



WIRRUNA
poll herefords

Spring Bull & Female Sale

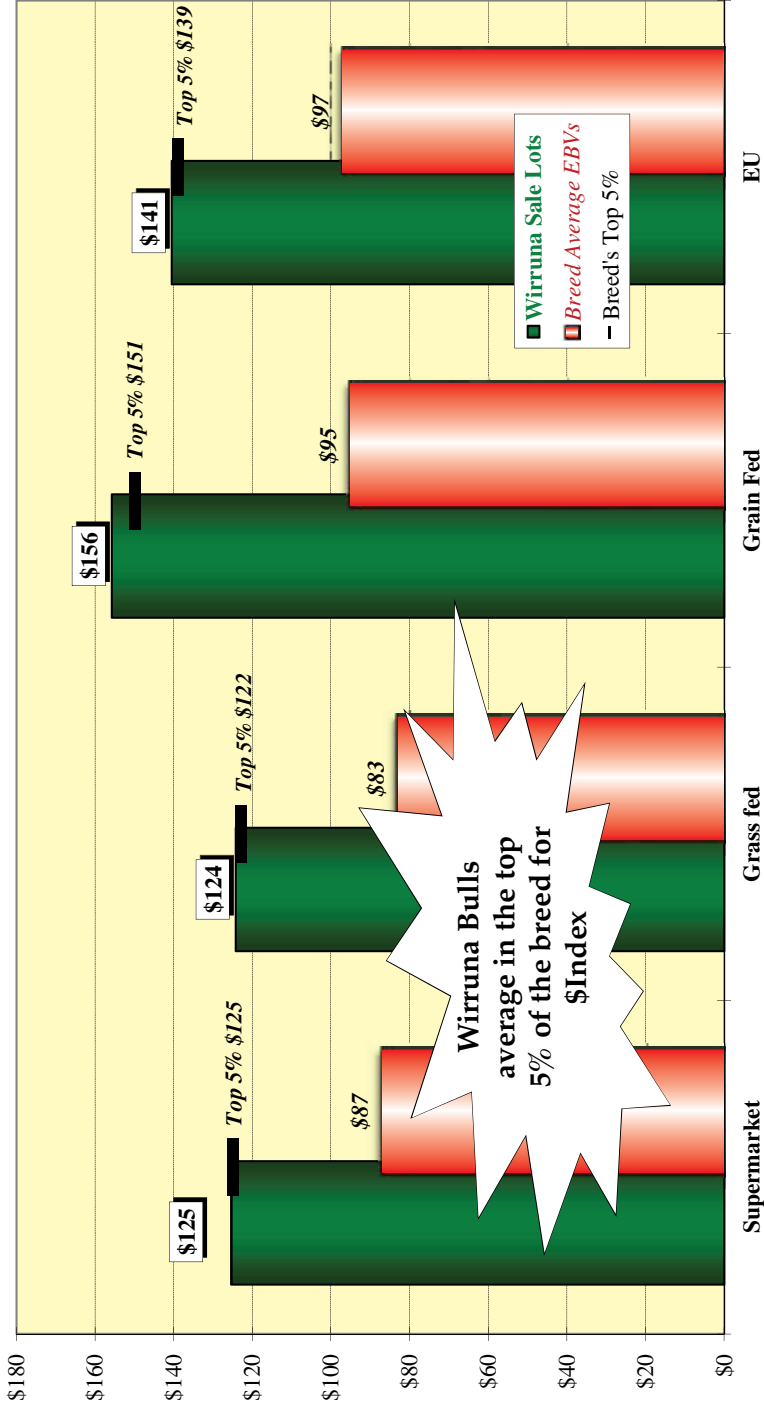
USING THE HELMSMAN
BUYING SYSTEM

Wednesday, August 28, 2019

COMPARISON OF \$INDEX VALUES

Wirruna Sale Bulls vs Overall Breed Average

EBV (kgs)





Spring Bull & Female Sale

Offering....

64 x Poll Hereford Bulls
10 x PTIC Breeders as Individual Lots
4 x PTIC Breeders as a Group Lot

USING THE HELMSMAN BUYING SYSTEM

To be held undercover at
"Spring Valley" Holbrook NSW


Wednesday, 28th August, 2019

INSPECTION FROM 10.00 AM - AUCTION: BULLS 1.00 PM

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Callow Livestock

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Transport Co-ordinator - Joe Wilton
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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WIRRUNA
poll herefords

Spring 2019 Sale

We do appreciate your interest in our Spring Bull & Female sale. Along with our Autumn sale, you have the opportunity to tap into breed leading genetics and services offered at WIRRUNA. A genetic program recognized as one of the most disciplined breeding programs in the country focused on helping commercial beef producers improve their beef herd profitability.

The 64 'N' bulls offered in this sale are 24 months old. 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.

The following graphs included in this catalogue provide a genetic audit of the WIRRUNA herd. They compare our genetics to the breed as a whole for the last 20 years. These graphs clearly demonstrate the genetic focus of the WIRRUNA program. You will notice that we do not partake in an EBV race for the highest growing animals, instead we focus on keeping birth weights low (& calving ease high) and pushing early growth from that low base. Likewise we do not like to see high mature cow weights as we need to run low cost, moderately sized cows that do not look and consume grass like draft horses. In a high production system with tight calving periods, large frame cows typically fail to rejoin, particularly when times get tough!

Calving ease at WIRRUNA is very good with all 2017 born calves averaging in the top 20% of the breed. For the early growth traits, WIRRUNA average in the top 25%. I also refer you to the carcass traits where the calves average in the top 10% for muscling (EMA) and top 5% for marbling (IMF%) which has proven meat quality advantages and WIRRUNA is the leading marbling herd of the breed. WIRRUNA bulls have long held an advantage in carcass traits.

The structural evaluation and scanning for carcass traits has been done by Liam Cardile from Beef Excel. Service ability testing and breeding soundness is undertaken by vets from Holbrook Vet Centre.

The WIRRUNA Poll Hereford herd has for many years led the way in performance recording of Poll Hereford genetics under commercial stress conditions. Over the years, WIRRUNA has BREEDPLAN recorded over 15,000 cattle with some 10,000 birth weight records. All cattle, including bulls are run in large management groups to enhance the accuracy of the BREEDPLAN data. WIRRUNA are pleased to have attained a 5 STAR "Completeness of Performance" herd rating which is aimed to give commercial cattlemen the confidence that WIRRUNA genetics are well described and is backed by high quality performance data.

We trust you will be able to come and enjoy our sale day. Please let us know if we can be of any assistance in making your selections.

The Locke Family



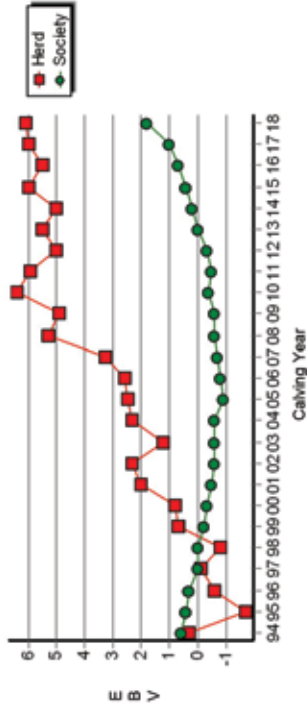
WIRRUNA
partners

GENETIC AUDIT OF WIRRUNA HERD

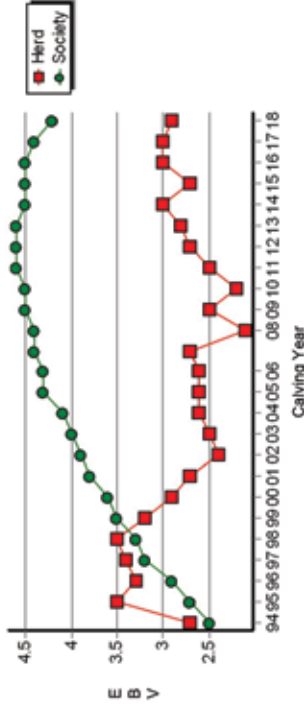
June 2019 Hereford GROUP BREEDPLAN

Graphs of Herd Compared with Breed Genetic Trends

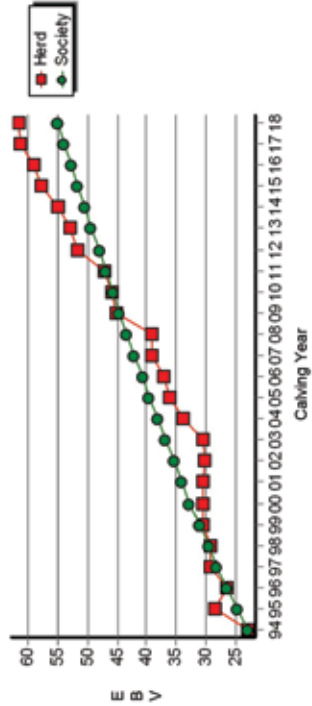
Calving Ease Dir (%)



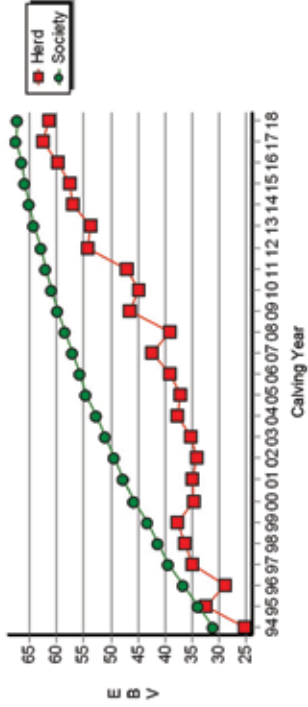
Birth Weight (kg)



400 Day Weight (kg)



Mature Weight (kg)





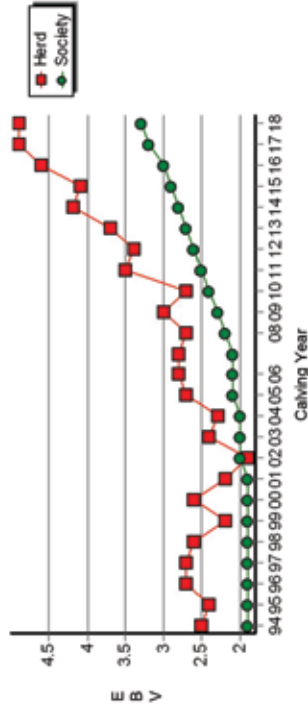
WIRRUNA
per hectare

GENETIC AUDIT OF WIRRUNA HERD

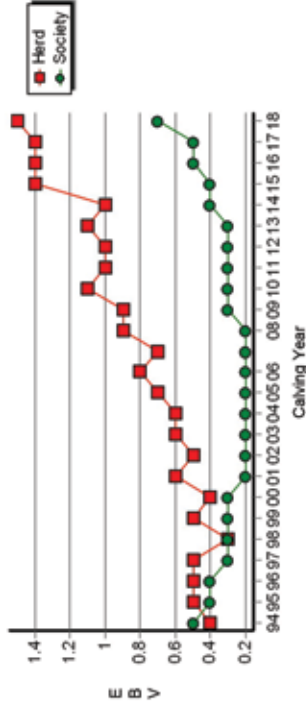
June 2019 Hereford GROUP BREEDPLAN

Graphs of Herd Compared with Breed Genetic Trends

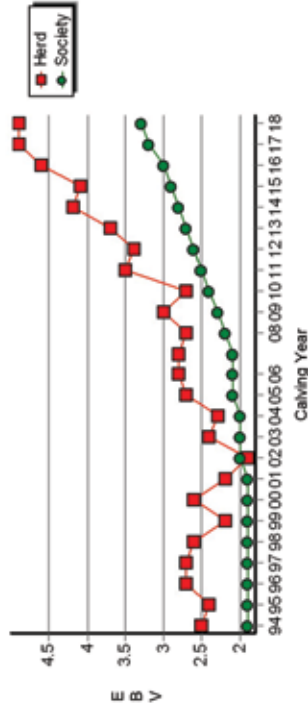
Carcase EMA (sq.cm)



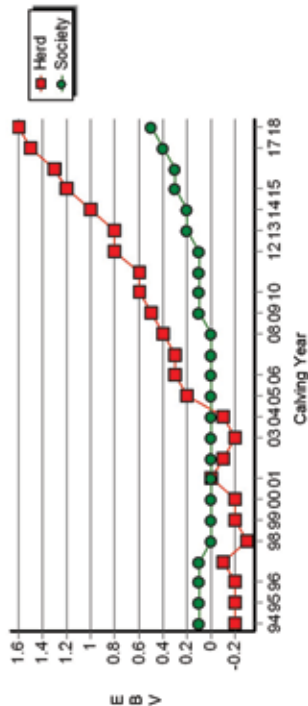
Carcase Rib Fat (mm)



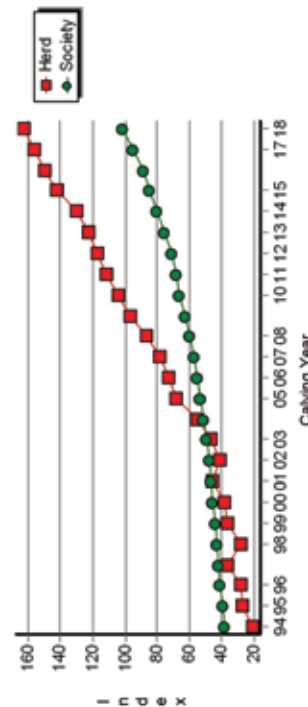
Carcase IMF (%)



Grain Fed Steer (\$)



Grain Fed Steer (\$)





WIRRUNA
poll herefords

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 July 4, 2019.
- 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 pellets & stubble hay has been provided in the 2 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.



WIRRUNA
poll herefords

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, carcass quality and muscularity that meet market specifications.
- Performance test to accurately describe growth, carcass 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.

*Quality:
"Fitness for Purpose"*

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 its 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 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 **June 2019 GROUP BREEDPLAN EBV's** and can be directly compared with only **June 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.

GROUP BREEDPLAN EBV'S (kgs) (Figures are breed average for calves born 2017)								
C Ease Direct	C Ease Dtrs	Gest Length	Birth Weight	200 Day Weight	400 Day Weight	600 Day Weight	Mat Day Weight	200 Day Milk
+1.0	+1.2	-0.3	+4.4	+33	+54	+77	+68	+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**.

Easy-calve

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

Wirruna have used ultrasonic scanning to assess muscle and fat since 1990. Intra-muscular fat (IMF) measurements have been measured since 1998. The carcass 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, carcass quality & meat yield are major factors influencing boning room profitability and ultimate producer returns. **Wirruna** is currently placing significant emphasis on carcass traits in sire selection.

GROUP BREEDPLAN EBV'S (kgs) (Carcass) (Figures are breed average for calves born 2017)						MUSCLE SCORE
Carcass Weight	EMA (cm ²)	Rib Fat (mm)	P8 Fat (mm)	RBY %	IMF%	Range A ← E
+50	+3.2	+0.5	+0.5	+0.8	+0.4	

- Carcass Weight** CWT EBV (kg) estimates the genetic difference in carcass weight at a standard age of 650 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 carcass. 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 carcass. 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.
- RBY%** Retail Beef Yield Percent EBV (%) represents total (boned out) meat yield as a percentage of a 300kg dressed carcass. A more positive EBV indicates higher percentage yield for the 300 kg carcass 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 carcass. Depending on market targets, larger more positive values are generally more favourable.
- Muscle Score** Sandy Yeates (formerly 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 carcasses 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 carcass yield.
However, improving muscularity in the herd is a slow process as extremes must be avoided.

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.

FERTILITY INFORMATION (Figures are breed average for calves born 2017)		
Scrotal Size EBV (cm)	DC EBV (days)	Scrotal Size (cm)
+2.0	-2.6	>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 June 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:

- **Positive calving ease EBVs** - Direct and for the longer term, its daughters. Use bulls with above average calving ease.
- **Low Birthweight EBV** - itself and back through it's pedigree. Use bulls with below breed average birthweight (target less than +4.2)
- **Correct Shoulder Conformation** - 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.

Easy-calve

\$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**.

The Index indicates the possible extra dollars earned per cow joined in self replacing herds targeting a particular market.

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.

BREED OBJECT \$INDEX <i>(Figures are breed average for calves born 2017)</i>			
Supermarket	Grass fed	Grain fed	EU Index
\$87	\$83	\$95	\$97

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.

June 2019 Hereford GROUP BREEDPLAN - Percentile Bands for all 2017 born animals

Use this table as a guide to compare individual animals with the current genetic level of the breed

	Calv-Ease				Birth				Growth				Fert				Carcase				Extra				Indexes			
	Dir	Dir%	GL	Bwt	200	400	600	Mwt	Milk	SS	DC	Cvt	EMA	Rib	P8	RBY	IMF	Doc	NFI	SM	GS	GN	EU					
		days	kg	kg	kg	kg	kg	sq cm	mm	mm	days	cm	days	kg	mm	%	%	kg/day					\$					
High 1%	+12.3	+8.4	-5.7	-0.8	+47	+77	+111	+108	+25	+4.0	-6.0	+6.7	+2.3	+3.2	+2.4	+1.9	+1.9	+0.31	+139	+137	+173	+154						
High 5%	+9.8	+6.5	-3.3	+0.9	+43	+70	+101	+96	+22	+3.2	-5.0	+6.8	+5.5	+1.7	+2.3	+1.9	+1.4	+0.18	+125	+123	+150	+139						
High 10%	+8.0	+5.4	-2.4	+1.7	+40	+67	+95	+90	+21	+2.9	-4.5	+6.3	+4.9	+1.4	+1.9	+1.7	+1.1	+0.14	+116	+114	+137	+129						
High 15%	+6.7	+4.6	-1.9	+2.3	+39	+64	+82	+86	+20	+2.7	-4.1	+6.1	+4.5	+1.3	+1.6	+1.5	+0.9	+0.11	+110	+107	+129	+122						
High 20%	+5.7	+4.0	-1.6	+2.8	+38	+62	+89	+83	+19	+2.6	-3.9	+5.9	+4.2	+1.1	+1.4	+1.4	+0.8	+0.10	+106	+102	+122	+117						
High 25%	+4.8	+3.5	-1.3	+3.2	+37	+61	+86	+80	+18	+2.4	-3.6	+5.7	+4.0	+1.0	+1.2	+1.2	+0.7	+0.06	+102	+98	+116	+113						
High 30%	+4.0	+3.0	-1.0	+3.5	+36	+59	+84	+77	+18	+2.3	-3.4	+5.5	+3.8	+0.9	+1.0	+1.1	+0.6	+0.04	+99	+95	+110	+109						
High 35%	+3.2	+2.5	-0.8	+3.8	+35	+58	+82	+75	+17	+2.2	-3.2	+5.4	+3.6	+0.8	+0.9	+1.0	+0.5	+0.02	+95	+91	+105	+106						
High 40%	+2.4	+2.1	-0.7	+4.1	+34	+57	+81	+73	+17	+2.1	-3.0	+5.2	+3.4	+0.7	+0.8	+1.0	+0.5	+0.01	+92	+88	+101	+102						
High 45%	+1.7	+1.7	-0.5	+4.4	+34	+55	+79	+70	+16	+2.0	-2.8	+5.1	+3.2	+0.6	+0.6	+0.9	+0.4	+0.01	+89	+85	+96	+99						
50%	+1.0	+1.3	-0.3	+4.6	+33	+54	+77	+68	+16	+1.9	-2.6	+5.0	+3.0	+0.5	+0.5	+0.8	+0.3	+0.02	+86	+82	+92	+96						
Low 45%	+0.3	+0.8	-0.1	+4.9	+32	+53	+75	+66	+15	+1.8	-2.4	+4.8	+2.9	+0.4	+0.4	+0.7	+0.3	+0.03	+84	+79	+88	+93						
Low 40%	-0.3	+0.4	+0.1	+5.1	+31	+52	+73	+64	+15	+1.7	-2.2	+4.7	+2.7	+0.3	+0.2	+0.6	+0.2	+0.04	+81	+76	+84	+90						
Low 35%	-1.0	+0.0	+0.2	+5.3	+31	+50	+71	+62	+14	+1.7	-2.0	+4.6	+2.6	+0.2	+0.1	+0.5	+0.2	+0.05	+78	+73	+80	+87						
Low 30%	-1.7	-0.5	+0.4	+5.6	+30	+49	+69	+59	+13	+1.6	-1.8	+4.4	+2.4	+0.1	+0.0	+0.5	+0.1	-0.06	+74	+69	+76	+83						
Low 25%	-2.4	-1.0	+0.6	+5.8	+29	+48	+67	+56	+13	+1.5	-1.6	+4.3	+2.3	+0.0	-0.2	+0.4	+0.0	-0.07	+71	+66	+72	+79						
Low 20%	-3.3	-1.5	+0.9	+6.1	+28	+46	+65	+53	+12	+1.3	-1.4	+4.1	+2.1	-0.1	-0.3	+0.3	-0.1	-0.09	+68	+62	+67	+76						
Low 15%	-4.3	-2.1	+1.2	+6.4	+27	+44	+62	+50	+11	+1.2	-1.1	+3.9	+1.9	-0.2	-0.5	+0.1	-0.1	+0.10	+64	+58	+61	+71						
Low 10%	-5.7	-3.0	+1.5	+6.8	+25	+42	+58	+45	+10	+1.0	-0.8	+3.7	+1.6	-0.4	-0.8	+0.0	-0.3	+0.12	+59	+53	+55	+66						
Low 5%	-7.8	-4.3	+2.2	+7.4	+23	+38	+52	+38	+9	+0.8	-0.4	+3.3	+1.3	-0.6	-1.1	-0.2	-0.4	+0.14	+52	+47	+47	+59						
Low 1%	-12.4	-7.1	+5.2	+8.5	+17	+29	+40	+21	+6	+0.2	+0.3	+2.5	+0.7	-1.1	-1.8	-0.8	-0.7	+0.22	+38	+35	+33	+45						

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

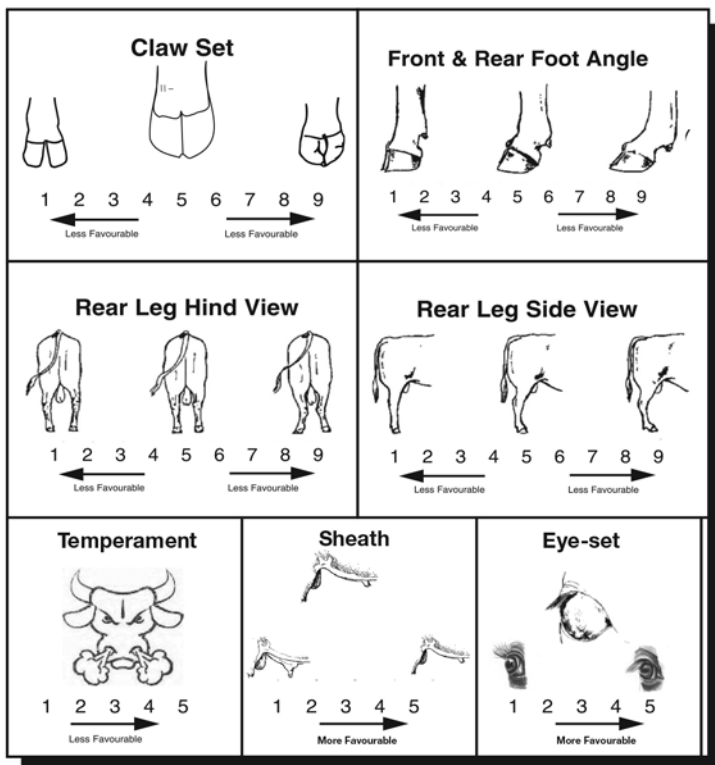
WIRRUNA POLL HEREFORDS STRUCTURAL PROGRAM:

The 2019 Wurruna 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 Wurruna sale bulls were assessed by **Liam Cardile** of BEEFXCEL on 4th July 2019.

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

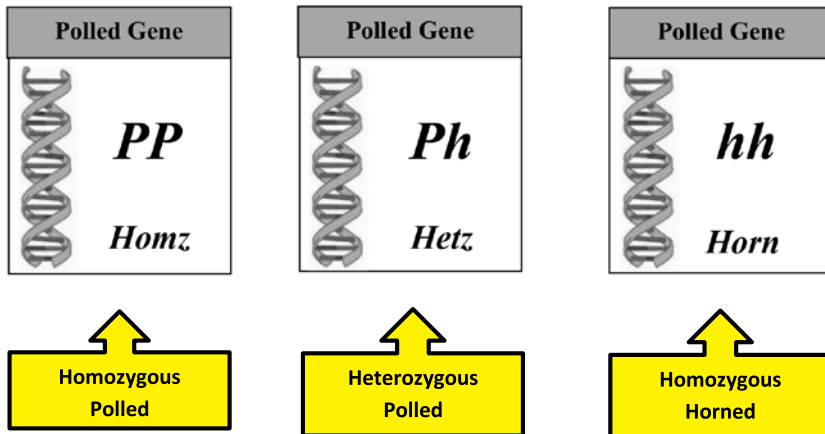
Genomics means the study of the Genome, or genetic make-up of an organism. In recent years, new technologies relating to the actual genes that animals carry have become available to the livestock industries. These include new ways to extract DNA, and run on a SNP (Single Nucleotide Polymorphism) panel 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
poll herefords

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, Wirruna 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,
- testicle size and conformation, and
- serving ability test

What does Wirruna Guarantee?

1 Bull Infertility

If a tested Wirruna bull is unable to sire calves as a result of a failure 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 bull

Bull Sub-fertility

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

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

2 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

How does it work?

Let's assume that you mate your new \$5,000 bull to his advised maximum mating load of 40 cows. If the cows are healthy, cycling and free of diseases capable of causing reproductive failure, you 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. $(36-20) \times \$100 = \$1,600$, representing the commercial difference in value between the 16 empty cows 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.

This guarantee is not a replacement for good management. It is aimed at appropriately covering the performance of the bull where the cows are diligently managed to recognised industry standards. The bull owner has a duty to observe joining, monitor later cycling, pregnancy test and communicate any problems

What is your obligation?

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.

Wirruna 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 bull 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.

Reference Sires - Outside AI

Sire Name	CALVING EASE					GROWTH MATERNAL					FERTILITY					CARKASE DATA BVHS					SINDE VALUE				
	Calv Eas	GL	Wght	20 Day	600 Day	Matern Wght	600 Day	Matern Wght	Genetic	Second Size	Days to Calv	CWT	DMA	RFT	PE	BVT	HAP	Total	Supremacy	Genetic	PE Index				
	Days	Days	Days	Wght	Wght	Wght	Wght	Wght	Wght	Wght	Wght	Wght	Wght	Wght	Wght	Wght	Wght	Wght	Wght	Wght	Wght				
ARDO BISMARCK	+14.0	+8.5	-3.2	+0.5	+2.4	+4.3	+5.2	+1.8	+13	-0.7	-3.9	+51.0	+5.8	+1.6	+2.2	+1.6	+0.7	+1.2	+\$108	+\$112	+\$131	+\$122			
KCF BENNETT REVOLUTION X51	+6.9	+4.1	+0.4	+4.8	+9.7	+9.8	+10.3	+8.1	+15	+3.2	-5.5	+85.0	+11.9	+1.8	+1.7	-2.0	+1.8	-7	-\$162	-\$161	-\$208	-\$184			
MONYMUSK EFFEEL TOWER (IMP NZL)	+3.5	+2.2	+2.3	+6.0	+3.1	+3.2	+7.4	+5.3	+2	+2.5	-5.1	+43.0	+3.6	+1.7	+1.8	+0.5	+1.2	+3	+\$110	+\$111	+\$143	+\$129			
MOUNT DIFFICULT CADBURY	+15.0	+11.2	-6.3	+0.6	+4.0	+7.0	+9.0	+9.0	+17	+2.5	-4.5	+81.0	+5.1	+1.6	+2.6	+0.8	+1.2	+25	-\$142	-\$140	-\$159	-\$159			
ALLENDALE ANZAC E114	-3.1	-2.8	-0.8	-6.2	+5.0	+8.2	+11.4	+10.5	+19	+4.1	-1.0	+77.0	+6.7	+1.2	+1.7	+0.1	+2.0	+23	+\$121	+\$114	+\$149	+\$129			

1, 2, 7, 8, 11, 12, 20, 26, 28, -29, 32, 35, 56

Reference Sires - WPHS

Sire Name	BIRTH BVHS					GROWTH BVHS					FERTILITY					CARKASE DATA BVHS					PADDOCK SIRE PERFORMANCE DATA				
	Calv Eas	GL	Wght	20 Day	600 Day	Matern Wght	600 Day	Matern Wght	Genetic	Second Size	Days to Calv	CWT	DMA	RFT	PE	BVT	HAP	Total	Supremacy	Genetic	PE Index				
	Days	Days	Days	Wght	Wght	Wght	Wght	Wght	Wght	Wght	Wght	Wght	Wght	Wght	Wght	Wght	Wght	Wght	Wght	Wght	Wght				
WIRRUNA FLETCHER F214	+7.5	+7.3	-6.5	+4.0	+4.5	+7.0	+9.3	+6.4	+21	+1.6	-5.8	+67.0	+5.8	-0.1	-1.7	+1.4	+2.3	-2	-\$144	+\$142	+\$196	-\$168			
WIRRUNA FORT F82	+6.6	+5.8	-3.0	+2.1	+2.8	+4.7	+7.0	+3.3	+9	+2.7	-5.8	+54.0	+4.3	+1.5	+2.3	+0.6	+2.3	+12	-\$134	+\$138	+\$188	-\$155			
WIRRUNA KANE K18	+8.8	+3.8	-5.4	+3.9	+3.8	+6.5	+9.3	+8.9	+15	+4.7	-7.1	+73.0	+4.8	+1.9	+2.8	-0.2	+1.9	-7	-\$146	+\$145	+\$183	-\$164			
WIRRUNA KATNOOK K74	-1.2	+2.2	-5.9	+6.0	+4.4	+6.5	+9.0	+6.9	+14	+3.4	-3.9	+67.0	+9.3	+0.0	-0.8	-3.3	+1.8	-8	-\$128	+\$127	+\$171	-\$153			
WIRRUNA KEECH K03	+4.0	+1.9	-3.5	+3.1	+3.4	+6.0	+8.0	+5.2	+28	+2.0	-3.8	+55.0	+2.5	+0.0	+0.0	+1.8	-0.7	+11	+\$105	+\$100	+\$143	-\$114			
WIRRUNA KILLARA K106	+7.3	+2.9	-4.7	+4.3	+4.1	+6.5	+8.2	+6.3	+17	+3.7	-7.2	+61.0	+6.1	+0.0	-0.7	+1.9	+1.0	-6	-\$132	+\$130	+\$164	-\$157			
WIRRUNA K326	+9.7	+5.9	-5.2	-0.3	+3.3	+6.7	+8.3	+5.5	+16	+4.2	-7.6	+68.0	+4.3	+3.2	+3.9	-0.6	+2.3	-5	-\$154	+\$157	+\$202	-\$171			
WIRRUNA KIRLEY K368	+7.2	+7.8	+2.1	+3.5	+3.2	+6.9	+9.9	+7.8	+22	+3.4	-3.9	+75.0	+7.2	+0.8	+0.5	+2.5	+0.6	+2.6	-\$146	+\$143	+\$167	-\$163			
WIRRUNA LES L18	+12.5	+6.0	-6.4	+0.4	+3.0	+6.4	+8.4	+7.7	+16	+5.5	-3.0	+68.0	+4.8	+1.8	+2.9	-0.4	+1.7	+3	-\$130	+\$129	+\$158	-\$141			
WIRRUNA LANCE L24	-0.5	+4.8	-3.9	+4.1	+4.4	+6.8	+9.2	+6.0	+19	+2.2	-5.1	+66.0	+4.4	+0.9	+0.3	+0.4	+2.3	-1	-\$129	+\$128	+\$178	-\$148			
WIRRUNA LEAP FORWARD L95	+11.8	+5.5	-2.7	+3.0	+4.1	+6.6	+8.9	+6.7	+16	+2.7	-5.3	+68.0	+7.3	+2.3	+2.9	-0.4	+2.1	-7	-\$146	+\$147	+\$188	-\$163			
WIRRUNA LEGS L108	+9.2	+5.6	-2.7	+2.3	+4.3	+6.1	+8.9	+10.4	+11	+2.5	-2.8	+88.0	+5.1	+1.0	+1.5	+1.0	+1.0	-7	+\$124	+\$121	+\$157	-\$136			
WIRRUNA LAWTON L166	-1.6	+5.0	-0.3	+4.2	+4.3	+7.7	+10.2	+8.9	+11	+2.2	-3.8	+72.0	+3.3	+1.3	+1.5	-0.4	+1.9	-6	+\$124	+\$121	+\$157	-\$136			
WIRRUNA LAWLEY L237	+1.0	+4.9	-0.2	+4.0	+3.8	+6.3	+8.0	+7.7	+7	+3.6	-4.8	+64.0	+6.3	+0.9	+1.0	+2.1	+0.9	+15	+\$119	+\$118	+\$140	-\$139			
WIRRUNA LAUNCESTON L396	+4.7	+3.2	-0.3	+4.1	+4.4	+8.1	+11.2	+9.7	+15	+4.0	-4.6	+71.0	+0.0	+1.2	+1.6	-0.4	+1.7	-13	-\$144	+\$139	+\$174	-\$156			

Breed Avg: 17 drop

Top 20% of breed 17 drop

Top 5% of breed 17 drop

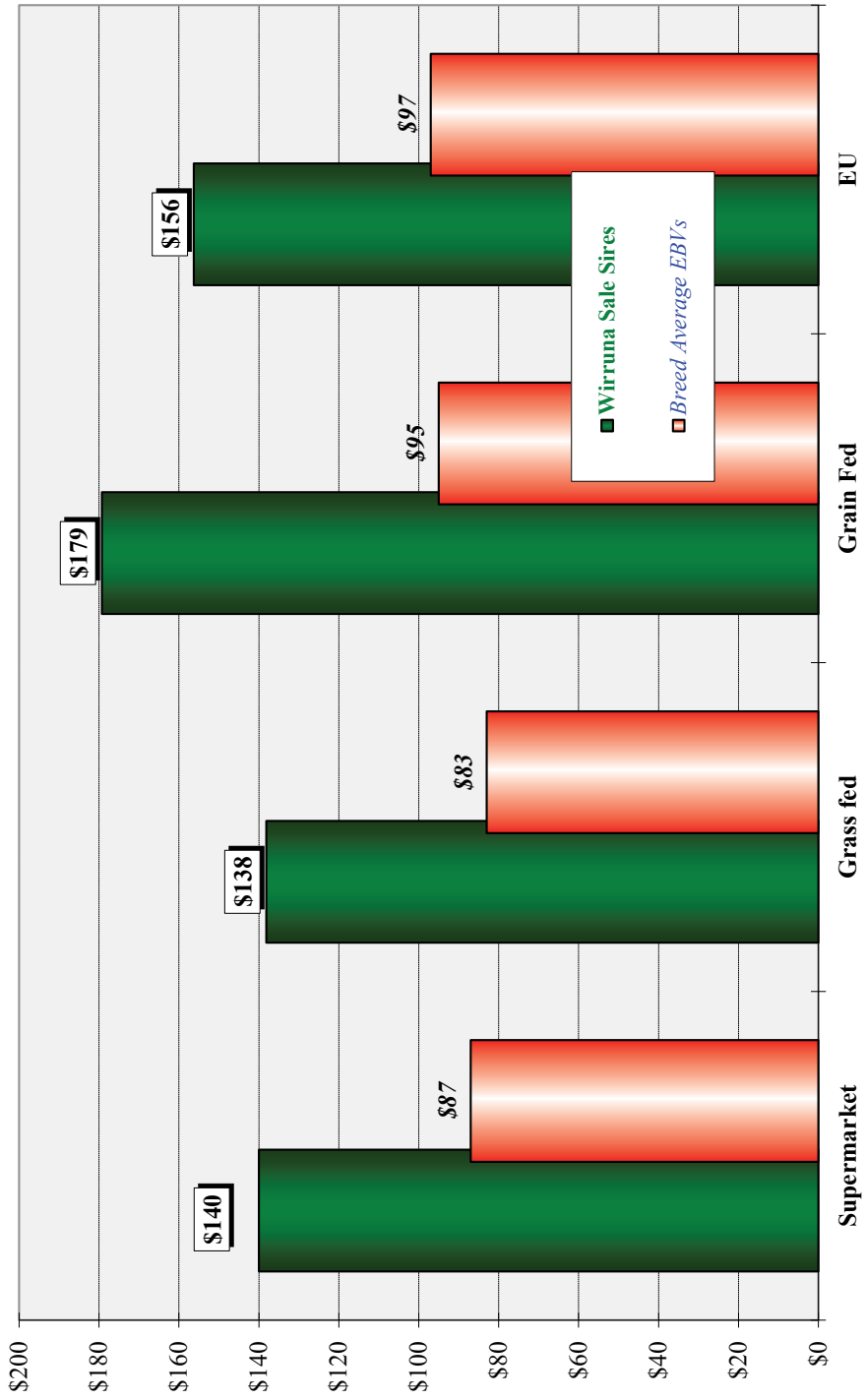
Yellow Highlight: Ranks in top 20%

Black Highlight: Ranks in top 5%

COMPARISON OF \$INDEX VALUES

Wurruna Sale Sires vs Overall Breed Average

EBV (kgs)



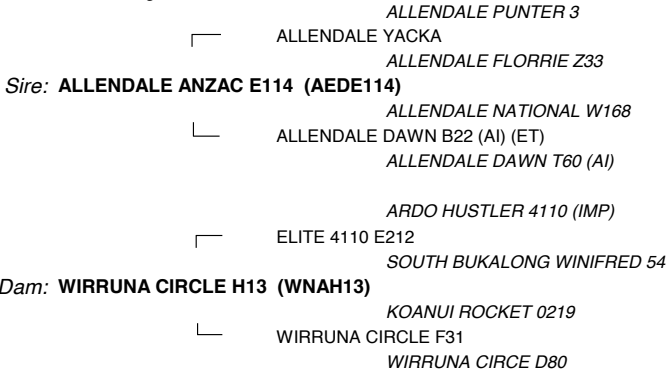


Pen No. 1 (Wirruna Sires)

Birth Date: 4-Aug-17
 Society ID: WNaN012
 Horn/Scurs/Poll: P

- Full brother to HAL 'Super Sire' Wirruna Matty M288
- Extra frame & growth - top 1% growth & carcass weight EBVs ...
- ... without compromising the calving ease traits
- Superior muscle & marbling to lift carcass quality attributes (top 1% IMF%)

'Star Lot', 50% Semen rights retained



Jun 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
+6.5	+3.3	-3.4	+5.4	+51	+86	+122	+111	+17
58%	52%	70%	76%	72%	72%	73%	68%	65%

FERTILITY		CARCASS						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Docility
+3.9	-0.2	+85	+5.6	+0.9	+0.8	-0.1	+2.9	+18
79%	45%	64%	58%	61%	65%	60%	63%	62%

STRUCTURAL ASSESSMENT						1-Jul-19	Temp.
5	6	5	6	5	5	4	43
							2

\$INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
Supermarket	Grass Fed	Grain Fed	EU Index	PP Homz	Late	C+		Eye Pigment
\$147	\$142	\$191	\$158					3

Purchaser _____

Price _____



Pen No. 1 (Wirruna Sires)

Birth Date: 10-Aug-17
 Society ID: WNAN068
 Horn/Scurs/Poll: P

- Nice phenotype - dark coated sire used over heifers
- Curve bending growth - achieved strong weight/day of age performance
- Outstanding carcass with highest EMA scan & top 1% IMF% EBV
- Very docile fellow out of a favoured donor cow with perfect udder

ALLEDALE PUNTER 3
 ┌ ALLEDALE YACKA
 ALLEDALE FLORRIE Z33
 Sire: ALLEDALE ANZAC E114 (AEDE114)
 ALLEDALE NATIONAL W168
 ┌ ALLEDALE DAWN B22 (AI) (ET)
 ALLEDALE DAWN T60 (AI)

MARKOWEN INTRUDER
 ┌ WIRRUNA CANDIDATE C118
 WIRRUNA FLORA Z267
 Dam: WIRRUNA CORA E319 (WNAE319)
 MOUNT DIFFICULT FELLIS Y12 (AI)
 ┌ WIRRUNA CORA B38
 WIRRUNA CORA U68



Jun 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
+6.6	+0.6	-1.8	+4.8	+39	+74	+100	+78	+16
57%	50%	67%	75%	71%	71%	71%	67%	64%

FERTILITY		CARCASS						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Docility
+4.0	-3.8	+72	+7.1	+1.5	+2.0	+0.7	+2.0	+15
79%	45%	63%	58%	61%	64%	59%	62%	61%

STRUCTURAL ASSESSMENT						1-Jul-19	Temp.
7	6	6	6	5	5	4	43
							1

INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
Supermarket	Grass Fed	Grain Fed	EU Index	PP	Mid	C+		Eye Pigment
\$143	\$142	\$184	\$160	Homz			4	100/100

Purchaser _____

Price _____



Pen No. 1 (Wirruna Sires)

Birth Date: 14-Aug-17
 Society ID: WNAN184
 Horn/Scurs/Poll: P

- A Katnook son with exceptional muscle conformation
- Carcase improving traits - Top-end EMA, RBY% & IMF% EBVs
- I like the natural growth & easy-fleshing ability of this attractive bull
- High \$Index Sire - top 1% ranking for Grain-fed \$Index

'Star Lot', 50% Semen rights retained

QUAMBY PLAINS STOCKMASTER Y118

┌ WIRRUNA FLETCHER F214
 └ WIRRUNA LAST DAY B16 (H)

Sire: WIRRUNA KATNOOK K74 (WNAK74)

┌ WIRRUNA DAFFY D1
 └ WIRRUNA VICTORIA G7
 WIRRUNA VICTORIA E112

┌ ARDO HUSTLER 4110 (IMP)
 └ WIRRUNA HORATIO H340
 WIRRUNA LAST DAY D84

Dam: WIRRUNA MADAM K343 (WNAK343)

┌ WIRRUNA CALLAN C26
 └ WIRRUNA MADAM H55
 WIRRUNA MADAM E226



Jun 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
-0.7	+2.9	-2.8	+4.7	+38	+59	+79	+49	+16
46%	35%	76%	74%	69%	69%	68%	62%	51%

FERTILITY		CARCASE						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBY (%)	IMF (%)	Docility
+4.2	-4.5	+60	+7.7	+0.9	+0.7	+1.7	+2.3	+3
78%	38%	60%	54%	57%	61%	53%	58%	53%

STRUCTURAL ASSESSMENT						1-Jul-19	Temp.
6	6	5	6	5	5	4	43
							2

\$INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
Supermarket	Grass Fed	Grain Fed	EU Index	PP Homz.	<i>Mid</i>	B-		Eye Pigment
\$125	\$126	\$177	\$148					4

Purchaser _____

Price _____



Pen No. 1 (Wirruna Sires)

Birth Date: 30-Aug-17
 Society ID: WNAN382
 Horn/Scurs/Poll: P

- Wirruna Sire showing good body capacity & depth
- Growthy, offers the strongest carcass weight genetics in the catalogue
- Top 5% EBVs for muscle & marbling for better carcass performance
- Exceptional top 1% \$Index rankings reflects his outstanding balance of profit traits

ARDO HUSTLER 4110 (IMP)

┌ TOBRUK JEDI
 └ PINE HILL MARITANA A619

Sire: **WIRRUNA LEGS L108 (WNAL108)**
 ┌ KOANUI ROCKET 0219
 └ WIRRUNA GOLDEN VANITY D88
 WIRRUNA GOLDEN VANITY Z16

ALLENDALE YACKA

┌ ALLENDALE ANZAC E114
 └ ALLENDALE DAWN B22 (AI) (ET)

Dam: **WIRRUNA LAST DAY L8 (WNAL8)**
 ┌ WIRRUNA FLETCHER F214
 └ WIRRUNA LAST DAY H194
 WIRRUNA LAST DAY F320



Jun 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
+4.4	+3.0	-4.1	+5.3	+49	+87	+117	+99	+18
44%	35%	59%	72%	66%	66%	65%	59%	47%

FERTILITY		CARCASS						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Docility
+4.4	-4.2	+87	+6.1	+1.1	+1.1	+1.2	+1.5	+9
76%	33%	54%	49%	53%	58%	51%	51%	47%

STRUCTURAL ASSESSMENT						1-Jul-19	Temp.
6	6	5	6	4	5	4	41
							2

\$INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
Supermarket	Grass Fed	Grain Fed	EU Index	PP Homz	<i>Mid</i>	C+		Eye Pigment
\$155	\$150	\$185	\$171					4

Purchaser _____

Price _____



Pen No. 1 (Wirruna Sires)

Birth Date: 30-Aug-17
 Society ID: WNAN383
 Horn/Scurs/Poll: P

- A true curve-bending growth profile going back to Jedi
- Features top 10% CE traits, coupled with top 5% 400D growth
- Carcase scan showed good marbling - top 5% IMF% EBV
- Used over heifers - features top 5% fertility traits & top 1% \$Index values

Easy-calve

ARDO HUSTLER 4110 (IMP)

┌ TOBRUK JEDI
 └ PINE HILL MARITANA A619

Sire: WIRRUNA LEGS L108 (WNAL108)

KOANUI ROCKET 0219

┌ WIRRUNA GOLDEN VANITY D88
 └ WIRRUNA GOLDEN VANITY Z16

MATARIKI HOLY-SMOKE

┌ WIRRUNA JACQUES J69
 └ WIRRUNA PENELOPE E230

Dam: WIRRUNA UNDERTONE L71 (WNAL71)

WIRRUNA FORT F382

┌ WIRRUNA UNDERTONE J527
 └ WIRRUNA UNDERTONE B41



Jun 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
+8.5	+5.2	-3.3	+1.7	+37	+76	+100	+87	+16
42%	33%	54%	72%	66%	65%	65%	57%	46%

FERTILITY		CARCASE						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Docility
+3.9	-5.2	+79	+5.3	+1.5	+1.8	+0.9	+1.8	-1
76%	34%	53%	47%	52%	57%	50%	49%	47%

STRUCTURAL ASSESSMENT						1-Jul-19	Temp.
7	6	6	6	5	5	39	2

\$INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
Supermarket	Grass Fed	Grain Fed	EU Index	PP	Mid	C+		Eye Pigment
\$153	\$151	\$188	\$170	Homz			4	100/100

Purchaser _____

Price _____



Pen No. 1 (Wirruna Sires)

Birth Date: 8-Sep-17
 Society ID: WNAN512
 Horn/Scurs/Poll: P

- A Kalimna son used over heifers at Wirruna
- Excellent marbling boosts the Grained \$Index to the top 1% of the breed
- I like this bull for his length, easy-doing ability & large testicles
- Used as the joining Sire to female lots in this catalogue

'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

FELTONS SOUNDER 957 (P)

EFBEEF FOREMOST U208 (IMP)

EFBEEF G824 KATE S610 ET

Dam: WIRRUNA LAST DAY J349 (WNAJ349)

MOUNT DIFFICULT FELLIS Y12 (AI)

WIRRUNA LAST DAY D84

WIRRUNA LAST DAY B140

Easy-calve



Jun 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
+4.6	+4.8	-2.4	+3.4	+36	+62	+79	+48	+16
51%	38%	66%	74%	70%	70%	70%	63%	52%

FERTILITY		CARCASE						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Docility
+3.4	-5.4	+61	+5.1	+2.4	+2.6	+0.3	+2.2	-12
78%	41%	64%	58%	62%	64%	55%	62%	58%

STRUCTURAL ASSESSMENT						1-Jul-19	Temp.
6	7	5	6	4	6	4	42
							2

\$INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
Supermarket	Grass Fed	Grain Fed	EU Index	PP	Mid	C		Eye Pigment
\$135	\$137	\$183	\$153	Homz			4	100/100

Purchaser _____

Price _____



Pen No. 1 (Wirruna Sires)

Birth Date: 10-Aug-15

Society ID: WNAL102

Horn/Scurs/Poll: P

- ☑ There are few bulls better than Lennon for carcase
- ☑ B- muscle & exceptional carcase scan supports his top 1% EMA EBV
- ☑ Also features good early growth (top 5% 400D) & carcase weight (top 5% CWT)
- ☑ Appreciate his docility, sound structure, strong marbling & top 10% \$Indices

NB. Semen rights owned by Cogent UK & Kelly Family UK - Sale of walking rights only.

ALLEDALE PUNTER 3

┌ ALLEDALE YACKA

ALLEDALE FLORRIE Z33

Sire: ALLEDALE ANZAC E114 (AEDE114)

ALLEDALE NATIONAL W168

┌ ALLEDALE DAWN B22 (AI) (ET)

ALLEDALE DAWN T60 (AI)

KOANUI ROCKET 0219

┌ WIRRUNA CALLAN C26

WIRRUNA GOLDEN VANITY A78

Dam: WIRRUNA MADAM H55 (WNAH55)

MOUNT DIFFICULT FELLIS Y12 (AI)

┌ WIRRUNA MADAM E226

WIRRUNA MADAM Z51



Jun 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
-0.1	+0.6	-1.2	+5.8	+42	+74	+98	+81	+14
62%	53%	77%	85%	80%	76%	76%	70%	63%

FERTILITY		CARCASE						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Docility
+3.5	-1.6	+71	+8.2	+1.2	+1.7	+1.5	+1.3	+17
79%	45%	66%	60%	63%	66%	61%	62%	71%

STRUCTURAL ASSESSMENT							1-Jul-19	Temp.
6	5	5	6	5	5	4	41	2

INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
Supermarket	Grass Fed	Grain Fed	EU Index	PP Homz	Mid	B-		Eye Pigment
\$122	\$119	\$147	\$134					100/100

Purchaser _____

Price _____

COMPARISON OF GROWTH EBV's

Growth Bulls vs Overall Breed Average

EBV (kgs)





Pen No. 7 (Growth Bulls)

Birth Date: 7-Aug-17
 Society ID: WNAN043
 Horn/Scurs/Poll: P

- A long bodied Anzac son with width & substance
- Born a twin - earns highest Sale-weight:Birth-weight raw data ratio
- Growth traits in top 5% of breed, top 15% for Milk EBV
- Note valuable carcase traits with top 1% IMF% & top 10% EMA

Twin

ALLEDALE PUNTER 3

┌ ALLEDALE YACKA
 ALLEDALE FLORRIE Z33

Sire: ALLEDALE ANZAC E114 (AEDE114)

ALLEDALE NATIONAL W168

┌ ALLEDALE DAWN B22 (AI) (ET)
 ALLEDALE DAWN T60 (AI)

CAPETHORNE HOT SHOT 03 22

┌ MATARIKI HOLY-SMOKE
 MATARIKI GIRLIE 00323

Dam: WIRRUNA LAST DAY J82 (WNAJ82)

SOUTH BUKALONG WALLACE 2

┌ WIRRUNA LAST DAY G43
 WIRRUNA LAST DAY D5



Jun 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
+0.1	-0.3	-0.4	+6.1	+45	+77	+107	+84	+20
56%	51%	68%	74%	70%	70%	70%	65%	63%

FERTILITY		CARCASE						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Docility
+2.9	-2.3	+70	+4.9	+1.4	+2.1	+0.2	+1.9	+14
77%	44%	61%	57%	60%	63%	58%	60%	58%

STRUCTURAL ASSESSMENT						1-Jul-19	Temp.
7	6	6	6	5	5	4	39

INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
Supermarket	Grass Fed	Grain Fed	EU Index	PP Homz	Mid	C+		Eye Pigment
\$129	\$124	\$161	\$138					3

Purchaser _____

Price _____



Pen No. 7 (Growth Bulls)

Birth Date: 11-Aug-17
 Society ID: WNAN092
 Horn/Scurs/Poll: P

- A long bodied bull with natural growth & soundness
- A strong yearling weight gain performance, this fellow has growth traits in top 5%
- Top 10% for calving ease traits & high fat scan for easy-care females
- Select to boost growth & carcase weight for grassfed & EU target markets

KOANUI ROCKET Q334

┌ KOANUI ROCKET Q219

KOANUI ANGEL R187

Sire: MOUNT DIFFICULT CADBURY (MTTC8)

YARROW CORK

┌ MOUNT DIFFICULT MONIQUE V65

MOUNT DIFFICULT MONIQUE

WIRRUNA DAFFY D1

┌ WIRRUNA HIGH LEVEL H236

MOUNT DIFFICULT LAST DAY B35

Dam: WIRRUNA LAST DAY K375 (WNAK375)

BANEMORE NORTH END A024

┌ WIRRUNA LAST DAY H108

WIRRUNA LAST DAY C223



Jun 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
+9.4	+5.9	-3.4	+5.1	+43	+76	+102	+107	+11
51%	43%	75%	73%	69%	69%	68%	64%	59%

FERTILITY		CARCASE						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Docility
+3.0	-4.0	+74	+4.2	+1.3	+1.8	+0.9	+0.9	+17
77%	45%	59%	54%	57%	61%	56%	57%	53%

STRUCTURAL ASSESSMENT						1-Jul-19	Temp.
6	6	5	5	5	5	3	1-Jul-19 39
							2

INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
Supermarket	Grass Fed	Grain Fed	EU Index	PP	Mid	C+		Eye Pigment
\$136	\$131	\$150	\$149	Homz			4	100/100

Purchaser _____

Price _____



Pen No. 7 (Growth Bulls)

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

- Long & attractive Fletcher son out of a great cow
- The highest average daily gainer in the sale draft- Top 1% 200D growth
- Also benefits from top 1% CWT, top 5% EMA & IMF% for valuable MSA carcasses
- 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



Jun 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
+6.7	+6.6	-6.0	+4.9	+48	+76	+105	+88	+17
54%	46%	77%	75%	71%	71%	73%	68%	63%

FERTILITY		CARCASS						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Docility
+1.6	-5.5	+78	+5.9	+0.2	-0.6	+1.5	+1.6	-10
78%	47%	64%	58%	61%	64%	58%	61%	58%

STRUCTURAL ASSESSMENT						1-Jul-19	Temp.
7	6	6	6	5	5	3	38
							2

\$INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
Supermarket	Grass Fed	Grain Fed	EU Index	PP	<i>Mid</i>	C+		Eye Pigment
\$148	\$145	\$184	\$169	<i>Homz.</i>			3	100/80

Purchaser _____

Price _____



Pen No. 7 (Growth Bulls)

Birth Date: 14-Aug-17
 Society ID: WNAN170
 Horn/Scurs/Poll: P

- Use to boost growth & frame size - top 1% growth
- Exceptional Carcase - CWT & IMF top 1%, EMA top 5%
- Highest SS EBV in the catalogue & testicles to match
- One of the highest ranked bulls of the breed for the \$Index values
 'Star Lot'

ALLEDALE PUNTER 3

┌ ALLEDALE YACKA
 ALLEDALE FLORRIE Z33

Sire: ALLEDALE ANZAC E114 (AEDE114)

ALLEDALE NATIONAL W168

┌ ALLEDALE DAWN B22 (AI) (ET)
 ALLEDALE DAWN T60 (AI)

QUAMBY PLAINS STOCKMASTER Y118

┌ WIRRUNA FLETCHER F214
 WIRRUNA LAST DAY B16 (H)

Dam: WIRRUNA JANETTE H276 (WNAH276)

SOUTH BUKALONG WALLACE 2

┌ WIRRUNA JANETTE F166
 MOUNT DIFFICULT JANETTE B113



Jun 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
+3.2	+3.5	-3.0	+7.0	+51	+84	+117	+94	+22
55%	50%	76%	74%	70%	70%	70%	66%	63%

FERTILITY		CARCASE						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Docility
+5.0	-4.6	+80	+6.1	+1.0	+0.7	+0.4	+2.4	+14
78%	43%	62%	57%	61%	64%	59%	61%	58%

STRUCTURAL ASSESSMENT						1-Jul-19	Temp.
5	6	5	6	5	5	4	43
							1

\$INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
Supermarket	Grass Fed	Grain Fed	EU Index		Late	C+		Eye Pigment
\$155	\$151	\$203	\$173				3	75/100

Purchaser _____

Price _____



Pen No. 7 (Growth Bulls)

Birth Date: 17-Aug-17
 Society ID: WNAN229
 Horn/Scurs/Poll: P

- Easily fleshed son of Anzac for pushing growth
- Curve bender - top 5% for growth & lightest 25% BWT EBVs
- Scanned well for EMA with top 5% rankings for muscle & marbling EBVs
- A docile bull that carries dehorning genetics (Homozygous Polled)

ALLEDALE PUNTER 3
 ┌ ALLEDALE YACKA
 ALLEDALE FLORRIE Z33
 Sire: ALLEDALE ANZAC E114 (AEDE114)
 ALLEDALE NATIONAL W168
 ┌ ALLEDALE DAWN B22 (AI) (ET)
 ALLEDALE DAWN T60 (AI)

KOANUI ROCKET Q334
 ┌ KOANUI ROCKET 0219
 KOANUI ANGEL R187
 Dam: WIRRUNA CIRCLE F31 (WNAF31)
 ALLEDALE NATIONAL W168
 ┌ WIRRUNA CIRCE D80
 SOUTH BUKALONG CIRCE 110

Easy-calve



Jun 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
+6.0	+3.5	-1.7	+3.1	+44	+72	+101	+88	+20
58%	53%	70%	75%	71%	71%	72%	68%	65%

FERTILITY		CARCASS						Docility
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	
+1.3	+0.9	+79	+5.8	+1.5	+2.3	+0.3	+1.6	+20
79%	47%	64%	59%	62%	65%	61%	63%	60%

STRUCTURAL ASSESSMENT						1-Jul-19	Temp.
7	5	5	5	5	5	4	39
							1

\$INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
Supermarket	Grass Fed	Grain Fed	EU Index					Eye Pigment
\$124	\$120	\$142	\$127	PP Homz.	<i>Mid</i>	C+		100/100
							3	

Purchaser _____

Price _____



Pen No. 7 (Growth Bulls)

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

- Long-bodied Fort son with larger frame
- Offers top 5% growth & carcass 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 JELICOE J56
 MOUNT DIFFICULT TIGRESS E73

Dam: **WIRRUNA NOBLESSE L4 (WNAL4)**

MOUNT DIFFICULT EGERTON E54
 ┌── MOUNT DIFFICULT NOBLESSE J73
 MOUNT DIFFICULT NOBLESSE B27



Jun 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
-2.8	+0.2	-1.4	+7.0	+48	+73	+105	+85	+15
51%	43%	75%	74%	69%	70%	72%	66%	58%

FERTILITY		CARCASS						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Docility
+2.7	-3.5	+68	+2.6	+0.7	+0.9	+0.6	+1.2	+13
78%	42%	61%	53%	56%	60%	54%	56%	53%

STRUCTURAL ASSESSMENT						1-Jul-19	Temp.
6	6	6	6	5	5	4	1-Jul-19 39
							I

\$INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
Supermarket	Grass Fed	Grain Fed	EU Index					Eye Pigment
\$117	\$111	\$140	\$129	PP	Late	C		100/90
				Homz			3	

Purchaser _____

Price _____



Pen No. 7 (Growth Bulls)

Birth Date: 23-Aug-17
 Society ID: WNAN315
 Horn/Scurs/Poll: P

- X51 son with soft-fleshing & nice-barrelled body
- Look beyond the paler colours of these bloodlines to see the good traits on offer
- Pulls together good CE, top 5% 200D, moderate MWT, top 5% EMA & positive fats
- Strong \$Index values reflect balance of profitable traits

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

OKAWA DAVIS 7046

┌ OKAWA MARSHALL 9178
 OKAWA LYDIA 7047

Dam: **WIRRUNA MADAM J158 (WNAJ158)**
 SOUTH BUKALONG WALLACE 2

┌ WIRRUNA MADAM F18
 WIRRUNA MADAM D232



Jun 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
+6.2	+3.3	+1.0	+4.3	+44	+66	+92	+67	+21
48%	39%	76%	73%	69%	69%	68%	63%	59%

FERTILITY		CARCASS						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Docility
+2.4	-4.9	+68	+5.6	+1.4	+1.6	+1.1	+0.5	+5
77%	37%	58%	53%	56%	59%	53%	56%	55%

STRUCTURAL ASSESSMENT						1-Jul-19	Temp.
6	5	5	6	5	5	40	1

\$INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
Supermarket	Grass Fed	Grain Fed	EU Index	PP Homz	Mid	C+		Eye Pigment
\$132	\$129	\$148	\$146					4

Purchaser _____

Price _____



Pen No. 7 (Growth Bulls)

Birth Date: 24-Aug-17
 Society ID: WNAN359
 Horn/Scurs/Poll: P

- Extra body-length & depth in this Lance son
- Exhibits a good hind-quarter, top 5% marbling for quality beef
- Carries all-important fertility traits - top 5% DtC EBV
- Rates well for structural attributes & Homozygous Polled

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

OKAWA MARSHALL 9178

┌ WIRRUNA JESSY J146
 WIRRUNA MABEL F127

Dam: **WIRRUNA TIGRESS L593 (WNAL593)**

┌ WIRRUNA GEORGE G87
 WIRRUNA TIGRESS J482
 WIRRUNA TIGRESS C105



Jun 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
-1.6	+1.6	-3.6	+4.0	+39	+70	+95	+68	+21
41%	30%	54%	71%	62%	61%	61%	53%	42%

FERTILITY		CARCASS						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Docility
+2.9	-5.8	+68	+4.2	+0.9	+0.6	+0.7	+1.8	-11
62%	33%	50%	43%	49%	52%	44%	48%	48%

STRUCTURAL ASSESSMENT						1-Jul-19	Temp.
6	5	6	6	5	5	40	2

INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
Supermarket	Grass Fed	Grain Fed	EU Index	PP Homz	<i>Mid</i>	C+		Eye Pigment 100/100
\$129	\$126	\$169	\$146					

Purchaser _____

Price _____



Pen No. 7 (Growth Bulls)

Birth Date: 29-Aug-17
 Society ID: WNAN376
 Horn/Scurs/Poll: P

- Dark-coated bull showing good eye hooding
- A classic curve bender - low BWT, high growth, low MCW
- High scan for marbling with IMF% EBV in top 1% of breed
- High fertility & marbling contributes to top 1% ranking for Grainfed \$Index

SOUTH BUKALONG WALLACE 2

┌ WIRRUNA JAFFA J55
 WIRRUNA VICTORIA G92

Sire: **WIRRUNA LAUNCESTON L396 (WNAL396)**
 OKAWA MARSHALL 9178

└ WIRRUNA CORA J230
 WIRRUNA CORA E343

OKAWA MARSHALL 9178

┌ WIRRUNA JENSON J218
 WIRRUNA CORA E319

Dam: **WIRRUNA OYSTER GIRL L606 (WNAL606)**
 WIRRUNA GOONDIWINDI G391

└ WIRRUNA OYSTER GIRL J315
 WIRRUNA OYSTER GIRL F107



Jun 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
+3.7	-0.9	+1.0	+3.5	+39	+72	+97	+68	+17
42%	31%	54%	71%	65%	65%	64%	58%	48%

FERTILITY		CARCASS						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Docility
+3.5	-5.0	+62	+2.3	+1.8	+2.4	-0.9	+2.6	-1
76%	34%	53%	47%	52%	57%	50%	50%	46%

STRUCTURAL ASSESSMENT						1-Jul-19	Temp.
7	6	7	6	5	6	4	38
							I

\$INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
Supermarket	Grass Fed	Grain Fed	EU Index		Mid	C+		Eye Pigment
\$137	\$136	\$187	\$151					100/100

Purchaser _____

Price _____



Pen No. 7 (Growth Bulls)

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

- Displays soft coat, 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



Jun 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
+5.0	+2.2	-2.1	+5.6	+41	+66	+97	+88	+18
42%	36%	57%	73%	67%	67%	70%	62%	53%

FERTILITY		CARCASE						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Docility
+4.1	-5.8	+69	+4.9	+1.2	+1.9	+1.4	+0.7	-9
77%	39%	57%	49%	54%	58%	52%	52%	50%

STRUCTURAL ASSESSMENT						1-Jul-19	Temp.
6	6	5	6	5	5	4	1-Jul-19 43
							1

INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
Supermarket	Grass Fed	Grain Fed	EU Index					Eye Pigment
\$138	\$134	\$155	\$154	Ph Hetz.	Mid	C+		25/100
							3	

Purchaser _____

Price _____



Pen No. 7 (Growth Bulls)

Birth Date: 2-Sep-17
 Society ID: WNAN432
 Horn/Scurs/Poll: P

- New Sire line out of a nice uddered Donor cow
- This is a very well put-together & attractive bull showing good growth
- Combines top 10% muscle (EMA) with top 5% marbling (IMF%)
- Ideal for grassfed or grainfed markets with high \$Index. The EBV for profit!

OKAWA BENNETT 01076

┌ OKAWA LAIDLAW 4156
 OKAWA AMETHYST S46

Sire: **MONYMUSK EIFFEL TOWER 090140 (IMP NZL)**
 MONYMUSK TYPHOON 03 0041

┌ MONYMUSK LEONORA 050091
 MONYMUSK LEONORA 03 0008

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



Jun 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
+5.5	+5.2	-0.3	+4.6	+36	+66	+91	+84	+11
55%	50%	68%	75%	70%	70%	70%	66%	61%

FERTILITY		CARCASS						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Docility
+1.9	-2.9	+64	+4.9	+1.1	+1.0	+0.9	+1.6	+10
78%	41%	61%	56%	59%	62%	57%	60%	50%

STRUCTURAL ASSESSMENT						1-Jul-19	Temp.	
Front 6	Back 6	Front 5	Back 6	5	5	4	1-Jul-19 37	I

\$INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
Supermarket	Grass Fed	Grain Fed	EU Index	PP	Mid	C+	4	Eye Pigment
\$125	\$122	\$155	\$140	Homz				100/100

Purchaser _____

Price _____



Pen No. 7 (Growth Bulls)

Birth Date: 1-Sep-17
 Society ID: WNAN436
 Horn/Scurs/Poll: S

- Panda eyed bull displaying width down the spine
- 400D growth ranks in top 5% from a below breed average BWT
- 3rd highest scan for IMF% (top 1%) for boosting carcass quality
- Grainfed \$Index is ranked in top 5% for all 2017 born Herefords

Scurs

SOUTH BUKALONG WALLACE 2

┌ WIRRUNA JAFFA J55
 WIRRUNA VICTORIA G92

Sire: WIRRUNA LAUNCESTON L396 (WNAL396)
 OKAWA MARSHALL 9178

└ WIRRUNA CORA J230
 WIRRUNA CORA E343

MATARIKI HOLY-SMOKE

┌ WIRRUNA JABBLE J21
 WIRRUNA VICTORIA G269

Dam: WIRRUNA MADAM L290 (WNAL290)
 WIRRUNA BENALLA

└ WIRRUNA MADAM E274
 WIRRUNA MADAM A18



Jun 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
-1.4	-1.4	-1.9	+4.1	+40	+72	+93	+60	+16
41%	30%	53%	71%	64%	64%	63%	57%	46%

FERTILITY		CARCASS						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Docility
+1.8	-3.8	+66	+3.4	+1.7	+2.2	+0.0	+2.2	-3
75%	35%	52%	47%	51%	56%	49%	49%	45%

STRUCTURAL ASSESSMENT						1-Jul-19	Temp.
6	6	6	7	5	5	4	38
							2

\$INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
Supermarket	Grass Fed	Grain Fed	EU Index	Ph	Mid	C		Eye Pigment
\$122	\$121	\$164	\$134	Hetz.			4	100/100

Purchaser _____

Price _____



Pen No. 7 (Growth Bulls)

Birth Date: 3-Sep-17
 Society ID: WNaN453
 Horn/Scurs/Poll: P

- Attractive & long bull with a B- muscling
- I like the natural doing-ability, early growth & carcass in this Anzac son
- 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'

ALLEDALE PUNTER 3

┌ ALLEDALE YACKA
 ALLEDALE FLORRIE Z33

Sire: ALLEDALE ANZAC E114 (AEDE114)

ALLEDALE NATIONAL W168

┌ ALLEDALE DAWN B22 (AI) (ET)
 ALLEDALE 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



Jun 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
-1.4	+0.5	-1.6	+5.9	+46	+70	+98	+80	+18
54%	48%	66%	74%	70%	69%	69%	64%	61%

FERTILITY		CARCASS						Docility
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Docility
+3.2	-2.9	+72	+6.6	+1.6	+2.2	+0.3	+2.2	+18
77%	42%	61%	56%	59%	63%	57%	60%	58%

STRUCTURAL ASSESSMENT						1-Jul-19	Temp.
6	6	6	6	5	5	3	43
							1-Jul-19
							I

INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
Supermarket	Grass Fed	Grain Fed	EU Index					Eye Pigment
\$124	\$122	\$162	\$137	Ph Hetz	Mid	B-	3	100/100

Purchaser _____

Price _____



Pen No. 7 (Growth Bulls)

Birth Date: 6-Sep-17
 Society ID: WNAN501
 Horn/Scurs/Poll: P

- Good-headed & easy-finishing bull with loads of capacity
- Strong early growth traits - 200D & 400D growth in top 10% of breed
- Highest scan in group for fats reflected in top 1% Rib & Rump Fat EBVs
- Top 5% Grainfed \$Index genetics - Exceptional top 1% marbling

ARDO HUSTLER 4110 (IMP)

┌ TOBRUK JEDI
 PINE HILL MARITANA A619

Sire: WIRRUNA LAWTON L166 (WNAL166)

SOUTH BUKALONG SHANNON 40

┌ PINE HILL SIRIKIT D579
 PINE HILL SIRIKIT B643

CAPETHORNE HOT SHOT 03 22

┌ MATARIKI HOLY-SMOKE
 MATARIKI GIRLIE 00323

Dam: WIRRUNA FLORA L189 (WNAL189)

WIRRUNA VICKERY (S)

┌ WIRRUNA FLORA E43
 WIRRUNA FLORA C178



Jun 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
-2.2	+2.0	+0.5	+4.8	+40	+68	+92	+60	+16
45%	37%	60%	70%	65%	65%	64%	57%	47%

FERTILITY		CARCASS						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Docility
+1.0	-2.9	+65	+5.8	+2.5	+3.4	-0.1	+2.3	+16
75%	35%	53%	48%	52%	56%	50%	50%	46%

STRUCTURAL ASSESSMENT						1-Jul-19	Temp.
6	7	6	7	5	5	4	37
							I

\$INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
Supermarket	Grass Fed	Grain Fed	EU Index	PP Homz.	Mid	C+		Eye Pigment
\$122	\$122	\$164	\$132					100/100

Purchaser _____

Price _____



Pen No. 7 (Growth Bulls)

Birth Date: 12-Sep-17
 Society ID: WNAN540
 Horn/Scurs/Poll: P

- Dark-red Lance son with large-barrelled body
- Shows good early growth - 200D EBV in top 5% of breed
- Great carcase - top 5% marbling, muscling & carcase weight to boost MSA index
- Independently assessed for structural soundness with good report card

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

┌ WIRRUNA FORT F382
 WIRRUNA HOT STUFF H356
 WIRRUNA GOLDEN VANITY F378

Dam: **WIRRUNA FLORA L581 (WNAL581)**

┌ WIRRUNA ECHUCA E99
 WIRRUNA FLORA G275
 WIRRUNA FLORA D292



Jun 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
+0.1	+1.6	-4.4	+4.4	+45	+69	+96	+66	+16
45%	34%	58%	72%	66%	65%	64%	58%	49%

FERTILITY		CARCASE						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Docility
+1.5	-2.4	+69	+5.8	+0.7	+0.7	+1.6	+1.4	-3
76%	37%	53%	48%	52%	56%	50%	50%	51%

STRUCTURAL ASSESSMENT						1-Jul-19	Temp.	
Front	Back	Front	Back	5	5	3	1-Jul-19 37	I
6	6	5	5	5	5	3	37	I

INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
Supermarket	Grass Fed	Grain Fed	EU Index	PP	<i>Mid</i>	C+	4	Eye Pigment
\$123	\$120	\$151	\$136	<i>Homz</i>				100/100

Purchaser _____

Price _____



Pen No. 7 (Growth Bulls)

Birth Date: 16-Sep-17
 Society ID: WNAN555
 Horn/Scurs/Poll: P

- Dark-red & good-butted growth bull by Lot 7
- Boost growth & carcass in progeny with top 1% 400D, 600D & CWT EBVs
- Also offers strong maternal (top 20% Milk) & docility (top 10% Doc) attributes
- Profit potential indicated by top 5% Supermarket, Grass fed & EU \$Indices

ALLEDALE YACKA
 ┌ ALLEDALE ANZAC E114
 ALLEDALE DAWN B22 (AI) (ET)
 Sire: WIRRUNA LENNON L102 (WNAL102)
 WIRRUNA CALLAN C26
 ┌ WIRRUNA MADAM H55
 WIRRUNA MADAM E226

OTAPAWA SPARK 3060 (IMP)
 ┌ MOUNT DIFFICULT HACKWILL H6
 MOUNT DIFFICULT PETAL D145
 Dam: MOUNT DIFFICULT LETITIA K35 (MTTK35)
 MOUNT DIFFICULT CADBURY
 ┌ MOUNT DIFFICULT LETITIA H93
 MOUNT DIFFICULT LETITIA A49



Jun 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
+3.9	+4.6	-3.2	+5.2	+46	+80	+107	+102	+19
39%	33%	58%	71%	65%	64%	63%	57%	48%

FERTILITY		CARCASS						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Docility
+2.8	-2.9	+77	+6.1	+0.4	+0.4	+1.5	+0.8	+14
76%	33%	52%	47%	51%	55%	49%	48%	45%

STRUCTURAL ASSESSMENT						1-Jul-19	Temp.
6	6	5	5	5	5	3	39
							2

INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
Supermarket	Grass Fed	Grain Fed	EU Index	PP	<i>Mid</i>	C+		Eye Pigment
\$133	\$127	\$147	\$146	<i>Homz.</i>			4	100/100

Purchaser _____

Price _____



Pen No. 7 (Growth Bulls)

Birth Date: 17-Sep-17
 Society ID: WNAN559
 Horn/Scurs/Poll: P

- A growthy, docile & well-fleshed bull
- Curve-bending growth - top 5% 400D growth from a low BWT & top 10% CE base
- Combines top 15% muscle with top 5% marbling for improving MSA index
- Favourable scores for foot & leg structure plus Homozygous Polled

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

Easy-calve

KOANUI ROCKET Q334

KOANUI ROCKET 0219

KOANUI ANGEL R187

Dam: WIRRUNA MADAM F145 (WNAF145)

QUAMBY PLAINS STOCKMASTER Y118

WIRRUNA MADAM C253

WIRRUNA MADAM W121



Jun 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
+9.1	+6.1	-1.3	+3.6	+36	+71	+95	+89	+16
45%	40%	61%	72%	67%	67%	66%	60%	55%

FERTILITY		CARCASS						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Docility
+3.7	-3.6	+71	+4.8	+1.4	+2.2	+0.4	+1.4	+6
77%	43%	56%	52%	55%	59%	53%	54%	51%

STRUCTURAL ASSESSMENT						1-Jul-19	Temp.
6	6	5	5	5	5	4	1-Jul-19 40
							2

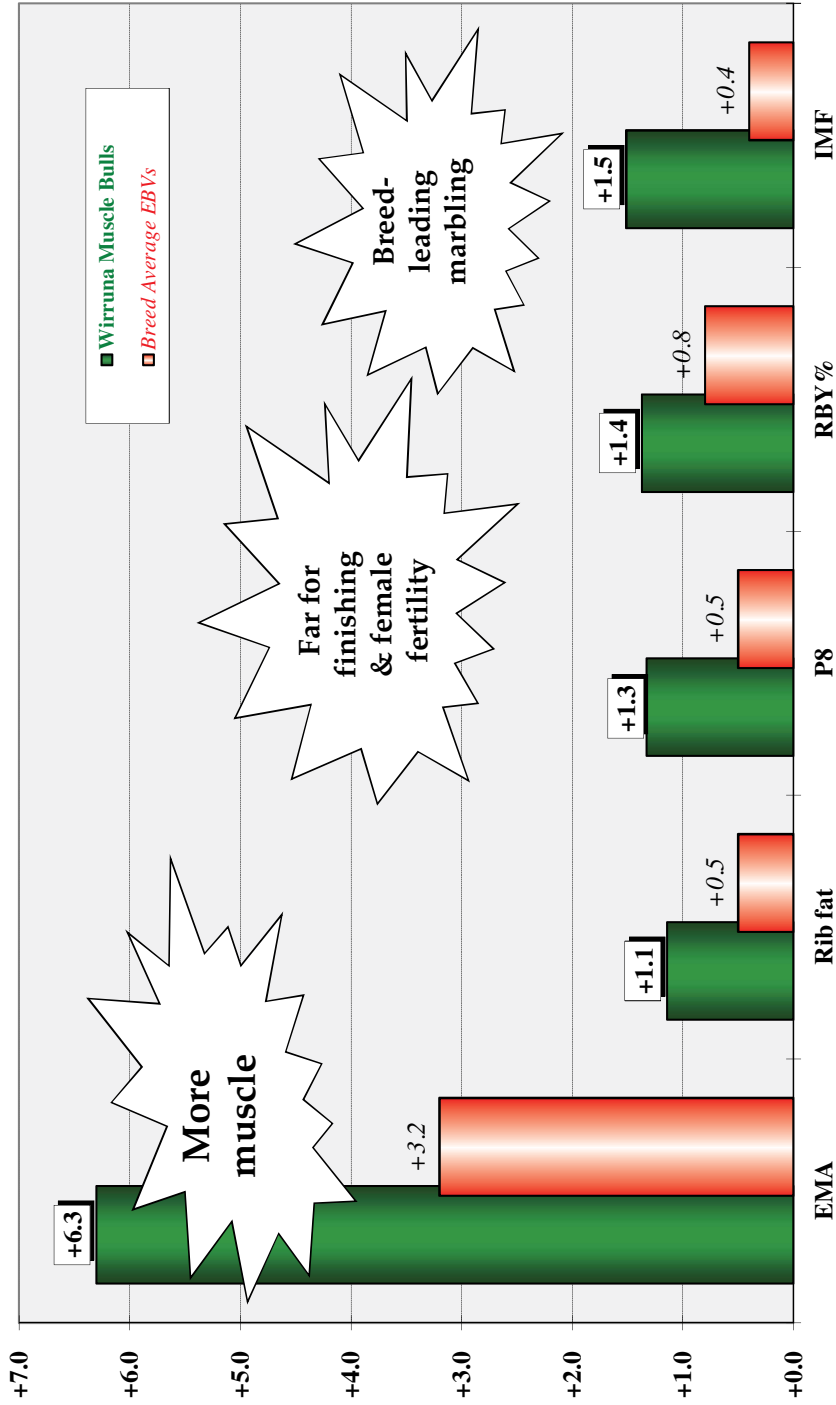
INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
Supermarket	Grass Fed	Grain Fed	EU Index	PP Homz	<i>Mid</i>	C+		Eye Pigment
\$136	\$133	\$161	\$149					3

Purchaser _____

Price _____

COMPARISON OF CARCASS EBV's
Muscle Bulls vs Overall Breed Average

EBV





Pen No. 10 (Muscle Bulls)

Birth Date: 1-Aug-17
 Society ID: WNAN004
 Horn/Scurs/Poll: S

- Upstanding Katnook son for lifting carcasse attributes
- Combines that rare combination - Top 1% EMA & RBY% with top 5% IMF%
- Top 5% \$Index ranking for Grainfed market production systems
- I like the length, width & presence of this fellow

Twin, Scurs

QUAMBY PLAINS STOCKMASTER Y118

┌ WIRRUNA FLETCHER F214
 └ WIRRUNA LAST DAY B16 (H)

Sire: WIRRUNA KATNOOK K74 (WNAK74)

WIRRUNA DAFFY D1

┌ WIRRUNA VICTORIA G7
 └ WIRRUNA VICTORIA E112

WIRRUNA DAFFY D1

┌ WIRRUNA HIGH LEVEL H236
 └ MOUNT DIFFICULT LAST DAY B35

Dam: WIRRUNA LAST DAY K293 (WNAK293)

ELITE 4110 E212

┌ WIRRUNA LAST DAY H88
 └ WIRRUNA LAST DAY E163



Jun 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
-0.4	+2.4	-2.9	+6.3	+41	+56	+82	+68	+12
46%	35%	66%	74%	68%	68%	69%	62%	52%

FERTILITY		CARCASS						Docility
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBY (%)	IMF (%)	
+2.2	-3.6	+58	+7.1	+0.5	+0.0	+2.4	+1.8	+1
77%	38%	60%	54%	58%	61%	53%	59%	53%

STRUCTURAL ASSESSMENT						1-Jul-19	Temp.
7	5	6	6	5	5	4	38
							2

\$INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
Supermarket	Grass Fed	Grain Fed	EU Index	Ph Hetz	Mid	C+		Eye Pigment
\$115	\$114	\$153	\$137					4

Purchaser _____

Price _____



Pen No. 10 (Muscle Bulls)

Birth Date: 5-Aug-17
 Society ID: WNaN014
 Horn/Scurs/Poll: P

- A shapely early maturity bull by Anzac
- Pulls together carcass quality & quantity traits (Top 5% IMF% EMA)
- Maturity, marbling & fat traits suiting domestic grassfed vealer markets
- Docile nature supported by top 5% ranking for DOC EBV

Easy-calve

ALLEDALE PUNTER 3
 ┌ ALLEDALE YACKA
 ALLEDALE FLORRIE Z33
 Sire: ALLEDALE ANZAC E114 (AEDE114)
 ALLEDALE NATIONAL W168
 ┌ ALLEDALE DAWN B22 (AI) (ET)
 ALLEDALE DAWN T60 (AI)
 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



Jun 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
+4.6	+2.6	-3.1	+1.8	+34	+52	+74	+49	+17
56%	50%	68%	74%	70%	70%	70%	66%	63%

FERTILITY		CARCASS							
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Docility	
+3.0	-2.6	+61	+6.4	+1.5	+1.9	+0.8	+1.6	+16	
70%	44%	62%	56%	60%	63%	56%	61%	59%	

STRUCTURAL ASSESSMENT						1-Jul-19	Temp.	
Front 7	Back 5	Front 7	Back 6	5	5	4	1-Jul-19 41	2

INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
Supermarket	Grass Fed	Grain Fed	EU Index	PP Homz	Early	C+	4	Eye Pigment
\$117	\$118	\$148	\$130					100/100

Purchaser _____

Price _____



Pen No. 10 (Muscle Bulls)

Birth Date: 11-Aug-17
 Society ID: WNAN084
 Horn/Scurs/Poll: P

- Fort son showing strong spine & body-depth
- Scanned well for EMA with top 10% rankings for muscle & yield EBVs
- Carries calving ease traits including lighter BWT & short gestation length
- A genetic dehorner with top 5% \$Index for strong profit potential

Easy-calve

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

OTAPAWA SPARK 3060 (IMP)
 ┌ WIRRUNA JEANS J134
 WIRRUNA CORA C394

Dam: **WIRRUNA MADAM L263 (WNAL263)**

VALMA MERCHANT
 ┌ WIRRUNA MADAM H8 (H)
 WIRRUNA MADAM E325



Jun 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
+6.4	+7.0	-4.6	+4.0	+34	+53	+81	+56	+16
52%	45%	75%	74%	69%	69%	68%	64%	60%

FERTILITY		CARCASE						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Docility
+1.5	-3.8	+60	+5.3	+0.9	+1.5	+1.7	+1.0	-7
78%	44%	59%	54%	58%	61%	56%	58%	56%

STRUCTURAL ASSESSMENT						1-Jul-19	Temp.
6	6	6	6	5	5	4	37
							2

\$INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
Supermarket	Grass Fed	Grain Fed	EU Index	PP Homz	<i>Mid</i>	C+		Eye Pigment
\$127	\$127	\$153	\$143					4

Purchaser _____

Price _____



Pen No. 10 (Muscle Bulls)

Birth Date: 12-Aug-17
 Society ID: WNAN131
 Horn/Scurs/Poll: P

- A 'Star Lot' Anzac son with easy-fleshing ability
- One of the highest marbling bulls going around - IMF% EBV = +2.9
- High-end EMA & IMF% scans - combines carcass quality with muscle content
- Out of respected Donor cow to give good profit potential via top 5% \$Indices

'Star Lot'

Easy-calve

ALLEDALE PUNTER 3
 ┌ ALLEDALE YACKA
 ALLEDALE FLORRIE Z33
 Sire: ALLEDALE ANZAC E114 (AEDE114)
 ALLEDALE NATIONAL W168
 ┌ ALLEDALE DAWN B22 (AI) (ET)
 ALLEDALE DAWN T60 (AI)

 MARKOWEN INTRUDER
 ┌ WIRRUNA CANDIDATE C118
 WIRRUNA FLORA Z267
 Dam: WIRRUNA CORA E319 (WNAE319)
 MOUNT DIFFICULT FELLIS Y12 (AI)
 ┌ WIRRUNA CORA B38
 WIRRUNA CORA U68



Jun 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
+7.9	+1.0	-1.6	+2.9	+31	+56	+77	+51	+15
57%	50%	67%	75%	71%	71%	72%	67%	65%

FERTILITY		CARCASS						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Docility
+2.9	-3.3	+59	+7.1	+2.2	+3.0	-0.2	+2.9	+15
79%	45%	63%	58%	61%	64%	59%	62%	61%

STRUCTURAL ASSESSMENT						1-Jul-19	Temp.
6	6	5	6	5	5	3	43
							2

INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
Supermarket	Grass Fed	Grain Fed	EU Index	PP Homz	Mid	C+		Eye Pigment
\$128	\$131	\$183	\$144					100/100

Purchaser _____

Price _____



Pen No. 10 (Muscle Bulls)

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

- Well fleshed Anzac with dark red coat
- Good 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

Easy-calve

ALLEDALE PUNTER 3
 ┌ ALLEDALE YACKA
 ALLEDALE FLORRIE Z33
 Sire: ALLEDALE ANZAC E114 (AEDE114)
 ALLEDALE NATIONAL W168
 ┌ ALLEDALE DAWN B22 (AI) (ET)
 ALLEDALE DAWN T60 (AI)

 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



Jun 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
+5.8	+2.4	-3.5	+1.2	+29	+44	+55	+35	+18
55%	50%	76%	75%	71%	71%	74%	68%	63%

FERTILITY		CARCASE						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Docility
+1.9	-4.2	+49	+5.0	+1.6	+1.9	+0.3	+1.9	+8
78%	44%	63%	57%	60%	64%	59%	60%	58%

STRUCTURAL ASSESSMENT						1-Jul-19	Temp.
6	6	5	6	5	5	4	38
							2

\$INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
Supermarket	Grass Fed	Grain Fed	EU Index	PP Homz	Mid	C+		Eye Pigment
\$104	\$107	\$142	\$120					4

Purchaser _____

Price _____



Pen No. 10 (Muscle Bulls)

Birth Date: 21-Aug-17
 Society ID: WNAN306
 Horn/Scurs/Poll: P

- A long, deep & wide-set Bismarck son
- One of the better bulls for kg body-weight/kg birth-weight ratio
- Use to boost muscle & fat traits with top 5% breeding values
- Consider his excellent genetics for calving ease & clean sheath

Easy-calve

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

CAPETHORNE HOT SHOT 03 22

┌ MATARIKI HOLY-SMOKE
 MATARIKI GIRLIE 00323

Dam: WIRRUNA RITA J104 (WNAJ104)

┌ WIRRUNA COMMANDER C68
 WIRRUNA RITA E281
 WIRRUNA RITA C282



Jun 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
+9.4	+1.6	-1.5	+0.6	+29	+57	+72	+52	+16
50%	41%	76%	74%	69%	69%	68%	62%	54%

FERTILITY		CARCASS						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Docility
+0.8	-5.1	+64	+6.0	+1.7	+2.3	+1.0	+1.3	+12
78%	42%	58%	53%	56%	60%	54%	56%	52%

STRUCTURAL ASSESSMENT						1-Jul-19	Temp.
6	6	6	6	5	5	4	36
							1

INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
Supermarket	Grass Fed	Grain Fed	EU Index					Eye Pigment
\$123	\$124	\$151	\$138	PP	<i>Mid</i>	C+	3	100/100
				<i>Homz</i>				

Purchaser _____

Price _____



Pen No. 10 (Muscle Bulls)

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

- A nuggety X51 son with top 5% profit traits
- Amongst 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 carcass 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

Easy-calve



Jun 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	+4.5	-0.8	+2.7	+37	+60	+85	+62	+13
47%	38%	75%	74%	70%	70%	72%	65%	59%

FERTILITY		CARCASS						Docility
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBY (%)	IMF (%)	
+2.0	-3.1	+71	+8.9	+0.9	+0.8	+2.2	+1.6	-4
78%	39%	60%	53%	57%	60%	53%	56%	56%

STRUCTURAL ASSESSMENT						1-Jul-19	Temp.
6	6	5	6	5	6	4	41
							2

INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
Supermarket	Grass Fed	Grain Fed	EU Index	Ph	Mid	C+		Eye Pigment
\$135	\$135	\$170	\$153	Hetz.			3	75/100

Purchaser _____

Price _____



Pen No. 10 (Muscle Bulls)

Birth Date: 23-Aug-17
 Society ID: WNAN317
 Horn/Scurs/Poll: P

- Well-grown Anzac son with great muscle conformation
- Ideal carcass combining quality (top 1% IMF%) & quantity (top 20% EMA)
- Features excellent Docility with top 1% DOC EBV
- Large scrotal size & positive fat also assists with fertility of replacements

ALLEDALE PUNTER 3
 ┌ ALLEDALE YACKA
 ALLEDALE FLORRIE Z33
 Sire: ALLEDALE ANZAC E114 (AEDE114)
 ALLEDALE NATIONAL W168
 └ ALLEDALE DAWN B22 (AI) (ET)
 ALLEDALE DAWN T60 (AI)

 ALLEDALE NATIONAL W168
 ┌ WIRRUNA DAVE D101
 WIRRUNA TIGRESS A27
 Dam: WIRRUNA LAST DAY G457 (WNAG457)
 KOANUI ROCKET 0219
 └ WIRRUNA LAST DAY B140
 WIRRUNA LAST DAY S102



Jun 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
+0.0	+0.4	+0.1	+4.5	+41	+61	+83	+66	+17
56%	51%	77%	75%	71%	71%	71%	67%	65%

FERTILITY		CARCASS						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Docility
+2.9	-0.8	+60	+4.4	+1.5	+2.4	-0.5	+1.9	+20
79%	45%	63%	58%	61%	65%	60%	62%	58%

STRUCTURAL ASSESSMENT						1-Jul-19	Temp.
6	6	5	6	6	6	3	41
							1

\$INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
Supermarket	Grass Fed	Grain Fed	EU Index	PP Homz	Mid	B-		Eye Pigment
\$101	\$99	\$129	\$108					100/100

Purchaser _____

Price _____







Spring Sale 2019 - Wirruna Poll Herefords

Summary of Performance Information

LotNo	Animal Tag	Sire	CALVING EASE				GROWTH/MATERIAL				FERTILITY				CARCASS DATA EBVs				MUSCLE SCORE	SINDEK VALUE								
			CE (D)	CE (H)	Gen Length	Birth Weight	20 Day Growth	30 Day Growth	60 Day Weight	Maternal Weight	Genetic Weight	Genetic Milk	Survival	Dispos	RFI	RFI (Gen)	RFI (E)	RFI (M)		RFI (C)	RFI (S)	RFI (F)	RFI (B)	RFI (D)				
1	N012	ALLENDALE ANZAC E114	+6.5	+3.3	-3.4	+5.4	+51	+86	+122	+111	+17	+3.9	-0.2	43	+85	+5.6	+0.9	+0.8	-0.1	-2.9	+18	C+	\$147	\$142	\$191	\$158	1	(Wirruna Sires)
2	N068	ALLENDALE ANZAC E114	+6.6	+0.6	-1.8	+4.8	+39	+74	+100	+78	+16	+4.0	-3.8	43	+72	+7.1	+1.5	+2.0	+0.7	+2.0	+15	C+	\$143	\$142	\$184	\$160	1	(Wirruna Sires)
3	N184	WIRRUNA KATNOOK K74	+0.7	+2.9	-2.8	+4.7	+38	+59	+79	+49	+16	+4.2	-4.5	43	+60	+7.7	+0.9	+0.7	+1.7	+2.3	+3	B-	\$125	\$126	\$177	\$148	1	(Wirruna Sires)
4	N382	WIRRUNA LEGS L108	+4.4	+3.0	-4.1	+5.3	+49	+87	+117	+99	+18	+4.4	-4.2	41	+87	+6.1	+1.1	+1.1	+1.2	+1.5	+9	C+	\$155	\$150	\$185	\$171	1	(Wirruna Sires)
5	N383	WIRRUNA LEGS L108	+8.5	+5.2	-3.3	+1.7	+37	+76	+100	+87	+16	+3.9	-5.2	39	+79	+5.3	+1.5	+1.8	+0.9	+1.8	-1	C+	\$153	\$151	\$188	\$170	1	(Wirruna Sires)
6	N512	WIRRUNA KALINNA K326	+4.6	+4.8	-2.4	+3.4	+36	+62	+79	+48	+16	+3.4	-5.4	42	+61	+5.1	+2.4	+2.6	+0.3	+2.2	-12	C	\$135	\$137	\$183	\$153	1	(Wirruna Sires)
7	L102	ALLENDALE ANZAC E114	-0.1	+0.6	-1.2	+5.8	+42	+74	+98	+81	+14	+3.5	-1.6	41	+71	+8.2	+1.2	+1.7	+1.5	+1.3	+17	B-	\$122	\$119	\$147	\$134	1	(Wirruna Sires)
8	N043	ALLENDALE ANZAC E114	+0.1	-0.3	-0.4	+6.1	+45	+77	+107	+84	+20	+2.9	-2.3	39	+70	+4.9	+1.4	+2.1	+0.2	+1.9	+14	C+	\$129	\$124	\$161	\$138	7	(Growth Bulls)
9	N092	MOUNT DIFFICULT CADBURY	+9.4	+5.9	-3.4	+5.1	+43	+76	+102	+107	+11	+5.0	-4.0	39	+74	+4.2	+1.3	+1.8	+0.9	+0.9	+17	C+	\$136	\$131	\$150	\$149	7	(Growth Bulls)
10	N094	WIRRUNA FLETCHER F214	+6.2	+6.6	-6.0	+4.9	+48	+76	+105	+88	+17	+1.6	-5.5	38	+78	+5.9	+0.2	-0.6	+1.5	+1.6	-10	C+	\$148	\$145	\$184	\$169	7	(Growth Bulls)
11	N170	ALLENDALE ANZAC E114	+3.2	+3.5	-3.0	+7.0	+51	+84	+117	+94	+22	+5.0	-4.6	43	+80	+6.1	+1.0	+0.7	+0.4	+2.4	+14	C+	\$155	\$151	\$203	\$173	7	(Growth Bulls)
12	N229	ALLENDALE ANZAC E114	+6.0	+3.5	-1.7	+3.1	+44	+72	+101	+88	+20	+1.3	+0.9	39	+79	+5.8	+1.5	+2.3	+0.3	+1.6	+20	C+	\$124	\$120	\$142	\$127	7	(Growth Bulls)
13	N243	WIRRUNA FORT F382	-2.8	+0.2	-1.4	+7.0	+48	+73	+105	+85	+15	+2.7	-3.5	39	+68	+2.6	+0.7	+0.9	+0.6	+1.2	+13	C	\$117	\$111	\$140	\$129	7	(Growth Bulls)
14	N315	KCF BENNETT REVOLUTION X51	+6.2	+3.3	+1.0	+4.3	+44	+66	+92	+67	+21	+2.4	-4.9	40	+68	+5.6	+1.4	+1.6	+1.1	+0.5	+5	C+	\$132	\$129	\$148	\$146	7	(Growth Bulls)
15	N359	WIRRUNA LANCE L74	-1.6	+1.6	-3.6	+4.0	+39	+70	+95	+68	+21	+2.9	-5.8	40	+68	+4.2	+0.9	+0.6	+0.7	+1.8	-11	C+	\$129	\$126	\$169	\$146	7	(Growth Bulls)
16	N376	WIRRUNA LAUNCESTON L396	+3.7	-0.9	+1.0	+3.5	+39	+72	+97	+68	+17	+3.5	-5.0	38	+62	+2.3	+1.8	+2.4	-0.9	+2.6	-1	C+	\$137	\$136	\$187	\$151	7	(Growth Bulls)
17	N395	WIRRUNA KANE K18	+5.0	+2.2	-2.1	+5.6	+41	+66	+97	+88	+18	+4.1	-5.8	43	+69	+4.9	+1.2	+1.9	+1.4	+0.7	-9	C+	\$138	\$134	\$155	\$154	7	(Growth Bulls)
18	N432	MONYMUSK EFFEEL TOWER 090140	+5.5	+5.2	-0.3	+4.6	+36	+66	+91	+84	+11	+1.9	-2.9	37	+64	+4.9	+1.1	+1.0	+0.9	+1.6	+10	C+	\$125	\$122	\$155	\$140	7	(Growth Bulls)
19	N436	WIRRUNA LAUNCESTON L396	-1.4	-1.4	-1.9	+4.1	+40	+72	+93	+60	+16	+1.8	-3.8	38	+66	+3.4	+1.7	+2.2	+0.0	+2.2	-3	C	\$122	\$121	\$164	\$134	7	(Growth Bulls)
20	N453	ALLENDALE ANZAC E114	-1.4	+0.5	-1.6	+5.9	+46	+70	+98	+80	+18	+3.2	-2.9	43	+72	+6.6	+1.6	+2.2	+0.3	+2.2	+18	B-	\$124	\$122	\$162	\$137	7	(Growth Bulls)
21	N501	WIRRUNA LAWTON L166	-2.2	+2.0	+0.5	+4.8	+40	+68	+92	+60	+16	+1.0	-2.9	37	+65	+5.8	+2.5	+3.4	-0.1	+2.3	+16	C+	\$122	\$122	\$164	\$132	7	(Growth Bulls)
22	N540	WIRRUNA LANCE L74	+0.1	+1.6	-4.4	+4.4	+45	+69	+96	+66	+16	+1.5	-2.4	37	+69	+5.8	+0.7	+0.7	+1.6	+1.4	-3	C+	\$123	\$120	\$151	\$136	7	(Growth Bulls)
23	N555	WIRRUNA LENNON L102	+3.9	+4.6	-3.2	+5.2	+46	+80	+107	+102	+19	+2.8	-2.9	39	+77	+6.1	+0.4	+0.4	+1.5	+0.5	+14	C+	\$133	\$127	\$147	\$146	7	(Growth Bulls)
24	N559	WIRRUNA KANE K18	+9.1	+6.1	-1.3	+3.6	+36	+71	+95	+89	+16	+3.7	-3.6	40	+71	+4.8	+1.4	+2.2	+0.4	+1.4	+6	C+	\$136	\$133	\$161	\$149	7	(Growth Bulls)
25	N004	WIRRUNA KATNOOK K74	-0.4	+2.4	-2.9	+6.3	+41	+56	+82	+68	+12	+2.2	-3.6	38	+58	+7.1	+0.5	+0.0	+2.4	+1.8	+1	C+	\$115	\$114	\$153	\$137	10	(Muscle Bulls)
26	N014	ALLENDALE ANZAC E114	+4.6	+2.6	-3.1	+1.8	+34	+52	+74	+49	+17	+3.0	-2.6	41	+61	+6.4	+1.5	+1.9	+0.8	+1.6	+16	C+	\$117	\$118	\$148	\$130	10	(Muscle Bulls)
27	N084	WIRRUNA FORT F382	+6.4	+7.0	-4.6	+4.0	+34	+53	+81	+56	+16	+1.5	-3.8	37	+60	+5.3	+0.9	+1.5	+1.7	+1.0	-7	C+	\$127	\$127	\$153	\$143	10	(Muscle Bulls)
28	N131	ALLENDALE ANZAC E114	+7.9	+1.0	-1.6	+2.9	+31	+56	+77	+51	+15	+2.9	-3.3	43	+59	+7.1	+2.2	+3.0	-0.2	+2.9	+15	C+	\$128	\$131	\$183	\$144	10	(Muscle Bulls)
			+1.0	+1.2	-0.3	+4.4	+33	+54	+77	+68	+16	+2.0	-2.6	40	+50	+3.2	+0.5	+0.5	+0.8	+0.4	+2	C+	\$97	\$93	\$95	\$97		
			+5.7	+4.0	-1.6	+2.8	+38	+62	+89	+83	+19	+2.6	-3.9	40	+59	+4.2	+1.1	+1.4	+1.4	+0.8	+10	C+	\$106	\$102	\$122	\$139		Value Highlight: Bonus in top 20%
			+9.8	+6.5	-3.3	+0.9	+43	+70	+101	+96	+22	+3.2	-5.0	40	+68	+5.5	+1.7	+2.3	+1.9	+1.4	+16	C+	+\$125	\$123	\$150	\$139		Black Highlight: Bonus in top 5%

Breed Ave. '17 drop

Top 20% of breed '17 drop

Top 5% of breed '17 drop



Spring Sale 2019 - Wirruna Poll Herefords

Summary of Performance Information

Lot No	Animal Tag	Sire	CALVING EASE				GROWTH MATURITY				FERTILITY				CARCASS DATA EBVs				MUSCLE				SUMMARY OF PERFORMANCE INFORMATION																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
			CE (D)	CE (D)	Gen Length (cm)	Birth Weight (kg)	20 Day Weight (kg)	60 Day Weight (kg)	120 Day Weight (kg)	180 Day Weight (kg)	300 Day Weight (kg)	400 Day Weight (kg)	500 Day Weight (kg)	600 Day Weight (kg)	700 Day Weight (kg)	800 Day Weight (kg)	900 Day Weight (kg)	1000 Day Weight (kg)	1200 Day Weight (kg)	1400 Day Weight (kg)	1600 Day Weight (kg)	1800 Day Weight (kg)	2000 Day Weight (kg)	2200 Day Weight (kg)	2400 Day Weight (kg)	2600 Day Weight (kg)	2800 Day Weight (kg)	3000 Day Weight (kg)	3200 Day Weight (kg)	3400 Day Weight (kg)	3600 Day Weight (kg)	3800 Day Weight (kg)	4000 Day Weight (kg)	4200 Day Weight (kg)	4400 Day Weight (kg)	4600 Day Weight (kg)	4800 Day Weight (kg)	5000 Day Weight (kg)	5200 Day Weight (kg)	5400 Day Weight (kg)	5600 Day Weight (kg)	5800 Day Weight (kg)	6000 Day Weight (kg)	6200 Day Weight (kg)	6400 Day Weight (kg)	6600 Day Weight (kg)	6800 Day Weight (kg)	7000 Day Weight (kg)	7200 Day Weight (kg)	7400 Day Weight (kg)	7600 Day Weight (kg)	7800 Day Weight (kg)	8000 Day Weight (kg)	8200 Day Weight (kg)	8400 Day Weight (kg)	8600 Day Weight (kg)	8800 Day Weight (kg)	9000 Day Weight (kg)	9200 Day Weight (kg)	9400 Day Weight (kg)	9600 Day Weight (kg)	9800 Day Weight (kg)	10000 Day Weight (kg)	10200 Day Weight (kg)	10400 Day Weight (kg)	10600 Day Weight (kg)	10800 Day Weight (kg)	11000 Day Weight (kg)	11200 Day Weight (kg)	11400 Day Weight (kg)	11600 Day Weight (kg)	11800 Day Weight (kg)	12000 Day Weight (kg)	12200 Day Weight (kg)	12400 Day Weight (kg)	12600 Day Weight (kg)	12800 Day Weight (kg)	13000 Day Weight (kg)	13200 Day Weight (kg)	13400 Day Weight (kg)	13600 Day Weight (kg)	13800 Day Weight (kg)	14000 Day Weight (kg)	14200 Day Weight (kg)	14400 Day Weight (kg)	14600 Day Weight (kg)	14800 Day Weight (kg)	15000 Day Weight (kg)	15200 Day Weight (kg)	15400 Day Weight (kg)	15600 Day Weight (kg)	15800 Day Weight (kg)	16000 Day Weight (kg)	16200 Day Weight (kg)	16400 Day Weight (kg)	16600 Day Weight (kg)	16800 Day Weight (kg)	17000 Day Weight (kg)	17200 Day Weight (kg)	17400 Day Weight (kg)	17600 Day Weight (kg)	17800 Day Weight (kg)	18000 Day Weight (kg)	18200 Day Weight (kg)	18400 Day Weight (kg)	18600 Day Weight (kg)	18800 Day Weight (kg)	19000 Day Weight (kg)	19200 Day Weight (kg)	19400 Day Weight (kg)	19600 Day Weight (kg)	19800 Day Weight (kg)	20000 Day Weight (kg)	20200 Day Weight (kg)	20400 Day Weight (kg)	20600 Day Weight (kg)	20800 Day Weight (kg)	21000 Day Weight (kg)	21200 Day Weight (kg)	21400 Day Weight (kg)	21600 Day Weight (kg)	21800 Day Weight (kg)	22000 Day Weight (kg)	22200 Day Weight (kg)	22400 Day Weight (kg)	22600 Day Weight (kg)	22800 Day Weight (kg)	23000 Day Weight (kg)	23200 Day Weight (kg)	23400 Day Weight (kg)	23600 Day Weight (kg)	23800 Day Weight (kg)	24000 Day Weight (kg)	24200 Day Weight (kg)	24400 Day Weight (kg)	24600 Day Weight (kg)	24800 Day Weight (kg)	25000 Day Weight (kg)	25200 Day Weight (kg)	25400 Day Weight (kg)	25600 Day Weight (kg)	25800 Day Weight (kg)	26000 Day Weight (kg)	26200 Day Weight (kg)	26400 Day Weight (kg)	26600 Day Weight (kg)	26800 Day Weight (kg)	27000 Day Weight (kg)	27200 Day Weight (kg)	27400 Day Weight (kg)	27600 Day Weight (kg)	27800 Day Weight (kg)	28000 Day Weight (kg)	28200 Day Weight (kg)	28400 Day Weight (kg)	28600 Day Weight (kg)	28800 Day Weight (kg)	29000 Day Weight (kg)	29200 Day Weight (kg)	29400 Day Weight (kg)	29600 Day Weight (kg)	29800 Day Weight (kg)	30000 Day Weight (kg)	30200 Day Weight (kg)	30400 Day Weight (kg)	30600 Day Weight (kg)	30800 Day Weight (kg)	31000 Day Weight (kg)	31200 Day Weight (kg)	31400 Day Weight (kg)	31600 Day Weight (kg)	31800 Day Weight (kg)	32000 Day Weight (kg)	32200 Day Weight (kg)	32400 Day Weight (kg)	32600 Day Weight (kg)	32800 Day Weight (kg)	33000 Day Weight (kg)	33200 Day Weight (kg)	33400 Day Weight (kg)	33600 Day Weight (kg)	33800 Day Weight (kg)	34000 Day Weight (kg)	34200 Day Weight (kg)	34400 Day Weight (kg)	34600 Day Weight (kg)	34800 Day Weight (kg)	35000 Day Weight (kg)	35200 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(kg)	44400 Day Weight (kg)	44600 Day Weight (kg)	44800 Day Weight (kg)	45000 Day Weight (kg)	45200 Day Weight (kg)	45400 Day Weight (kg)	45600 Day Weight (kg)	45800 Day Weight (kg)	46000 Day Weight (kg)	46200 Day Weight (kg)	46400 Day Weight (kg)	46600 Day Weight (kg)	46800 Day Weight (kg)	47000 Day Weight (kg)	47200 Day Weight (kg)	47400 Day Weight (kg)	47600 Day Weight (kg)	47800 Day Weight (kg)	48000 Day Weight (kg)	48200 Day Weight (kg)	48400 Day Weight (kg)	48600 Day Weight (kg)	48800 Day Weight (kg)	49000 Day Weight (kg)	49200 Day Weight (kg)	49400 Day Weight (kg)	49600 Day Weight (kg)	49800 Day Weight (kg)	50000 Day Weight (kg)	50200 Day Weight (kg)	50400 Day Weight (kg)	50600 Day Weight (kg)	50800 Day Weight (kg)	51000 Day Weight (kg)	51200 Day Weight (kg)	51400 Day Weight (kg)	51600 Day Weight (kg)	51800 Day Weight (kg)	52000 Day Weight (kg)	52200 Day Weight (kg)	52400 Day Weight (kg)	52600 Day Weight (kg)	52800 Day Weight (kg)	53000 Day Weight (kg)	53200 Day Weight (kg)	53400 Day Weight (kg)	53600 Day Weight (kg)	53800 Day Weight (kg)	54000 Day Weight (kg)	54200 Day Weight (kg)	54400 Day Weight (kg)	54600 Day Weight (kg)	54800 Day Weight (kg)	55000 Day Weight (kg)	55200 Day Weight (kg)	55400 Day Weight (kg)	55600 Day Weight (kg)	55800 Day Weight (kg)	56000 Day Weight (kg)	56200 Day Weight (kg)	56400 Day Weight (kg)	56600 Day Weight (kg)	56800 Day Weight (kg)	57000 Day Weight (kg)	57200 Day Weight (kg)	57400 Day Weight (kg)	57600 Day Weight (kg)	57800 Day Weight (kg)	58000 Day Weight (kg)	58200 Day Weight (kg)	58400 Day Weight (kg)	58600 Day Weight (kg)	58800 Day Weight (kg)	59000 Day Weight (kg)	59200 Day Weight (kg)	59400 Day Weight (kg)	59600 Day Weight (kg)	59800 Day Weight (kg)	60000 Day Weight (kg)	60200 Day Weight (kg)	60400 Day Weight (kg)	60600 Day Weight (kg)	60800 Day Weight (kg)	61000 Day Weight (kg)	61200 Day Weight (kg)	61400 Day Weight (kg)	61600 Day Weight (kg)	61800 Day Weight (kg)	62000 Day Weight (kg)	62200 Day Weight (kg)	62400 Day Weight (kg)	62600 Day Weight (kg)	62800 Day Weight (kg)	63000 Day Weight (kg)	63200 Day Weight (kg)	63400 Day Weight (kg)	63600 Day Weight (kg)	63800 Day Weight (kg)	64000 Day Weight (kg)	64200 Day Weight (kg)	64400 Day Weight (kg)	64600 Day Weight (kg)	64800 Day Weight (kg)	65000 Day Weight (kg)	65200 Day Weight (kg)	65400 Day Weight (kg)	65600 Day Weight (kg)	65800 Day Weight (kg)	66000 Day Weight (kg)	66200 Day Weight (kg)	66400 Day Weight (kg)	66600 Day Weight (kg)	66800 Day Weight (kg)	67000 Day Weight (kg)	67200 Day Weight (kg)	67400 Day Weight (kg)	67600 Day Weight (kg)	67800 Day Weight (kg)	68000 Day Weight (kg)	68200 Day Weight (kg)	68400 Day Weight (kg)	68600 Day Weight (kg)	68800 Day Weight (kg)	69000 Day Weight (kg)	69200 Day Weight (kg)	69400 Day Weight (kg)	69600 Day Weight (kg)	69800 Day Weight (kg)	70000 Day Weight (kg)	70200 Day Weight (kg)	70400 Day Weight (kg)	70600 Day Weight (kg)	70800 Day Weight (kg)	71000 Day Weight (kg)	71200 Day Weight (kg)	71400 Day Weight (kg)	71600 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(kg)	80800 Day Weight (kg)	81000 Day Weight (kg)	81200 Day Weight (kg)	81400 Day Weight (kg)	81600 Day Weight (kg)	81800 Day Weight (kg)	82000 Day Weight (kg)	82200 Day Weight (kg)	82400 Day Weight (kg)	82600 Day Weight (kg)	82800 Day Weight (kg)	83000 Day Weight (kg)	83200 Day Weight (kg)	83400 Day Weight (kg)	83600 Day Weight (kg)	83800 Day Weight (kg)	84000 Day Weight (kg)	84200 Day Weight (kg)	84400 Day Weight (kg)	84600 Day Weight (kg)	84800 Day Weight (kg)	85000 Day Weight (kg)	85200 Day Weight (kg)	85400 Day Weight (kg)	85600 Day Weight (kg)	85800 Day Weight (kg)	86000 Day Weight (kg)	86200 Day Weight (kg)	86400 Day Weight (kg)	86600 Day Weight (kg)	86800 Day Weight (kg)	87000 Day Weight (kg)	87200 Day Weight (kg)	87400 Day Weight (kg)	87600 Day Weight (kg)	87800 Day Weight (kg)	88000 Day Weight (kg)	88200 Day Weight (kg)	88400 Day Weight (kg)	88600 Day Weight (kg)	88800 Day Weight (kg)	89000 Day Weight (kg)	89200 Day Weight (kg)	89400 Day Weight (kg)	89600 Day Weight (kg)	89800 Day Weight (kg)	90000 Day Weight (kg)	90200 Day Weight (kg)	90400 Day Weight (kg)	90600 Day Weight (kg)	90800 Day Weight (kg)	91000 Day Weight (kg)	91200 Day Weight (kg)	91400 Day Weight (kg)	91600 Day Weight (kg)	91800 Day Weight (kg)	92000 Day Weight (kg)	92200 Day Weight (kg)	92400 Day Weight (kg)	92600 Day Weight (kg)	92800 Day Weight (kg)	93000 Day Weight (kg)	93200 Day Weight (kg)	93400 Day Weight (kg)	93600 Day Weight (kg)	93800 Day Weight (kg)	94000 Day Weight (kg)	94200 Day Weight (kg)	94400 Day Weight (kg)	94600 Day Weight (kg)	94800 Day Weight (kg)	95000 Day Weight (kg)	95200 Day Weight (kg)	95400 Day Weight (kg)	95600 Day Weight (kg)	95800 Day Weight (kg)	96000 Day Weight (kg)	96200 Day Weight (kg)	96400 Day Weight (kg)	96600 Day Weight (kg)	96800 Day Weight (kg)	97000 Day Weight (kg)	97200 Day Weight (kg)	97400 Day Weight (kg)	97600 Day Weight (kg)	97800 Day Weight (kg)	98000 Day Weight (kg)	98200 Day Weight (kg)	98400 Day Weight (kg)	98600 Day Weight (kg)	98800 Day Weight (kg)	99000 Day Weight (kg)	99200 Day Weight (kg)	99400 Day Weight (kg)
29	N209	ALLEDALE ANZAC E114	+5.8	+2.4	-3.5	+1.2	+29	+44	+55	+35	+18	+19	-4.2	38	+49	+5.0	+1.6	+1.9	+0.3	-1.9	+8	C+	S104	S107	S142	S120	10 (Muscle Bulls)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
30	N306	ARDO BISMARK	+9.4	+1.6	-1.5	+0.6	+29	+57	+72	+52	+16	+0.8	-5.1	36	+64	+6.0	+1.7	+2.3	+1.0	+1.3	+12	C+	S123	S124	S151	S138	10 (Muscle Bulls)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
31	N311	KCF BENNETT REVOLUTION X51	+6.9	+4.5	-0.8	+2.7	+37	+60	+85	+62	+13	+2.0	-3.1	41	+71	+8.9	+0.9	+0.8	+2.2	+1.6	-4	C+	S135	S135	S170	S153	10 (Muscle Bulls)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
32	N317	ALLEDALE ANZAC E114	+0.0	+0.4	+0.1	+4.5	+41	+61	+83	+66	+17	+2.9	-0.8	41	+60	+4.4	+1.5	+2.4	-0.5	+1.9	+20	B-	S101	S99	S129	S108	10 (Muscle Bulls)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
33	N318	WIRRUNA KILLARA K106	+9.5	+4.2	-3.0	+2.1	+31	+52	+73	+56	+17	+4.1	-6.1	41	+53	+5.3	+0.8	+0.7	+1.2	+1.4	+2	C+	S127	S128	S162	S149	10 (Muscle Bulls)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
34	N338	WIRRUNA KATNOOK K74	+8.9	+7.5	-6.2	+1.3	+31	+43	+56	+20	+17	+1.9	-3.4	38	+51	+6.2	+0.9	+0.7	+2.3	+1.2	-7	C+	S113	S117	S147	S133	10 (Muscle Bulls)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
35	N416	WIRRUNA KATNOOK K74	+6.3	+4.0	-6.4	+1.8	+29	+47	+61	+48	+11	+3.4	-4.8	39	+55	+8.0	+0.6	+0.7	+2.5	+1.3	-5	C+	S118	S121	S151	S142	10 (Muscle Bulls)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
36	N427	WIRRUNA KATNOOK K74	+0.8	+2.2	-5.5	+5.1	+43	+62	+86	+57	+12	+3.1	-3.9	41	+63	+7.4	+0.7	+0.4	+2.2	+1.9	-9	B-	S128	S128	S171	S150	10 (Muscle Bulls)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
37	N478	WIRRUNA LEAP FORWARD L95	+7.5	+2.9	-1.6	+3.7	+35	+51	+65	+49	+12	+2.8	-5.1	39	+50	+6.2	+1.6	+2.1	+1.0	+0.9	+1	C+	S112	S116	S136	S130	10 (Muscle Bulls)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
38	N522	WIRRUNA LAWLEY L237	+5.8	+4.0	+0.6	+2.1	+27	+48	+68	+43	+9	+2.4	-4.8	39	+50	+6.6	+1.5	+1.8	+1.4	+1.3	+10	C+	S111	S114	S143	S131	10 (Muscle Bulls)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
39	N529	WIRRUNA LAWLEY L237	+2.3	+4.2	-1.7	+5.1	+40	+64	+88	+77	+10	+2.6	-4.6	39	+66	+6.2	+1.3	+1.5	+1.6	+1.5	+6	C+	S129	S128	S160	S148	10 (Muscle Bulls)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
40	N532	WIRRUNA LEAP FORWARD L95	+9.0	+5.9	-2.8	+2.9	+40	+67	+91	+68	+18	+1.3	-1.8	38	+68	+5.9	+0.9	+1.1	+1.5	+1.2	+10	C+	S129	S127	S152	S141	10 (Muscle Bulls)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
41	N563	WIRRUNA LAWLEY L237	+0.1	+2.6	-3.1	+5.5	+38	+61	+84	+70	+11	+4.3	-6.0	44	+54	+5.1	+0.3	+0.2	+1.9	+1.0	+14	C+	S120	S117	S149	S142	10 (Muscle Bulls)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
42	N047	ARDO BISMARK	+13.5	+8.7	-5.0	+0.9	+32	+54	+68	+44	+16	+0.7	-2.4	36	+62	+4.0	+1.4	+2.2	+0.8	+0.6	+12	C	S110	S110	S123	S119	3 (Specialist Heifer Bulls)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
43	N195	WIRRUNA FLETCHER F214	+6.5	+6.7	-2.7	+1.8	+37	+64	+78	+60	+15	+2.1	-6.6	39	+63	+5.3	+0.9	+0.5	+0.7	+1.9	+2	C+	S134	S134	S176	S155	3 (Specialist Heifer Bulls)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
44	N202	ARDO BISMARK	+11.4	+5.7	-1.9	+2.8	+38	+67	+84	+56	+17	+2.2	-5.9	39	+64	+4.3	+0.6	+0.6	+1.3	+0.3	+7	C+	S129	S122	S147	S146	3 (Specialist Heifer Bulls)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
45	N275	WIRRUNALES L18	+10.5	+4.9	-4.3	+1.4	+31	+52	+65	+47	+18	+4.4	-4.0	41	+53	+3.6	+0.8	+1.1	+0.5	+0.6	+2	C	S106	S106	S124	S120	3 (Specialist Heifer Bulls)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
46	N355	WIRRUNA KEECH K93	+7.8	+1.8	-4.9	+0.8	+31	+50	+61	+33	+23	+2.6	-4.5	41	+51	+3.4																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														



Spring Sale 2019 - Wirruna Poll Herefords										Summary of Performance Information																		
Lot No	Animal Tag	Site	CALVING EASE				GROWTH/MATERIAL				FERTILITY					CARCASS DATA EBVs					MUSCLE SCORE			INDEX VALUE			NOTES/PE/PURPOSE	
			CE Dts (%)	CE Dns (Ct)	Gen Length (Ct)	Birth Weight	20 Day Gains	400 Day Weight	600 Day Weight	Matern Weight	Classic Side	Incrd Side	Depth Side	Streaks (mm)	Carc Wgt (kg)	EMA (kg/cm)	RIB Evt (mm)	PE Fat (mm)	RBY (g)	IMF (%)	Density (Ct)	Boomerang (g)	Grain Fed	ET Index	SI Index			
57	N334	WIRRUNA LINUS L202	+9.0	-6.6	-2.8	+2.2	+36	+55	+72	+44	+21	-3.4	-2.9	39	+53	+3.6	+1.4	+2.3	+0.0	+1.5	+13	C+	\$117	\$118	\$147	\$129	5	(Good Herd Bulls)
58	N341	WIRRUNA LUXMAN L386	+7.4	+5.1	+0.5	+3.3	+37	+55	+72	+40	+17	+2.8	-3.1	39	+52	+4.3	+1.6	+2.4	+0.1	+1.7	+0	C+	\$118	\$119	\$153	\$131	5	(Good Herd Bulls)
59	N372	WIRRUNA KILLARA K106	+6.3	+4.4	-4.3	+4.9	+41	+61	+81	+60	+20	+2.9	-3.3	39	+61	+5.6	+0.9	+0.8	+1.5	+0.9	-1	C	\$119	\$117	\$142	\$135	5	(Good Herd Bulls)
60	N377	WIRRUNA LAWTON L166	+6.3	+7.0	-2.3	+1.9	+32	+58	+76	+67	+11	+2.1	-4.2	37	+58	+4.0	+1.2	+1.5	+0.1	+1.5	+9	C+	\$118	\$118	\$147	\$133	5	(Good Herd Bulls)
61	N426	WIRRUNA KEECH K93	+1.4	-0.4	-3.3	+5.0	+41	+68	+86	+63	+22	+1.2	-3.7	39	+61	+2.4	+1.1	+1.7	+0.7	+0.1	+11	C	\$105	\$100	\$110	\$112	5	(Good Herd Bulls)
62	N429	WIRRUNA LADIESMAN L545	+4.5	+6.0	-1.4	+4.3	+29	+51	+78	+76	+16	+0.8	-4.4	36	+49	+1.8	+1.3	+1.5	+0.0	+1.0	-4	C+	\$107	\$104	\$126	\$119	5	(Good Herd Bulls)
63	N523	WIRRUNA KEECH K93	+2.6	+2.1	-3.6	+2.8	+35	+65	+92	+72	+23	+3.3	-5.1	40	+67	+3.9	+0.9	+0.9	+1.6	+0.0	+10	C+	\$125	\$121	\$132	\$138	5	(Good Herd Bulls)
64	N573	WIRRUNA LINDLEY L477	+0.1	+3.1	-1.5	+5.0	+31	+58	+78	+79	+11	+3.5	-5.6	39	+51	+3.5	+1.7	+2.4	-0.5	+1.4	-9	C+	\$107	\$106	\$134	\$122	5	(Good Herd Bulls)
			+1.0	+1.2	-0.3	+4.4	+33	+54	+77	+68	+16	+2.0	-2.6		+50	+3.2	+0.5	+0.5	+0.8	+0.4	+2		\$87	\$83	\$95	\$97		
Top 20% of breed '17 drop			+5.7	+4.0	-1.6	+2.8	+38	+62	+89	+83	+19	+2.6	-3.9		+59	+4.2	+1.1	+1.4	+1.4	+0.8	+10		\$106	\$102	\$122	\$117		Yellow (Highlight: Rank in top 20%)
Top 5% of breed '17 drop			+9.8	+6.5	-3.3	+0.9	+43	+70	+101	+96	+22	+3.2	-5.0		+68	+5.5	+1.7	+2.3	+1.9	+1.4	+16		+\$125	\$123	\$150	\$139		Black (Highlight: Rank in top 5%)
Wirruna Sale Bulls Ave.			+5.6	+3.7	-2.6	+3.4	+37	+63	+85	+67	+16	+2.8	-3.9		+64	+5.3	+1.2	+1.6	+0.8	+1.5	+5.0		\$125	\$124	\$166	\$141		







Pen No. 10 (Muscle Bulls)

Birth Date: 23-Aug-17
 Society ID: WNAN318
 Horn/Scurs/Poll: P

- Wide stance bull with large testicles for fertility
- Strong carcass traits- IMF% in top 5% & EMA in top 10%
- Excellent fertility - short DtC EBV & high SS EBV (rated in top 1%)
- Good calving ease traits contributing to top 5% ranking for \$Index values

Easy-calve

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

INJEMIRA ADVANCE V093 (H)

┌ INJEMIRA ADVANCE Y203 (H)
 INJEMIRA FIRST DAY S198 (H)

Dam: CO-OP5 GOLDEN VANITY G135 (YEEG135)

┌ WIRRUNA BENTLY
 WIRRUNA GOLDEN VANITY D299
 WIRRUNA GOLDEN VANITY A99



Jun 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
+9.5	+4.2	-3.0	+2.1	+31	+52	+73	+56	+17
43%	35%	61%	72%	67%	67%	66%	60%	52%

FERTILITY		CARCASS						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Docility
+4.1	-6.1	+53	+5.3	+0.8	+0.7	+1.2	+1.4	+2
76%	38%	56%	51%	54%	59%	52%	53%	51%

STRUCTURAL ASSESSMENT						1-Jul-19	Temp.
6	7	5	6	5	5	5	41
							2

\$INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
Supermarket	Grass Fed	Grain Fed	EU Index	Ph Hetz	<i>Mid</i>	C+		Eye Pigment
\$127	\$128	\$162	\$149					4

Purchaser _____

Price _____



Pen No. 10 (Muscle Bulls)

Birth Date: 25-Aug-17
 Society ID: WNAN338
 Horn/Scurs/Poll: P

- A good quality & upstanding calf by Katnook
- An easy fleshing bull - EMA & RBY% ranked in top 5% of breed
- Short-gestation length for early-born calves that are out & growing earlier
- Out of stayer Dam in the Wirruna herd transmitting strong CE traits

QUAMBY PLAINS STOCKMASTER Y118

┌ WIRRUNA FLETCHER F214
 WIRRUNA LAST DAY B16 (H)

Sire: **WIRRUNA KATNOOK K74 (WNAK74)**

┌ WIRRUNA DAFFY D1
 WIRRUNA VICTORIA G7
 WIRRUNA VICTORIA E112

SOUTH BUKALONG WALKER 6

┌ SOUTH BUKALONG WALLACE 2
 SOUTH BUKALONG VICTORIA 152

Dam: **WIRRUNA LAST DAY F14 (WNAF14)**

┌ ARDO RUSSIA 4133
 WIRRUNA LAST DAY D34
 WIRRUNA LAST DAY B9

Easy-calf



Jun 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
+8.9	+7.5	-6.2	+1.3	+31	+43	+56	+20	+17
49%	39%	68%	74%	70%	70%	69%	62%	54%

FERTILITY		CARCASS						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBY (%)	IMF (%)	Docility
+1.9	-3.4	+51	+6.2	+0.9	+0.7	+2.3	+1.2	-7
78%	42%	61%	56%	59%	62%	55%	60%	56%

STRUCTURAL ASSESSMENT						1-Jul-19	Temp.
6	5	5	6	4	5	4	38
							2

INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
Supermarket	Grass Fed	Grain Fed	EU Index	PP Homz	Mid	C+		Eye Pigment
\$113	\$117	\$147	\$133					4

Purchaser _____

Price _____



Pen No. 10 (Muscle Bulls)

Birth Date: 1-Sep-17
 Society ID: WNAN416
 Horn/Scurs/Poll: P

- Well-pigmented Katnook bull with muscle shape
- Exceptional beef yield & muscle traits (top 1%) while maintaining softness
- Puts together short gestation (top 1% GL) & calving ease (top 20% CE)
- Good scrotal size also influences female fertility with earlier onset of puberty

QUAMBY PLAINS STOCKMASTER Y118

┌ WIRRUNA FLETCHER F214
 WIRRUNA LAST DAY B16 (H)

Sire: **WIRRUNA KATNOOK K74 (WNAK74)**

┌ WIRRUNA DAFFY D1
 WIRRUNA VICTORIA G7
 WIRRUNA VICTORIA E112

ALLENDALE NATIONAL W168

┌ WIRRUNA EXPLORER E188
 SOUTH BUKALONG VICTORIA 202

Dam: **WIRRUNA GOLDEN VANITY H312 (WNAH312)**

┌ MOUNT DIFFICULT FELLIS Y12 (AI)
 WIRRUNA GOLDEN VANITY A16
 WIRRUNA GOLDEN VANITY W53

Easy-calve



Jun 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
+6.3	+4.0	-6.4	+1.8	+29	+47	+61	+48	+11
48%	38%	65%	74%	69%	70%	69%	63%	53%

FERTILITY		CARCASS						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Docility
+3.4	-4.8	+55	+8.0	+0.6	+0.7	+2.5	+1.3	-5
78%	41%	62%	55%	59%	63%	55%	60%	55%

STRUCTURAL ASSESSMENT						1-Jul-19	Temp.
6	6	5	5	5	5	5	39
							2

INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
Supermarket	Grass Fed	Grain Fed	EU Index	PP	<i>Mid</i>	C+		Eye Pigment
\$118	\$121	\$151	\$142	<i>Homz</i>			4	100/100

Purchaser _____

Price _____



Pen No. 10 (Muscle Bulls)

Birth Date: 1-Sep-17
 Society ID: WNAN427
 Horn/Scurs/Poll: S

- A classy Katnook son with his trademark carcase traits
- Note the rare combination of top 1% muscle & marbling and top 5% RBY%
- I like this bulls excellent muscling, body conformation & neck extension
- Ideally trait balanced as reflected by his top 5% \$Index ranking

'Star Lot', Scurs

QUAMBY PLAINS STOCKMASTER Y118

┌ WIRRUNA FLETCHER F214
 WIRRUNA LAST DAY B16 (H)

Sire: **WIRRUNA KATNOOK K74 (WNAK74)**
 WIRRUNA DAFFY D1

┌ WIRRUNA VICTORIA G7
 WIRRUNA VICTORIA E112

SOUTH BUKALONG WALLACE 2

┌ WIRRUNA FORT F382
 MOUNT DIFFICULT LORNA B123

Dam: **WIRRUNA GOLDEN VANITY H208 (WNAH208)**
 ALLENDALE NATIONAL W168

┌ WIRRUNA GOLDEN VANITY F422
 WIRRUNA GOLDEN VANITY A99



Jun 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
+0.8	+2.2	-5.5	+5.1	+43	+62	+86	+57	+12
49%	38%	67%	74%	70%	70%	69%	63%	54%

FERTILITY		CARCASE						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBY (%)	IMF (%)	Docility
+3.1	-3.9	+63	+7.4	+0.7	+0.4	+2.2	+1.9	-9
78%	42%	62%	55%	59%	63%	55%	60%	56%

STRUCTURAL ASSESSMENT				1-Jul-19	Temp.			
Front 6	Back 5	Front 6	Back 5	5	5	5	1-Jul-19 41	2

\$INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
Supermarket	Grass Fed	Grain Fed	EU Index	Ph Hetz	Mid	B-	4	Eye Pigment 100/100
\$128	\$128	\$171	\$150					

Purchaser _____

Price _____



Pen No. 10 (Muscle Bulls)

Birth Date: 5-Sep-17
 Society ID: WNAN478
 Horn/Scurs/Poll: P

- A great top on this Leap Forward son
- Carries herd boosting carcase traits, top 5% EMA & top 15% IMF%
- High fertility traits with good Scrotal Size & Days to Calving EBVs
- A genetic dehorner offering good calving ease genetics for calving heifers

MSU TCF REVOLUTION 4R
 KCF BENNETT REVOLUTION X51
 KCF MISS PROFICIENT U201

Sire: **WIRRUNA LEAP FORWARD L95 (WNAL95)**

WIRRUNA COMMANDER C68
 WIRRUNA MIDGE F322
 WIRRUNA MIDGE A51

SOUTH BUKALONG WALLACE 2
 WIRRUNA GIDLEY G205
 WIRRUNA AMABEL C311

Dam: **WIRRUNA URSULA K348 (WNAK348)**

WIRRUNA DAFFY D1
 WIRRUNA URSULA F283
 WIRRUNA URSULA A178

Easy-calve



Jun 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
+7.5	+2.9	-1.6	+3.7	+35	+51	+65	+49	+12
44%	33%	60%	73%	67%	66%	65%	58%	48%

FERTILITY		CARCASE						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Docility
+2.8	-5.1	+50	+6.2	+1.6	+2.1	+1.0	+0.9	+1
75%	35%	53%	47%	51%	55%	48%	48%	48%

STRUCTURAL ASSESSMENT						1-Jul-19	Temp.
6	6	5	5	4	6	4	39
							2

INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
Supermarket	Grass Fed	Grain Fed	EU Index	PP	<i>Mid</i>	C+		Eye Pigment
\$112	\$113	\$136	\$130	<i>Homz</i>			4	70/100

Purchaser _____

Price _____



Pen No. 10 (Muscle Bulls)

Birth Date: 9-Sep-17
 Society ID: WNAN522
 Horn/Scurs/Poll: P

- Deep-sided bull with nice muscle through the loin
- Use to boost carcass performance - top 5% EMA & top 10% IMF%
- Carries calving ease traits including low BWT & top 20% CE EBVs
- Science confirms that higher genetic fat assists heifer fertility rates

Easy-calve

ARDO HUSTLER 4110 (IMP)
 ┌ TOBRUK JEDI
 PINE HILL MARITANA A619
 Sire: WIRRUNA LAWLEY L237 (WNAL237)
 ALLENDALE NATIONAL W168
 ┌ WIRRUNA VICTORIA E213
 SOUTH BUKALONG VICTORIA 202
 VALMA MERCHANT
 ┌ YAVENVALE GURU
 YAVENVALE TREASURE D403
 Dam: WIRRUNA DOREEN K204 (WNAK204)
 WIRRUNA DARCY D63
 ┌ WIRRUNA DOREEN F273
 WIRRUNA DOREEN D31



Jun 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
+5.8	+4.0	+0.6	+2.1	+27	+48	+58	+43	+9
40%	32%	60%	71%	65%	65%	64%	58%	49%

FERTILITY		CARCASS						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Docility
+2.4	-4.8	+50	+6.6	+1.5	+1.8	+1.4	+1.3	+10
75%	35%	53%	48%	52%	56%	50%	51%	45%

STRUCTURAL ASSESSMENT				1-Jul-19		Temp.
7	6	5	5	5	5	4
						1-Jul-19
						39
						2

INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
Supermarket	Grass Fed	Grain Fed	EU Index	PP Homz	<i>Mid</i>	C+		Eye Pigment 100/100
\$111	\$114	\$143	\$131					

Purchaser _____

Price _____



Pen No. 10 (Muscle Bulls)

Birth Date: 9-Sep-17
 Society ID: WNAN529
 Horn/Scurs/Poll: P

- Growthy bull with herd improving carcase traits
- Top 15% 200D & 400D growth, out of a highly rated cow with good udder
- Ideal carcase combination - quality (top 1% IMF%) & quantity (top 1% EMA)
- Profitable mix of EBVs reflected by the top 5% ranking for all \$Indices

ARDO HUSTLER 4110 (IMP)

┌ TOBRUK JEDI

PINE HILL MARITANA A619

Sire: WIRRUNA LAWLEY L237 (WNAL237)

ALLENDALE NATIONAL W168

┌ WIRRUNA VICTORIA E213

SOUTH BUKALONG VICTORIA 202

WIRRUNA FORT F382

┌ WIRRUNA HOT STUFF H356

WIRRUNA GOLDEN VANITY F378

Dam: WIRRUNA PENELOPE K241 (WNAK241)

VALMA MAGNUM II

┌ WIRRUNA PENELOPE G107

WIRRUNA PENELOPE E427



Jun 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
+2.3	+4.2	-1.7	+5.1	+40	+64	+88	+77	+10
41%	33%	59%	71%	65%	65%	64%	58%	50%

FERTILITY		CARCASE						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Docility
+2.6	-4.6	+66	+6.2	+1.3	+1.5	+1.6	+1.5	+6
76%	35%	53%	48%	52%	57%	50%	50%	46%

STRUCTURAL ASSESSMENT						1-Jul-19	Temp.
7	7	6	6	5	5	3	1-Jul-19 39
							1

\$INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
Supermarket	Grass Fed	Grain Fed	EU Index	PP Homz	<i>Mid</i>	C+		Eye Pigment 100/100
\$129	\$128	\$160	\$148					

Purchaser _____

Price _____



Pen No. 10 (Muscle Bulls)

Birth Date: 10-Sep-17
 Society ID: WNAN532
 Horn/Scurs/Poll: P

- I like this easy-doing & thick-bodied bull
- Carries herd boosting carcase traits, top 5% EMA & top 10% IMF%
- Bends the growth curve - lightest 25% for BWT & top 20% for growth traits
- \$Indices rated in top 5% indicate a profitable mix of commercial traits

'Star Lot'

Easy-calve

MSU TCF REVOLUTION 4R
 ┌ KCF BENNETT REVOLUTION X51
 KCF MISS PROFICIENT U201
 Sire: **WIRRUNA LEAP FORWARD L95 (WNAL95)**
 WIRRUNA COMMANDER C68
 ┌ WIRRUNA MIDGE F322
 WIRRUNA MIDGE A51

OTAPAWA SPARK 3060 (IMP)
 ┌ MOUNT DIFFICULT HANSEN
 MOUNT DIFFICULT HENRIETTA E13
 Dam: **MOUNT DIFFICULT LILLIAN K55 (MTTK55)**
 MOUNT DIFFICULT FALCON F030
 ┌ MOUNT DIFFICULT LILLIAN H195
 MOUNT DIFFICULT LILLIAN F073



Jun 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
+9.0	+5.9	-2.8	+2.9	+40	+67	+91	+68	+18
44%	31%	61%	73%	67%	66%	65%	58%	48%

FERTILITY		CARCASE						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Docility
+1.3	-1.8	+68	+5.9	+0.9	+1.1	+1.5	+1.2	+10
75%	33%	53%	46%	50%	55%	48%	49%	46%

STRUCTURAL ASSESSMENT						1-Jul-19	Temp.
6	6	5	6	5	5	4	38
							2

INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
Supermarket	Grass Fed	Grain Fed	EU Index	PP	<i>Mid</i>	C+		Eye Pigment
\$129	\$127	\$152	\$141	<i>Homz</i>			3	100/95

Purchaser _____

Price _____



Pen No. 10 (Muscle Bulls)

Birth Date: 17-Sep-17
 Society ID: WNAN563
 Horn/Scurs/Poll: P

- Muscle bull carrying high fertility genes
- Largest testicles in draft - few bulls boast top 1% for both SS & DtC EBVs
- Target improved beef carcasses - top 5% RBY% & top 10% EMA
- High EU \$Index ranking & maturity pattern suiting EU market targets

ARDO HUSTLER 4110 (IMP)

┌ TOBRUK JEDI

PINE HILL MARITANA A619

Sire: **WIRRUNA LAWLEY L237 (WNAL237)**

ALLENDALE NATIONAL W168

┌ WIRRUNA VICTORIA E213

SOUTH BUKALONG VICTORIA 202

QUAMBY PLAINS STOCKMASTER Y118

┌ WIRRUNA FLETCHER F214

WIRRUNA LAST DAY B16 (H)

Dam: **WIRRUNA GOLDEN VANITY K90 (H (WNAK90))**

WIRRUNA ALFA

┌ WIRRUNA GOLDEN VANITY C259

WIRRUNA GOLDEN VANITY Z86



Jun 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
+0.1	+2.6	-3.1	+5.5	+38	+61	+84	+70	+11
41%	33%	59%	71%	65%	65%	64%	58%	48%

FERTILITY		CARCASS						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBY (%)	IMF (%)	Docility
+4.3	-6.0	+54	+5.1	+0.3	-0.2	+1.9	+1.0	+14
75%	35%	53%	48%	53%	57%	50%	50%	46%

STRUCTURAL ASSESSMENT						1-Jul-19	Temp.
7	6	5	5	5	5	4	44
							2

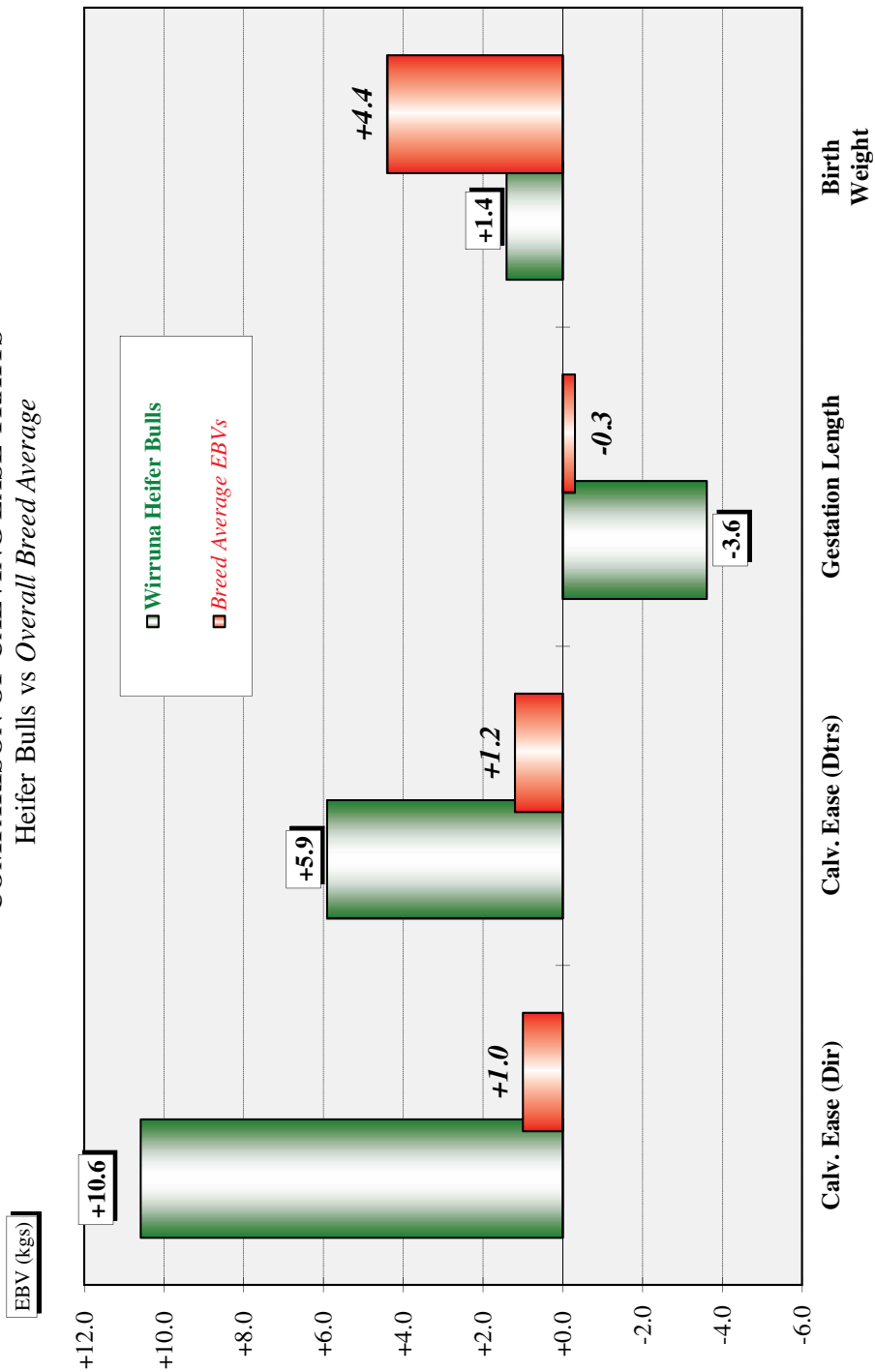
\$INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES		
Supermarket	Grass Fed	Grain Fed	EU Index		<i>Ph</i>	<i>Mid</i>	<i>C+</i>		Eye Pigment
\$120	\$117	\$149	\$142	<i>Hetz</i>				4	60/100

Purchaser _____

Price _____

COMPARISON OF CALVING EASE TRAITS

Heifer Bulls vs Overall Breed Average





Pen No. 3 (Specialist Heifer Bulls)

Birth Date: 9-Aug-17
 Society ID: WNAN047
 Horn/Scurs/Poll: P

- Nice-bodied & long-necked bull shaped for easy-calving
- Few bulls line up such strong EBVs for calving ease traits - top 1-5%
- Highest scan for rib fat offering improved finishing ability & female fertility
- Note this bull's good temperament & short gestation length

Easy-calve

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

MOUNT DIFFICULT CADBURY

┌ WIRRUNA JACKAROO J35
 WIRRUNA MADAM G153

Dam: **WIRRUNA VICTORIA L191 (WNAL191)**

└ WIRRUNA GEELONG G171
 WIRRUNA VICTORIA J469
 WIRRUNA VICTORIA F393



Jun 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
+13.5	+8.7	-5.0	+0.9	+32	+54	+68	+44	+16
46%	37%	75%	73%	68%	68%	67%	61%	52%

FERTILITY		CARCASE						Docility
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	
+0.7	-2.4	+62	+4.0	+1.4	+2.2	+0.8	+0.6	+12
77%	40%	56%	50%	54%	59%	52%	54%	50%

STRUCTURAL ASSESSMENT						1-Jul-19	Temp.
6	6	5	6	5	5	3	36
							1

INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
Supermarket	Grass Fed	Grain Fed	EU Index					Eye Pigment
\$110	\$110	\$123	\$119	PP Homz	<i>Mid</i>	C		90/80
							3	

Purchaser _____

Price _____



Pen No. 3 (Specialist Heifer Bulls)

Birth Date: 15-Aug-17
 Society ID: WNAN195
 Horn/Scurs/Poll: P

- A high \$Index calving ease Fletcher son with good growth
- Curve bender - Born light at birth & among the better weight gainers of the group
- Strong carcass traits- top 1% IMF% & top 10% EMA of all 2017 born Herefords
- Excellent fertility - best EBV in catalogue for DtC EBV

Easy-calve

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

ARDO HUSTLER 4110 (IMP)

┌ TOBRUK JEDI

 PINE HILL MARITANA A619

Dam: **WIRRUNA BANDANA L268 (WNAL268)**

SOUTH BUKALONG WALLACE 2

┌ WIRRUNA BANDANA G62

 SOUTH BUKALONG BANDANA 21



Jun 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
+6.5	+6.7	-2.7	+1.8	+37	+64	+78	+60	+15
51%	42%	76%	74%	69%	69%	69%	65%	59%

FERTILITY		CARCASS						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Docility
+2.1	-6.6	+63	+5.3	+0.9	+0.5	+0.7	+1.9	+2
78%	44%	61%	57%	59%	63%	56%	60%	55%

STRUCTURAL ASSESSMENT				1-Jul-19			Temp.
7	7	6	7	6	5	3	39
							2

\$INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
Supermarket	Grass Fed	Grain Fed	EU Index	PP Homz	<i>Mid</i>	C+		Eye Pigment 3 100/100
\$134	\$134	\$176	\$155					

Purchaser _____

Price _____



Pen No. 3 (Specialist Heifer Bulls)

Birth Date: 15-Aug-17
 Society ID: WNAN202
 Horn/Scurs/Poll: S

- Well-grown Bismarck son with CE credentials
- Nice shaped carcase - top 20% muscle & top 10% carcase weight
- Good weight/day of age performance from a strong CE and low BWT base
- Also features strong cow fertility genes with top 5% for the DtC EBV

'Star Lot', Scurs

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

OKAWA MARSHALL 9178

┌ WIRRUNA JENSON J218
 └ WIRRUNA CORA E319

Dam: WIRRUNA ZITA L322 (WNAL322)

┌ SCHU-LAR ON TARGET 22S (IMP)
 └ WIRRUNA ZITA J201
 WIRRUNA ZITA E2

Easy-calve



Jun 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
+11.4	+5.7	-1.9	+2.8	+38	+67	+84	+56	+17
47%	37%	75%	74%	69%	69%	68%	61%	53%

FERTILITY		CARCASE						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Docility
+2.2	-5.9	+64	+4.3	+0.6	+0.6	+1.3	+0.3	+7
78%	41%	57%	51%	54%	59%	52%	55%	50%

STRUCTURAL ASSESSMENT						1-Jul-19	Temp.
6	7	6	7	5	5	4	39
							1

INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
Supermarket	Grass Fed	Grain Fed	EU Index					Eye Pigment
\$129	\$127	\$147	\$146	Ph Hetz	Mid	C+	4	100/100

Purchaser _____

Price _____



Pen No. 3 (Specialist Heifer Bulls)

Birth Date: 20-Aug-17
 Society ID: WNAN275
 Horn/Scurs/Poll: S

- Laid in shoulders well-shaped for easy calvings
- Confident use over heifers - top 5% CE-Dir, GL & lightest 10% BWT genetics
- He measures large for testicles with SS EBV in top 1%
- Features tight pizzle, sound structure & 20% ranking for \$Indices values

Button Scurs

Easy-calve

Sire: WIRRUNA LES L18 (WNAL18)

┌ ALLENDALE YACKA
 └ ALLENDALE ANZAC E114
 ALLENDALE DAWN B22 (AI) (ET)

┌ KOANUI ROCKET 0219
 └ WIRRUNA DIDO E291
 SOUTH BUKALONG DIDO 65

Dam: WIRRUNA CIRCLE L215 (WNAL215)

┌ WIRRUNA FLETCHER F214
 └ WIRRUNA JAYDE J312
 WIRRUNA LORNA E49

┌ WIRRUNA GIDLEY G205
 └ WIRRUNA CIRCLE J488
 WIRRUNA CIRCE G229



Jun 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
+10.5	+4.9	-4.4	+1.4	+31	+52	+65	+47	+18
42%	34%	55%	69%	64%	65%	63%	57%	47%

FERTILITY		CARCASS						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Docility
+4.4	-4.0	+53	+3.6	+0.8	+1.1	+0.5	+0.6	+2
77%	36%	53%	49%	52%	57%	50%	50%	47%

STRUCTURAL ASSESSMENT						1-Jul-19	Temp.
6	5	5	6	4	5	4	41
							1

\$INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
Supermarket	Grass Fed	Grain Fed	EU Index	PP Homz	Mid	C		Eye Pigment
\$106	\$106	\$124	\$120					4

Purchaser _____

Price _____



Pen No. 3 (Specialist Heifer Bulls)

Birth Date: 27-Aug-17
 Society ID: WNAN355
 Horn/Scurs/Poll: P

- Heifer bull with great temperament
- Pedigree stacked with easy calving genetics - lightest 5% for BWT EBV
- Carries good milk (top 5%) out of a well proven donor cow
- A genetic dehorner also featuring sound structure & positive fertility attributes

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

ALLENDALE KING KONG 2

┌ ALLENDALE NATIONAL W168
 ALLENDALE CORA R22

Dam: **WIRRUNA TIGRESS E69 (WNAE69)**

└ MOUNT DIFFICULT FELLIS Y12 (AI)
 WIRRUNA TIGRESS A27
 WIRRUNA TIGRESS X88

Easy-calve



Jun 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
+7.8	+1.8	-4.9	+0.8	+31	+50	+61	+33	+23
46%	39%	62%	73%	68%	68%	67%	61%	56%

FERTILITY		CARCASS						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Docility
+2.6	-4.5	+51	+3.4	+0.8	+1.4	+1.0	+0.3	+9
77%	43%	57%	51%	56%	60%	54%	55%	54%

STRUCTURAL ASSESSMENT						1-Jul-19	Temp.
6	6	5	6	5	5	3	41
							1

INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
Supermarket	Grass Fed	Grain Fed	EU Index	PP	<i>Mid</i>	C+		Eye Pigment
\$104	\$104	\$117	\$117	<i>Homz</i>			3	100/100

Purchaser _____

Price _____



Pen No. 3 (Specialist Heifer Bulls)

Birth Date: 27-Aug-17
 Society ID: WNAN358
 Horn/Scurs/Poll: P

- A Cadbury ET calf that ticks a lot of boxes
- "Sleep-easy" calving ease genetics - top 1% CE
- Appreciate this bulls' ability to add top 5% CWT & EMA with top 10% IMF%
- Quiet disposition with best DOC EBV in the catalogue

Easy-calve

KOANUI ROCKET Q334
 ┌ KOANUI ROCKET 0219
 KOANUI ANGEL R187
 Sire: **MOUNT DIFFICULT CADBURY (MTTC8)**
 YARROW CORK
 ┌ MOUNT DIFFICULT MONIQUE V65
 MOUNT DIFFICULT MONIQUE

 MOUNT DIFFICULT FELLIS Y12 (AI)
 ┌ WIRRUNA DAFFY D1
 MOUNT DIFFICULT LAST DAY A205
 Dam: **WIRRUNA VICTORIA G92 (WNAG92)**
 ALLENDALE NATIONAL W168
 ┌ WIRRUNA VICTORIA E106
 SOUTH BUKALONG VICTORIA 202



Jun 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
+14.2	+8.8	-5.3	-0.4	+32	+57	+73	+78	+12
55%	48%	69%	74%	70%	70%	70%	66%	63%

FERTILITY		CARCASS						Docility
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	
+2.8	-4.8	+73	+5.8	+1.2	+2.0	+1.3	+1.1	+21
78%	49%	62%	57%	60%	63%	59%	61%	58%

STRUCTURAL ASSESSMENT						1-Jul-19	Temp.
6	6	6	6	6	5	4	40
							1

INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
Supermarket	Grass Fed	Grain Fed	EU Index					Eye Pigment
\$127	\$127	\$145	\$143	PP Homz	<i>Mid</i>	C+		100/100
							3	

Purchaser _____

Price _____



Pen No. 3 (Specialist Heifer Bulls)

Birth Date: 27-Aug-17
 Society ID: WNAN362
 Horn/Scurs/Poll: P

- Easy fleshing Cadbury son with soft coat
- Offers curve-bending growth - top 30% 400D growth from lightest BWT in draft
- Also benefits from excellent CWT (top 5%), muscle & marbling (top 10%) traits
- Like ET brother (Lot 47) - highest rated DOC EBV in the catalogue

'Star Lot'

Easy-calve

KOANUI ROCKET Q334

┌ KOANUI ROCKET 0219

KOANUI ANGEL R187

Sire: **MOUNT DIFFICULT CADBURY (MTTC8)**

YARROW CORK

┌ MOUNT DIFFICULT MONIQUE V65

MOUNT DIFFICULT MONIQUE

MOUNT DIFFICULT FELLIS Y12 (AI)

┌ WIRRUNA DAFFY D1

MOUNT DIFFICULT LAST DAY A205

Dam: **WIRRUNA VICTORIA G92 (WNAG92)**

ALLENDALE NATIONAL W168

┌ WIRRUNA VICTORIA E106

SOUTH BUKALONG VICTORIA 202



Jun 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
+14.3	+8.8	-4.6	-0.6	+32	+60	+78	+79	+9
55%	48%	68%	74%	70%	70%	70%	66%	63%

FERTILITY		CARCASS						Docility
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	
+3.4	-4.9	+75	+5.3	+1.3	+1.9	+1.4	+1.3	+21
78%	49%	62%	57%	60%	63%	59%	61%	58%

STRUCTURAL ASSESSMENT						1-Jul-19	Temp.
6	6	6	7	5	6	4	41
							1

INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
Supermarket	Grass Fed	Grain Fed	EU Index	PP	<i>Mid</i>	C+		Eye Pigment
\$134	\$135	\$158	\$152	<i>Homz</i>			4	100/100

Purchaser _____

Price _____



Pen No. 3 (Specialist Heifer Bulls)

Birth Date: 30-Aug-17
 Society ID: WNAN389
 Horn/Scurs/Poll: P

- Attractive bull showing length, width & presence
- Curve bending growth from a exceptional CE base
- Top 1% marbling & fertility traits rank in the top 5% for SS & DtC EBVs
- A well rounded EBV profile boosts the \$Index values into the top 1%

'Star Lot'

Easy-calve

Sire: WIRRUNA LES L18 (WNAL18)

ALLENDALE YACKA
 ┌ ALLENDALE ANZAC E114
 ALLENDALE DAWN B22 (AI) (ET)

└ KOANUI ROCKET 0219
 WIRRUNA DIDO E291
 SOUTH BUKALONG DIDO 65

Dam: WIRRUNA NADIA L426 (WNAL426)

┌ STUDBROOK D'ARTAGNION V086 (AI) (ET)
 OTAPAWA SPARK 3060 (IMP)
 OTAPAWA SPOT P30

└ SOUTH BUKALONG WALLACE 2
 WIRRUNA NADIA F44
 MOUNT DIFFICULT NADIA C85



Jun 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
+10.5	+6.8	-4.6	+2.1	+31	+67	+94	+90	+14
46%	39%	59%	69%	64%	64%	63%	58%	50%

FERTILITY		CARCASS						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Docility
+3.9	-5.6	+70	+4.9	+2.2	+3.2	-0.5	+2.2	-8
76%	38%	53%	49%	53%	56%	51%	51%	51%

STRUCTURAL ASSESSMENT						1-Jul-19	Temp.
7	6	6	6	6	5	4	37
							2

\$INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
Supermarket	Grass Fed	Grain Fed	EU Index	PP	<i>Mid</i>	C+		Eye Pigment
\$148	\$147	\$187	\$163	<i>Homz</i>			4	100/100

Purchaser _____

Price _____



Pen No. 3 (Specialist Heifer Bulls)

Birth Date: 4-Sep-17
 Society ID: WNaN461
 Horn/Scurs/Poll: P

- Dark red bull displaying length & good neck extension
- Light birthweight & top 15% calving ease for confident use over 14 month heifers
- Rates well for foot and leg scores & eye hooding
- Large testicles supported by top 20% SS EBVs for fertile daughters

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

MOUNTAIN VALLEY ROCKYNED B1

┌ CASCADE EL DORADO E27
 CASCADE IRISH MAID A37 (AI)

Dam: **CO-OP5 CORA J421 (YEEJ421)**

└ MOUNT DIFFICULT FELLIS Y12 (AI)
 WIRRUNA CORA B38
 WIRRUNA CORA U68

Easy-calve



Jun 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
+7.2	+3.2	-1.2	+2.6	+30	+55	+69	+51	+19
45%	37%	61%	73%	67%	67%	67%	60%	55%

FERTILITY		CARCASS						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Docility
+2.6	-3.1	+49	+3.3	-0.2	-0.4	+1.5	+0.4	-4
76%	40%	56%	51%	55%	59%	53%	54%	50%

STRUCTURAL ASSESSMENT						1-Jul-19	Temp.
6	6	6	5	5	6	3	42
						1-Jul-19	2

INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
Supermarket	Grass Fed	Grain Fed	EU Index	PP Homz	<i>Mid</i>	C+		Eye Pigment 100/100
\$101	\$99	\$116	\$115					

Purchaser _____

Price _____



Pen No. 3 (Specialist Heifer Bulls)

Birth Date: 9-Sep-17
 Society ID: WNAN526
 Horn/Scurs/Poll: P

- Perfectly shaped shoulders for ease of calving
- Calve heifers with confidence - low BWT & high CE bull
- Retains top 15% ranking for 400D growth & carcass weight
- Note positive fat & IMF% traits for grass finishing quality beef

ALLENDALE YACKA
 ┌ ALLENDALE ANZAC E114
 ALLENDALE DAWN B22 (AI) (ET)

Sire: **WIRRUNA LES L18 (WNAL18)**

KOANUI ROCKET 0219
 ┌ WIRRUNA DIDO E291
 SOUTH BUKALONG DIDO 65

OKAWA MARSHALL 9178
 ┌ WIRRUNA JESSY J146
 WIRRUNA MABEL F127

Dam: **WIRRUNA GOLDEN VANITY L600 (WNAL600)**

MORGANVALE FILLMORE
 ┌ CO-OP5 GOLDEN VANITY J37
 WIRRUNA GOLDEN VANITY D192

Easy-calve



Jun 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
+10.5	+5.6	-4.1	+1.7	+33	+65	+80	+68	+17
41%	33%	56%	69%	63%	63%	62%	56%	47%

FERTILITY		CARCASS						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Docility
+2.2	-1.8	+64	+2.9	+1.1	+1.8	-0.2	+1.3	-10
75%	34%	51%	46%	50%	54%	48%	48%	46%

STRUCTURAL ASSESSMENT						1-Jul-19	Temp.	

INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
Supermarket	Grass Fed	Grain Fed	EU Index	PP Homz	<i>Mid</i>	C+		Eye Pigment
\$112	\$110	\$132	\$120					100/100

Purchaser _____

Price _____



Pen No. 3 (Specialist Heifer Bulls)

Birth Date: 10-Sep-17
 Society ID: WNAN530
 Horn/Scurs/Poll: P

- Long & good-bodied heifer bull for calving ease
- Top 20% 400D growth, with no compromising CE & BWT rated in top 5%
- Shortest gestation length genetics in catalogue - GL EBV = -6.5 days
- A genetic dehorner with top 5% \$Index for strong profit potential

Easy-calve

Sire: **WIRRUNA LES L18 (WNAL18)**
 ALLENDALE YACKA
 ALLENDALE ANZAC E114
 ALLENDALE DAWN B22 (AI) (ET)

└─ KOANUI ROCKET 0219
 WIRRUNA DIDO E291
 SOUTH BUKALONG DIDO 65

Dam: **WIRRUNA LAST DAY L36 (WNAL36)**
 WIRRUNA FORT F382
 WIRRUNA HOT STUFF H356
 WIRRUNA GOLDEN VANITY F378

└─ MOUNT DIFFICULT CADBURY
 WIRRUNA LAST DAY J5
 CO-OP5 LAST DAY G26



Jun 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
+11.6	+5.5	-6.5	+0.8	+30	+62	+79	+67	+15
44%	36%	61%	70%	64%	64%	63%	56%	48%

FERTILITY		CARCASS						Docility
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	
+4.9	-5.1	+70	+6.4	+2.1	+3.3	+0.6	+1.3	+3
76%	35%	52%	48%	52%	56%	50%	50%	50%

STRUCTURAL ASSESSMENT						1-Jul-19	Temp.
5	6	5	5	4	5	4	39
							2

\$INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
Supermarket	Grass Fed	Grain Fed	EU Index					Eye Pigment
\$137	\$137	\$164	\$152	PP Homz	Mid	C+		100/100
							3	

Purchaser _____

Price _____



Pen No. 3 (Specialist Heifer Bulls)

Birth Date: 17-Sep-17
 Society ID: WNAN561
 Horn/Scurs/Poll: P

- Nicely shaped bull ideal for heifers
- This time a natural calf out of genetic Dam of lots 2, 28 & 55
- Offers top 1% muscle & marbling genetics to lift carcass attributes
- Excellent calving ease contributes to top 1% Grass-fed & Grain-fed \$Indices

Easy-calve

KCF BENNETT 3008 M326
 ┌ NJW 73S M326 TRUST 100W
 NJW P606 72N DAYDREAM 73S

Sire: **WIRRUNA KIRLEY K368 (WNAK368)**

SOUTH BUKALONG WALLACE 2
 ┌ WIRRUNA NADIA F44
 MOUNT DIFFICULT NADIA C85

MARKOWEN INTRUDER
 ┌ WIRRUNA CANDIDATE C118
 WIRRUNA FLORA Z267

Dam: **WIRRUNA CORA E319 (WNAE319)**

MOUNT DIFFICULT FELLIS Y12 (AI)
 ┌ WIRRUNA CORA B38
 WIRRUNA CORA U68



Jun 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
+10.4	+5.8	+0.3	+1.1	+22	+48	+68	+37	+17
49%	38%	60%	74%	69%	69%	68%	62%	57%

FERTILITY		CARCASS						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Docility
+3.0	-5.0	+55	+6.8	+2.2	+2.9	+0.5	+2.3	-8
78%	40%	58%	52%	56%	60%	54%	56%	55%

STRUCTURAL ASSESSMENT						1-Jul-19	Temp.
6	6	6	6	5	5	4	40
							2

INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
Supermarket	Grass Fed	Grain Fed	EU Index	PP Homz.	<i>Mid</i>	C		Eye Pigment 100/100
\$133	\$137	\$185	\$152					

Purchaser _____

Price _____



Pen No. 3 (Specialist Heifer Bulls)

Birth Date: 25-Sep-17
 Society ID: WNAN587
 Horn/Scurs/Poll: P

- Few bulls boast higher \$Index arithmetic than N587
- Offers calving ease (top 10% CE-Dir), growth (top 5% 400D) & moderate MCW
- Also benefits from excellent marbling (top 1%) & muscle (top 5%) traits
- Ideally suited to heifers breeding high genetic value replacements

Easy-calve

MSU TCF REVOLUTION 4R
 ┌ KCF BENNETT REVOLUTION X51
 KCF MISS PROFICIENT U201
 Sire: **WIRRUNA LEAP FORWARD L95 (WNAL95)**
 WIRRUNA COMMANDER C68
 ┌ WIRRUNA MIDGE F322
 WIRRUNA MIDGE A51

 ELITE 4110 E212
 ┌ WIRRUNA HOLLYWOOD H22
 WIRRUNA MADAM F18
 Dam: **WIRRUNA GOLDEN VANITY K413 (WNAK413)**
 WIRRUNA FILMER F195
 ┌ WIRRUNA GOLDEN VANITY H325
 WIRRUNA GOLDEN VANITY E405



Jun 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
+9.2	+4.6	-2.0	+3.4	+41	+72	+98	+67	+15
43%	31%	61%	72%	66%	66%	64%	58%	47%

FERTILITY		CARCASS						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Docility
+2.6	-4.7	+68	+5.8	+2.2	+3.0	+0.3	+2.6	+0
75%	31%	53%	46%	50%	54%	48%	48%	48%

STRUCTURAL ASSESSMENT						1-Jul-19	Temp.	

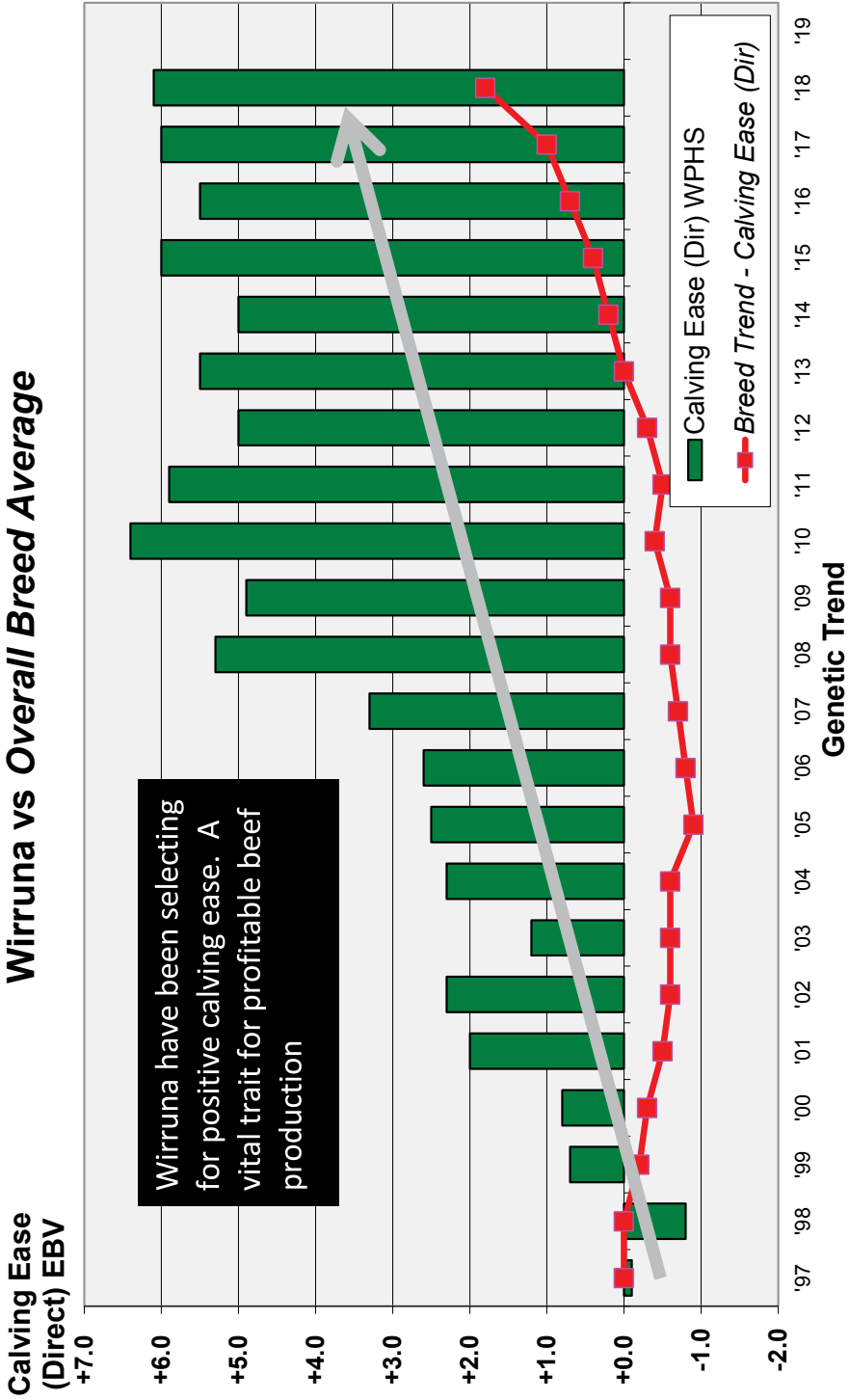
\$INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
Supermarket	Grass Fed	Grain Fed	EU Index		Mid	C+		Eye Pigment
\$155	\$155	\$206	\$171					100/100

Purchaser _____

Price _____

Calving Ease since 1997

Wirruna vs Overall Breed Average





Pen No. 5 (Good Herd Bulls)

Birth Date: 5-Aug-17
 Society ID: WNAN016
 Horn/Scurs/Poll: P

- Anzac ET son displaying good depth of body
- Low birth weight (own BWT was 30kg) calf out of a highly rated donor cow
- Benefits from top 1% IMF% & top 5% EMA for valuable MSA carcasses
- High marbling helps to achieve Grainfed \$Index ranking in top 5%

Easy-calve

ALLEDALE PUNTER 3
 ┌── ALLEDALE YACKA
 ALLEDALE FLORRIE Z33
 Sire: ALLEDALE ANZAC E114 (AEDE114)
 ALLEDALE NATIONAL W168
 ┌── ALLEDALE DAWN B22 (AI) (ET)
 ALLEDALE DAWN T60 (AI)

MARKOWEN INTRUDER
 ┌── WIRRUNA CANDIDATE C118
 WIRRUNA FLORA Z267
 Dam: WIRRUNA CORA E319 (WNAE319)
 MOUNT DIFFICULT FELLIS Y12 (AI)
 ┌── WIRRUNA CORA B38
 WIRRUNA CORA U68



Jun 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	+0.7	-0.7	+2.3	+29	+58	+75	+64	+12
57%	50%	67%	73%	71%	71%	71%	67%	64%

FERTILITY		CARCASE						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Docility
+2.3	-3.1	+57	+6.5	+1.9	+2.7	-0.1	+2.4	+15
78%	45%	63%	58%	60%	64%	59%	61%	61%

STRUCTURAL ASSESSMENT						1-Jul-19	Temp.	

\$INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
Supermarket	Grass Fed	Grain Fed	EU Index	PP Homz.	<i>Mid</i>	C		Eye Pigment 100/100
\$118	\$120	\$161	\$133					

Purchaser _____

Price _____



Pen No. 5 (Good Herd Bulls)

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

- An Anzac bull with tight pizzle & large testicles
- Good marbling (top 5% IMF% EBV) & profit potential (top 15% \$Index)
- BWT (top 15%) & CE-Dir (top 20%) EBVs indicate easier calving
- Features key traits for lifting herd fertility - top 1% for SS & top 15% for DtC EBVs

Scurs

ALLEDALE PUNTER 3

┌ ALLEDALE YACKA
 └ ALLEDALE FLORRIE Z33

Sire: ALLEDALE ANZAC E114 (AEDE114)

ALLEDALE NATIONAL W168

┌ ALLEDALE DAWN B22 (AI) (ET)
 └ ALLEDALE DAWN T60 (AI)

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)

Easy-calve



Jun 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
+6.6	+0.5	-1.9	+2.0	+30	+50	+69	+65	+16
54%	49%	76%	74%	70%	71%	73%	68%	61%

FERTILITY		CARCASE						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Docility
+4.7	-4.4	+53	+5.0	+1.3	+1.8	+0.2	+1.4	+8
78%	43%	63%	57%	60%	63%	58%	60%	56%

STRUCTURAL ASSESSMENT						1-Jul-19	Temp.
7	5	6	6	5	5	5	42
							2

\$INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
Supermarket	Grass Fed	Grain Fed	EU Index		Mid	C		Eye Pigment
\$110	\$110	\$137	\$126					

Purchaser _____

Price _____



Pen No. 5 (Good Herd Bulls)

Birth Date: 25-Aug-17
 Society ID: WNAN334
 Horn/Scurs/Poll: P

- Long bull with top 10% \$Index values
- Carries good calving ease traits, CE-daughters in breeds top 5%
- Top 5% marbling to improve carcass quality & MSA Index
- Benefits from top 10% milk, strong fertility & fatness for replacement daughters

ALLENDALE YACKA
 ┌ ALLENDALE ANZAC E114
 ALLENDALE DAWN B22 (AI) (ET)
 Sire: WIRRUNA LINUS L202 (WNAL202)
 SOUTH BUKALONG WALLACE 2
 ┌ WIRRUNA GOLDEN VANITY G18
 WIRRUNA GOLDEN VANITY D46

 VALMA MERCHANT
 ┌ WIRRUNA GRAFTON G388
 WIRRUNA GOLDEN VANITY C32
 Dam: WIRRUNA BANDANA J458 (WNAJ458)
 WIRRUNA ECHUCA E99
 ┌ WIRRUNA BANDANA G94
 WIRRUNA BANDANA D10

Easy-calve



Jun 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
+9.0	+6.6	-2.8	+2.2	+36	+55	+72	+44	+21
40%	34%	59%	71%	65%	65%	64%	59%	49%

FERTILITY		CARCASS						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Docility
+3.4	-2.9	+53	+3.6	+1.4	+2.3	+0.0	+1.5	+13
76%	35%	54%	49%	53%	57%	51%	51%	46%

STRUCTURAL ASSESSMENT						1-Jul-19	Temp.
6	6	5	6	5	6	5	39
							2

\$INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
Supermarket	Grass Fed	Grain Fed	EU Index	Ph Hetz	<i>Mid</i>	C+		Eye Pigment
\$117	\$118	\$147	\$129					4

Purchaser _____

Price _____



Pen No. 5 (Good Herd Bulls)

Birth Date: 29-Aug-17
 Society ID: WNAN372
 Horn/Scurs/Poll: P

- Shows length & body-shape, top 5% EMA
- Among the better weight gainers to weaning - top 10% 200D EBV
- High milk EBV carried through from high milking Dam
- Note sound structure & tidy sheath to reduce risk of bull breakdown

Twin

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

ALLENDALE NATIONAL W168

┌ DUNOON DOLLAR D206
 DUNOON FIRST DAY Z070

Dam: DUNOON DOREEN J212 (H) (RSHJ212)

┌ KOANUI ROCKET 0219
 DUNOON DOREEN D118
 DUNOON DOREEN X011



Jun 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
+6.3	+4.4	-4.3	+4.9	+41	+61	+81	+60	+20
42%	34%	58%	72%	66%	65%	65%	56%	50%

FERTILITY		CARCASE						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Docility
+2.9	-3.3	+61	+5.6	+0.9	+0.8	+1.5	+0.9	-1
73%	37%	54%	48%	51%	55%	49%	52%	50%

STRUCTURAL ASSESSMENT						1-Jul-19	Temp.	
Front 6	Back 6	Front 6	Back 6	5	5	5	1-Jul-19 39	2

\$INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
Supermarket	Grass Fed	Grain Fed	EU Index	Ph Hetz	Mid	C	4	Eye Pigment 100/100
\$119	\$117	\$142	\$135					

Purchaser _____

Price _____



Pen No. 5 (Good Herd Bulls)

Birth Date: 29-Aug-17
 Society ID: WNAN377
 Horn/Scurs/Poll: P

- Nicely balanced bull showing nice body shape
- Top 5% marbling to improve carcass quality & MSA Index
- Add positive calving ease genetics including to replacement daughters
- \$Index values rate in top 10% for 2017 born Herefords

Easy-calve

ARDO HUSTLER 4110 (IMP)

┌ TOBRUK JEDI
 PINE HILL MARITANA A619

Sire: WIRRUNA LAWTON L166 (WNAL166)
 SOUTH BUKALONG SHANNON 40

┌ PINE HILL SIRIKIT D579
 PINE HILL SIRIKIT B643

OTAPAWA SPARK 3060 (IMP)

┌ WIRRUNA JEANS J134
 WIRRUNA CORA C394

Dam: WIRRUNA LAST DAY L419 (WNAL419)
 WIRRUNA EXPLORER E188

┌ WIRRUNA LAST DAY H263
 WIRRUNA LAST DAY C134



Jun 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
+6.3	+7.0	-2.3	+1.9	+32	+58	+76	+67	+11
41%	31%	51%	70%	64%	64%	63%	56%	43%

FERTILITY		CARCASS						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Docility
+2.1	-4.2	+58	+4.0	+1.2	+1.5	+0.1	+1.5	-9
75%	35%	52%	47%	51%	56%	49%	49%	45%

STRUCTURAL ASSESSMENT						1-Jul-19	Temp.	
Front 7	Back 7	Front 6	Back 7	5	5	4	1-Jul-19 37	2

\$INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
Supermarket	Grass Fed	Grain Fed	EU Index	PP Homz.	<i>Mid</i>	C+	4	Eye Pigment
\$118	\$118	\$147	\$133					100/100

Purchaser _____

Price _____



Pen No. 5 (Good Herd Bulls)

Birth Date: 1-Sep-17
 Society ID: WNAN426
 Horn/Scurs/Poll: P

- Long-bodied bull with dark coat
- 200D & 400D growth ranks in top 10% of breed
- Top 5% for short gestation length - calves born earlier
- Plenty of milk (top 5% Milk EBV) for herds seeking better milking daughters

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

CAPETHORNE HOT SHOT 03 22

┌ MATARIKI HOLY-SMOKE
 MATARIKI GIRLIE 00323

Dam: **WIRRUNA RITA J78 (WNAJ78)**

└ WIRRUNA DAFFY D1
 WIRRUNA RITA G131
 WIRRUNA RITA E381



Jun 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
+1.4	-0.4	-3.3	+5.0	+41	+68	+86	+63	+22
45%	38%	62%	72%	67%	67%	66%	60%	54%

FERTILITY		CARCASS						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Docility
+1.2	-3.7	+61	+2.4	+1.1	+1.7	+0.7	+0.1	+11
76%	40%	56%	50%	54%	59%	52%	53%	52%

STRUCTURAL ASSESSMENT						1-Jul-19	Temp.
6	6	5	6	5	5	4	39
							2

INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
Supermarket	Grass Fed	Grain Fed	EU Index	PP Homz	<i>Mid</i>	C		Eye Pigment
\$105	\$100	\$110	\$112					4

Purchaser _____

Price _____



Pen No. 5 (Good Herd Bulls)

Birth Date: 1-Sep-17
 Society ID: WNAN429
 Horn/Scurs/Poll: P

- Cherry-red, long-bodied & easy-doing
- Offers top 15% marbling genetics to lift carcass quality
- Ranks in the top 20% of the breed for the profit EBVs - \$Index
- Gene-tested Homozygous Polled (PP) - a genetic dehorner

STUDBROOK D'ARTAGNION V086 (AI) (ET)

┌ OTAPAWA SPARK 3060 (IMP)
 OTAPAWA SPOT P30

Sire: **WIRRUNA LADIES MAN L545 (WNAL545)**
 SOUTH BUKALONG WALLACE 2

└ WIRRUNA NADIA F44
 MOUNT DIFFICULT NADIA C85

OKAWA MARSHALL 9178

┌ WIRRUNA JESSY J146
 WIRRUNA MABEL F127

Dam: **WIRRUNA GOLDEN VANITY L282 (WNAL282)**
 WIRRUNA GLENHOPE G117

└ WIRRUNA GOLDEN VANITY J342
 WIRRUNA GOLDEN VANITY F246



Jun 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
+4.5	+6.0	-1.4	+4.3	+29	+51	+78	+76	+16
44%	35%	55%	71%	65%	65%	64%	57%	50%

FERTILITY		CARCASS						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Docility
+0.8	-4.4	+49	+1.8	+1.3	+1.5	+0.0	+1.0	-4
76%	38%	53%	48%	52%	57%	50%	51%	48%

STRUCTURAL ASSESSMENT						1-Jul-19	Temp.	
Front 7	Back 6	Front 6	Back 7	6	6	4	1-Jul-19 36	2

\$INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
Supermarket	Grass Fed	Grain Fed	EU Index	PP Homz.	<i>Mid</i>	C+	4	Eye Pigment 100/100
\$107	\$104	\$126	\$119					

Purchaser _____

Price _____



Pen No. 5 (Good Herd Bulls)

Birth Date: 9-Sep-17
 Society ID: WNAN523
 Horn/Scurs/Poll: P

- An attractive & square bull with good head carriage
- Excellent fertility traits - top 5% for SS & DtC EBVs
- Highest Milk EBV in catalogue for those driving up maternal performance
- Curve bender - top 15% 400D growth from a lightest 20% BWT

'Star Lot'

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

DOONBIDDIE HUSTLER

┌ ARDO HUSTLER 4110 (IMP)
 └ ARDO AMETHYST 730

Dam: WIRRUNA LAST DAY J63 (WNAJ63)

┌ WIRRUNA VICKERY (S)
 └ WIRRUNA LAST DAY D26
 WIRRUNA LAST DAY B107

Easy-calve



Jun 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
+2.6	+2.1	-3.6	+2.8	+35	+65	+92	+72	+23
45%	38%	59%	72%	66%	65%	66%	59%	53%

FERTILITY		CARCASE						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Docility
+3.3	-5.1	+67	+3.9	+0.9	+0.9	+1.6	+0.0	+10
76%	41%	55%	50%	54%	58%	53%	54%	52%

STRUCTURAL ASSESSMENT						1-Jul-19	Temp.
6	6	5	6	5	5	4	40
							2

INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
Supermarket	Grass Fed	Grain Fed	EU Index	PP Homz.	<i>Mid</i>	C+		Eye Pigment
\$125	\$121	\$132	\$138					3

Purchaser _____

Price _____



Pen No. 5 (Good Herd Bulls)

Birth Date: 21-Sep-17
 Society ID: WNAN573
 Horn/Scurs/Poll: P

- Nicely muscled bull showing length of body
- Positive fat for easy-doing & fertile replacements, plus easy finishing steers
- Use to boost quality & fat traits - top 5% marbling, rib & rump fat
- Top 5% fertility traits help beef herd profitability - top 20% \$Indices

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 HIGH LEVEL H236
 MOUNT DIFFICULT LAST DAY B35

Dam: WIRRUNA VICTORIA K551 (WNAK551)

VALMA MAGNUM II

┌ WIRRUNA VICTORIA H161
 WIRRUNA VICTORIA C333



Jun 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
+0.1	+3.1	-1.5	+5.0	+31	+58	+78	+79	+11
42%	35%	55%	71%	65%	64%	63%	57%	46%

FERTILITY		CARCASE						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Docility
+3.5	-5.6	+51	+3.5	+1.7	+2.4	-0.5	+1.4	-9
74%	36%	52%	46%	50%	54%	48%	47%	47%

STRUCTURAL ASSESSMENT						1-Jul-19	Temp.
7	6	6	6	4	5	5	39
							2

\$INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
Supermarket	Grass Fed	Grain Fed	EU Index	PP Homz.	<i>Mid</i>	C+		Eye Pigment
\$107	\$106	\$134	\$122					3

Purchaser _____

Price _____



Lot No		Animal Tag	JUN 2019 GROUP BREEDPLAN EBVs		CALMING PHASE										GROWTH & MATERNAL										FERTILITY										CARCASS DATA EBVs										MISCELL				SUMMARY OF PERFORMANCE INFORMATION			
		Site	CE Dir (c)	CE Dis (c)	CE Dis (c)	Birth Weight	300 Day Growth	600 Day Weight	900 Day Weight	Marble Weight	Genetic Milk	Second Strk EDV	Days to Calv	Scoring	Carc Wgt (kg)	EMA (kg/cm)	RF Fat (mm)	RF Fat (mm)	RF Fat (mm)	RYB (%)	DHF (c)	Bendy	SCORER	Segmented	Grain Fed	RU Index	NOTES/REN/PURPOSE																									
FEMALE INDIVIDUAL LOTS																																																				
65	N011	ALLENDALE ANZAC E14	+8.3	+2.3	-2.3	+2.4	+5.6	+67	+91	+91	+17	+3.3	-3.3	-	-76	+5.9	+1.5	+2.2	+0.8	+1.4	+13	-	-	\$130	\$128	\$152	\$143	12 (PTTC Breeders)																								
66	N105	ORARI GORGE MISC HIEF 120083	+3.8	+2.0	-3.1	+4.0	+39	+66	+88	+73	+17	+2.8	-6.6	-	+60	+2.4	+1.9	+2.7	-0.4	+1.0	-1	-	-	\$126	\$124	\$148	\$139	12 (PTTC Breeders)																								
67	N117	WIRRUNA KALLINNA K326	+8.8	+4.3	-3.2	+1.0	+34	+61	+77	+45	+14	+3.3	-6.6	-	+65	+6.0	-3.5	+4.8	-0.2	+2.8	-10	-	-	\$151	\$156	\$207	\$169	12 (PTTC Breeders)																								
68	N182	ARDO BISMARCK	+10.1	+7.2	-1.1	+1.5	+33	+58	+74	+47	+19	+1.5	-3.5	-	+62	+5.8	+1.5	+1.6	+1.5	+1.3	+9	-	-	\$126	\$127	\$156	\$141	12 (PTTC Breeders)																								
69	N214	WIRRUNA KATNOOK K74	+2.9	+3.2	-2.8	+4.0	+35	+46	+63	+34	+14	+2.2	-3.9	-	+45	+5.4	+0.7	+0.2	+1.7	+1.4	+1	-	-	\$104	\$106	\$140	\$125	12 (PTTC Breeders)																								
70	N272	WIRRUNA LADDIE L44	+6.2	+5.5	-0.9	+1.5	+30	+47	+64	+37	+25	+1.9	-2.8	-	+51	+4.8	+0.4	+0.3	+2.1	+0.9	-9	-	-	\$109	\$109	\$132	\$125	12 (PTTC Breeders)																								
71	N404	WIRRUNA LAWTON L166	+4.6	+7.1	-2.6	+2.8	+40	+63	+88	+62	+19	+1.7	-5.9	-	+69	+4.2	+2.5	+3.4	-0.6	+2.3	+12	-	-	\$142	\$143	\$186	\$156	12 (PTTC Breeders)																								
72	N405	WIRRUNA LADIES MAN L545	+10.0	+7.4	-2.7	+1.6	+28	+50	+70	+56	+20	+3.0	-5.5	-	+52	+2.2	+1.6	+2.3	-0.6	+1.5	-7	-	-	\$119	\$119	\$149	\$133	12 (PTTC Breeders)																								
73	N473	WIRRUNA LEDGER L285	+7.1	+4.0	-0.1	+2.3	+41	+59	+81	+52	+17	+3.0	-2.7	-	+64	+4.1	+2.4	+3.3	-1.1	+2.5	+1	-	-	\$126	\$127	\$169	\$136	12 (PTTC Breeders)																								
74	NS67	WIRRUNA KANE K18	+8.4	+3.2	-4.7	+1.7	+32	+57	+79	+57	+19	+2.6	-5.8	-	+63	+4.2	+2.3	+3.4	-0.5	+2.3	-13	-	-	\$135	\$136	\$179	\$150	12 (PTTC Breeders)																								
<i>Breed Ave. 17 drop</i>																																																				
			+1.0	+1.2	-0.3	+4.4	+33	+54	+77	+68	+16	+2.0	-2.6	-	+50	+3.2	+0.5	+0.5	+0.8	+0.4	+2	-	-	\$87	\$83	\$95	\$97																									
Top 20% of breed 17 drop			+5.7	+4.0	-1.6	+2.8	+38	+62	+89	+83	+19	+2.6	-3.9	-	+59	+4.2	+1.1	+1.4	+1.4	+0.8	+10	-	-	\$106	\$102	\$122	\$117	Yellow Highlight: Rams in top 20%																								
Top 5% of breed 17 drop			+9.8	+6.5	-3.3	+0.9	+43	+70	+101	+96	+22	+3.2	-5.0	-	+68	+5.5	+1.7	+2.3	+1.9	+1.4	+16	-	-	+\$125	\$123	\$150	\$139	Black Highlight: Rams in top 5%																								



FEMALE LOTS

Lot 65  **WIRRUNA VICTORIA N011 (ET)** **N011**

Pen No. 12 (PTIC Breeders)

Birth Date: 2-Aug-17
 Society ID: WNaN011
 Horn/Scurs/Poll: P

- Upstanding Anzac heifer with good neck extension
- Offers curve-bending growth profile from good calving ease
- Offering the trade-mark trait leading EBVs for SS, CWT, EMA & IMF%
- A good footed heifer that carcass scanned among the best animals for EMA

ALLEDALE PUNTER 3
 ┌ ALLEDALE YACKA
 ALLEDALE FLORRIE Z33

Sire: **ALLEDALE ANZAC E114 (AEDE114)**
 ALLEDALE NATIONAL W168
 ┌ ALLEDALE DAWN B22 (AI) (ET)
 ALLEDALE DAWN T60 (AI)

MOUNT DIFFICULT FELLIS Y12 (AI)

┌ WIRRUNA DAFFY D1
 MOUNT DIFFICULT LAST DAY A205

Dam: **WIRRUNA VICTORIA G92 (WNAG92)**
 ALLEDALE NATIONAL W168
 ┌ WIRRUNA VICTORIA E106
 SOUTH BUKALONG VICTORIA 202




Jun 2019 GROUP BREEDPLAN EBVs

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
+8.3	+2.3	-2.3	+2.4	+36	+67	+91	+91	+17
58%	52%	70%	75%	71%	72%	74%	69%	65%

FERTILITY		CARCASS						Trial Docility
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	
+3.3	-3.3	+76	+5.9	+1.5	+2.2	+0.8	+1.4	+13
71%	47%	65%	59%	64%	68%	62%	64%	61%

\$INDEX VALUE			
Supermarket	Grass Fed	Grain Fed	EU Index
\$130	\$128	\$152	\$143

EYES	
	Eye Pigment 100/100

JOINING SIRE: Wirruna Novelty N191

Est. Calving Date: 12-Mar-20

Purchaser _____

Price _____

FEMALE LOTS

Lot 66  **WIRRUNA CLARA N105 (AI)** **N105**

Pen No. 12 (PTIC Breeders)

Birth Date: 11-Aug-17
 Society ID: WNAN105
 Horn/Scurs/Poll: P

- By curve-bending NZ sire Orari Gorge Mischief
- Shows lots of early growth (top 15% 200D & 400D) & loads of softness
- Top 1% DtC EBV & high positive fat EBVs for driving herd fertility
- Nice temperament & exciting match-up to high \$Index joining sire N191

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

CAPETHORNE HOT SHOT 03 22

┌ MATARIKI HOLY-SMOKE
 MATARIKI GIRLIE 00323

Dam: **WIRRUNA CLARA L204 (WNAL204)**
 MOUNT DIFFICULT FELLIS Y12 (AI)

└ PINE HILL CLARA B585
 PINE HILL CLARA V90

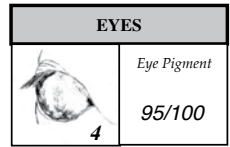


Jun 2019 GROUP BREEDPLAN EBVs

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
+3.8	+2.0	-3.1	+4.0	+39	+66	+88	+73	+17
50%	41%	76%	74%	69%	70%	72%	67%	58%

FERTILITY		CARCASS						Trial Docility
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	
+2.8	-6.6	+60	+2.4	+1.9	+2.7	-0.4	+1.0	-1
66%	38%	61%	51%	59%	64%	56%	59%	51%

\$INDEX VALUE			
Supermarket	Grass Fed	Grain Fed	EU Index
\$126	\$124	\$148	\$139



JOINING SIRE: Wirruna Novelty N191

Est. Calving Date: 24-Feb-20

Purchaser _____ Price _____

FEMALE LOTS

Lot 67  **WIRRUNA DOREEN N117 (AI)** **N117**

Pen No. 12 (PTIC Breeders)

Birth Date: 12-Aug-17
 Society ID: WNAN117
 Horn/Scurs/Poll: P

- Phenotype + Performance + PP - What an opportunity!
 - Top 1% \$Index - ranked 5th 'N' female in breed for Grain-fed \$Index
 - Exceptional balance of CE, high fertility, muscle & top 1% marbling
 - Preg scan to W. Novelty predicting heifer calf that will have breed leading EBVs
- 'Star Lot', Heifer calf pending*

WIRRUNA EXPLORER E188
 ┌ WIRRUNA HARTWIG H297
 WIRRUNA MIDGE A51

Sire: **WIRRUNA KALIMNA K326 (WNAK326)**
 ┌ ARDO HUSTLER 4110 (IMP)
 WIRRUNA CORA H303
 WIRRUNA CORA D9

OTAPAWA SPARK 3060 (IMP)
 ┌ WIRRUNA JUST J181
 WIRRUNA LAST DAY D84

Dam: **WIRRUNA DOREEN L544 (WNAL544)**
 ┌ WIRRUNA DAFFY D1
 WIRRUNA DOREEN G124
 WIRRUNA DOREEN E105

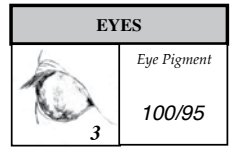


Jun 2019 GROUP BREEDPLAN EBVs

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
+8.8	+4.3	-3.2	+1.0	+34	+61	+77	+45	+14
48%	35%	76%	74%	69%	70%	73%	66%	50%

FERTILITY		CARCASS						Trial Docility
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RYB (%)	IMF (%)	
+3.3	-6.6	+65	+6.0	+3.5	+4.8	-0.2	+2.8	-10
65%	38%	62%	56%	62%	65%	55%	61%	55%

\$INDEX VALUE			
Supermarket	Grass Fed	Grain Fed	EU Index
\$151	\$156	\$207	\$169



JOINING SIRE: WIRRUNA Novelty N191

Est. Calving Date: 24-Feb-20

Purchaser _____

Price _____

**FEMALE
LOTS**

Lot 68  **WIRRUNA LAST DAY N182 (AI)** **N182**

Pen No. 12 (PTIC Breeders)

Birth Date: 14-Aug-17
Society ID: WNaN182
Horn/Scurs/Poll: P

- Attractive, feminine & extra volumed Bismarck daughter
- Offers above average growth from a top 5% CE & low BWT base
- Scanned highly for eye muscle area - top 5% for EMA
- Another really good set of numbers results in top 5% \$Indices

Bull calf pending

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

FELTONS SOUNDER 957 (P)

┌ EFBEEF FOREMOST U208 (IMP)
EFBEEF G824 KATE S610 ET

Dam: WIRRUNA LAST DAY K156 (WNAK156)

└ WIRRUNA VICKERY (S)
WIRRUNA LAST DAY E163
MOUNT DIFFICULT LAST DAY C31

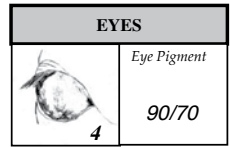


Jun 2019 GROUP BREEDPLAN EBVs

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
+10.1	+7.2	-1.1	+1.5	+33	+58	+74	+47	+19
48%	39%	75%	74%	69%	70%	72%	65%	53%

FERTILITY		CARCASE						Trial Docility
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	
+1.5	-3.5	+62	+5.8	+1.5	+1.6	+1.5	+1.3	+9
65%	41%	60%	50%	59%	63%	55%	58%	51%

\$INDEX VALUE			
Supermarket	Grass Fed	Grain Fed	EU Index
\$126	\$127	\$156	\$141



JOINING SIRE: Wirruna Novelty N191

Est. Calving Date: 24-Feb-20

Purchaser _____ Price _____

FEMALE LOTS

Lot 69  **WIRRUNA GOLDEN VANITY N214 (AI)** **N214**

Pen No. 12 (PTIC Breeders)

Birth Date: 16-Aug-17
 Society ID: WNAN214
 Horn/Scurs/Poll: P

- Katnook daughter with good body & well pigmented eyes
- Very good carcase traits - top 5% IMF, top 10% EMA & RBY%
- Lower mature cow weight (top 5% MCW) for low maintenance & fertile females
- Joining to N512 (Lot 6) will further enhance her balance of traits

QUAMBY PLAINS STOCKMASTER Y118
 ┌ WIRRUNA FLETCHER F214
 WIRRUNA LAST DAY B16 (H)

Sire: **WIRRUNA KATNOOK K74 (WNAK74)**
 WIRRUNA DAFFY D1
 ┌ WIRRUNA VICTORIA G7
 WIRRUNA VICTORIA E112

SOUTH BUKALONG WALLACE 2
 ┌ WIRRUNA GENETIC LIFT G122
 WIRRUNA CORA E343

Dam: **WIRRUNA GOLDEN VANITY K421 (WNAK421)**
 WIRRUNA DARCY D63
 ┌ WIRRUNA GOLDEN VANITY F218
 WIRRUNA GOLDEN VANITY D187

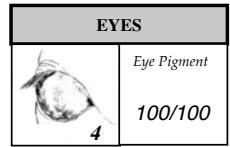


Jun 2019 GROUP BREEDPLAN EBVs

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
+2.9	+3.2	-2.8	+4.0	+35	+46	+63	+34	+14
44%	33%	75%	74%	69%	69%	72%	65%	51%

FERTILITY		CARCASE						Trial Docility
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBY (%)	IMF (%)	
+2.2	-3.9	+45	+5.4	+0.7	+0.2	+1.7	+1.4	+1
64%	38%	61%	51%	60%	64%	54%	59%	52%

\$INDEX VALUE			
Supermarket	Grass Fed	Grain Fed	EU Index
\$104	\$106	\$140	\$125



JOINING SIRE: Wirruna Notifiable N512

Est. Calving Date: 20-Mar-20

Purchaser _____ Price _____

FEMALE LOTS

Lot 70  **WIRRUNA FLORA N272** **N272**

Pen No. 12 (PTIC Breeders)

Birth Date: 19-Aug-17
 Society ID: WNAN272
 Horn/Scurs/Poll: P

- A deep-bodied female showing softness
- Top 5% retail beef yield combines with top 15% muscle & marbling
- Maternally strong with high milk EBV & moderate MCW
- PTIC (bull) to exciting young sire Wirruna Novelty N191 in 1 month joining
Bull calf pending

KCF BENNETT 3008 M326

┌ NJW 73S M326 TRUST 100W
NJW P606 72N DAYDREAM 73S

Sire: WIRRUNA LADDIE L44 (WNAL44)

ARDO HUSTLER 4110 (IMP)

┌ WIRRUNA LAST DAY H311
WIRRUNA LAST DAY D84

WIRRUNA FORT F382

┌ WIRRUNA HOT STUFF H356
WIRRUNA GOLDEN VANITY F378

Dam: WIRRUNA FLORA L209 (WNAL209)

WIRRUNA GIDLEY G205

┌ WIRRUNA FLORA J291
WIRRUNA FLORA G323

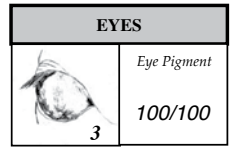


Jun 2019 GROUP BREEDPLAN EBVs

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
+6.2	+5.5	-0.9	+1.5	+30	+47	+64	+37	+25
42%	32%	62%	71%	65%	65%	69%	61%	50%

FERTILITY		CARCASS						Trial Docility
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	
+1.9	-2.8	+51	+4.8	+0.4	+0.3	+2.1	+0.9	-9
62%	36%	55%	45%	54%	59%	51%	52%	47%

\$INDEX VALUE			
Supermarket	Grass Fed	Grain Fed	EU Index
\$109	\$109	\$132	\$125



JOINING SIRE: Wirruna Novelty N191

Est. Calving Date: 21-Feb-20

Purchaser _____ Price _____

FEMALE LOTS

Lot 71



WIRRUNA MADAM N404

N404

Pen No. 12 (PTIC Breeders)

Birth Date: 31-Aug-17

Society ID: WNaN404

Horn/Scurs/Poll: P

- Docile nature & curve-bending growth profile
- Top-end scan for EMA, fat & marbling supports outstanding carcass EBVs
- I like her 'across the board' herd improving mix of profit traits
- Females with EBV's like this a rarely offered for sale - seize the opportunity!

ARDO HUSTLER 4110 (IMP)

┌ TOBRUK JEDI
PINE HILL MARITANA A619

Sire: **WIRRUNA LAWTON L166 (WNAL166)**
SOUTH BUKALONG SHANNON 40

└ PINE HILL SIRIKIT D579
PINE HILL SIRIKIT B643

STUDBROOK D'ARTAGNION V086 (AI) (ET)

┌ OTAPAWA SPARK 3060 (IMP)
OTAPAWA SPOT P30

Dam: **WIRRUNA MADAM L448 (WNAL448)**
SOUTH BUKALONG WALLACE 2

└ WIRRUNA MADAM F18
WIRRUNA MADAM D232



Jun 2019 GROUP BREEDPLAN EBVs

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
+4.6	+7.1	-2.6	+2.8	+40	+63	+88	+62	+19
45%	37%	58%	72%	65%	66%	69%	61%	49%

FERTILITY		CARCASS						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RYB (%)	IMF (%)	Trial Docility
+1.7	-5.9	+69	+4.2	+2.5	+3.4	-0.6	+2.3	+12
63%	36%	56%	47%	56%	60%	53%	54%	48%

\$INDEX VALUE			
Supermarket	Grass Fed	Grain Fed	EU Index
\$142	\$143	\$186	\$156

EYES	
	Eye Pigment 100/100

JOINING SIRE: Wirruna Novelty N191

Est. Calving Date: 10-Mar-20

Purchaser _____

Price _____

**FEMALE
LOTS**

Lot 72  **WIRRUNA FLORA N405** **N405**

Pen No. 12 (PTIC Breeders)

Birth Date: 31-Aug-17
Society ID: WNaN405
Horn/Scurs/Poll: P

- Thick-bodied heifer with feminine shape
- Exceptional calving ease traits in heifer & its future calf by Novelty N191
- Shows easy doing ability & carcass quality - top 5% for IMF% & P8 fat
- Features good DtC EBV, strong Milk EBV & has a good temperament

STUDBROOK D'ARTAGNION V086 (AI) (ET)

┌ OTAPAWA SPARK 3060 (IMP)
 OTAPAWA SPOT P30

Sire: WIRRUNA LADIES MAN L545 (WNAL545)

SOUTH BUKALONG WALLACE 2

┌ WIRRUNA NADIA F44
 MOUNT DIFFICULT NADIA C85

MOUNT DIFFICULT CADBURY

┌ WIRRUNA JACKAROO J35
 WIRRUNA MADAM G153

Dam: WIRRUNA FLORA L361 (WNAL361)

WIRRUNA GOONDIWINDI G391

┌ WIRRUNA FLORA J546
 WIRRUNA FLORA F390




Jun 2019 GROUP BREEDPLAN EBVs

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
+10.0	+7.4	-2.7	+1.6	+28	+50	+70	+56	+20
42%	34%	53%	72%	66%	66%	69%	62%	49%

FERTILITY		CARCASS						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Trial Docility
+3.0	-5.5	+52	+2.2	+1.6	+2.3	-0.6	+1.5	-7
61%	38%	55%	46%	55%	60%	52%	53%	48%

\$INDEX VALUE			
Supermarket	Grass Fed	Grain Fed	EU Index
\$119	\$119	\$149	\$133

EYES	
	Eye Pigment
3	100/100

JOINING SIRE: Wirruna Novelty N191

Est. Calving Date: 29-Feb-20

Purchaser _____ Price _____

FEMALE LOTS

Lot 73  **WIRRUNA FLORA N473** **N473**

Pen No. 12 (PTIC Breeders)

Birth Date: 4-Sep-17
 Society ID: WNAN473
 Horn/Scurs/Poll: P

- Feminine wedge-shaped & functional heifer by Ledger
- Exceptional marbling EBV of +2.5 & Grain-fed \$Index is at the top end of breed
- Excellent curve-bending growth pattern - top 10% 200D growth from a low BWT
- I like this heifers' fat traits, foot + leg structure & head carriage

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

 ELITE 4110 E212
 ┌ WIRRUNA HOPKINS H126
 WIRRUNA AMABELL F269
Dam: WIRRUNA FLORA K468 (WNAK468)
 WIRRUNA ECHUCA E99
 ┌ WIRRUNA FLORA G445
 WIRRUNA FLORA D138




Jun 2019 GROUP BREEDPLAN EBVs

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
+7.1	+4.0	-0.1	+2.3	+41	+59	+81	+52	+17
41%	32%	63%	73%	68%	67%	70%	62%	49%

FERTILITY		CARCASS						Trial Docility
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RYB (%)	IMF (%)	
+3.0	-2.7	+64	+4.1	+2.4	+3.3	-1.1	+2.5	+1
62%	33%	56%	45%	55%	60%	51%	52%	52%

\$INDEX VALUE			
Supermarket	Grass Fed	Grain Fed	EU Index
\$126	\$127	\$169	\$136

EYES	
	Eye Pigment
3	100/100

JOINING SIRE: Wirruna Novelty N191

Est. Calving Date: 29-Feb-20

Purchaser _____ Price _____

FEMALE LOTS

Lot 74  **WIRRUNA MIRANDA N567** **N567**

Pen No. 12 (PTIC Breeders)

Birth Date: 18-Sep-17
 Society ID: WNAN567
 Horn/Scurs/Poll: P

- A nice growthy heifer with all 4 \$Indices in top 5%
- Nice barrelled body - combining femininity with muscle & marbling
- Carries high fertility - Short DtC & large SS EBVs for more fertile daughters
- I appreciate her calving ease traits, short gestation length & good neck extension

'Star Lot'

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 MIRANDA H343 (WNAH343)

MOUNT DIFFICULT UNGAR (S)

┌ MOUNT DIFFICULT MIRANDA C175

MOUNT DIFFICULT MIRANDA Y59

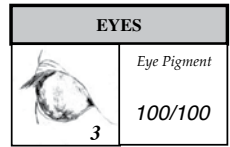


Jun 2019 GROUP BREEDPLAN EBVs

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
+8.4	+3.2	-4.7	+1.7	+32	+57	+79	+57	+19
43%	37%	58%	73%	67%	68%	71%	64%	54%

FERTILITY		CARCASS						Trial Docility
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	
+2.6	-5.8	+63	+4.2	+2.3	+3.4	-0.5	+2.3	-13
63%	39%	58%	48%	57%	62%	54%	56%	51%

\$INDEX VALUE			
Supermarket	Grass Fed	Grain Fed	EU Index
\$135	\$136	\$179	\$150



JOINING SIRE: WIRRUNA NOVELTY N191

Est. Calving Date: 29-Feb-20

Purchaser _____ Price _____

Lot 75 ✓ **4 x Stud Cows (PTIC)**
Pen No. 14 (Stud Cows)

- ☑ 4 fully recorded and registered Poll Hereford Cows
- ☑ Rising 3 years of age (M tags)
- ☑ Joined to high \$Index Wirruna Sire WNAN191
- ☑ Pregnancy tested to calve (Feb-Mar '20)
- ☑ J-BAS 8 - animal health statement available
- ☑ 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
WNAN191	W Fort F382	+4.2	+4.4	+69	+14	+6.5	+2.3	\$211
WNAN512	W Kalimna K326	+4.6	+3.4	+62	+16	+5.1	+2.2	\$183



Group Lot 75

We're focused on your community's growth

Proud to support the Locke Family

We're an agribusiness bank. Our local experts live and work where you do. That's why we're proud to support the Locke Family.

Rabobank. One focus.

**Call Albury branch on 6042 1600
or visit www.rabobank.com.au**



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BUYER'S INSTRUCTION SLIP

Name of Buyer:.....

PIC No. _____

Address:

.....

.....

Telephone:

Email:

Lots Purchased:

.....

.....

Delivery Instructions:

.....

Please tick where applicable:

Please arrange transfer of Pedigree through the Breed Society

Membership No.:

I wish Wirruna to organise delivery on my behalf

Joining date:

I would prefer this transaction be through my agent

Agents Name:

Other details:

.....

Hand this to the sale agent at the conclusion of the sale

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:

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"

Autumn Bull Sale

WEDNESDAY, 26TH FEBRUARY 2020

Notes

ProGibb® SG

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."



ProGibb® SG
SMARTGRASS



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ProGibb® is a registered trademark of
Valent BioSciences Corporation, Libertyville, IL, USA.

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

Notes

Notes

To view an online video of the Spring
2019 sale bulls, go to
www.wirruna.com and click the link on
the home page.

LOCATION MAP

