	59%		

FERT	ILITY		CARCASE						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBY (%)	IMF (%)	Docility	
(CIII)	Days to Carving	Weight	(sq cm)	(IIIII)	(IIIII)	(70)	(10)	Docuity	
+2.0	-5.9	+64	+3.5	+1.0	+0.7	+0.2	+1.9	-8	
78%	46%	61%	58%	60%	63%	57%	60%	56%	

		STRUC	TURAL ASSES	SSMENT	7-Dec-18		Temp.
Front Back	Front 6	Back 7	5	14/5	1	5-Dec-18	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2

	\$INDEX VALUE			Polled Gene	Maturity	Mus Score	EY	ES
Supermarket	Grass Fed	Grain Fed	EU Index	₹ Ph			6.	Eye Pigment
\$136	\$134	\$173	\$153	<b>P H</b> Hetz	Mid	C+	103	25/100

# **WIRRUNA NOLAN N146 (AI)**

Pen No. 4 (Specialist Heifer Bulls)

Birth Date: 12-Aug-17 Society ID: WNAN146 Horn/Scurs/Poll: P

abla	My pick	Kalimna	bull in	the	sale -	High	\$Index
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☑ Confident use over heifers - top 5% CE(Dir), short GL & lightest BWT genetics

☐ Great carcase - top 5% Muscling & top 1% Marbling traits for MSA premiums

☑ Large testicles- fertility traits of top 5% SS EBV & top 1% DtC EBV 

'Star Lot'

WIRRUNA EXPLORER E188

— WIRRUNA HARTWIG H297

WIRRUNA MIDGE A51

Sire: WIRRUNA KALIMNA K326 (WNAK326)

ARDO HUSTLER 4110 (IMP)

— WIRRUNA CORA H303

WIRRUNA CORA D9

Easy-calve

ELITE 4110 E212

WIRRUNA HERNANDO H47

WIRRUNA VICTORIA F203

Dam: WIRRUNA MIDGE K499 (WNAK499)

WIRRUNA DAFFY D1

WIRRUNA MIDGE H296

WIRRUNA MIDGE C76

Jan 2019 GROUP BREEDPLAN EBV's

CALVING EASE				GROWTH & MATERNAL					
Calving Ease DIR (%)	Calving Ease DTRS (%)	Gestation Length (days)	Birth Weight	200-Day Growth	400-Day Weight	600-Day Weight	Mat Cow Weight	Genetic Milk	
DIK (%)	DIKS (%)	(days)	weight	Giowui	weight	weight	weight	WIIIK	
+10.4	+4.9	-5.8	+0.3	+33	+60	+76	+53	+16	
50%	36%	76%	74%	69%	69%	69%	62%	47%	

FERT	ILITY		CARCASE						
Scrotal Size		Carc	EMA Rib Fat Rump Fat RBY IMF						
(cm)	Days to Calving	Weight	(sq cm)	(mm)	(mm)	(%)	(%)	Docility	
+3.5	-6.2	+67	+5.6	+1.9	+2.6	+0.3	+2.6	+2	
78%	40%	58%	52%	56%	61%	54%	57%	55%	

		STRUC	TURAL ASSES	SSMENT	7-Dec-18		Temp.
Front Back 6 6	Front 5	Back 7	5	11/5	1	5-Dec-18	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2

\$INDEX VALUE			Polled Gene	Maturity	Mus Score	EY	ES	
Supermarket	Grass Fed	Grain Fed	EU Index	× DD			6.	Eye Pigment
\$143	\$146	\$195	\$163	Homz	Mid	C+	103	100/100

# **WIRRUNA NELSON N183 (AI)**

Lot 51

### Pen No. 4 (Specialist Heifer Bulls)

Birth Date: 14-Aug-17 Society ID: WNAN183 Horn/Scurs/Poll:

- Ideal heifer bull with well-laid in shoulders
- Pedigree stacked with easy calving genetics top 5% CE for replacement daughters
- ✓ Offers top 10% marbling (IMF% EBV) & top 5% female fertility (DtC EBV) genetics
- ✓ Soft skinned bull that is gene tested to genetically dehorn all progeny

SOUTH BUKALONG WALKER 6

SOUTH BUKALONG WALLACE 2

SOUTH BUKALONG VICTORIA 152

Sire: WIRRUNA FORT F382 (WNAF382)

MOUNT DIFFICULT FELLIS Y12 (AI)

MOUNT DIFFICULT LORNA B123

**MOUNT DIFFICULT LORNA X73** 

Easy-calve

QUAMBY PLAINS STOCKMASTER Y118

WIRRUNA FLETCHER F214

WIRRUNA LAST DAY B16 (H)

Dam: WIRRUNA DOREEN K10 (WNAK10)

WIRRUNA ELDAD E107

**WIRRUNA DOREEN G393** 

WIRRUNA DOREEN E42

Jan 2019 GROUP BREEDPLAN EBV's

11111	CALVING EASE			GROWTH & MATERNAL					
Calving Ease	Calving Ease	Gestation Length	Birth	200-Day	400-Day	600-Day	Mat Cow	Genetic	
DIR (%)	DTRS (%)	(days)	Weight	Growth	Weight	Weight	Weight	Milk	
+6.0	+6.5	-3.9	+3.2	+38	+56	+77	+51	+16	
54%	46%	77%	74%	70%	70%	70%	65%	59%	

FERT	ILITY		CARCASE					
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBY (%)	IMF (%)	Docility
+1.1	-5.4	+57	+3.3	+1.0	+1.0	+0.4	+1.2	+8
79%	46%	60%	56%	59%	63%	57%	60%	57%

		STRUC	TURAL ASSES	SSMENT	7-Dec-18		Temp.
Front Bac	k Front 6	Back 6	5	146	1	5-Dec-18	\$75°

\$INDEX VALUE			Polled Gene	Maturity	Mus Score	EY	ES	
Supermarket	Grass Fed	Grain Fed	EU Index	× DD			6.	Eye Pigment
\$121	\$120	\$150	\$137	Homz	Mid	C	103	95/90

# **WIRRUNA NAMBROK N219 (AI)**

N219

Pen No. 4 (Specialist Heifer Bulls)

Birth Date: 16-Aug-17 Society ID: WNAN219 Horn/Scurs/Poll: P

☑ Build calving ease genet	ics into yo	ur herd
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☐ Light birthweight & top 5% calving ease for confident use over 14 month heifers

☑ Scanning revealed strong carcase quality attributes - top 5% fat & IMF% EBVs

☑ A earlier maturity bull for targetting grassfed vealer markets - top 5% \$Indices

MOUNT DIFFICULT FELLIS Y12 (AI)

ARDO ACHILLES 120

ARDO LYDIA 3127

Sire: ARDO BISMARCK (OSA0277144256NZHB)

ARDO RUSSIA 4133

— ARDO AMETHYST 03 3215

ARDO AMETHYST 03 3215

Easy-calve

SOUTH BUKALONG WALLACE 2

WIRRUNA JAFFA J55

WIRRUNA VICTORIA G92

Dam: WIRRUNA CORA L450 (WNAL450)

MATARIKI HOLY-SMOKE

WIRRUNA CORA J85

CO-OP5 CORA G296

Jan 2019 GROUP BREEDPLAN EBV's

1111	CALVING EASE			GROWTH & MATERNAL					
Calving Ease	Calving Ease	Gestation Length	Birth	200-Day	400-Day	600-Day	Mat Cow	Genetic	
DIR (%)	DTRS (%)	(days)	Weight	Growth	Weight	Weight	Weight	Milk	
+12.2	+7.5	-2.3	+0.9	+29	+51	+69	+35	+12	
47%	38%	74%	73%	68%	68%	67%	59%	46%	

FERT	ILITY		CARCASE					
Scrotal Size		Carc	EMA	Rib Fat	Rump Fat	RBY	IMF	
(cm)	Days to Calving	Weight	(sq cm)	(mm)	(mm)	(%)	(%)	Docility
+2.2	-5.3	+57	+4.5	+2.1	+2.8	+0.6	+1.7	+12
77%	40%	56%	51%	55%	59%	52%	55%	49%

		STRUC	TURAL ASSES	SSMENT	7-Dec-18		Temp.
Front Back 6 6	Front 5	Back 6	5	11/5	1	5-Dec-18	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$

\$INDEX VALUE			Polled Gene	Maturity	Mus Score	EY	ES	
Supermarket	Grass Fed	Grain Fed	EU Index	× DD			6.	Eye Pigment
\$131	\$135	\$172	\$149	Homz	Early	C+	10	90/100

# **WIRRUNA NARROMINE N226 (AI)**

N226

Pen No. 4 (Specialist Heifer Bulls)

Birth Date: 17-Aug-17 Society ID: WNAN226 Horn/Scurs/Poll: S

$\checkmark$	Long &	tapered	body for	calving	ease
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☑ Bends the growth curve - above average in both light BWT & growth

Positive fat for easy finishing ability & for improved fertility rates in 14mth old heifers

☐ Carries good milk (top 5%) & strong fertility traits (top 1%)

Scurs

SOUTH BUKALONG SHANNON 40

NITHDALE JACKAL 090029

NITHDALA AMETHYST 040070

Sire: ORARI GORGE MISCHIEF 120083 (OSA0400120083NZHB)

NITHDALE HEATH 070113

NITHDALE LESLIE 090020

NITHDALE LESLIE 070064

Easy-calve

INJEMIRA ADVANCE V093 (H)

INJEMIRA ADVANCE Y203 (H)

INJEMIRA FIRST DAY S198 (H)

Dam: WIRRUNA LAST DAY L269 (WNAL269)

SOUTH BUKALONG WALLACE 2

WIRRUNA LAST DAY F14

WIRRUNA LAST DAY D34

Jan 2019 GROUP BREEDPLAN EBV's

COMPLETENCES	Juli 2010 GI	SAIT 2013 GITCOT BITEEDI EAIN EBV 3								
CALVING EASE					GROWTH & MATERNAL					
Calving Ease	Calving Ease	Gestation Length	Birth	200-Day	400-Day	600-Day	Mat Cow	Genetic		
DIR (%)	DTRS (%)	(days)	Weight	Growth	Weight	Weight	Weight	Milk		
+9.0	+5.8	-0.8	+3.3	+35	+63	+89	+62	+23		
48%	37%	75%	73%	68%	68%	67%	61%	52%		

FERT	ILITY		CARCASE					
Scrotal Size		Carc	EMA	Rib Fat	Rump Fat	RBY	IMF	
(cm)	Days to Calving	Weight	(sq cm)	(mm)	(mm)	(%)	(%)	Docility
+4.5	-6.4	+60	+3.8	+1.4	+1.9	+0.3	+1.0	+6
77%	37%	58%	52%	55%	60%	54%	56%	45%

		STRUC	TURAL ASSES	SSMENT	7-Dec-18		Temp.
Front Back 6 5	Front 5	Back 7	5	TW 6	1	5-Dec-18	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2

	\$INDEX	VALUE		Polled Gene	Maturity	Mus Score	EY	ES
Supermarket	Grass Fed	Grain Fed	EU Index	₩ pj.			le.	Eye Pigment
\$140	\$138	\$168	\$156	Ph Hetz	Mid	С	( ) A	100/100

Purchaser	Price

# Lot 54

Pen No. 4 (Specialist Heifer Bulls)

Birth Date: 2-Sep-17 Society ID: WNAN448 Horn/Scurs/Poll:

- Nice body shape & neck extension
- Calving ease EBVs in the top 5% of the breed for a sleep-easy calving
- ☑ Bends the growth curve above average growth from top 20% BWT genetics
- ☑ Offers good marbling genes target domestic grassfed markets 'Star Lot'

SOUTH BUKALONG WALLACE 2

WIRRUNA JAVA J80

WIRRUNA VICTORIA G7

Sire: WIRRUNA LUXMAN L386 (WNAL386)

WIRRUNA FLETCHER F214

WIRRUNA FLORA H156

WIRRUNA Flora F339

Easy-calve

MOUNT DIFFICULT CADBURY

WIRRUNA JACK J12

WIRRUNA LAST DAY G63

Dam: WIRRUNA PENELOPE L578 (WNAL578)

KIDMAN THE DON Y220

**WIRRUNA PENELOPE H72** 

WIRRUNA PENELOPE E348

Jan 2019 GROUP BREEDPLAN EBV's

11111	CALVING EASE			GROWTH & MATERNAL					
Calving Ease	Calving Ease	Gestation Length	Birth	200-Day	400-Day	600-Day	Mat Cow	Genetic	
DIR (%)	DTRS (%)	(days)	Weight	Growth	Weight	Weight	Weight	Milk	
+10.5	+6.9	-2.6	+2.1	+36	+61	+78	+59	+16	
40%	29%	53%	70%	64%	64%	63%	55%	43%	

FERT	ILITY		CARCASE					
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBY (%)	IMF (%)	Docility
+2.6	-3.8	+62	+3.8	+0.7	+0.6	+0.6	+1.3	+1
75%	34%	51%	46%	51%	56%	49%	50%	46%

		STRUC	TURAL ASSE:	SSMENT	7-Dec-18		Temp.
Front Back 6 5	Front 5	Back 6	5	14/5	5	5-Dec-18	\$75°

	\$INDEX VALUE			Polled Gene	Maturity	Mus Score	EY	ES
Supermarket	Grass Fed	Grain Fed	EU Index	× DD			6.	Eye Pigment
\$120	\$119	\$148	\$135	Homz	Early	C+	0	100/100

# **WIRRUNA NORPA N459**

N459

Pen No. 4 (Specialist Heifer Bulls)

Birth Date: 4-Sep-17 Society ID: WNAN459 Horn/Scurs/Poll: P

☑ Easy-doing & well-shaped for calving ease

☑ Breed quality replacements with high milk, Maternal CE & meat quality traits

☑ Scanned well for marbling - top 1% IMF% EBV

☑ Balance of economic traits results in Grainfed \$Index ranking in top 1%

SOUTH BUKALONG WALLACE 2

— WIRRUNA JAVA J80

WIRRUNA VICTORIA G7

Sire: WIRRUNA LUXMAN L386 (WNAL386)

WIRRUNA FLETCHER F214

— WIRRUNA FLORA H156

WIRRUNA Flora F339

Easy-calve

MATARIKI HOLY-SMOKE

WIRRUNA JACQUES J69

WIRRUNA PENELOPE E230

Dam: WIRRUNA MADAM L617 (WNAL617)

OTAPAWA SPARK 3060 (IMP)

WIRRUNA MADAM J144

WIRRUNA MADAM F213

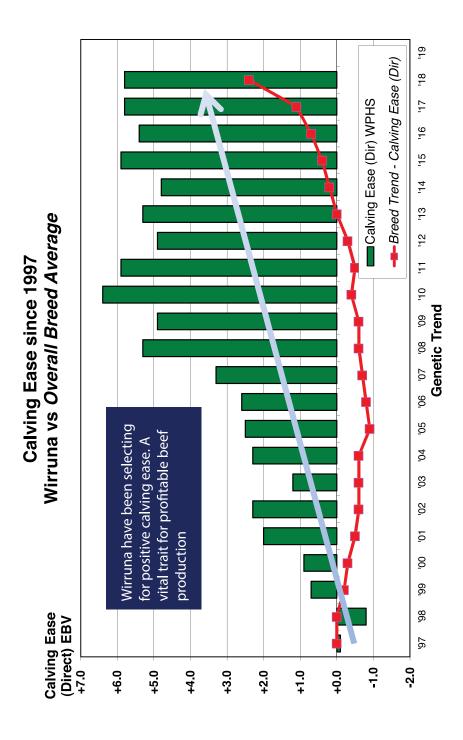
Jan 2019 GROUP BREEDPLAN EBV's

TITLY	CALVING EASE				GROWTH & MATERNAL					
Calving Ease DIR (%)	Calving Ease DTRS (%)	Gestation Length (days)	Birth Weight	200-Day Growth	400-Day Weight	600-Day Weight	Mat Cow Weight	Genetic Milk		
+11.1	+7.3	-3.2	+1.1	+37	+66	+81	+49	+21		
40%	31%	52%	70%	64%	64%	62%	55%	44%		

FERT	ILITY		CARCASE					
Scrotal Size		Carc	EMA	Rib Fat	Rump Fat	RBY	IMF	
(cm)	Days to Calving	Weight	(sq cm)	(mm)	(mm)	(%)	(%)	Docility
+3.0	-4.7	+65	+3.3	+1.6	+1.8	-0.6	+2.4	-5
75%	36%	51%	46%	51%	55%	49%	50%	46%

		STRUC	TURAL ASSES	SSMENT	7-Dec-18		Temp.
Front Back 7 6	Front 6	Back 6	6	TW 5	1	5-Dec-18	\$75° 2

	\$INDEX	VALUE		Polled Gene	Maturity	Mus Score	EY	ES
Supermarket	Grass Fed	Grain Fed	EU Index	⊠ DD			la.	Eye Pigment
\$135	\$136	\$183	\$150	PP Homz	Mid	C+	( ) A	100/100



# **WIRRUNA NORBERT N177 (AI)**

N177



### Pen No. 5 (Good Herd Bulls)

Birth Date: 14-Aug-17 Society ID: WNAN177 Horn/Scurs/Poll: P

- ✓ Upstanding Fletcher son with dark-red coat
- A negative maternal CE in his Dam prevented inclusion in Specialist Heifer Bulls
- ☑ Note valuable marbling trait (top 1% IMF%) for high MSA compliance
- ☑ Also offers strong milk (top 20%) & Homozygous Polled genetics

NOOKEN VALERIAN 2
— QUAMBY PLAINS STOCKMASTER Y118

QUAMBY PLAINS MAGPIE W9

Sire: WIRRUNA FLETCHER F214 (WNAF214)

MOUNT DIFFICULT UNGAR (S)

— WIRRUNA LAST DAY B16 (H)

WIRRUNA LAST DAY Z152

DOONBIDDIE HUSTLER

ARDO HUSTLER 4110 (IMP)

ARDO AMETHYST 730

Dam: WIRRUNA LAST DAY J7 (WNAJ7)

WIRRUNA VICKERY (S)

WIRRUNA LAST DAY D26

WIRRUNA LAST DAY B107

Jan 2019 GROUP BREEDPLAN EBV's

<b>TITLE</b>	CALVING EASE			GROWTH & MATERNAL					
Calving Ease	Calving Ease	Gestation Length	Birth	200-Day	400-Day	600-Day	Mat Cow	Genetic	
DIR (%)	DTRS (%)	(days)	Weight	Growth	Weight	Weight	Weight	Milk	
+7.7	+5.4	-4.9	+0.7	+34	+51	+73	+54	+20	
53%	46%	76%	74%	70%	70%	69%	65%	60%	

FERT	ILITY		CARCASE					
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBY (%)	IMF (%)	Docility
` ′	, .				` '	1 1		
+1.5	-4.2	+63	+4.6	+1.5	+1.4	+0.1	+2.4	+4
78%	47%	62%	58%	60%	63%	57%	60%	57%

		STRUC	TURAL ASSES	SSMENT	7-Dec-18		Temp.
Front Back 7 7	Front 6	Back 6	5	11/5	1	5-Dec-18	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2

	\$INDEX	VALUE		Polled Gene	Maturity	Mus Score	EY	ES
Supermarket	Grass Fed	Grain Fed	EU Index	× DD			6.	Eye Pigment
\$124	\$125	\$167	\$140	Homz	Mid	C+	10	100/100

# **WIRRUNA NORWIN N192 (AI)**

N192

### Pen No. 5 (Good Herd Bulls)

Birth Date: 15-Aug-17 Society ID: WNAN192 Horn/Scurs/Poll: S

- ☑ An Anzac bull with tight pizzle
- Should be OK for heifers but consider the Sires's higher BWT EBV
- ☑ Good marbling (top 5% IMF% EBV) & profit potential (top 20% \$Index)
- $oxed{arphi}$  Features key traits for lifting herd fertility top 1% for SS & top 5% for DtC EBVs  $_{Scurs}$

ALLENDALE PUNTER 3

ALLENDALE YACKA

ALLENDALE FLORRIE Z33

Sire: ALLENDALE ANZAC E114 (AEDE114)

ALLENDALE NATIONAL W168

— ALLENDALE DAWN B22 (AI) (ET)

ALLENDALE DAWN T60 (AI)

Easy-calve

INJEMIRA ADVANCE V093 (H)

INJEMIRA ADVANCE Y203 (H)

INJEMIRA FIRST DAY S198 (H)

Dam: WIRRUNA URSULA K78 (H) (WNAK78)

*WIRRUNA DAFFY D1* WIRRUNA URSULA G56

WIRRUNA URSULA Z46 (S)

an 2019 GROUP BREEDPI AN ERV's

Committee of the second	San Loro ai		51 L/ ((1 L L L L )						
	CALVIN	IG EASE		GROWTH & MATERNAL					
Calving Ease	Calving Ease	Gestation Length	Birth	200-Day	400-Day	600-Day	Mat Cow	Genetic	
DIR (%)	DTRS (%)	(days)	Weight	Growth	Weight	Weight	Weight	Milk	
+6.7	+0.8	-1.8	+2.0	+28	+49	+66	+64	+17	
54%	48%	76%	74%	69%	69%	69%	65%	59%	

FERT	ILITY		CARCASE					
Scrotal Size		Carc	EMA	Rib Fat	Rump Fat	RBY	IMF	
(cm)	Days to Calving	Weight	(sq cm)	(mm)	(mm)	(%)	(%)	Docility
+4.7	-5.1	+50	+4.8	+1.4	+2.0	+0.1	+1.5	+9
78%	43%	61%	57%	59%	63%	58%	59%	56%

		STRUCTURAL ASSESSMENT			7-Dec-18		Temp.
Front Back 7 5	Front 5	Back 6	5	11/5	5	5-Dec-18	\$75° 2

	\$INDEX	VALUE		Polled Gene	Maturity	Mus Score	EY	ES
Supermarket	Grass Fed	Grain Fed	EU Index	≥ Ph			6.	Eye Pigment
\$110	\$111	\$140	\$127	Hetz	Early	С	104	100/75

# **WIRRUNA NORWOOD N193 (AI)**

N193

Pen No. 5 (Good Herd Bulls)

Birth Date: 15-Aug-17 Society ID: WNAN193 Horn/Scurs/Poll: P

- ☑ Fletcher son with that 'Sirey Outlook'!
- ☐ High scan for IMF% reflected in top 5% ranking for IMF% EBV
- ☑ A well rounded EBV profile with \$Index values within the top 10% of the breed
- ☑ A genetic dehorner Homozygous Polled

NOOKEN VALERIAN 2

QUAMBY PLAINS STOCKMASTER Y118

QUAMBY PLAINS MAGPIE W9

Sire: WIRRUNA FLETCHER F214 (WNAF214)

MOUNT DIFFICULT UNGAR (S)

--- WIRRUNA LAST DAY B16 (H)

WIRRUNA LAST DAY Z152

Easy-calve

VALMA MERCHANT

YAVENVALE GURU

YAVENVALE TREASURE D403

Dam: WIRRUNA MIRANDA K161 (WNAK161)

WIRRUNA DAVE D101

WIRRUNA MIRANDA G425

MOUNT DIFFICULT MIRANDA C175

Jan 2019 GROUP BREEDPLAN EBV's

1111	CALVING EASE								
Calving Ease DIR (%)	Calving Ease DTRS (%)	Gestation Length (days)	Birth Weight	200-Day Growth	400-Day Weight	600-Day Weight	Mat Cow Weight	Genetic Milk	
+4.4	+3.3	-2.9	+3.4	+37	+60	+79	+54	+16	
51%	43%	76%	74%	69%	69%	68%	65%	58%	

FERT	ILITY		CARCASE					
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBY (%)	IMF (%)	Docility
(CIII)	Days to Carving	Weight	(sq cm)	(IIIII)	(IIIII)	(70)	(70)	Docinty
+2.5	-4.3	+54	+3.8	+0.0	-0.8	+0.8	+1.8	+1
78%	45%	61%	57%	60%	63%	57%	60%	55%

		STRUCTURAL ASSESSMENT			7-Dec-18		Temp.
Front Back	Front 5	Back 6	T- 4	11/5	1	5-Dec-18	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2

	\$INDEX	VALUE		Polled Gene	Maturity	Mus Score	EY	ES
Supermarket	Grass Fed	Grain Fed	EU Index	× DD			6.	Eye Pigment
\$116	\$115	\$157	\$136	Homz	Mid	C+	104	100/100

 Purchaser\_\_\_\_\_\_
 Price \_\_\_\_\_\_

# **WIRRUNA NEYLAND N253 (AI)**

N25

Pen No. 5 (Good Herd Bulls)

Birth Date: 18-Aug-17 Society ID: WNAN253 Horn/Scurs/Poll: P

$\checkmark$	Sleek-coated,	smooth	shouldered	&	growthy	bull
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Offers good early growth (top 10%) & milk (top 20%) for daughters

☐ Having positive genetic fat is good risk management for those tough years

PP genetics with \$Indices rated in the top 10% of all 2017 born Herefords

SOUTH BUKALONG SHANNON 40

NITHDALE JACKAL 090029

NITHDALA AMETHYST 040070

Sire: ORARI GORGE MISCHIEF 120083 (OSA0400120083NZHB)

NITHDALE HEATH 070113

— NITHDALE LESLIE 090020

NITHDALE LESLIE 070064

QUAMBY PLAINS STOCKMASTER Y118

WIRRUNA FLETCHER F214

WIRRUNA LAST DAY B16 (H)

Dam: WIRRUNA GOLDEN VANITY J351 (WNAJ351)

*WIRRUNA ALFA*WIRRUNA GOLDEN VANITY C259

WIRRUNA GOLDEN VANITY Z86

Jan 2019 GROUP BREEDPLAN EBV's

THE	CALVIN	CALVING EASE			GROWTH & MATERNAL					
Calving Ease DIR (%)	Calving Ease DTRS (%)	Gestation Length (days)	Birth Weight	200-Day Growth	400-Day Weight	600-Day Weight	Mat Cow Weight	Genetic Milk		
+2.8	+2.9	-3.4	+5.0	+41	+66	+90	+67	+19		
48%	37%	75%	74%	69%	69%	68%	63%	54%		

FERT	ILITY							
Scrotal Size		Carc	EMA	Rib Fat	Rump Fat	RBY	IMF	
(cm)	Days to Calving	Weight	(sq cm)	(mm)	(mm)	(%)	(%)	Docility
+2.9	-5.8	+61	+3.2	+1.3	+1.6	-0.1	+0.9	+0
78%	36%	58%	53%	56%	60%	54%	57%	47%

		STRUC	TURAL ASSES	SSMENT	7-Dec-18		Temp.
Front Back 5 6	Front 5	Back 6	5	11/5	1	5-Dec-18	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2

	\$INDEX VALUE			Polled Gene	Maturity	Mus Score	EY	ES
Supermarket	Grass Fed	Grain Fed	EU Index	× DD			6.	Eye Pigment
\$123	\$120	\$146	\$136	Homz	Mid	C+	103	90/100

N286

### Pen No. 5 (Good Herd Bulls)

Birth Date: 20-Aug-17 Society ID: WNAN286 Horn/Scurs/Poll: P

☑ A Fort son with good head & body conformation

▼ Trademark fertility traits - top 10% SS & top 1% DtC EBVs

☐ Carcase quality (top 5% IMF%) helps to deliver top 5% Grainfed \$Index value

☑ Offers Homozygous polled genetics to remove horns

SOUTH BUKALONG WALKER 6

SOUTH BUKALONG WALLACE 2

SOUTH BUKALONG VICTORIA 152

Sire: WIRRUNA FORT F382 (WNAF382)

MOUNT DIFFICULT FELLIS Y12 (AI)

MOUNT DIFFICULT LORNA B123

MOUNT DIFFICULT LORNA X73

WIRRUNA DAFFY D1

WIRRUNA GASON G130

WIRRUNA CIRCE D80

Dam: WIRRUNA LAST DAY J319 (WNAJ319)

KIDMAN THE DON Y220

WIRRUNA LAST DAY G245

WIRRUNA LAST DAY C34

Jan 2019 GROUP BREEDPLAN EBV's

41111	CALVING EASE			GROWTH & MATERNAL					
Calving Ease	Calving Ease	S S			400-Day	600-Day	Mat Cow	Genetic	
DIR (%)	DTRS (%)	(days)	Weight	Growth	Weight	Weight	Weight	Milk	
+2.0	+0.0	-0.3	+4.5	+36	+53	+73	+43	+12	
52%	45%	75%	74%	69%	69%	69%	64%	59%	

FERT	FERTILITY			CARCASE					
Scrotal Size	Dave to Calaina	Carc	EMA	Rib Fat	Rump Fat	RBY	IMF	Docility	
(cm)	Days to Calving	Weight	(sq cm)	(mm)	(mm)	(%)	(%)	Docility	
+3.1	-5.9	+52	+3.9	+1.1	+1.8	+0.5	+1.5	+9	
78%	44%	59%	54%	58%	62%	56%	58%	55%	

		STRUCTURAL ASSESSMENT			7-Dec-18		Temp.
Front Back 6 5	Front 5	Back 6	1	11/5	1	5-Dec-18	

	\$INDEX VALUE			Polled Gene	Maturity	Mus Score	EY	ES
Supermarket	Grass Fed	Grain Fed	EU Index	× DD			6.	Eye Pigment
\$115	\$116	\$153	\$134	Homz	Mid	C	10	100/100

N410

### Pen No. 5 (Good Herd Bulls)

Birth Date: 31-Aug-17 Society ID: WNAN410 Horn/Scurs/Poll: P

✓ Ledger son with good head carriage

☑ Good feet and leg scores by independent structural assessment

☑ Large testicles linked to early puberty in heifers - top 1% SS EBV

☑ Homozygous polled to genetically dehorn progeny

ALLENDALE YACKA

ALLENDALE ANZAC E114

ALLENDALE DAWN B22 (AI) (ET)

Sire: WIRRUNA LEDGER L285 (WNAL285)

GH ADAMS TARGET 5S (IMP)

— WIRRUNA DOREEN G115

WIRRUNA DOREEN A37

WIRRUNA DAFFY D1

WIRRUNA HERD IMPROVER H483

WIRRUNA AMABEL D18

Dam: WIRRUNA AMABEL K441 (WNAK441)

QUAMBY PLAINS STOCKMASTER Y118

WIRRUNA AMABEL C311

WIRRUNA AMABEL W69

Jan 2019 GROUP BREEDPLAN EBV's

11111	CALVING EASE				GROWTH & MATERNAL					
Calving Ease	Calving Ease	Gestation Length	Birth	200-Day	400-Day	600-Day	Mat Cow	Genetic		
DIR (%)	DTRS (%)	(days)	Weight	Growth	Weight	Weight	Weight	Milk		
+3.6	-1.8	-0.4	+4.7	+35	+58	+74	+75	+11		
42%	33%	60%	73%	66%	65%	64%	58%	46%		

FERT	FERTILITY			CARCASE					
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBY (%)	IMF (%)	Docility	
+4.1	-3.5	+49	+3.3	+0.7	+0.7	+0.2	+0.6	+7	
75%	34%	52%	48%	52%	57%	50%	51%	46%	

		STRUC	TURAL ASSES	SSMENT	7-Dec-18		Temp.
Front Back	Front 6	Back 5	5	11/5	1	5-Dec-18 40	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2

	\$INDEX	VALUE		Polled Gene	Maturity	Mus Score	EY	ES
Supermarket	Grass Fed	Grain Fed	EU Index	× DD			6.	Eye Pigment
\$92	\$89	\$104	\$105	Homz	Mid	С	104	100/100

### Pen No. 5 (Good Herd Bulls)

Birth Date: 6-Sep-17 Society ID: WNAN491 Horn/Scurs/Poll:

- Nice deep-bodied bull showing length & dark red coat
- Good early growth (top 30% 200D & 400D) from an easy-calving base
- ✓ Strong female fertility indicated by top 5% rank for Days to Calving EBV
- Gene tested PP to geneticall dehorn progeny & rates well for foot & leg structure

QUAMBY PLAINS STOCKMASTER Y118

WIRRUNA FLETCHER F214

WIRRUNA LAST DAY B16 (H)

Sire: WIRRUNA KILLARA K106 (WNAK106)

WIRRUNA DAFFY D1

WIRRUNA MIDGE G482

WIRRUNA MIDGE C76

Easy-calve

SCHU-LAR 5N OF 9L 3008 (IMP)

SCHU-LAR ON TARGET 22S (IMP)

SCHU-LAR 208 OF 1H 121 ET

Dam: WIRRUNA ZITA J201 (WNAJ201)

MOUNT DIFFICULT FELLIS Y12 (AI)

WIRRUNA ZITA E2

**MOUNT DIFFICULT Z65** 

Jan 2019 GROUP BREEDPLAN EBV's

1111	CALVIN	NG EASE			GROV	VTH & MATE	RNAL	
Calving Ease DIR (%)	Calving Ease DTRS (%)	Gestation Length (days)	Birth Weight	200-Day Growth	400-Day Weight	600-Day Weight	Mat Cow Weight	Genetic Milk
/	` '				Ü	Ü	Ü	
+7.1	+3.9	-1.8	+1.3	+36	+59	+72	+53	+15
41%	33%	60%	72%	67%	66%	65%	59%	50%

FERT	ILITY			CAR	CASE			
Scrotal Size	D . G1:	Carc	EMA	Rib Fat	Rump Fat	RBY	IMF	D 35
(cm)	Days to Calving	Weight	(sq cm)	(mm)	(mm)	(%)	(%)	Docility
+2.2	-5.2	+61	+4.5	+0.0	-0.6	+1.5	+0.5	-2
76%	39%	55%	50%	54%	58%	51%	53%	50%

		STRUC	TURAL ASSES	SSMENT	7-Dec-18		Temp.
Front Back 6 5	Front 5	6	5	W 5	1	5-Dec-18	2 - C

	\$INDEX	VALUE		Polled Gene	Maturity	Mus Score	EY	ES
Supermarket	Grass Fed	Grain Fed	EU Index	⊠ DD			6.	Eye Pigment
\$113	\$112	\$132	\$131	Homz	Mid	C+	104	80/90

# Lot 63

Pen No. 5 (Good Herd Bulls)

Birth Date: Society ID: WNAN510 Horn/Scurs/Poll:

- Smooth coated bull with docile nature
- Excellent fertility top 1% SS plus top 1% DtC EBVs for fertile daughters  $\mathbf{\nabla}$
- ☐ Higher genetic fat has a positive effect on heifer fertility & beef quality
- ✓ Processors are wanting marbling for better MSA complience top 5% IMF%

STUDBROOK D'ARTAGNION V086 (AI) (ET)

OTAPAWA SPARK 3060 (IMP)

OTAPAWA SPOT P30

Sire: WIRRUNA LINDLEY L477 (WNAL477)

SOUTH BUKALONG WALLACE 2

WIRRUNA MABEL F127

MOUNT DIFFICULT MABEL Z85

WIRRUNA DAFFY D1

WIRRUNA GEELONG G171

WIRRUNA LAST DAY E163

Dam: WIRRUNA CLARA K431 (WNAK431)

PINE HILL CROSSFIRE C558

PINE HILL CLARA E693

PINE HILL CLARA B585

an 2019 GROUP BREEDPLAN EBV's

<b>41111</b>	CALVIN	NG EASE			GROV	VTH & MATE	RNAL	
Calving Ease DIR (%)	Calving Ease DTRS (%)	Gestation Length (days)	Birth Weight	200-Day Growth	400-Day Weight	600-Day Weight	Mat Cow Weight	Genetic Milk
-0.8	+4.2	-0.4	+6.4	+35	+59	+86	+69	+16
43%	37%	54%	72%	65%	64%	63%	58%	50%

FERT	ILITY			CAR	CASE			
Scrotal Size		Carc	EMA	Rib Fat	Rump Fat	RBY	IMF	
(cm)	Days to Calving	Weight	(sq cm)	(mm)	(mm)	(%)	(%)	Docility
+4.1	-6.1	+54	+4.4	+1.9	+2.4	-0.1	+1.7	-13
75%	38%	53%	48%	51%	55%	49%	50%	47%

		STRUC	TURAL ASSES	SSMENT	7-Dec-18		Temp.
Front Back 6 6	Front 6	Back 6	5	TW 6	1	5-Dec-18	2 A A A A A A A A A A A A A A A A A A A

	\$INDEX	VALUE		Polled Gene	Maturity	Mus Score	EY	ES
Supermarket	Grass Fed	Grain Fed	EU Index	⊠ DD			6.	Eye Pigment
\$122	\$121	\$160	\$139	Homz	Mid	C+	104	100/100

(1)	A-				Aut	nmn S	ale 20	9 - Wi	Autumn Sale 2019 - Wirruna Poll Herefords	Poll He	reford	s											Sui	mmary	of Pe	Summary of Performance Information
		Jan 2019 GROUP BREEDPLAN EBV's		CALVING EASE	G EASE			GROWTE	GROWTH & MATERNAL	ERNAL		FE	FERTILITY			Š	RCASE	CARCASE DATA EBV's	.V.s		MUSCLE	SILE	\$IND	SINDEX VALUE	Œ	
Lot No	Lot No Animal Tag	Sire	CE Dir	CE Des G	CE Des Gest Length	Birth Weight	200 Day Growth	400 Day Weight	600-Day Weight	Mature Weight	Genetic S Milk	Scrotal Size EBV	Days to Sci Calv. (	Scrotum Carc (cm) (A	Cane Wgt EA (Ags) (sq	EMA RIS Far (sq cm) (mm)		PS Fut RBY (mm) (%)	(%) (%)	F Docilly	By SCORE	Supermark RE et		Grass Fod Grain Fod	ed EU Index	nOTES/PEN/PURPOSE
	FEN	FEMALE INDIVIDUAL LOTS																								
64	G092	WIRRUNA DAFFY DI	+11.0	+4.6	-3.5	+1.7	+33	99+	+86	+95	+2	7.7	-5.6	+	+76 +4	+4.9	+1.0 +1	+1.3	.7 +0.8	8 +14	4	\$133	33 \$132	12 \$151	1 \$153	6 (PTIC Breeders)
99	1207	WIRRUNA GLENHOPE G117	-0.3	+7.0	-1.8	+5.1	+32	+53	+73	+68	+12	+2.8	-1.7	+	+43 +3	+3.1 +0	+0.8 +1	+1.0 +0	+0.6	8 +11	-	\$89	98\$ 6	5 \$104	4 \$100	6 (PTIC Breeders)
99	K187	INJEMIRA ADVANCE Y203 (H)	+6.8	+1.5	-1.6	+3.3	+35	+61	+84	08+	+22	+1.9	-3.5	7	+65 +6	+6.2	+0.5 +0	+0.3	7 +0.9	9 <sup>+</sup>	10	\$117	\$114	4 \$135	5 \$132	6 (PTIC Breeders)
29	K204	YAVENVALE GURU	+7.2	+3.4	-0.5	+1.3	+26	+47	+56	+36	+15	+1.7	-4.0	+	+48	+5.0 +1	+1.4 +1	+1.9	+1.1 +0.5	5 -3		\$100	00 \$102	\$117	5114	6 (PTIC Breeders)
89	K530	WIRRUNA HIGH LEVEL H236	8. 1.8	-0.3	-2.3	4.4	+30	+45	+61	+52	9	+3.8	-5.6	+	+39 +2	+2.7 +0	+0.5 +0	+0.4 +1.0	.0 +0.2	2 -1	1	\$89	9 \$88	8 \$103	3 \$107	6 (PTIC Breeders)
69	1.577	WIRRUNA JACK J12	+7.3	+5.5	-2.8	+3.0	+40	+72	+101	+92	1,	+2.6	-2.4	+	+76	+3.5 +1	+1.2 +1	+1.5 +0.5	5.0+	9 +16	و	\$130	30 \$126	\$145	\$140	6 (PTIC Breeders)
70	M013	MOUNT DIFFICULT HANSEN	+7.1	+6.4	-2.6	+3.2	+39	+64	68+	+87	+12	+1.3	-0.5	+	4-70	4.5 ±	+0.4 +0	+0.5	+1.9	0 +13	3	\$110	\$105	\$106	\$118	6 (PTIC Breeders)
7	M212	MOUNT DIFFICULT HANSEN	9.7+	47.9	-2.5	+0.6	+31	***************************************	+62	+51	+15	+1.0	-2.1	+	+50 +2	+2.0 +1	+1.5 +2	+2.4	-0.6 + <b>0.8</b>	8 +10	4	\$94	4 \$94	4 \$105	5 \$100	6 (PTIC Breeders)
72	M274	MOUNT DIFFICULT HANSEN	4.3	+3.7	-2.2	+2.2	+30	+47	+64	\$	+18	+1.5	-4.2	+	4	+4.3 +2	+2.6 +3	+3.9	+0.2 +1.0	0 +14	4	\$105	\$105	8119	9 \$115	6 (PTIC Breeders)
73	M406	WIRRUNA KEECH K93	6.9+	+3.6	-2.6	+2.3	+28	+52	99+	+49	+16	+1.9	-4.8	Ŧ	+53 +3	+3.8	+0.4	+0.3	7 -0.4	4 +11	3	\$102	32 \$100	\$105	5 \$116	6 (PTIC Breeders)
74	M536	WIRRUNA KARN K30	+0.2	0.4	-1.2	+4.0	+38	09+	+78	69+	+12	+1.3	-4.0	+	+54 +1	+1.8	+1.1	+1.5	-0.7	7 -2		\$95	5 \$91	1 \$107	7 \$103	6 (PTIC Breeders)
		Breed Ave. '17 drop	+1.1	+1.2	-0.3	+4.4	+33	+54	+77	467	+16	+2.0	-2.7	+	+50 +3	+3.3 +0	+0.5 +6	+0.5 +0.8	+0.4	4 +2		888	8 \$83	3 895	868	
	Top	Top 20% of breed '17 drop	+5.7	+4.0	-1.5	+2.8	+38	+62	88+	+82	+19	+2.5	-3.9	Ŧ	+28 +4	+4.3 +1	+1.0 +1	+1.4 +1.3	3 +0.8	8 +9		\$106	\$102	2 \$122	\$118	Yellow Highlight: Ranks in the top 20%
	Top	Top 5% of breed '17 drop	+9.8	+6.4	3.2	+0.9	+42	+70	+100	+95	+22	+3.2	2.0	+	÷ 29+	+5.5 +1	+1.6 +2	+2.2 +1.9	9 +1.3	3 +15	co.	\$125	25 \$122	2 \$151	\$139	Black Highlight: Ranks in the top 5%





Lot 64 🔷	WIRRUNA VICTORIA G92 (AI)		G092
Pen No. 6 (PTIC Breeders)		Birth Date: Society ID:	

- ☑ Ex-Donor cow produced 13 progeny at Wirruna
- ☑ Exceptional doing-ability, great shape & body capacity
- ☑ A really balanced EBV profile gives strong \$Indices (top 5%)
- ☑ Homozygous polled & joining to Molong should add milk to progeny 'Star Lot'

EF F524 FELLIS 821C

MOUNT DIFFICULT FELLIS Y12 (AI)

MOUNT DIFFICULT TIGRESS U5

MOUNT DI

Sire: WIRRUNA DAFFY D1 (WNAD1)

MOUNT DIFFICULT EXARCH (AI)

MOUNT DIFFICULT LAST DAY A205

MOUNT DIFFICULT LAST DAY W41

ALLENDALE KING KONG 2

— ALLENDALE NATIONAL W168

ALLENDALE CORA R22

Dam: WIRRUNA VICTORIA E106 (WNAE106)

SOUTH BUKALONG UNIVERSAL 6

Horn/Scurs/Poll:

Ρ

SOUTH BUKALONG VICTORIA 202

SOUTH BUKALONG VICTORIA 152

Jan 2019 GROUP BREEDPLAN EBV's

THE PARTY OF THE P	CALVING EASE			GROWTH & MATERNAL					
Calving Ease	Calving Ease	Gestation Length	Birth	200-Day	400-Day	600-Day	Mat Cow	Genetic	
DIR (%)	DTRS (%)	(days)	Weight	Growth	Weight	Weight	Weight	Milk	
+11.0	+4.6	-3.5	+1.7	+33	+66	+86	+95	+2	
66%	57%	82%	85%	81%	81%	81%	79%	73%	

FERT	TLITY		CARCASE					
Scrotal Size		Carc	EMA	Rib Fat	Rump Fat	RBY	IMF	Trial
(cm)	Days to Calving	Weight	(sq cm)	(mm)	(mm)	(%)	(%)	Docility
+4.7	-5.6	+76	+4.9	+1.0	+1.3	+1.7	+0.8	+14
80%	57%	73%	67%	71%	75%	68%	72%	73%

	\$INDEX	VALUE	
Supermarket	Grass Fed	Grain Fed	EU Index
\$133	\$132	\$151	\$153
φ133	φ <b>13</b> 2	ф151	φ133

EY	ES
1	Eye Pigment
164	100/100

JOHNING SINE. WIITUHA MOIONG MOTO	JOINING SIRE: Wirruna Molong MO
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Est. Calving Date: 03-Sep-19

Eye Pigment

100/100

Lot 65 **WIRRUNA GOLDEN VANITY J207** Pen No. 6 (PTIC Breeders) Birth Date: 21-Aug-13 Society ID: WNAJ207 Horn/Scurs/Poll: Attractive cow with some extra frame Scores well structural traits & udder shape ☑ High scan for IMF% & Monopoly mating should produce high-end marbling  $\overline{\mathbf{V}}$ I like the length & neck extension of this Wirruna Matron VALMA JAMBOREE Y41 VALMA MAGNUM II VALMA ADVANCER'S BANKSIA S86 Sire: WIRRUNA GLENHOPE G117 (WNAG117) WIRRUNA ALFA WIRRUNA CORA C394 WIRRUNA CORA Z110 KOANUI ROCKET 0219 WIRRUNA DAVY D121 WIRRUNA LAST DAY W95 Dam: WIRRUNA GOLDEN VANITY F217 (WNAF217) ALLENDALE NATIONAL W168 WIRRUNA GOLDEN VANITY D135 WIRRUNA GOLDEN VANITY X112 Jan 2019 GROUP BREEDPLAN EBV's CALVING EASE GROWTH & MATERNAL Calving Ease Gestation Length Birth 200-Day 600-Day Mat Cow Genetic DTRS (%) Weight (days) Weight Growth Weight Weight -0.3+7.0-1.8 +5.1+32+53 +73+68 +1246% 38% 53% 76% 71% 71% 74% 72% 64% FERTILITY CARCASE Carc EMA Scrotal Size Trial Days to Calvin (cm) Weight (sq cm) (mm) (mm) (%) (%) Docility +2.8-1.7+43 +3.1+0.8+1.0+0.6+0.8+1162% 45% 60% 49% 58% 63% 55% 56% 52% \$INDEX VALUE EYES

JOINING SIRE:	Wirruna Monopoly M417
Est. Calving Date:	08-Sep-19
Purchaser	Price

Supermarket

\$89

Grass Fed

\$86

Grain Fed

\$104

EU Index

\$100

Lot	66 🔷 WIRRUNA NADIA K187 (AI)		K187
Pen	No. 6 (PTIC Breeders)	Birth Date: Society ID:	17-Aug-14 WNAK187
	A growthy Advance daughter with good capacity & frame	Horn/Scurs/Poll:	Р
$   \sqrt{} $	She did an exceptional job on her 'P' calf - top-end weaning v	veight	
$\overline{\mathbf{V}}$	A visually muscular female (EMA top 5%) who retains femining	nity	
$   \sqrt{} $	PTIC to Lot 8 for a late September calf		
	INJEMIRA ADVANCE INJEMIRA ADVANCE V093 (H) INJEMIRA PATTIE R:	. , , ,	
	Sire: INJEMIRA ADVANCE Y203 (H) (IHSY203)	107 (11)	
	HH ADVANCE 3021C INJEMIRA FIRST DAY S198 (H) INJEMIRA FIRST DA	, ,,,	
	EF F524 FELLIS 8210 MOUNT DIFFICULT FELLIS Y12 (A MOUNT DIFFICULT 1	l)	
	Dam: MOUNT DIFFICULT NADIA C85 (MTTC85)		
BILL	JC CATALYST (IMP)  └── MOUNT DIFFICULT NADIA V15 (AI  MOUNT DIFFICULT I	•	

d	Jan 2019 GNOOL BILLEDI LAN LBV S										
L	W Company	CALVIN	IG EASE			GROV	VTH & MATE	RNAL			
I	Calving Ease	Calving Ease	Gestation Length	Birth	200-Day	400-Day	600-Day	Mat Cow	Genetic		
ı	DIR (%)	DTRS (%)	(days)	Weight	Growth	Weight	Weight	Weight	Milk		
I	0	1.5	1.0	2.2	2.5	<i>C</i> 1	0.4	0.0	. 22		
ı	+6.8	+1.5	-1.6	+3.3	+35	+61	+84	+80	+22		
ı	5.60	100	700	700	7.404	7.40	7.60	750	6601		
L	56%	49%	78%	78%	74%	74%	76%	75%	66%		

FERT	TLITY		CARCASE					
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBY (%)	IMF (%)	Trial Docility
(ciii)	Days to Carring	rreigne	(sq em)	(11111)	(11111)	(10)	(70)	Doenity
+1.9	-3.5	+65	+6.2	+0.5	+0.3	+1.7	+0.9	+6
72%	48%	66%	60%	64%	68%	61%	64%	58%

	\$INDEX	VALUE	
Supermarket	Grass Fed	Grain Fed	EU Index
\$117	\$114	\$135	\$132

EY	ES
1	Eye Pigment
164	60/60

JOINING SIRE:	Wirruna	Michelangelo	M433
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Est. Calving Date: 23-Sep-19

Purchaser	Drice
Purchaser	Price

Lot 67 **WIRRUNA DOREEN K204 (AI)** Pen No. 6 (PTIC Breeders) Birth Date: 18-Aug-14 Society ID: WNAK204 Horn/Scurs/Poll: Typical Guru female - dark fine coat & well pigmented Appreciate her long body & well-shaped udder ☑ Carries easy-calving traits & top 10% EMA EBV ✓ Positive fat is a good risk management trait to have in those tougher years HEATHERDALE OPIUM U78 (AI) VALMA MERCHANT VALMA EPICS MOONSHINE W50 Sire: YAVENVALE GURU (YAVG031) SOUTH BUKALONG WALLACE 2 YAVENVALE TREASURE D403 YAVENVALE TREASURE B247 (H) MOUNT DIFFICULT FELLIS Y12 (AI) WIRRUNA DARCY D63 WIRRUNA PENELOPE B126 Dam: WIRRUNA DOREEN F273 (WNAF273) MARKOWEN AUTHOR 2 (AI) WIRRUNA DOREEN D31 WIRRUNA DOREEN B110

	CALVIN	NG EASE			GROV	VTH & MATE	RNAL	
Calving Ease DIR (%)	Calving Ease DTRS (%)	Gestation Length (days)	Birth Weight	200-Day Growth	400-Day Weight	600-Day Weight	Mat Cow Weight	Genetic Milk
+7.2	+3.4	-0.5	+1.3	+26	+47	+56	+36	+15
52%	44%	75%	77%	72%	72%	74%	73%	65%

FERT	TLITY		CARCASE						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBY (%)	IMF (%)	Trial Docility	
(em)	Days to Carving	Weight	(sq cm)	(IIIII)	(IIIII)	(70)	(10)	Doenity	
+1.7	-4.0	+48	+5.0	+1.4	+1.9	+1.1	+0.5	-3	
64%	46%	64%	55%	62%	66%	58%	61%	57%	

\$INDEX VALUE								
Supermarket	Grass Fed	Grain Fed	EU Index					
\$100	\$102	\$117	\$114					

EYES					
1	Eye Pigment				
164	100/100				

INING SIRE:	Wirruna Monopoly M417
INING SIRE:	wirruna Monopoly M41

Est. Calving Date: 24-Aug-19

Jan 2019 GROUP BREEDPLAN EBV's

Lot 68 WIRRUNA GOLDEN VANITY K530 K530

Pen No. 6 (PTIC Breeders)

Birth Date: 18-Sep-14

_	_	_				_	

Birth Date: 18-Sep-14 Society ID: WNAK530 Horn/Scurs/Poll: P

- ☑ A functional feminine cow with long neck
- ☑ Continues to achieve good calf weight at weaning high maternal efficiency
- ☑ Excellent fertility short DtC EBV & high SS EBV (top 5%)
- Positive fat for fertility & longevity in the herd

MOUNT DIFFICULT FELLIS Y12 (AI)

— WIRRUNA DAFFY D1

MOUNT DIFFICULT LAST DAY A205

Sire: WIRRUNA HIGH LEVEL H236 (WNAH236)

RRH MR FELT 3008 (IMP)

MOUNT DIFFICULT LAST DAY B35

MOUNT DIFFICULT LAST DAY W29

ARDO HUSTLER 4110 (IMP)

ELITE 4110 E212

SOUTH BUKALONG WINIFRED 54

Dam: WIRRUNA GOLDEN VANITY H32 (WNAH32)

ALLENDALE NATIONAL W168

WIRRUNA GOLDEN VANITY F402

WIRRUNA GOLDEN VANITY A99

Jan 2019 GROUP BREEDPLAN EBV's

	CALVIN	NG EASE			GROV	VTH & MATE	RNAL	
Calving Ease DIR (%)	Calving Ease DTRS (%)	Gestation Length (days)	Birth Weight	200-Day Growth	400-Day Weight	600-Day Weight	Mat Cow Weight	Genetic Milk
+1.8	-0.3	-2.3	+4.4	+30	+45	+61	+52	+6
51%	42%	64%	76%	71%	71%	73%	72%	58%

FERT	ILITY		CARCASE						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBY (%)	IMF (%)	Trial Docility	
(cm)	Days to Carving	weight	(sq cm)	(IIIII)	(IIIII)	(70)	(10)	Docinty	
+3.8	-5.6	+39	+2.7	+0.5	+0.4	+1.0	+0.2	-1	
66%	43%	60%	51%	59%	64%	56%	58%	54%	

\$INDEX VALUE								
Supermarket	Grass Fed	Grain Fed	EU Index					
\$89	\$88	\$103	\$107					

EYES					
J.	Eye Pigment				
The same	100/100				

Est. Calving Date: 08-Sep-19

Purchaser	Drice
Furchaser	Price

Lot 69 🔷 WIRRUNA AMABEL L577 L577

Pen No. 6 (	PTIC	Breeders)
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Birth Date: 11-Sep-15 Society ID: WNAL577 Horn/Scurs/Poll: P

- ☑ A well-shaped Jack daughter with femininity
- ☑ Offers top 5% growth traits from a strong calving ease base
- ☑ Offers Homozygous polled genetics & strong profit potential
- ☑ Quiet temperament is a feature of this cow top 5% Doc EBV 

  'Star Lot'

KOANUI ROCKET 0219

MOUNT DIFFICULT CADBURY

MOUNT DIFFICULT MONIQUE V65

Sire: WIRRUNA JACK J12 (WNAJ12)

SOUTH BUKALONG WALLACE 2

WIRRUNA LAST DAY G63

WIRRUNA LAST DAY A31

ARDO HUSTLER 4110 (IMP)

— ELITE 4110 E212

SOUTH BUKALONG WINIFRED 54

Dam: WIRRUNA AMABEL H17 (WNAH17)

KOANUI ROCKET 0219

WIRRUNA AMABEL F28

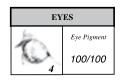
WIRRUNA AMABEL C143

Jan 2019 GROUP BREEDPLAN EBV's

CALVING EASE				GROV	VTH & MATE	RNAL		
Calving Ease DIR (%)	Calving Ease DTRS (%)	Gestation Length (days)	Birth Weight	200-Day Growth	400-Day	600-Day	Mat Cow Weight	Genetic Milk
DIR (%)	D1R5 (%)	(days)	weight	Growth	Weight	Weight	weight	IVIIIK
+7.3	+5.5	-2.8	+3.0	+40	+72	+101	+92	+7
51%	41%	71%	77%	71%	70%	73%	66%	55%

FERT	TLITY		CARCASE					
Scrotal Size		Carc	EMA	Rib Fat	Rump Fat	RBY	IMF	Trial
(cm)	Days to Calving	Weight	(sq cm)	(mm)	(mm)	(%)	(%)	Docility
+2.6	-2.4	+76	+3.5	+1.2	+1.5	+0.5	+0.9	+16
63%	42%	59%	49%	57%	62%	54%	55%	54%

\$INDEX VALUE								
Supermarket	Grass Fed	Grain Fed	EU Index					
\$130	\$126	\$145	\$140					



JOINING SIRE: Wirruna Michelangelo M433

Est. Calving Date: 03-Sep-19

# Lot 70

# **WIRRUNA PENELOPE M013 (AI)**

M013

Pen No. 6 (PTIC Breeders)

Birth Date: 4-Aug-16 Society ID: WNAM013 Horn/Scurs/Poll: P

- Attractive & shows good capacity
- ☑ Dispalys top 15% growth & calving ease traits curve bending genetics
- ✓ I like her well-hooded eyes & docile nature
- ☑ A quality 1st calver, pregnant to exciting new Wirruna sire N142

STUDBROOK D'ARTAGNION V086 (AI) (ET)

OTAPAWA SPARK 3060 (IMP)

OTAPAWA SPOT P30

Sire: MOUNT DIFFICULT HANSEN (MTTH34)

KOANUI ROCKET 0219

MOUNT DIFFICULT HENRIETTA E13

MOUNT DIFFICULT HENRETTA B97

WIRRUNA DAFFY D1

TOBRUK GEORGE G1

Pine Hill Irane D744

Dam: WIRRUNA PENELOPE J326 (WNAJ326)

**WIRRUNA ELEMENT E83** 

**WIRRUNA PENELOPE G373** 

WIRRUNA PENELOPE E399

Jan 2019 GROUP BREEDPLAN EBV's

CALVING EASE				GROV	VTH & MATE	RNAL		
Calving Ease DIR (%)	Calving Ease DTRS (%)	Gestation Length (days)	Birth Weight	200-Day Growth	400-Day Weight	600-Day Weight	Mat Cow Weight	Genetic Milk
DIK (%)	DIKS (%)	(days)	weight	Glowth	weight	weight	Weight	IVIIIK
+7.1	+6.4	-2.6	+3.2	+39	+64	+89	+87	+12
47%	37%	60%	74%	68%	68%	71%	63%	48%

FERT	TLITY		CARCASE					
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBY (%)	IMF (%)	Trial Docility
(cm)	Days to Carving	Weight	(sq cm)	(IIIII)	(IIIII)	(70)	(10)	Doenity
+1.3	-0.5	+70	+4.5	+0.4	+0.5	+1.9	+0.0	+13
62%	40%	58%	47%	56%	61%	53%	55%	49%

\$INDEX VALUE									
Supermarket	EU Index								
\$110	\$105	\$106	\$118						

EYES					
10	Eye Pigment 100/100				

JOINING SIRE: Wirruna Noosa N142

Est. Calving Date: 24-Aug-19

Lot 71 🐵

### **WIRRUNA LAST DAY M212 (AI)**

M212

Pen No. 6 (PTIC Breeders)

Birth Date: 16-Aug-16 Society ID: WNAM212 Horn/Scurs/Poll: P

- ☑ Easy-doing daughter of Hansen
- ☑ Strong CE traits (top 15%) & low birthweight (lightest 5%)
- ☐ Rates highly for the fat traits within top 20% for Rib, Rump & IMF%
- ☑ Features a very good udder & good temperament

STUDBROOK D'ARTAGNION V086 (AI) (ET)

OTAPAWA SPARK 3060 (IMP)

OTAPAWA SPOT P30

Sire: MOUNT DIFFICULT HANSEN (MTTH34)

KOANUI ROCKET 0219

MOUNT DIFFICULT HENRIETTA E13

MOUNT DIFFICULT HENRETTA B97

WIRRUNA ESK E193

WIRRUNA GRAMPION G406

PINE HILL PHOEBE D704

Dam: WIRRUNA LAST DAY J378 (WNAJ378)

WIRRUNA ECHUCA E99

WIRRUNA LAST DAY G274

WIRRUNA LAST DAY D345

Jan 2019 GROUP BREEDPLAN EBV's

CALVING EASE			GROWTH & MATERNAL					
Calving Ease DIR (%)	Calving Ease DTRS (%)	Gestation Length (days)	Birth Weight	200-Day Growth	400-Day Weight	600-Day Weight	Mat Cow Weight	Genetic Milk
DIK (%)	DIKS (%)	(days)	weight	Glowth	weight	weight	Weight	IVIIIK
+7.6	+7.9	-2.5	+0.6	+31	+48	+62	+51	+15
47%	37%	73%	75%	69%	69%	72%	65%	49%

FERT	TLITY		CARCASE					
Scrotal Size		Carc	EMA	Rib Fat	Rump Fat	RBY	IMF	Trial
(cm)	Days to Calving	Weight	(sq cm)	(mm)	(mm)	(%)	(%)	Docility
+1.0	-2.1	+50	+2.0	+1.5	+2.4	-0.6	+0.8	+10
63%	43%	59%	48%	58%	62%	54%	56%	49%

\$INDEX VALUE									
Supermarket	EU Index								
\$94	\$94	\$105	\$100						

EYES			
1	Eye Pigment		
164	100/100		

JOINING SIRE: Wirruna Noosa N142

Est. Calving Date: 29-Aug-19

### **WIRRUNA UNDERTONE M274 (AI) Lot 72** Pen No. 6 (PTIC Breeders) Birth Date: 20-Aug-16 Society ID: WNAM274 Horn/Scurs/Poll: Another soft-doing Hansen daughter Offering good fat EBVs for meat quality (top 15% IMF%) & fertility benefits ☑ Exhibits very good udder placement & strong milk attributes ☑ Recently weaned an excellent first calf STUDBROOK D'ARTAGNION V086 (AI) (ET) OTAPAWA SPARK 3060 (IMP) OTAPAWA SPOT P30 Sire: MOUNT DIFFICULT HANSEN (MTTH34) KOANUI ROCKET 0219 MOUNT DIFFICULT HENRIETTA E13 **MOUNT DIFFICULT HENRETTA B97** ARDO RUSSIA 4133 WIRRUNA DARKIE D66 WIRRUNA GOLDEN VANITY B145 Dam: WIRRUNA UNDERTONE G477 (WNAG477) MOUNT DIFFICULT UNGAR (S)

Jan 2019 GROUP BREEDPLAN EBV's

CALVING EASE		GROWTH & MATERNAL						
Calving Ease DIR (%)	Calving Ease DTRS (%)	Gestation Length (days)	Birth Weight	200-Day Growth	400-Day Weight	600-Day Weight	Mat Cow Weight	Genetic Milk
+4.3	+3.7	-2.2	+2.2	+30	+47	+64	+64	+18
49%	40%	75%	76%	70%	70%	73%	66%	53%

WIRRUNA UNDERTONE B41

WIRRUNA UNDERTONE Z153

FERT	TLITY			CAR	CASE			
Scrotal Size		Carc	EMA	Rib Fat	Rump Fat	RBY	IMF	Trial
(cm)	Days to Calving	Weight	(sq cm)	(mm)	(mm)	(%)	(%)	Docility
+1.5	-4.2	+47	+4.3	+2.6	+3.9	+0.2	+1.0	+14
63%	45%	60%	49%	59%	63%	55%	57%	51%

\$INDEX VALUE					
Supermarket	Grass Fed	Grain Fed	EU Index		
\$105	\$105	\$119	\$115		

EYES				
J.	Eye Pigment			
164	100/100			

JOINING SIRE:	Wirruna Noosa N142

Est. Calving Date: 08-Sep-19

Purchaser	Price

Lot 73 🔷 WIRRUNA CAMILLA M406 M406

Pen No. 6	(PTIC	Breeders)	١
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Birth Date: 29-Aug-16 Society ID: WNAM406 Horn/Scurs/Poll: P

- ☑ A well grown & docile Keech daughter
- ☑ Displays both good structure & good udder shape
- ✓ Proven maternal performance weaned top-end 'P' bull calf
- ☑ Joining to exiting new carcase sire N184 should compliment this cow

YARRAM LOTTERY X122 (H)

ELITE X122 H2

ELITE LASSIE Y781 F15

Sire: WIRRUNA KEECH K93 (WNAK93)

WIRRUNA FORT F382

WIRRUNA DOREEN H287

WIRRUNA DOREEN F373

WIRRUNA ESK E193 WIRRUNA GRAMPION G406

PINE HILL PHOEBE D704

Dam: WIRRUNA CAMILLA J346 (WNAJ346)

WIRRUNA DAFFY D1

WIRRUNA CAMILLA G424

MOUNT DIFFICULT CAMILLA A127

Jan 2019 GROUP BREEDPLAN EBV's

CALVING EASE		GROWTH & MATERNAL						
Calving Ease DIR (%)	Calving Ease DTRS (%)	Gestation Length (days)	Birth Weight	200-Day Growth	400-Day Weight	600-Day Weight	Mat Cow Weight	Genetic Milk
+6.9	+3.6	-2.6	+2.3	+28	+52	+66	+49	+16
43%	32%	53%	74%	67%	68%	71%	62%	44%

FERT	TLITY		CARCASE					
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBY (%)	IMF (%)	Trial Docility
+1.9	-4.8	+53	+3.8	+0.4	+0.3	+1.7	-0.4	+11
60%	40%	56%	45%	56%	61%	52%	53%	49%

\$INDEX VALUE						
Supermarket	Grass Fed	Grain Fed	EU Index			
\$102	\$100	\$105	\$116			

EYES			
1	Eye Pigment		
164	100/100		

JOINING SIRE: Wirruna Nimble N184

Est. Calving Date: 03-Sep-19

Purchaser\_\_\_\_\_ Price \_\_\_\_\_

Pen No.	6	(PTIC	Breed	ers
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Birth Date: 17-Sep-16 Society ID: WNAM536 Horn/Scurs/Poll: P

- ☑ Well structured cow with good neck extension
- ☑ Offers curve-bending growth 200D in top 20% of breed
- ✓ Very good udder & she weaned a very good first calf
- ☑ Joining to N142 will add further growth, milk & carcase to her progeny

CAPETHORNE HOT SHOT 03 22
— MATARIKI HOLY-SMOKE

MATARIKI GIRLIE 00323

Sire: WIRRUNA KARN K30 (WNAK30)

WIRRUNA FILMER F195
WIRRUNA GOLDEN VANITY H293

WIRRUNA GOLDEN VANITY E354

SOUTH BUKALONG SHAW 3

SOUTH BUKALONG SHANNON 40

SOUTH BUKALONG PETAL 88

Dam: PINE HILL PHOEBE D704 (WKHD704)

RRH MR FELT 3008 (IMP)

PINE HILL PHOEBE B602

PINE HILL PHOEBE W547

Jan 2019 GROUP BREEDPLAN EBV's

CALVING EASE			GROWTH & MATERNAL					
Calving Ease DIR (%)	Calving Ease DTRS (%)	Gestation Length (days)	Birth Weight	200-Day Growth	400-Day Weight	600-Day Weight	Mat Cow Weight	Genetic Milk
+0.2	+4.0	-1.2	+4.0	+38	+60	+78	+69	+12
45%	39%	61%	73%	66%	66%	69%	62%	51%

FERT	TLITY		CARCASE					
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sa.am)	Rib Fat (mm)	Rump Fat (mm)	RBY (%)	IMF (%)	Trial Docility
(cm)	Days to Calving	weight	(sq cm)	(IIIII)	(11111)	(%)	(%)	Docinty
+1.3	-4.0	+54	+1.8	+1.1	+1.5	-0.6	+0.7	-2
61%	39%	56%	47%	56%	60%	52%	54%	46%

\$INDEX VALUE						
Supermarket	Grass Fed	Grain Fed	EU Index			
\$95	\$91	\$107	\$103			

EYES		
10	Eye Pigment 100/100	

JOINING SIRE: Wirruna Noosa N142

Est. Calving Date: 29-Aug-19

Purchaser Price





#### **Ian Locke**

Wirruna Poll Hereford Stud, Holbrook NSW

"Applied in early July, ProGibb at 10 gm/ha can take pastures from 700 kg to 1400 kg/ha in 3 weeks, perfect to calve and lamb into."





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"ProGibb gives us the confidence to carry more breeding stock through the winter bottleneck!" FEMALE

Lot 75 V	11 x Stud Breeding Cows (PTIC)
Pen No. 12 (Stud cows)  11 fully recorded and regist Rising 3 years of age (M ta Joined to high \$Index Wirru Pregnancy tested to calve to EBV's & joining details available.	una Sires (mid Aug-Sep '19)
Purchaser	Price
Lot 76  Pen No. 13 (Stud cows)	8 x Stud Breeding Cows (PTIC)
<ul> <li>✓ 8 fully recorded and register</li> <li>✓ Rising 4-5 years of age (Lagrange)</li> <li>✓ Joined to next generation of the pregnancy tested to calve the EBV's &amp; joining details available.</li> </ul>	Virruna Sires (mid Aug-Sep '19)
Purchaser	Price
Lot 77   Pen No. 14 (Stud cows)	7 x Stud Breeding Cows (PTIC)
☑ 10 fully recorded and regist ☑ Rising 6 to 8 years of age (☑ Joined to high \$Index Wirru ☑ Superior phenotypes ☑ EBV's & joining details ava	G, H & J tags) una Sires
Purchaser	Price
Lot 78   14 x Per  Pen No. 16 (Commercial cows)	formance Recorded Cows (PTIC)
<ul> <li>✓ 14 fully recorded Poll Herei</li> <li>✓ Rising 3 years of age (M ta</li> <li>✓ Joined to next generation V</li> <li>✓ Biosecurity J-BAS 8 for Joh</li> <li>✓ EBV's &amp; joining details ava</li> </ul>	gs) Virruna Sires nnes Disease
Purchaser	Price

#### Lot 79 15 x Performance Recorded Cows (PTIC)

Pen No. 17 (Commercial cows)

- ☑ 15 fully recorded Poll Hereford/Hereford cows
- ☑ Rising 4 years of age (L tags)
- ☑ Joined to high \$Index Wirruna Sires
- ☑ Pregnancy tested to calve (mid Aug-Sep '19)
- ☑ EBV's & joining details available upon request

Purchaser	Price

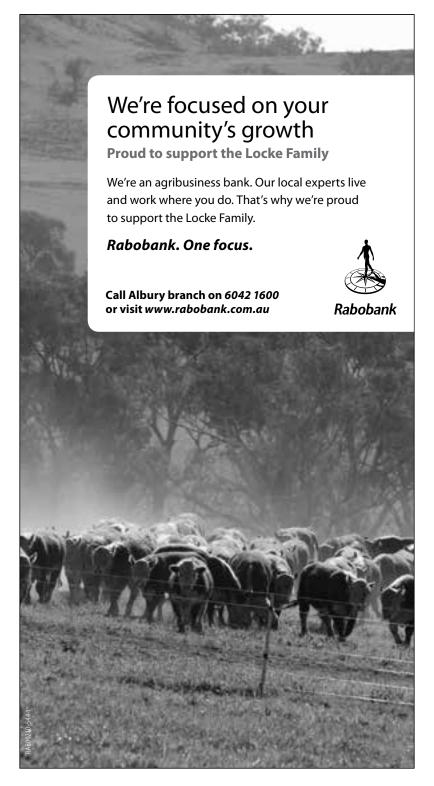
#### Lot 80 \( \sqrt{ range} \) 7 x Performance Recorded Cows (PTIC)

Pen No. 9 (Commercial cows)

- ☑ 7 fully recorded Poll Hereford cows
- ☑ Rising 5 to 8 years of age (G, H, J & K tags)
- ☑ Joined to high \$Index Wirruna Sires
- ☑ Pregnancy tested to calve (mid Aug-Sep '19)
- ☑ EBV's & joining details available upon request

Purchaser	Price	

Information on joining sires of female lots								
SIRE ID	Sire	CE (Dir)	BW	400D	Milk	EMA	IMF%	Grain-fed Index
WNAM010	Wirruna Fletcher F214	+13.9	-1.4	+56	+23	+6.9	+1.7	\$177
WNAM154	Wirruna Justin J13	-4.6	+3.9	+67	+15	+5.8	+2.0	\$180
WNAM417	Wirruna Keith K169	-0.1	+2.7	+58	+19	+6.0	+2.4	\$166
WNAM433	KCF B Rev X51	+12.4	+0.1	+49	+11	+9.1	+2.4	\$180
WNAN142	Allendale Anzac E114	+4.4	+4.3	+65	+18	+4.9	+2.8	\$175
WNAN184	Wirruna Katnook K74	-1.3	+4.9	+59	+16	+7.4	+2.4	\$177



## BUYER'S Instruction SLIP

Name of Buyer:		PIC No.	
Address:		, <del></del>	
Telephone:			
Email:			
Lots Purchased:			
Delivery Instruction	ons:		
Please tick where a	oplicable:		
Please	e arrange transfer of Pedigree thro	ugh the Breed Society	
Memb	pership No.:		
I wish	Wirruna to organise delivery on m	ny behalf	
Joinin	g date:		
I wou	ld prefer this transaction be throug	gh my agent	
 Agen	ts Name:		
	this to the sale agent at the conclusion		

## **HELMSMAN SELECTIONS**

The Helmsman System is a buyer friendly buying system. The system enables bull buyers to compete for bulls in a relaxed atmosphere without pressure or coercion allowing you to select the RIGHT BULL at the RIGHT PRICE.

One sale day you should visually assess and rank sale bulls in your order of preference. This page has been designed to assist you and can be used as a reference during the sale. It is especially important if you miss out on your first picks.

If you require further information or have any questions, please do not hesitate to ask one of the Wirruna representatives.

Buyer Number:	
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1st Choice	Lot:	Comments:
2nd Choice	Lot:	Comments:
3rd Choice	Lot:	Comments:
4th Choice	Lot:	Comments:
5th Choice	Lot:	Comments:
6th Choice	Lot:	Comments:
7th Choice	Lot:	Comments:
8th Choice	Lot:	Comments:

## **SALE STATISTICS**

No of Bulls Sold
Average Price
\$
Top Price
\$

All of us at Wirruna wish to thank successful bidders and underbidders who supported our sale.

#### Date to Remember

ON PROPERTY AT "SPRING VALLEY"

# Spring Bull Sale

WEDNESDAY, 28TH AUGUST, 2019

## **Notes**

To view an online video of the Autumn 2019 sale bulls, go to <a href="https://www.wirruna.com">www.wirruna.com</a> and click the link on the home page.

### **LOCATION MAP**

