



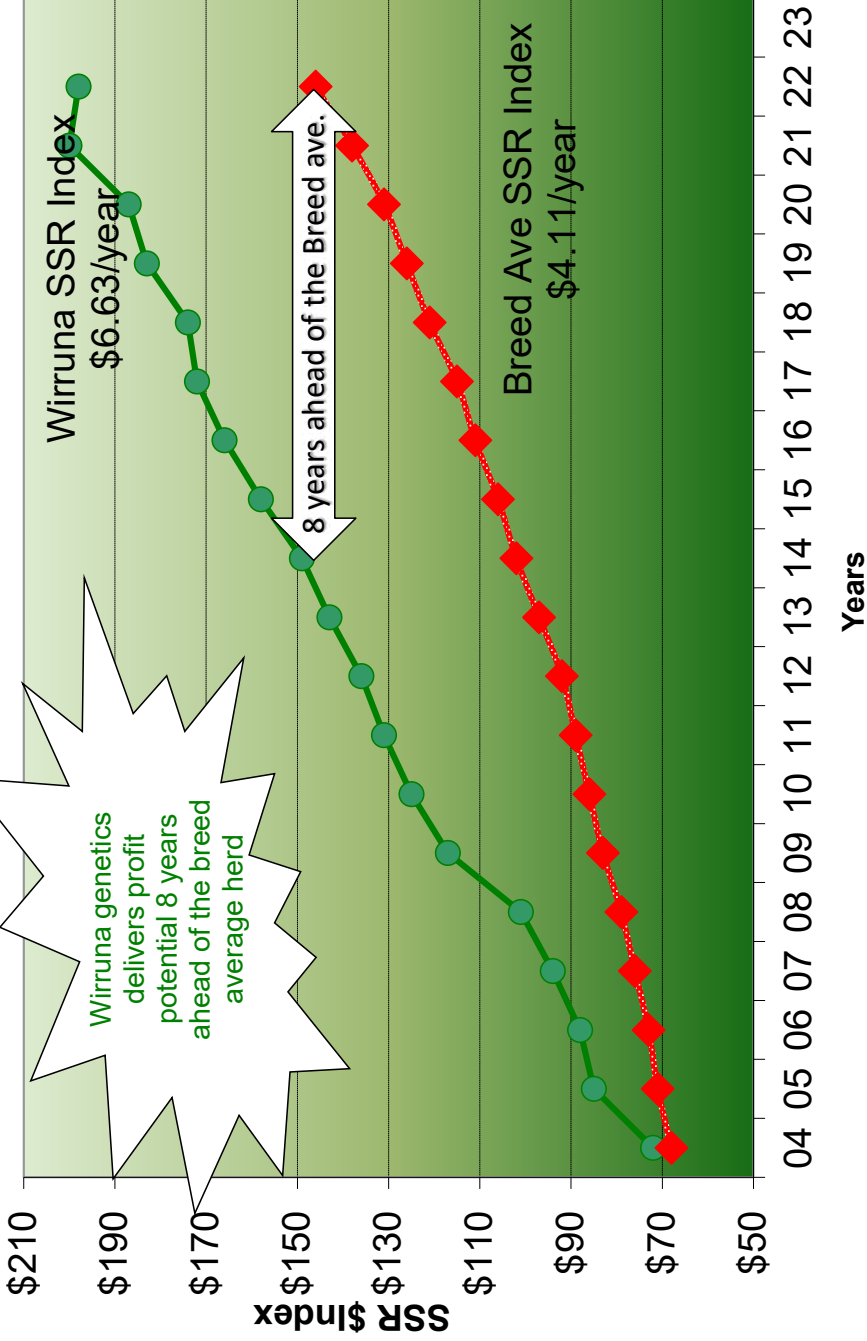
WIRRUNA
poll herefords

Autumn Bull & Female Sale

USING THE HELMSMAN
BUYING SYSTEM

Thursday, March 2, 2023

Genetic trends - Southern Self Replacing Wirruna vs Overall Breed Average





WIRRUNA
poll herefords

Autumn

~~Spring~~ Bull & Female Sale

Offering....

78 x Poll Hereford Bulls

12 x PTIC Breeders as Individual Lots

72 x PTIC Breeders as Group Lots

USING THE HELMSMAN BUYING SYSTEM

To be held undercover at
"Spring Valley" Holbrook NSW

Thursday, 2nd March, 2023

INSPECTION FROM 10.00 AM - AUCTION: BULLS 1.00 PM

Ian & Diana Locke

Mob:
Email:

0408 637 267
ian@wirruna.com

Sale agent - Nutrien Livestock



Tim Woodham
Peter Godbolt
Matthew Pitzen

0436 015 115
0457 591 929
0428 362 030

Transport Co-ordinator - Joe Wilton

Ph:
Mob:

(02) 6027 3125
0408 739 559

TELEPHONE BIDDING 1.00 PM

Sale shed mobile 1 (0408) 637 267

Sale shed mobile 2 (0419) 263 205



AuctionsPlus

Buy and Sell stock nationally

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

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Autumn 2023 Sale

We do appreciate your interest in our Autumn Bull & Female sale. Along with our Spring 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.

Although the shine of last year's amazing cattle market may have tarnished a little, there remains very good market fundamentals for Australian beef producers. For most parts of the country, there has been very good season conditions and with the US beef industry entering a period of herd rebuild, as they recover from drought, the demand for Australian beef should find strong support.

The cattle breeding business is a long term venture and requires long term thinking. If you buy a bull offered to you in this catalogue, they do not have a significant bearing on your business income for another couple of years at least and can genetically influence your herd for another 15 years. The importance of buying the 'right' genetics that meet your breeding objectives cannot be overstated.

This sale includes older sires that have been used at WIRRUNA and a few have had semen collected & sell with a 50% semen share. There are some breed-leading sires in this group, including WIRRUNA Real Deal R105 and WIRRUNA Rockefeller R355 that have recently been selected for the HAL Super Sires program.

The 'S' bulls offered are 18 months old. These bulls represent some of the best genetics available in the country. They are independently assessed for fertility, including semen morphology and serving ability test, and structurally assessed by Liam Cardile so that they are screened to be 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 surplus breeding females. For detailed information on the females, such as joining details, foetal sex information and EBVs, a supplementary female catalogue is available by accessing the WIRRUNA website or by contacting Ian Locke.

To assist you in making your bull selections, an on-line video of sale bulls is available on the WIRRUNA website (www.wirruna.com) from around 8th February, allowing you to preview individual lots and better prepare your selections for sale day.

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

The Locke Family

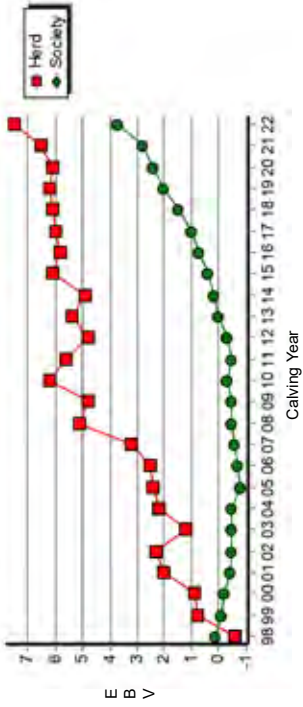


GENETIC AUDIT OF WIRRUNA HERD

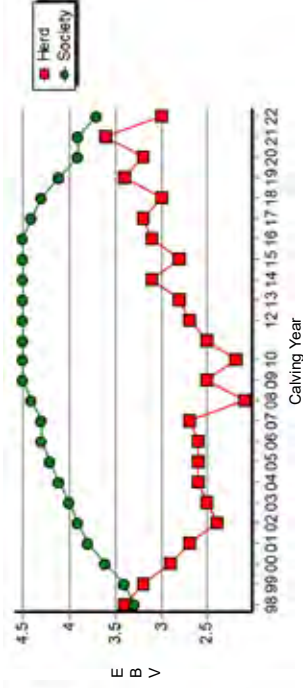
January 2023 Hereford BREEDPLAN

Graphs of Herd Compared with Breed Genetic Trends

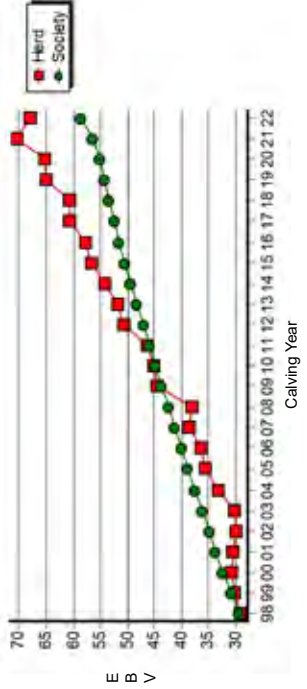
Calving Ease Dir (%)



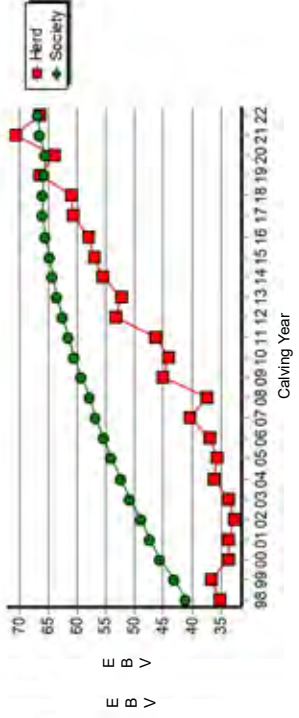
Birth Weight (kg)



400 Day Weight (kg)



Mature Weight (kg)



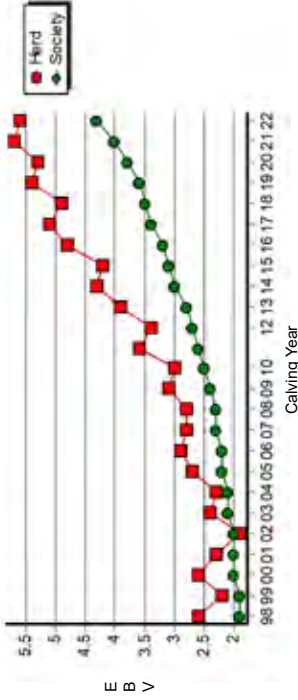


GENETIC AUDIT OF WIRRUNA HERD

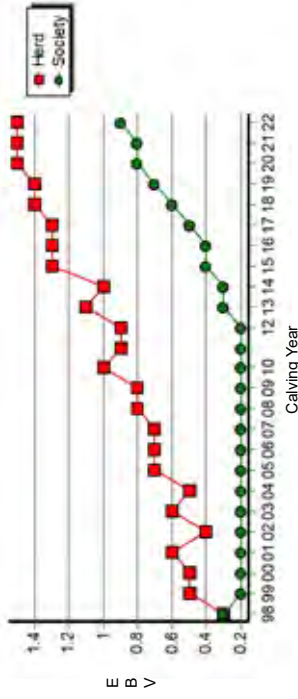
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Graphs of Herd Compared with Breed Genetic Trends

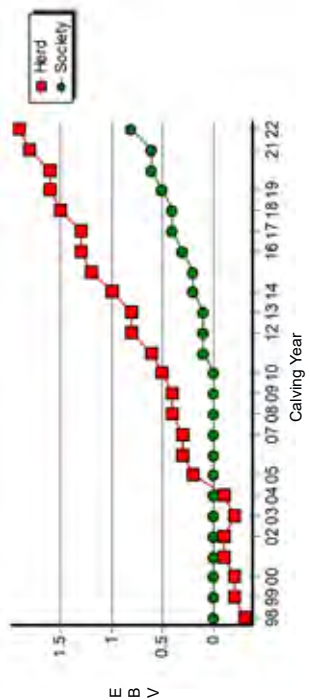
Carcase EMA (sq.cm)



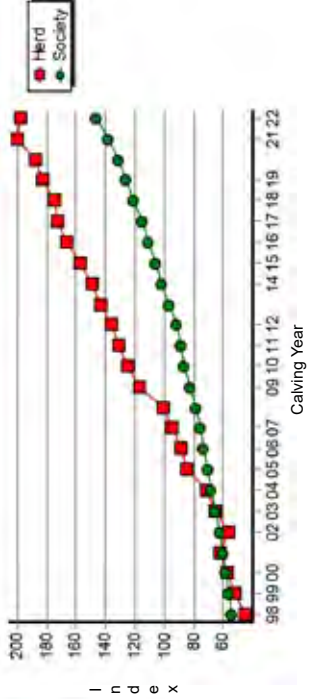
Carcase Rib Fat (mm)



Carcase IMF (%)



Southern Self-Replacing (\$)





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

- No lots have been hoof trimmed or assisted at birth.
- All bull lots are genomically tested, full parent verified and free of known genetic diseases.
- All bulls are up to date with Vibrio, Pestivirus and 7 in 1 vaccinations. Additionally, all lots are individually tested negative as pestivirus carriers.
- All bulls have been examined for structural soundness and muscle scores have been assessed by Liam Cardile of Beef Excel on December 6, 2022.
- All bulls were also assessed for fertility by Vets of the Holbrook Veterinary Centre including:
 - VET Reproductive health/Fertility examination
 - SEMEN Progressive Motility % (PM% Minimum standard >30%)
 - SPERM Normal Morphology % (NM% Minimum standard >70%)
 - WPHS also test Serving ability
- The ultrasonic scanning for fat depth, eye muscle area and intra-muscular fat was done September 20, 2022 (at 13 months) by Liam Cardile (Accreditation Status No. 1033).
- Level of Feed Supplementation. A 10% ration of pellet & silage supplementation has been provided in the 3 months leading up to sale.
- A quick reference list of all sale bull EBV's is summarised in the middle of this catalogue, along with the average EBV's for animals born in 2020.
- 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) and necessary herd testing to retain access to all states, including WA.
- 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 to the sale agent.



COMPLETENESS OF PERFORMANCE



WIRRUNA Poll Herefords



'5' STAR BREEDPLAN RECORDER

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



Quality Beyond Genetics

The **Wirruna Poll Hereford** herd has come a long way since it was founded in 1949. When Richard Locke succeeded his stud 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 milk, carcase performance 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 17,000 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 more recently, the 2002 NSW Seedstock Producer of the Year**. Quality assurance is important to us and complements our commitment to offering a quality product.

We are dedicated to seedstock excellence.

The Locke Family

MISSION STATEMENT

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

WIRRUNA BREEDING OBJECTIVE

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

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

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

*Quality:
“Fitness for Purpose”*

SALE ARRANGEMENTS

AuctionsPlus: This sale is interfaced with AuctionsPlus and will be conducted live on-line in real time. You must be registered with AuctionsPlus to bid online, so visit the website www.auctionsplus.com.au to register at least 24hrs beforehand.

We are also encouraging the option to bring your smart-phone or tablet on sale day to place on-line bids from the inspection yards or sale barn.

Sale Agent: Nutrien Livestock have been appointed the selling agent and settlement will occur through them. All lots will be governed by the usual sale terms & conditions, available on sale day and displayed on AuctionsPlus.

Rebate: **2% rebate is allowed for outside agents**, introducing buyers in writing at least 12 hours prior to the commencement of the sale and settling within 7 days of the date of invoice.

Introductions should be in writing, emailed to vendors at office@wirruna.com.

GST: The auction will be conducted on a GST exclusive basis. **GST will be added to the sale price.**

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.

Guarantees: All bulls are sold on a credit or money-back guarantee. This condition is valid only for a period of **twelve months** after date of sale and the vendor receives notification of infertility, not caused by injury, together with a certificate from a registered veterinarian on or before that date. All bulls, for which claims are made under these guarantees, are to be delivered free of charge by the purchaser to any place mutually agreed upon. More information on the Wirruna Guarantee is provided on page 19.

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

QUALITY ASSURANCE



HELMSMAN - A CLIENT FRIENDLY BUYING SYSTEM

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

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

1. Prospective buyers need to **register prior** to the start of the sale, indicating their trading details and whether or not they have been introduced by an agent. Each is given a buyer number.
2. The sale cattle are on display as usual, with all relevant Breedplan, fertility and carcass information present in your catalogue.
3. When the sale commences, all sale lots are on the market simultaneously. You may bid on any lot, regardless of lot number. You can also bid on multiple lots at once. A large, easy-to-read board will be located nearby, displaying lot number, buyer number and bid value (or Reserve Price). This allows you to see at a glance whether your bid still stands or has been overbid.
4. Bids are written on a card and presented to a "runner", and the board is up-dated. A "Sale Presenter" will announce each bid as it is recorded.
5. You may open bidding on any bull at it's reserve price and further bids in multiples of the minimum bid amount will be accepted. Minimum bid amounts are:
 - Bull lots \$1,000
 - Individual female lots \$500
 - Group female lots \$200
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 17,000 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 **December 2022 GROUP BREEDPLAN EBV's** and can be directly compared with only December 2022 **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)								
<i>(Figures are breed average for calves born 2020)</i>								
C Ease Direct	C Ease Dtrs	Gest Length	Birth Weight	200 Day Growth	400 Day Weight	600 Day Weight	Mat Weight	200 Day Milk
+2.5	+2.1	-0.7	+3.9	+33	+55	+77	+65	+17

The EBV is the best estimate of an animal's 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 of EBV +4.3 and positive calving ease EBV's.**

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

GROWTH

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

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

Easy-calve

- 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) <i>(Figures are breed average for calves born 2020)</i>						MUSCLE SCORE
Carcass Weight	EMA (cm²)	Rib Fat (mm)	P8 Fat (mm)	RBY %	IMF%	Range A ← E
+51	+3.8	+0.8	+1.0	+0.8	+0.6	

- 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 (formally of NSW Dept of Ag) has shown that well-muscled steers (C, C+, B- to B) attract a greater premium than lesser muscled steers (*less than C*). In fact, an average premium of \$80 was paid for B muscled steers above C muscled. Animals with high muscle score have a higher proportion of their 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 <i>(Figures are breed average for calves born 2020)</i>		
Scrotal Size EBV (cm)	DC EBV (days)	Scrotal Size (cm)
+2.1	-3.0	>32 cm

Scrotal Size EBVSS 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 penalized. 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 December 2022 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 +4.3)
- **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 for Herefords were updated to production-based \$Indices in November 2019. Known as Breedobject \$Index, these indices are designed to allow balanced selection for various production/ market scenarios and breeding objectives. Developed by the Animal Genetics and Breeding Unit (AGBU) at UNE in Armidale, this technology applies various weightings to the available EBVs 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 net profitability per cow joined in a particular production system. Higher ranked animals offer extra profit potential.

Generic indexes have been developed for different production systems of typical commercial herds using Hereford bulls. Producers are advised to use the selection index that most closely aligns to their production system.

All four selection indexes are focussed on maintaining and improving eating quality. Significant premiums are applied for increasing marble score up to a marble score of 3. Pressure is also applied to early life growth to maintain low ossification scores and good MSA compliance. In addition, each selection index targets the following specifications:

- **SOUTHERN SELF-REPLACING INDEX (SSR)** - This production system assumes a typical commercial self-replacing purebred Hereford herd in winter-dominated rainfall regions targeting the domestic market. Daughters are retained for breeding and so maternal traits are of importance. Steers are slaughtered at 20 to 22 months of age to produce 300 kg carcasses with 10 mm P8 fat depth. A moderate cost is applied for cow feed costs during the annual feed shortage period which results in small increases in cow weight.
- **NORTH SELF-REPLACING INDEX (NSR)** - This production system assumes a typical commercial self-replacing herd in summer-dominated rainfall regions targeting the domestic market. This index is suitable for use by both straight bred Hereford herds and in crossbreeding programs where Hereford bulls are being used over a Bos indicus based cow herd (e.g. flatback). Daughters are retained for breeding and so maternal traits are of importance. Steers are slaughtered at 20 to 22 months of age to produce 340 kg carcasses with 12 mm P8 fat depth. A high cost is applied for cow feed costs during the annual feed shortage period which produces little change in mature cow weight.
- **SOUTHERN BALDY TERMINAL INDEX (SBM)** - This production system assumes a typical commercial crossbred herd using Hereford bulls over Bos taurus females (e.g. Angus). A portion of the heifers are retained for breeding and so maternal traits are of importance. The steers and surplus heifers are destined for slaughter at 20 to 22 months of age. Steers produce 300 kg carcasses with 10 mm of P8 fat depth, while heifers produce 270 kg carcasses with 12 mm of P8 fat depth. A moderate cost is applied for cow feed costs during the annual feed shortage period.
- **NORTHERN BALDY TERMINAL INDEX (NBT)** - This production system assumes a typical commercial crossbred herd (e.g. flatback) using Hereford bulls over Bos indicus/Tropical females (e.g. Santa Gertrudis) where all progeny (male and female) are destined for slaughter. Steers and heifers are slaughtered at 20 to 22 months of age. Steers produce 340 kg carcasses with 14 mm of P8 fat depth while heifers produce 300 kg carcasses with 17 mm of P8 fat depth.

BREED OBJECT \$INDEX			
<i>(Figures are breed average for calves born 2020)</i>			
SSR	NSR	SBM	NBT
\$131	\$118	\$133	\$98

Indexes allow balanced selection in the true sense of the word – they apportion the amount of selection pressure that needs to be applied for growth, maternal, carcass 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.

December 2022 Hereford BREEDPLAN - Percentile Bands for all 2020 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		Dtrs		GL		Bwt		Mwt		Milk		SS		DC		Cwt		EMA		Rib		P8		RBY		IMF		Doc		NFI		SSR		NSR		SBM		NBT																																																																																																																																																																																																																																																																																																																																																																																																																																																											
	%		days		days		kg		cm		days		kg		sq.cm		mm		%		mm		mm		%		kg/day																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
High 1%	+12.4	+9.1	-6.8	-1.6	+49	+82	+117	+114	+28	+4.3	-6.6	+7.5	+2.7	+3.9	+2.7	+2.3	+2.2	-0.36	+214	+203	+222	+163	+10.4	+7.3	-4.1	+0.1	+44	+74	+105	+98	+25	+3.6	-5.5	+70	+6.2	+2.1	+2.9	+2.0	+1.7	+17	-0.21	+193	+182	+201	+147	+9.0	+6.2	-3.0	+1.0	+42	+69	+99	+91	+23	+3.2	-5.0	+66	+5.6	+1.8	+2.4	+1.7	+1.4	+14	-0.15	+179	+169	+187	+137	+7.9	+5.5	-2.4	+1.6	+40	+67	+94	+87	+22	+2.9	-4.6	+63	+5.1	+1.6	+2.1	+1.5	+1.2	+12	-0.11	+170	+158	+176	+129	+7.0	+5.0	-2.0	+2.1	+39	+64	+91	+83	+21	+2.8	-4.3	+61	+4.8	+1.4	+1.9	+1.4	+1.1	+10	-0.08	+162	+150	+168	+122	+6.1	+4.4	-1.7	+2.5	+38	+63	+89	+80	+20	+2.6	-4.1	+59	+4.6	+1.3	+1.7	+1.2	+1.0	+9	-0.05	+155	+142	+160	+117	+5.3	+4.0	-1.4	+2.8	+37	+61	+86	+77	+19	+2.5	-3.9	+57	+4.4	+1.2	+1.5	+1.1	+0.9	+8	-0.03	+150	+136	+154	+113	+4.6	+3.5	-1.1	+3.2	+36	+59	+84	+74	+19	+2.4	-3.6	+55	+4.2	+1.1	+1.4	+1.0	+0.8	+7	-0.02	+144	+131	+148	+109	+3.9	+3.1	-0.9	+3.5	+35	+58	+82	+71	+18	+2.3	-3.4	+54	+4.0	+1.0	+1.2	+0.9	+0.7	+5	+0.00	+140	+126	+143	+105	+3.2	+2.6	-0.7	+3.8	+34	+56	+80	+69	+17	+2.2	-3.2	+52	+3.8	+0.9	+1.1	+0.8	+0.6	+4	+0.01	+135	+121	+138	+101	+2.5	+2.2	-0.5	+4.1	+33	+55	+78	+66	+17	+2.1	-3.0	+51	+3.6	+0.8	+1.0	+0.7	+0.5	+3	+0.02	+131	+116	+132	+98	+1.9	+1.8	-0.3	+4.3	+32	+54	+75	+64	+16	+2.0	-2.8	+50	+3.5	+0.7	+0.8	+0.7	+0.4	+2	+0.03	+127	+112	+127	+94	+1.2	+1.3	-0.1	+4.6	+31	+52	+73	+61	+15	+1.9	-2.6	+48	+3.3	+0.6	+0.7	+0.6	+0.4	+1	+0.04	+122	+107	+122	+90	+0.6	+0.9	+0.1	+4.9	+30	+51	+71	+58	+15	+1.8	-2.4	+47	+3.2	+0.5	+0.5	+0.5	+0.3	+0	+0.05	+117	+102	+117	+86	-0.1	+0.4	+0.3	+5.2	+29	+49	+69	+55	+14	+1.6	-2.2	+45	+3.0	+0.4	+0.4	+0.4	+0.2	-1	+0.07	+112	+97	+112	+82	-0.9	-0.1	+0.5	+5.5	+28	+48	+66	+52	+14	+1.5	-1.9	+44	+2.8	+0.2	+0.2	+0.3	+0.2	-2	+0.08	+107	+92	+106	+78	-1.7	-0.6	+0.8	+5.8	+27	+46	+64	+49	+13	+1.4	-1.7	+42	+2.6	+0.1	+0.0	+0.2	+0.1	-3	+0.09	+102	+86	+99	+73	-2.7	-1.2	+1.1	+6.2	+26	+44	+60	+45	+12	+1.3	-1.4	+40	+2.4	+0.0	-0.2	+0.0	+0.0	-5	+0.10	+95	+79	+92	+68	-4.0	-2.0	+1.4	+6.7	+24	+41	+56	+39	+11	+1.1	-1.0	+37	+2.1	-0.2	-0.4	-0.1	-0.2	-8	+0.13	+86	+71	+83	+62	-5.9	-3.2	+2.1	+7.3	+21	+36	+49	+31	+9	+0.7	-0.5	+32	+1.8	-0.5	-0.9	-0.4	-0.4	-13	+0.17	+73	+58	+69	+52	-10.1	-5.7	+3.7	+8.5	+14	+25	+33	+10	+6	+0.1	+0.4	+22	+1.0	-1.1	-1.7	-1.0	-0.7	-24	+0.28	+47	+35	+39	+30

Note: Percentile Bands for 2020 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 for 2020 Born 'R' Calves.

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 through out 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

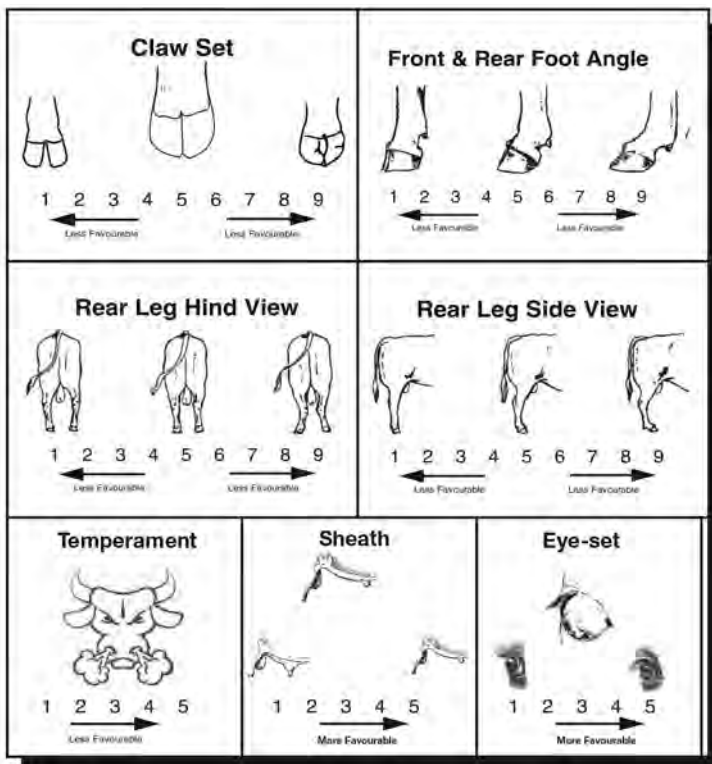
WIRRUNA POLL HEREFORDS STRUCTURAL PROGRAM:

The 2023 Sale Bull offering have been independently structurally assessed to maximise the quality of stock on offer. Any animals deemed inadequate have been removed from the sale draft. The Wirruna sale bulls were assessed by Liam Cardile of BEEFXCEL on 6th December 2022.

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

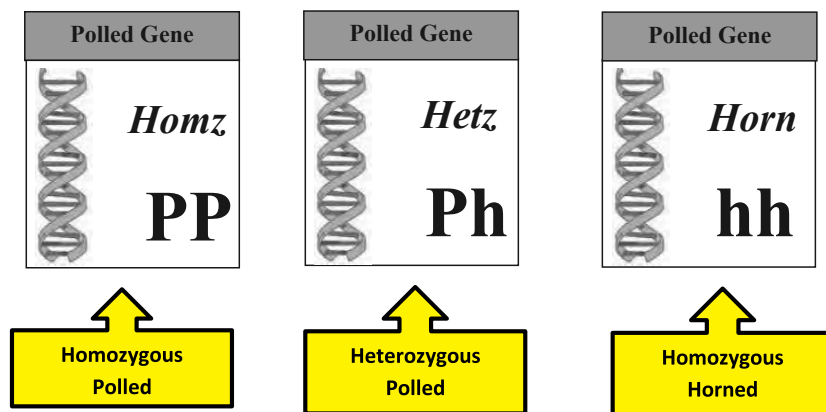
Genomics means the study of the Genome, or genetic make-up of an organism. In recent years, new technologies relating to the actual genes that animals carry have become available to the livestock industries. These include new ways to extract DNA, and run on a SNP (Single Nucleotide Polymorphism) panel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

WIRRUNA GUARANTEE

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,
- semen motility & morphology
- testicle size & conformation, and
- serving ability is observed

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

2 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.

What is your obligation?

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

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

AI SIRE PERFORMANCE DATA

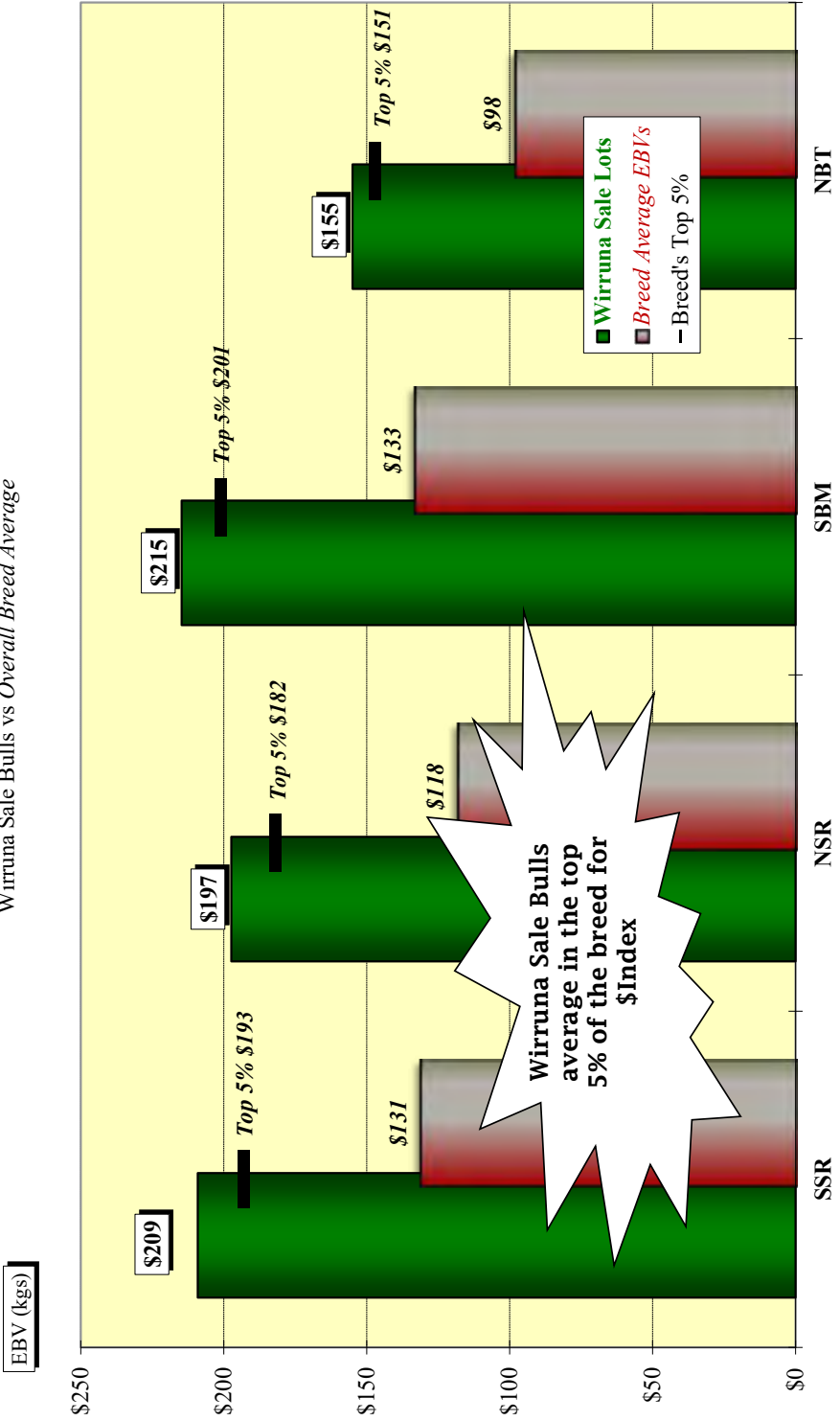
Sire Name	CALVING EASE				CROWTH RATE				MILKING				REPRODUCTION				CARCASS DATA SERV.				SINDRIX VALUE				Lot Nos
	Calv. Inc. Rate	Calv. Inc. Days	Calv. Inc. Weight	200 Day Growth	600 Day Growth	600 Day Weight	600 Day Milk	600 Day Milk	600 Day Milk	600 Day Milk	600 Day Milk	600 Day Milk	600 Day Milk	600 Day Milk	600 Day Milk	600 Day Milk	600 Day Milk	600 Day Milk	600 Day Milk	600 Day Milk	600 Day Milk	600 Day Milk	600 Day Milk	600 Day Milk	
CHURCHILL STUD 3134A (IMP USA)	+3.6	+6.5	+2.2	+4.0	+41	+71	+97	+54	+24	+3.3	-4.1	+64.0	+8.9	+3.0	+1.6	+1.1	+1.7	-3.3	+5211	+5193	+5210	+5141	36,41		
GLENTVOK TRUST N909	+1.1	+10.2	-5.1	+1.6	+42	+72	+93	+71	+22	+3.3	-3.6	+70.0	+4.1	+1.1	+1.2	+0.6	+1.4	+9	+5197	+5187	+5223	+5163	1,4,15,71		
LIMEHILLS STARTER 160602	+3.6	+5.6	-3.6	+4.1	+44	+79	+114	+98	+15	+2.2	-2.9	+88.0	+6.0	+1.2	+1.3	+1.1	+0.7	+3	+5205	+5191	+5210	+5149	12		
NJW 79Z Z311 ENDURE 173D	+5.4	+7.7	+7.5	+3.9	+48	+86	+108	+70	+25	+3.0	-5.9	+73.0	+9.9	+2.5	+1.6	+1.4	+1.6	+18	+5239	+5224	+5239	+5164	34,39,44,60		
TACOMBE CADBURY P181	+3.3	+6.5	-2.3	+6.2	+54	+94	+124	+104	+20	+4.8	-3.9	+94.0	+8.2	+0.0	+0.0	+2.8	+1.2	+16	+5237	+5236	+5240	+5172	10,11,13,16,33,40		
YAVENVALE JUKE 0022	-2.3	+6.2	-1.8	+6.6	+49	+79	+116	+101	+19	+1.6	+0.1	+67.0	+2.4	-0.1	-0.7	-0.1	+3.2	+7	+5175	+5143	+5178	+5110	72,73		

Reference Sires - WPHS

Paddock SIRE PERFORMANCE DATA

Sire Name	CALVING EASE				CROWTH RATE				MILKING				REPRODUCTION				CARCASS DATA SERV.				SINDRIX VALUE				Lot Nos
	Calv. Inc. Rate	Calv. Inc. Days	Calv. Inc. Weight	200 Day Growth	600 Day Growth	600 Day Weight	600 Day Milk	600 Day Milk	600 Day Milk	600 Day Milk	600 Day Milk	600 Day Milk	600 Day Milk	600 Day Milk	600 Day Milk	600 Day Milk	600 Day Milk	600 Day Milk	600 Day Milk	600 Day Milk	600 Day Milk	600 Day Milk	600 Day Milk	600 Day Milk	
WIRRUNA FLETCHER F214	+8.4	+10.0	-6.8	+4.4	+47	+72	+93	+56	+22	+1.8	-7.3	+67.0	+5.8	+0.1	-1.9	+1.4	+2.4	-1	+5232	+5207	+5233	+5158	53,57,61,74		
WIRRUNA KALINDA K326	+11.7	+6.2	-4.9	+0.5	+40	+65	+79	+39	+26	+4.7	-7.1	+65.0	+4.4	+2.8	-3.5	-0.1	+2.1	-5	+5205	+5198	+5219	+5158	2		
WIRRUNA LEDGER L285	+4.3	+2.6	-2.1	+3.7	+48	+79	+101	+73	+19	+4.4	-4.9	+80.0	+6.2	+1.5	+2.0	+0.8	+1.2	+13	+5203	+5194	+5203	+5145	3		
WIRRUNA NIXON N168	-1.2	+1.1	+1.4	+4.8	+45	+76	+98	+69	+15	+3.9	-3.6	+67.0	+5.0	+2.2	+3.2	-0.6	+2.3	+11	+5179	+5167	+5168	+5119	20,37,46,77		
WIRRUNA NAPIER N216	+6.7	+9.8	-2.6	+4.3	+34	+69	+88	+69	+19	+3.1	-5.0	+65.0	+9.6	+1.6	+1.4	+1.3	+3.3	-15	+5213	+5203	+5219	+5158	7		
WIRRUNA PRIZE FIGHTER P041	+11.1	+1.0	-6.3	+1.7	+30	+56	+70	+55	+14	+2.7	-8.2	+61.0	+7.1	+2.1	+3.6	+1.6	+0.4	+17	+5180	+5185	+5187	+5141	65,76		
WIRRUNA PAPA P149	+7.5	+7.2	-4.5	+5.0	+37	+71	+97	+80	+20	+3.3	-3.5	+69.0	+6.5	+0.9	+1.3	+2.7	+1.0	+12	+5205	+5199	+5219	+5159	28,32,42,47,48		
WIRRUNA PROMISE P239	+6.2	+0.9	-0.2	+1.9	+42	+77	+103	+70	+24	+6.5	-6.0	+75.0	+7.8	+0.5	+0.5	+0.1	+2.6	+10	+5219	+5204	+5220	+5163	8,9,23,26		
WIRRUNA QUAN Q001	+5.9	+10.2	-8.1	+6.7	+49	+76	+109	+81	+23	+1.2	-6.1	+79.0	+5.0	+0.5	+0.5	+3.0	+1.4	+0	+5240	+5221	+5241	+5145	38,50		
WIRRUNA QUEENSLIFF Q027	-0.4	+5.4	-1.7	+4.7	+50	+91	+126	+115	+27	+3.2	-6.3	+91.0	+7.8	+1.0	+1.0	+1.9	+1.2	+9	+5222	+5203	+5215	+5185	18,25,45,49,69		
WIRRUNA QANTAS Q036	+10.4	+4.3	-3.7	+3.2	+49	+82	+114	+81	+25	+6.2	-6.6	+87.0	+5.0	+2.4	+3.4	-0.2	+3.1	-12	+5248	+5234	+5260	+5194	14,17,19,35,54,55,56,58,62,68		
WIRRUNA QAJER Q071	+10.6	+7.3	-5.4	+0.7	+34	+59	+75	+50	+21	+5.2	-5.9	+38.0	+2.7	+1.7	+2.0	+0.3	+1.5	+12	+5177	+5168	+5193	+5140	27,75		
WIRRUNA QUALITY Q100	+8.9	+6.3	-5.6	+5.1	+48	+79	+110	+89	+20	+3.0	-3.8	+72.0	+5.3	+1.6	+2.0	+0.3	+3.1	-6	+5226	+5212	+5241	+5181	22,29		
WIRRUNA QUAY Q118	+4.9	+0.2	-5.0	+4.0	+44	+81	+103	+71	+19	+5.8	-6.2	+77.0	+5.1	+1.7	+2.6	+0.1	+2.1	+21	+5204	+5193	+5204	+5187	31,52,78		
WIRRUNA QUAMBONE Q135	+9.5	+7.4	-2.9	+3.2	+43	+80	+107	+67	+29	+2.1	-5.3	+85.0	+7.5	+2.0	+2.0	+0.9	+3.0	-8	+5248	+5228	+5259	+5187	59,64,67		
WIRRUNA QUERIDO Q266	+8.1	+2.6	+0.5	+4.3	+49	+78	+104	+54	+22	+2.8	-4.7	+72.0	+7.2	+2.3	+2.1	+0.5	+4.0	+7	+5242	+5219	+5245	+5177	63		
WIRRUNA QUARTERBACK Q281	+9.8	+2.3	-3.9	+4.0	+42	+86	+115	+85	+18	+6.7	-5.7	+80.0	+5.8	+1.4	+1.9	+1.1	+1.7	-8	+5243	+5231	+5252	+5185	21,30,66		
Bred Ave. 270 drop	+2.5	+2.1	-0.7	+3.9	+33	+55	+77	+65	+17	+2.1	-3.0	+51	+3.8	+0.8	+1.0	+0.8	+0.6	+3	+313	+318	+313	+308	Yellow highlight: top 20%		
Top 20% of breed 270 drop	+0.8	+0.8	-0.9	+2.1	+08	+41	+68	+48	+21	+0.9	-4.9	+41	+4.0	+1.8	+1.9	+1.8	+1.1	+0.9	+189	+192	+191	+187	Black highlight: top 5%		
Top 5% of breed 20 drop	+0.4	+0.3	-0.1	+0.1	+04	+18	+30	+20	+0.8	-1.0	+0.1	+0.8	+0.2	+0.1	+0.2	+0.2	+0.1	+0.7	+108	+102	+101	+100			

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





Pen No. 5 (Wirruna Sires)

Birth Date: 5-Aug-20
 Society ID: WNR084
 Horn/Scurs/Poll: P

- A stylish curve-bending sire by Glentrevor Trust N909
- He carries exceptional growth (top 5%) from a strong calving ease base
- A high libido sire with 18 progeny at Wirruna - a proven performer over heifers
- He features excellent structure, docility, proven fertility & top 5% \$Indices
50% Semen rights retained

Easy-calve

┌─── NJW 73S M326 TRUST 100W
 ELITE TRUST K215
 ELITE RUTH 0219 D163

Sire: **GLENTREVOR TRUST N909 (HYAN909)**
 SOUTH BUKALONG WALLACE 2
 ┌─── GLENTREVOR SIRIKIT J504
 GLENTREVOR SIRIKIT F252

┌─── ALLENDALE ANZAC E114
 WIRRUNA MATTY M288
 WIRRUNA CIRCLE H13

Dam: **WIRRUNA GOLDEN VANITY P412 (WNP412)**
 MOUNT DIFFICULT CADBURY
 ┌─── WIRRUNA GOLDEN VANITY M156
 WIRRUNA GOLDEN VANITY J342



Dec 2022 GROUP BREEDPLAN EBV's

CALVING EASE EBVs				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	+7.9	-5.6	+3.2	+48	+80	+109	+98	+18
63%	43%	76%	85%	76%	73%	74%	66%	52%

FERTILITY EBVs		CARCASE EBVs						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Docility
+3.0	-2.5	+80	+3.9	+0.6	+0.6	+0.6	+1.5	+15
78%	40%	60%	53%	57%	61%	54%	59%	53%

STRUCTURAL ASSESSMENT							16-Dec-22	
Front 6	Back 5	Front 6	Back 6	5	5	3	Muscle Score C+	Temp. 1

SINDEX VALUE				HVC BULL CHECK			EYES	Polled Gene
SSR	NSR	SBM	NBT	18-Oct-22	✓ Vet.	✓ PM%	100/95	Homz
\$199	\$187	\$216	\$161	41	✓ Serv.	NM%	4	PP

Purchaser _____

Price _____

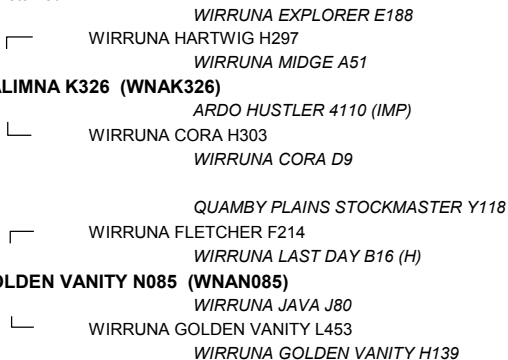


Pen No. 5 (Wirruna Sires)

Birth Date: 5-Aug-20
 Society ID: WNR105
 Horn/Scurs/Poll: P

- Recently nominated as a HAL Super Sire - a proven sire
- Highest sire in the breed for SSR \$Index out of a highly respected dam
- I love his trait balance of CE, growth, high fertility, B- muscle & marbling
- A first choice Wirruna sire for near perfect feet & outstanding phenotype
'Star Lot', 50% Semen rights retained

Easy-calve



Dec 2022 GROUP BREEDPLAN EBV's

CALVING EASE EBVs				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
+8.6	+7.5	-4.9	+3.9	+46	+77	+99	+57	+18
58%	49%	76%	79%	73%	72%	73%	69%	63%

FERTILITY EBVs		CARCASE EBVs						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Docility
+3.6	-8.3	+75	+6.1	+2.5	+2.6	+0.8	+2.5	+8
78%	51%	65%	61%	63%	65%	58%	64%	58%

STRUCTURAL ASSESSMENT							16-Dec-22	
							Muscle Score	
5	5	6	7	4	5	4	B-	Temp. 1

SINDEX VALUE				HVC BULL CHECK			EYES	Polled Gene
SSR	NSR	SBM	NBT	18-Oct-22	✓ Vet.	✓ PM%	100/100	Homz
\$257	\$247	\$252	\$171		✓ Serv.			PP
				40		NM%	4	

Purchaser _____

Price _____



Pen No. 5 (Wirruna Sires)

Birth Date: 6-Aug-20
 Society ID: WNR121
 Horn/Scurs/Poll: P

- A proven Wirruna sire with top-end muscle & marbling scans
- This culminates in the valuable trait combination of top 5% EMA & IMF%
- He offers top 3% early growth traits, without compromising the CE traits
- Will boost growth, carcase performance & profit potential (top 1% \$Index)

Easy-calve

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

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

Dam: WIRRUNA CIRCLE N057 (WNAN057)
 ┌── ELITE 4110 E212

┌── WIRRUNA CIRCLE L81
 WIRRUNA CIRCLE F31



Dec 2022 GROUP BREEDPLAN EBV's

CALVING EASE EBVs				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
+8.6	+6.8	-5.1	+3.6	+48	+82	+110	+86	+21
60%	48%	76%	86%	76%	73%	74%	68%	60%

FERTILITY EBVs		CARCASE EBVs						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Dolicity
+3.3	-4.7	+81	+6.5	+0.8	+0.4	+1.3	+2.3	+14
78%	47%	60%	55%	57%	61%	55%	59%	57%

STRUCTURAL ASSESSMENT							16-Dec-22	
							Muscle Score	
6	6	6	6	5	6	4	C+	Temp. 2

SINDEX VALUE				HVC BULL CHECK			EYES	Polled Gene
SSR	NSR	SBM	NBT	18-Oct-22	Vet.	PM%	100/100	Homz
\$233	\$217	\$244	\$180		✓			Homz
				42	✓	NM%	4	PP

Purchaser _____

Price _____



Pen No. 5 (Wirruna Sires)

Birth Date: 6-Aug-20
 Society ID: WNAR133
 Horn/Scurs/Poll: P

- A long-bodied Trust son with docile nature & sound structure
- Out of a top female, chosen for donor duties with 17 progeny
- Proven calving ease over heifers at Wirruna - progeny exhibit good growth
- Amongst the breed's highest rated bulls for \$Index values - The Profit EBV!

'Star Lot', 50% Semen rights retained

Easy-calve

— NJW 73S M326 TRUST 100W
 — ELITE TRUST K215
 ELITE RUTH 0219 D163

Sire: **GLENTREVOR TRUST N909 (HYAN909)**

— SOUTH BUKALONG WALLACE 2
 — GLENTREVOR SIRIKIT J504
 GLENTREVOR SIRIKIT F252

— WIRRUNA HARTWIG H297
 — WIRRUNA KALIMNA K326
 WIRRUNA CORA H303

Dam: **WIRRUNA MADAM P012 (WNAP012)**

— ALLENDALE ANZAC E114
 — WIRRUNA MADAM L78
 WIRRUNA MADAM E325



Dec 2022 GROUP BREEDPLAN EBV's

CALVING EASE EBV's				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
+8.7	+8.1	-5.4	+3.2	+46	+84	+114	+89	+17
58%	41%	76%	81%	74%	72%	73%	65%	52%

FERTILITY EBV's		CARCASE EBV's						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Docility
+3.7	-3.5	+82	+3.7	+1.3	+1.4	+0.4	+1.9	+10
78%	41%	60%	54%	57%	60%	54%	59%	54%

STRUCTURAL ASSESSMENT							16-Dec-22	
							Muscle Score	
6	6	6	5	4	5	4	C+	Temp. 1

SINDEX VALUE				HVC BULL CHECK			EYES	Polled Gene
SSR	NSR	SBM	NBT	18-Oct-22	✓ Vet.	✓ PM%	100/100	Homz
\$232	\$218	\$247	\$178		✓ Serv.			PP
				43		NM%	4	

Purchaser _____

Price _____



Pen No. 5 (Wirruna Sires)

Birth Date: 7-Aug-20
 Society ID: WNNAR186
 Horn/Scurs/Poll: P

- Long & well-fleshed Wirruna sire with soft skin & hair
- Among the better weight gainers in his cohort - top 5% early growth
- Largest testicles & highest fertility credentials (top 1% SS & DtC EBVs)
- A genetic dehorner with top 1% \$Index for maternal programs

NB. Slight swelling in left hock, + old pink-eye scar (RHS)

OTAPAWA SPARK 3060 (IMP)

┌ WIRRUNA LINDLEY L477
 WIRRUNA MABEL F127

Sire: **WIRRUNA PALLETABULL P611 (WNA611)**

└ MOUNT DIFFICULT CADBURY

┌ WIRRUNA CORA J8
 WIRRUNA CORA G67

QUAMBY PLAINS STOCKMASTER Y118

┌ WIRRUNA FLETCHER F214
 WIRRUNA LAST DAY B16 (H)

Dam: **WIRRUNA LAST DAY N050 (WNA050)**

└ WIRRUNA HERNANDO H47
 WIRRUNA LAST DAY L240
 WIRRUNA LAST DAY J70



Dec 2022 GROUP BREEDPLAN EBV's

CALVING EASE EBVs				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	+7.5	-6.1	+5.4	+45	+76	+99	+79	+14
5.4%	39%	63%	86%	74%	70%	72%	65%	53%

FERTILITY EBVs		CARCASE EBVs						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Docility
+6.6	-8.0	+66	+6.4	+0.7	+0.4	+1.8	+1.6	+8
76%	40%	57%	50%	54%	58%	51%	55%	46%

STRUCTURAL ASSESSMENT							16-Dec-22	
							Muscle Score	
6	5	5	5	4	6	5	C+	Temp. 1

SINDEX VALUE				HVC BULL CHECK			EYES	Polled Gene
SSR	NSR	SBM	NBT	21-Jun-22	✓ Vet.	✓ PM%	100/100	Homz
\$229	\$221	\$222	\$154		✓ Serv.			PP
				42		NM%	4	

Purchaser _____

Price _____



Pen No. 5 (Wirruna Sires)

Birth Date: 9-Aug-20
 Society ID: WNNAR203
 Horn/Scurs/Poll: P

- A classy & well-muscled Lennox son out of the great G7
- Offers plenty of growth - top 5% for 200D, 400D & CWT EBVs
- A B- muscle pattern supported by top-end EMA & RBV% EBVs
- Used at Wirruna to capture his standout phenotype & top 1% fertility genes
'Star Lot', 50% Semen rights retained

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

Sire: **TOBRUK LENNOX (DRHL13)**

└ MOUNT DIFFICULT FELLIS Y12 (AI)
 Pine Hill MARITANA A619
 Pine Hill Maritana W575

┌ MOUNT DIFFICULT FELLIS Y12 (AI)
 WIRRUNA DAFFY D1
 MOUNT DIFFICULT LAST DAY A205

Dam: **WIRRUNA VICTORIA G7 (WNAG7)**

└ ALLENDALE NATIONAL W168
 WIRRUNA VICTORIA E112
 SOUTH BUKALONG VICTORIA 202



Dec 2022 GROUP BREEDPLAN EBV's

CALVING EASE EBVs				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
+5.3	+6.2	-1.5	+5.0	+47	+78	+100	+81	+13
63%	52%	70%	87%	78%	76%	77%	71%	64%

FERTILITY EBVs		CARCASE EBVs						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Docility
+4.9	-6.9	+77	+6.8	+1.2	+1.8	+2.1	+0.7	-1
79%	49%	64%	58%	61%	64%	59%	63%	61%

STRUCTURAL ASSESSMENT							16-Dec-22	
							Muscle Score	
6	5	6	6	5	5	5	B-	Temp. 1

SINDEX VALUE				HVC BULL CHECK			EYES	Polled Gene
SSR	NSR	SBM	NBT	18-Oct-22	✓ Vet.	✓ PM%	100/100	Homz
\$222	\$222	\$217	\$151		✓ Serv.			PP
				42		NM%	4	

Purchaser _____

Price _____



Pen No. 5 (Wirruna Sires)

Birth Date: 20-Aug-20
 Society ID: WNRAR355
 Horn/Scurs/Pol: P

- A HAL Super Sire used over heifers at Wirruna - 17 progeny
- One of the highest scans for IMF% & EMA - excellent carcase improving EBVs
- Consider his combination of top 1% muscle & marbling for high MSA Index
- Large testicles - proven fertility results with 3 joinings completed at Wirruna
'Star Lot', 50% Semen rights retained

WIRRUNA FLETCHER F214
 ┌─── WIRRUNA KATNOOK K74
 WIRRUNA VICTORIA G7
 Sire: **WIRRUNA NAPIER N216 (WNaN216)**
 NJW 73S M326 TRUST 100W
 ┌─── WIRRUNA MABEL K428
 WIRRUNA MABEL F127
 WIRRUNA EXPLORER E188
 ┌─── WIRRUNA HARTWIG H297
 WIRRUNA MIDGE A51
 Dam: **WIRRUNA GOLDEN VANITY K537 (WNAK537)**
 WIRRUNA FREDDIE F381
 ┌─── WIRRUNA GOLDEN VANITY H315
 WIRRUNA GOLDEN VANITY E401



Dec 2022 GROUP BREEDPLAN EBV's

CALVING EASE EBVs				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
+1.5	+5.4	-3.7	+2.6	+36	+69	+85	+67	+19
61%	42%	62%	85%	74%	72%	73%	66%	58%

FERTILITY EBVs		CARCASE EBVs						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Docility
+3.6	-4.9	+67	+8.1	+2.3	+3.0	+0.1	+3.1	-14
77%	44%	58%	51%	56%	60%	53%	57%	53%

STRUCTURAL ASSESSMENT							16-Dec-22	
							Muscle Score	
6	6	6	6	5	5	4	C+	Temp. 1

SINDEX VALUE				HVC BULL CHECK			EYES	Polled Gene
SSR	NSR	SBM	NBT	18-Oct-22	✓ Vet.	✓ PM%	100/100	Homz
\$183	\$176	\$178	\$130		✓ Serv.			PP
				39		NM%	4	

Purchaser _____

Price _____



Pen No. 5 (Wirruna Sires)

Birth Date: 29-Aug-20

Society ID: WNR474

Horn/Scurs/Poll: P

- Nice phenotype - dark & soft coated sire used over heifers
- Very strong calving ease credentials - 19 progeny at Wirruna
- Carries high fertility (top 2%) & carcase quality traits (top 5% IMF%)
- Rates well for the structural attributes, good head carriage & tight sheath

WIRRUNA HARTWIG H297

┌ WIRRUNA KALIMNA K326

WIRRUNA CORA H303

Sire: WIRRUNA PROMISE P239 (WNAP239)

WIRRUNA HERNANDO H47

┌ WIRRUNA CIRCLE M183

WIRRUNA CIRCLE K95

Easy-calve

NITHDALE JACKAL 090029

┌ ORARI GORGE MISCHIEF 120083

NITHDALE LESLIE 090020

Dam: WIRRUNA CORA N159 (WNAN159)

WIRRUNA HOT STUFF H356

┌ WIRRUNA CORA L487

CO-OP5 CORA G332



Dec 2022 GROUP BREEDPLAN EBV's

CALVING EASE EBVs				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
+12.7	+3.2	-2.5	-0.7	+32	+59	+71	+43	+18
57%	41%	68%	85%	75%	72%	73%	66%	54%

FERTILITY EBVs		CARCASE EBVs						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Docility
+4.2	-7.2	+61	+4.6	+1.9	+2.9	+0.1	+1.7	-3
78%	41%	59%	52%	56%	59%	53%	57%	53%

STRUCTURAL ASSESSMENT							16-Dec-22	
Front 6	Back 5	Front 5	Back 6	5	5	4	Muscle Score C+	Temp. 1

SINDEX VALUE				HVC BULL CHECK			EYES	Polled Gene
SSR	NSR	SBM	NBT	18-Oct-22	✓ Vet.	✓ PM%	100/100	Homz
\$185	\$183	\$200	\$152	41	✓ Serv.	NM%	4	PP

Purchaser _____

Price _____





COMPARISON OF GROWTH EBV'S

Growth Bulls vs Overall Breed Average

EBV



More Growth

Moderate BWT



Pen No. 7 (Growth Bulls)

Birth Date: 1-Aug-21
 Society ID: WNAS053
 Horn/Scurs/Poll: P

- A long bodied bull with natural growth & soundness
- Born light (as a twin) - impressive birth weight to lifetime growth performance
- Amongst the heaviest bulls at weaning - top 2% ranking for the weight traits
- A genetic dehorner with top 5% \$Indices indicating good profit potential

Twin

Easy-calve

WIRRUNA HARTWIG H297
 ┌── WIRRUNA KALIMNA K326
 WIRRUNA CORA H303
 Sire: **WIRRUNA PROMISE P239 (WNAP239)**
 WIRRUNA HERNANDO H47
 ┌── WIRRUNA CIRCLE M183
 WIRRUNA CIRCLE K95

 SOUTH BUKALONG WALLACE 2
 ┌── WIRRUNA JAFFA J55
 WIRRUNA VICTORIA G92
 Dam: **WIRRUNA MADAM L331 (WNAL331)**
 WIRRUNA GLENHOPE G117
 ┌── WIRRUNA MADAM J269
 WIRRUNA MADAM F68



Dec 2022 GROUP BREEDPLAN EBV's

CALVING EASE EBVs				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
+5.3	+4.7	-3.5	+4.3	+50	+84	+116	+100	+22
46%	36%	67%	73%	69%	69%	69%	63%	55%

FERTILITY EBVs		CARCASE EBVs						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Docility
+4.1	-3.5	+82	+2.1	+0.4	+0.4	+0.6	+1.3	+2
76%	42%	58%	52%	57%	60%	52%	58%	55%

STRUCTURAL ASSESSMENT							6-Dec-22	
							Muscle Score C+	 Temp. 2
6	5	6	5	5	5	5		

SINDEX VALUE				HVC BULL CHECK			EYES	Polled Gene
SSR	NSR	SBM	NBT	1-Dec-22	Vet.	PM%		Homz
\$203	\$184	\$215	\$160		✓	✓	100/100	Homz
				39	✓	✓	4	PP

Purchaser _____

Price _____



Pen No. 7 (Growth Bulls)

Birth Date: 4-Aug-21
 Society ID: WNAS081
 Horn/Scurs/Poll: S

- T Cadbury son with nice-barrelled body & good head carriage
- A little extra birthweight & growth genes, without compromising calving ease
- Combines that rare combination of top 5% yield & marbling traits
- Highest bull in the catalogue for crossbreeding \$Indices, 200D growth & CWT EBVs 'Star Lot'

KOANUI ROCKET 0219
 ┌── MOUNT DIFFICULT CADBURY
 MOUNT DIFFICULT MONIQUE V65
 Sire: **TARCOMBE CADBURY P181 (THSP181)**
 RIVER PERRY FERGUS
 ┌── TARCOMBE DOWAGER M205
 TARCOMBE DOWAGER J189

 WIRRUNA KALIMNA K326
 ┌── WIRRUNA NOEL N049
 WIRRUNA CIRCE L192
 Dam: **WIRRUNA LAST DAY Q247 (WNAQ247)**
 KCF BENNETT REVOLUTION X51
 ┌── WIRRUNA LAST DAY M423
 WIRRUNA LAST DAY G63



Dec 2022 GROUP BREEDPLAN EBV's

CALVING EASE EBVs				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
+5.9	+5.7	-3.0	+6.6	+54	+95	+127	+99	+23
43%	33%	74%	72%	66%	66%	66%	58%	50%

FERTILITY EBVs		CARCASE EBVs						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Docility
+3.6	-3.5	+93	+8.2	+0.4	+0.0	+2.5	+1.9	+3
76%	37%	54%	49%	53%	57%	50%	54%	48%

STRUCTURAL ASSESSMENT							6-Dec-22	
							Muscle Score	
7	6	6	6	5	6	4	C+	Temp. 1

SINDEX VALUE				HVC BULL CHECK			EYES	Polled Gene
SSR	NSR	SBM	NBT	1-Dec-22	✓ Vet.	✓ PM%	100/100	Hetz
\$250	\$232	\$258	\$188		✓ Serv.			Ph
				37		NM%	4	

Purchaser _____

Price _____



Pen No. 7 (Growth Bulls)

Birth Date: 4-Aug-21
 Society ID: WNAS090
 Horn/Scurs/Poll: P

- An extra-long Cadbury son displaying growth & muscle
- Among the highest average daily gainer bulls in the draft- top 1% growth traits
- Also benefits from high fertility & top 1% CWT, top 5% EMA for valuable carcasses
- Overall balance of favourable traits achieving top 1% ranking for all 4 \$Indices

KOANUI ROCKET 0219

┌ MOUNT DIFFICULT CADBURY

MOUNT DIFFICULT MONIQUE V65

Sire: **TARCOMBE CADBURY P181 (THSP181)**

RIVER PERRY FERGUS

┌ TARCOMBE DOWAGER M205

TARCOMBE DOWAGER J189

WIRRUNA JUSTIN J13

┌ WIRRUNA MALCOLM M154

WIRRUNA MADAM J74

Dam: **WIRRUNA VICTORIA P547 (WNA547)**

WIRRUNA FORT F382

┌ WIRRUNA VICTORIA M036

WIRRUNA VICTORIA K416



Dec 2022 GROUP BREEDPLAN EBV's

CALVING EASE EBV's				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	+6.2	-4.4	+7.5	+54	+95	+126	+101	+23
43%	33%	74%	71%	66%	65%	65%	57%	50%

FERTILITY EBV's		CARCASE EBV's						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Docility
+5.7	-5.7	+84	+6.6	+1.2	+1.6	+1.6	+1.5	+8
76%	38%	53%	49%	52%	57%	50%	53%	48%

STRUCTURAL ASSESSMENT							6-Dec-22	
Front 7	Back 7	Front 6	Back 7	5	5	4	Muscle Score C+	Temp. 1

SINDEX VALUE				HVC BULL CHECK			EYES	Polled Gene
SSR	NSR	SBM	NBT	1-Dec-22	✓ Vet.	✓ PM%	100/100	Homz
\$235	\$217	\$225	\$155	42	✓ Serv.	NM%	4	PP

Purchaser _____

Price _____



Pen No. 7 (Growth Bulls)

Birth Date: 5-Aug-21
 Society ID: WNAS122
 Horn/Scurs/Poll: P

- A long & proud bull with dark-red coat & well pigmented eyes
- Weight comes in length & capacity - early growth traits rate in top 10% of breed
- Boost progeny carcase performance with top 5% CWT, EMA & RBY%
- High scan for fat traits reveals his obvious softness & finishing ability

LIMEHILLS STAMPER 110429
 ┌ LIMEHILLS STAMPER 140064
 LIMEHILLS LEONORA 749
 Sire: LIMEHILLS STARTER 160062 (OSA0677160062NZHB)
 OKAWA ELECTRA 1117
 ┌ LIMEHILLS BEAUTY 140225
 LIMEHILLS BEAUTY 110483

ALLENDALE ANZAC E114
 ┌ WIRRUNA LEDGER L285
 WIRRUNA DOREEN G115
 Dam: WIRRUNA GOLDEN VANITY N466 (WNAN466)
 WIRRUNA HURRICANE H132
 ┌ WIRRUNA GOLDEN VANITY K227
 WIRRUNA GOLDEN VANITY H53



Dec 2022 GROUP BREEDPLAN EBV's

CALVING EASE EBVs				GROWTH & MATERNAL				
Calving Ease DIR (%)	Calving Ease DTRS (%)	Gestation Length (days)	Birth Weight	200-Day Growth	400-Day Weight	600-Day Weight	Mat Cow Weight	Genetic Milk
+3.0	+2.7	-3.4	+4.5	+44	+70	+96	+75	+14
51%	41%	76%	74%	69%	69%	70%	64%	58%

FERTILITY EBVs		CARCASE EBVs						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBY (%)	IMF (%)	Dolcility
+2.9	-4.0	+74	+7.4	+1.3	+1.7	+2.5	+0.1	+6
78%	39%	58%	53%	57%	61%	55%	58%	54%

STRUCTURAL ASSESSMENT							6-Dec-22	
							Muscle Score	
6	6	5	6	5	5	4	C+	Temp. 2

SINDEX VALUE				HVC BULL CHECK			EYES	Polled Gene
SSR	NSR	SBM	NBT	1-Dec-22	✓ Vet.	✓ PM%	100/100	Homz
\$193	\$190	\$190	\$133		✓ Serv.			PP
				40		NM%	4	

Purchaser _____

Price _____



Pen No. 7 (Growth Bulls)

Birth Date: 6-Aug-21
 Society ID: WNAS132
 Horn/Scurs/Poll: P

- These Cadbury sons offer growth & frame
- Top 5% early growth EBVs without poor CE traits or driving cow maintenance cost
- Excellent fertility attributes - large testicle size, top 5% DtC & SS EBVs
- Carries strong milk, is homozygous polled & good temperament

KOANUI ROCKET 0219
 ┌── MOUNT DIFFICULT CADBURY
 MOUNT DIFFICULT MONIQUE V65
 Sire: **TARCOMBE CADBURY P181 (THSP181)**
 RIVER PERRY FERGUS
 ┌── TARCOMBE DOWAGER M205
 TARCOMBE DOWAGER J189

 ALLENDALE ANZAC E114
 ┌── WIRRUNA LEDGER L285
 WIRRUNA DOREEN G115
 Dam: **WIRRUNA GOLDEN VANITY P331 (WNAP331)**
 WIRRUNA FORT F382
 ┌── WIRRUNA GOLDEN VANITY J329
 WIRRUNA GOLDEN VANITY E453 (



Dec 2022 GROUP BREEDPLAN EBV's

CALVING EASE EBVs				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	+4.9	-0.7	+5.2	+47	+78	+103	+84	+23
44%	35%	75%	72%	67%	66%	66%	59%	52%

FERTILITY EBVs		CARCASE EBVs						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Docility
+4.9	-5.7	+73	+4.1	+0.5	+0.8	+0.9	+0.8	+15
77%	39%	54%	50%	54%	58%	51%	55%	50%

STRUCTURAL ASSESSMENT							6-Dec-22	
							Muscle Score	
7	6	6	6	5	5	4	C+	Temp. 1

SINDEX VALUE				HVC BULL CHECK			EYES	Polled Gene
SSR	NSR	SBM	NBT	1-Dec-22	✓ Vet.	✓ PM%	100/100	Homz
\$193	\$176	\$194	\$138		✓ Serv.			PP
				42		NM%	4	

Purchaser _____

Price _____



Pen No. 7 (Growth Bulls)

Birth Date: 5-Aug-21
 Society ID: WNAS137
 Horn/Scurs/Poll: P

- Qantas progeny are the stand-out calves of the cohort
- Top 1% growth & top 20% CE(Dir) boosts the profit arithmetic - top 1% \$Indices
- Highest marbling scan of the cohort - combines top 1% IMF% with top 5% EMA
- I really like this fellow for his clean front-end, body depth & overall conformation 'Star Lot'

WIRRUNA HARTWIG H297

┌─── WIRRUNA KALIMNA K326
 WIRRUNA CORA H303

Sire: WIRRUNA QANTAS Q036 (WNAQ036)

┌─── WIRRUNA KEITH K169
 WIRRUNA LETITIA M367
 WIRRUNA LETITIA J135

NJW 73S M326 TRUST 100W

┌─── WIRRUNA KIRLEY K368
 WIRRUNA NADIA F44

Dam: WIRRUNA MADAM M476 (WNAM476)

┌─── INJEMIRA ADVANCE Y203 (H)
 WIRRUNA MADAM K254
 WIRRUNA MADAM F355



Dec 2022 GROUP BREEDPLAN EBVs

CALVING EASE EBVs				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
+7.4	+4.2	-3.2	+6.3	+51	+87	+123	+95	+20
44%	33%	73%	72%	67%	67%	67%	60%	53%

FERTILITY EBVs		CARCASE EBVs						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Docility
+5.1	-5.5	+85	+7.0	+2.0	+2.6	+0.8	+2.4	-14
66%	38%	55%	49%	54%	57%	47%	55%	51%

STRUCTURAL ASSESSMENT							6-Dec-22	
							Muscle Score	
6	6	5	6	4	5	3	C+	Temp. 2

SINDEX VALUE				HVC BULL CHECK			EYES	Polled Gene
SSR	NSR	SBM	NBT	1-Dec-22	✓ Vet.	✓ PM%	100/90	Homz
\$252	\$238	\$257	\$187	37	✓ Serv.	NM%	4	PP

Purchaser _____

Price _____



Pen No. 7 (Growth Bulls)

Birth Date: 7-Aug-21
Society ID: WNAS151

Horn/Scurs/Poll: P

- Lots of growth offered by the dark-red & fine-coated bull
- Top 1% growth & carcase weight EBVs - in a moderate frame!
- Note the positive CE - breaks the usual genetic correlations between BWT & CE
- High fertility helps to achieve \$Index rankings in top 1% - the profit EBV

NJW 73S M326 TRUST 100W

┌ ELITE TRUST K215

ELITE RUTH 0219 D163

Sire: GLENTREVOR TRUST N909 (HYAN909)

SOUTH BUKALONG WALLACE 2

┌ GLENTREVOR SIRIKIT J504

GLENTREVOR SIRIKIT F252

LIMEHILLS STAMPER 140064

┌ LIMEHILLS STARTER 160062

LIMEHILLS BEAUTY 140225

Dam: WIRRUNA URSULA Q083 (WNAQ083)

ALLENDALE ANZAC E114

┌ WIRRUNA URSULA N151

WIRRUNA VICTORIA G92



Dec 2022 GROUP BREEDPLAN EBV's

CALVING EASE EBVs				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
+4.7	+6.1	-2.5	+7.2	+54	+98	+135	+134	+10
49%	36%	76%	73%	69%	68%	69%	61%	50%

FERTILITY EBVs		CARCASE EBVs						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Dolcility
+5.0	-5.1	+85	+4.3	+1.1	+1.5	+0.2	+1.3	+9
78%	37%	57%	52%	55%	59%	53%	58%	53%

STRUCTURAL ASSESSMENT							6-Dec-22	
							Muscle Score	
6	6	6	5	5	5	4	C+	Temp. 2

SINDEX VALUE				HVC BULL CHECK			EYES	Polled Gene
SSR	NSR	SBM	NBT	1-Dec-22	Vet.	PM%		Homz
\$234	\$219	\$237	\$173		<input checked="" type="checkbox"/>		95/100	Homz
					<input checked="" type="checkbox"/>		4	PP

Purchaser _____

Price _____



Pen No. 7 (Growth Bulls)

Birth Date: 8-Aug-21
 Society ID: WNAS185
 Horn/Scurs/Poll: P

- A nice deep-sided fellow with good head & neck extension
- Growth & carcase weight EBVs rated in the breed's top 1%
- Herd improving carcase attributes with high-end muscle & yield EBVs
- Across the board genetic strength - high EBVs across a range of economic traits

KOANUI ROCKET 0219
 ┌── MOUNT DIFFICULT CADBURY
 MOUNT DIFFICULT MONIQUE V65
 Sire: **TARCOMBE CADBURY P181 (THSP181)**
 RIVER PERRY FERGUS
 ┌── TARCOMBE DOWAGER M205
 TARCOMBE DOWAGER J189

 OTAPAWA SPARK 3060 (IMP)
 ┌── TOBRUK LENNOX
 Pine Hill MARITANA A619
 Dam: **WIRRUNA LAST DAY P246 (WNAP246)**
 GH ADAMS TARGET 5S (IMP)
 ┌── WIRRUNA LAST DAY G100
 WIRRUNA LAST DAY B16 (H)



Dec 2022 GROUP BREEDPLAN EBV's

CALVING EASE EBVs				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
+4.8	+7.5	-2.8	+5.9	+51	+90	+118	+96	+13
43%	34%	75%	72%	66%	66%	66%	58%	51%

FERTILITY EBVs		CARCASE EBVs						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Docility
+3.9	-4.3	+89	+8.8	+0.3	+0.0	+3.0	+1.0	-2
76%	37%	54%	49%	53%	57%	51%	54%	49%

STRUCTURAL ASSESSMENT							6-Dec-22	
							Muscle Score	
7	6	7	6	5	5	4	C+	Temp. 1

SINDEX VALUE				HVC BULL CHECK			EYES	Polled Gene
SSR	NSR	SBM	NBT	1-Dec-22	✓ Vet.	✓ PM%	100/100	Hetz
\$245	\$237	\$245	\$172		✓ Serv.			Ph
				37		NM%	4	

Purchaser _____

Price _____



Pen No. 7 (Growth Bulls)

Birth Date: 8-Aug-21
 Society ID: WNAS206
 Horn/Scurs/Poll: P

- A high \$Index Qantas son showing growth & butt-shape
- Growth EBVs are at the top-end of the catalogue & breed
- Also top-end carcase traits - top 1% CWT, top 5% EMA & IMF% EBVs
- Large testicle size (top 1% SS) are further supported by top 5% DtC EBV

WIRRUNA HARTWIG H297

┌ WIRRUNA KALIMNA K326
 WIRRUNA CORA H303

Sire: **WIRRUNA QANTAS Q036 (WNAQ036)**

┌ WIRRUNA KEITH K169
 WIRRUNA LETITIA M367
 WIRRUNA LETITIA J135

KOANUI UNANIMOUS 0408

┌ KOANUI TECHNO 3062
 KOANUI BLUSH 6455

Dam: **WIRRUNA VICTORIA Q365 (WNAQ365)**

┌ WIRRUNA GABU G134
 WIRRUNA VICTORIA J302
 WIRRUNA VICTORIA G204 (H)



Dec 2022 GROUP BREEDPLAN EBV's

CALVING EASE EBVs				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
+3.5	+2.4	-4.9	+7.2	+54	+89	+128	+99	+23
47%	37%	74%	73%	67%	67%	67%	60%	53%

FERTILITY EBVs		CARCASE EBVs						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Docility
+5.4	-5.8	+90	+6.6	+1.4	+1.8	+1.6	+1.9	-3
76%	40%	57%	52%	56%	59%	52%	57%	53%

STRUCTURAL ASSESSMENT							6-Dec-22	
							Muscle Score	
6	6	7	7	4	5	4	C+	Temp. 2

SINDEX VALUE				HVC BULL CHECK			EYES	Polled Gene
SSR	NSR	SBM	NBT	1-Dec-22	Vet.	PM%		Homz
\$248	\$230	\$244	\$175		✓		100/100	Homz
				42	✓	NM%	3	PP

Purchaser _____

Price _____



Pen No. 7 (Growth Bulls)

Birth Date: 8-Aug-21
 Society ID: WNAS207
 Horn/Scurs/Poll: P

- Offers length of body & structural soundness
- Strong average daily weight gain performance from a moderate BWT
- 400D & 600D growth in breed top 1% for heavier carcasses, sooner
- Also features top 10% milk, top 5% DtC & top 1% \$Index values

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

Sire: **WIRRUNA QUEENSCLIFF Q027 (WNAQ027)**
 ┌── OTAPAWA SPARK 3060 (IMP)
 WIRRUNA HYACINTH K9
 WIRRUNA HYACINTH G256

NJW 73S M326 TRUST 100W
 ┌── ELITE TRUST 4300 N124
 ELITE SONGBIRD 3060 K51

Dam: **WIRRUNA UNDERTONE Q275 (WNAQ275)**
 ┌── WIRRUNA GOONDIWINDI G391
 WIRRUNA UNDERTONE J290
 WIRRUNA UNDERTONE F19



Dec 2022 GROUP BREEDPLAN EBV's

CALVING EASE EBVs				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	+7.0	-2.8	+4.7	+46	+97	+132	+136	+24
43%	34%	59%	72%	66%	66%	66%	59%	52%

FERTILITY EBVs		CARCASE EBVs						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Dolcility
+2.2	-6.4	+89	+5.3	+1.3	+1.7	+0.6	+1.5	+4
77%	39%	54%	49%	54%	58%	51%	54%	47%

STRUCTURAL ASSESSMENT							6-Dec-22	
							Muscle Score	
6	5	5	6	5	5	4	C+	Temp. 2

SINDEX VALUE				HVC BULL CHECK			EYES	Polled Gene
SSR	NSR	SBM	NBT	1-Dec-22	✓ Vet.	✓ PM%	80/95	Homz
\$230	\$209	\$238	\$180		✓ Serv.			PP
				37		NM%	4	

Purchaser _____

Price _____



Pen No. 7 (Growth Bulls)

Birth Date: 13-Aug-21
 Society ID: WNAS279
 Horn/Scurs/Poll: S

- Good looking Qantas son showing capacity & fine hair-type
- Achieved excellent weight/day performance - top 1% growth EBVs
- All \$Indices in the top 1% of the breed - lifting herd profit potential
- I appreciate his strong growth from a positive calving ease foundation

WIRRUNA HARTWIG H297

┌─── WIRRUNA KALIMNA K326
 WIRRUNA CORA H303

Sire: **WIRRUNA QANTAS Q036 (WNAQ036)**

┌─── WIRRUNA KEITH K169
 WIRRUNA LETITIA M367
 WIRRUNA LETITIA J135

MOUNT DIFFICULT CADBURY

┌─── WIRRUNA MEARS M032
 WIRRUNA FLORA J190

Dam: **WIRRUNA DOREEN P343 (WNAP343)**

┌─── WIRRUNA JUSTIN J13
 WIRRUNA DOREEN M462
 DUNOON DOREEN D118



Dec 2022 GROUP BREEDPLAN EBV's

CALVING EASE EBVs				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	+5.1	-7.9	+5.4	+54	+87	+126	+118	+18
44%	33%	64%	73%	67%	67%	67%	59%	52%

FERTILITY EBVs		CARCASE EBVs						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Docility
+5.0	-5.3	+87	+3.6	+1.2	+1.7	+0.2	+1.9	-9
77%	40%	55%	50%	55%	58%	52%	55%	52%

STRUCTURAL ASSESSMENT							6-Dec-22	
							Muscle Score	
6	6	6	7	6	5	4	C+	Temp. 2

SINDEX VALUE				HVC BULL CHECK			EYES	Polled Gene
SSR	NSR	SBM	NBT	1-Dec-22	✓ Vet.	✓ PM%	95/100	Hetz
\$230	\$215	\$241	\$182		✓ Serv.			Ph
				37		NM%	3	

Purchaser _____

Price _____



Pen No. 7 (Growth Bulls)

Birth Date: 13-Aug-21
 Society ID: WNAS284
 Horn/Scurs/Poll: P

- A chip off the old block - long, growthy & mid-maturity
- Heaviest calf as a weaner - an attractive & easy-doing bull
- Top 5% ranking for 200D & 400D weights to boost early growth performance
- Strong maternal background - Dam is a stayer cow with 7 progeny

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

Sire: **WIRRUNA NIXON N168 (WNAN168)**
 ┌── ELITE 4110 E212
 WIRRUNA DIDO H45
 WIRRUNA Dido F371

MATARIKI HOLY-SMOKE
 ┌── WIRRUNA JACQUES J69
 WIRRUNA PENELOPE E230

Dam: **WIRRUNA VICTORIA L274 (WNAL274)**
 ┌── SOUTH BUKALONG SHANNON 40
 WIRRUNA VICTORIA J339
 WIRRUNA VICTORIA E156



Dec 2022 GROUP BREEDPLAN EBV's

CALVING EASE EBVs				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	+1.1	+0.6	+5.7	+52	+76	+103	+72	+22
47%	39%	76%	74%	69%	69%	69%	63%	57%

FERTILITY EBVs		CARCASE EBVs						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Dolicity
+0.6	-4.0	+70	+3.2	+1.8	+2.9	-0.4	+1.9	+3
78%	43%	57%	52%	55%	59%	53%	57%	53%

STRUCTURAL ASSESSMENT							6-Dec-22		
	Front		Back		Front		Back		Muscle Score
6		5		6		6		C+	
				5		5		4	
									Temp. 2

SINDEX VALUE				HVC BULL CHECK			EYES	Polled Gene
SSR	NSR	SBM	NBT	1-Dec-22	✓ Vet.	✓ PM%	100/100	Homz
\$183	\$163	\$174	\$122		✓ Serv.			PP
				36		NM%	4	

Purchaser _____

Price _____



Pen No. 8 (Growth Bulls)

Birth Date: 19-Aug-21

Society ID: WNAS379

Horn/Scurs/Poll: P

- Attractive, dark-red, shapely & heaps of growth
- Highest growth EBVs in the offering - among the best in the breed
- Excellent structure & offers some of the highest \$Indices we have produced
- He also features positive CE, high fertility & very large testicles

'Star Lot'

ALLENDALE ANZAC E114

┌ WIRRUNA NEW ERA N068

WIRRUNA CORA E319

Sire: WIRRUNA QUARTERBACK Q281 (WNAQ281)

ORARI GORGE MISCHIEF 120083

┌ WIRRUNA CIRCLE N138

WIRRUNA CIRCLE L421

WIRRUNA LEGS L108

┌ WIRRUNA NESTLE N382

WIRRUNA UNDERTONE L71

Dam: WIRRUNA FLORA Q441 (WNAQ441)

MOUNT DIFFICULT HANSEN

┌ WIRRUNA FLORA M223

WIRRUNA FLORA H238



Dec 2022 GROUP BREEDPLAN EBV's

CALVING EASE EBVs				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	+3.2	-4.1	+7.2	+54	+101	+139	+120	+18
40%	29%	58%	70%	63%	63%	64%	56%	48%

FERTILITY EBVs		CARCASE EBVs						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Docility
+6.3	-5.9	+90	+5.0	+0.6	+0.8	+1.2	+1.4	+6
76%	33%	50%	46%	50%	54%	47%	50%	45%

STRUCTURAL ASSESSMENT							6-Dec-22	
							Muscle Score	
6	5	5	6	5	5	4	C+	Temp. 1

SINDEX VALUE				HVC BULL CHECK			EYES	Polled Gene
SSR	NSR	SBM	NBT	1-Dec-22	Vet.	PM%		
\$256	\$235	\$255	\$185		✓	✓	100/100	Homz
				42	Serv.	NM%	4	PP

Purchaser _____

Price _____



Pen No. 8 (Growth Bulls)

Birth Date: 21-Aug-21
 Society ID: WNAS403
 Horn/Scurs/Poll: P

- Very growthy & well-fleshed Quality son
- Achieved strong ADWG performance - top 1% ranking for growth traits
- Very good carcase traits - top 1% marbling, top 20% EMA & fat traits
- \$Index values are ranked in top 1% reflecting good balance of economic traits

ALLEDALE ANZAC E114

┌ WIRRUNA MATTY M288

└ WIRRUNA CIRCLE H13

Sire: **WIRRUNA QUALITY Q100 (WNAQ100)**

┌ WIRRUNA GABU G134

└ WIRRUNA JANETTE K54

WIRRUNA JANETTE H276

STUDBROOK D'ARTAGNION V086 (AI) (ET)

┌ OTAPAWA SPARK 3060 (IMP)

└ OTAPAWA SPOT P30

Dam: **WIRRUNA GOLDEN VANITY Q180 (WNAQ180)**

┌ WIRRUNA FORT F382

└ WIRRUNA GOLDEN VANITY M165

WIRRUNA GOLDEN VANITY K200



Dec 2022 GROUP BREEDPLAN EBV's

CALVING EASE EBVs				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
+5.6	+5.9	-4.5	+6.3	+54	+87	+126	+111	+22
46%	38%	65%	72%	66%	65%	66%	59%	52%

FERTILITY EBVs		CARCASE EBVs						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Docility
+1.5	-4.3	+87	+5.0	+1.5	+1.9	+0.4	+2.5	+9
76%	39%	55%	50%	54%	58%	52%	55%	49%

STRUCTURAL ASSESSMENT							6-Dec-22		
	Front		Back		Front		Back		Muscle Score
6		5		6		6		C+	
				5		5			Temp. 2

SINDEX VALUE				HVC BULL CHECK			EYES	Polled Gene
SSR	NSR	SBM	NBT	1-Dec-22	Vet.	PM%		Homz
\$232	\$212	\$241	\$179		✓	✓	100/100	Homz
				37	Serv.	NM%		PP

Purchaser _____

Price _____



Pen No. 8 (Growth Bulls)

Birth Date: 22-Aug-21
 Society ID: WNAS408
 Horn/Scurs/Poll: S

- Offers extra frame, length & depth of body
- Boost growth in progeny with top 3% growth EBVs
- Combines top 3% carcase weight with carcase quality, top 1% marbling
- Good arithmetic - top 1% ranking for maternal \$Indices

WIRRUNA HARTWIG H297

┌ WIRRUNA KALIMNA K326
 WIRRUNA CORA H303

Sire: **WIRRUNA PROMISE P239 (WNAP239)**

┌ WIRRUNA HERNANDO H47
 WIRRUNA CIRCLE M183
 WIRRUNA CIRCLE K95

ELITE 4110 E212

┌ WIRRUNA HOLLYWOOD H22
 WIRRUNA MADAM F18

Dam: **WIRRUNA RITO K394 (WNAK394)**

┌ WIRRUNA FREDERICK F408
 WIRRUNA RITO H342
 WIRRUNA RITO E383



Dec 2022 GROUP BREEDPLAN EBV's

CALVING EASE EBVs				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
+3.4	+2.5	-0.3	+5.8	+48	+83	+117	+82	+20
46%	36%	68%	74%	69%	69%	69%	63%	56%

FERTILITY EBVs		CARCASE EBVs						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Dolicity
+4.6	-5.0	+77	+4.4	+2.3	+3.2	-0.3	+2.9	+2
78%	40%	58%	51%	56%	59%	53%	57%	55%

STRUCTURAL ASSESSMENT							6-Dec-22		
	Front		Back		Front		Back		Muscle Score
7		6		6		6		C+	
				5		5		4	Temp. 2

SINDEX VALUE				HVC BULL CHECK			EYES	Polled Gene
SSR	NSR	SBM	NBT	1-Dec-22	✓ Vet.	✓ PM%	50/60	Hetz
\$233	\$214	\$229	\$162		✓ Serv.			
				39		NM%	4	Ph

Purchaser _____

Price _____



Pen No. 8 (Growth Bulls)

Birth Date: 22-Aug-21

Society ID: WNAS417

Horn/Scurs/Poll: P

- An long, smooth & attractive Pilot son showing thickness
- Curve-bending growth from a low birth weight & strong calving ease base
- Short-gestation length for early-born calves that are up & growing earlier
- A genetic dehorner with top 5% \$Index for strong profit potential

WIRRUNA HARTWIG H297

┌ WIRRUNA KALIMNA K326

WIRRUNA CORA H303

Sire: WIRRUNA PILOT P054 (WNAP054)

┌ ALLENDALE ANZAC E114

WIRRUNA CLARA M239

WIRRUNA CLARA F438

OTAPAWA SPARK 3060 (IMP)

┌ WIRRUNA LINDLEY L477

WIRRUNA MABEL F127

Dam: WIRRUNA GOLDEN VANITY P376 (WNAP376)

┌ WIRRUNA HURRICANE H132

WIRRUNA GOLDEN VANITY K227

WIRRUNA GOLDEN VANITY H53



Dec 2022 GROUP BREEDPLAN EBV's

CALVING EASE EBVs				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	+3.8	-7.6	+3.3	+43	+76	+101	+82	+19
45%	37%	65%	73%	68%	67%	69%	60%	52%

FERTILITY EBVs		CARCASE EBVs						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Docility
+4.9	-5.3	+74	+5.6	+1.5	+1.9	+0.8	+0.8	+4
77%	40%	58%	51%	56%	59%	52%	57%	51%

STRUCTURAL ASSESSMENT							6-Dec-22	
							Muscle Score	
6	6	6	6	4	6	4	C+	Temp. 2

SINDEX VALUE				HVC BULL CHECK			EYES	Polled Gene
SSR	NSR	SBM	NBT	1-Dec-22	✓ Vet.	✓ PM%	100/100	Homz
\$204	\$195	\$215	\$160		✓ Serv.			PP
				37		NM%	4	

Purchaser _____

Price _____



Pen No. 8 (Growth Bulls)

Birth Date: 25-Aug-21

Society ID: WNAS458

Horn/Scurs/Poll: P

- Nice phenotype with good body length & thickness
- Carries positive CE traits including breed average BWT & top 5% early growth
- Puts together carcass quantity (top 5% EMA) & quality (top 10% IMF%) traits
- Balance of economic traits results in top 5% ranking for the \$Indices

KCF BENNETT 3008 M326

┌ NJW 73S M326 TRUST 100W

NJW P606 72N DAYDREAM 73S

Sire: WIRRUNA QUEENSCLIFF Q027 (WNAQ027)

OTAPAWA SPARK 3060 (IMP)

┌ WIRRUNA HYACINTH K9

WIRRUNA HYACINTH G256

ALLENDALE ANZAC E114

┌ WIRRUNA MATTY M288

WIRRUNA CIRCLE H13

Dam: WIRRUNA VICTORIA Q057 (WNAQ057)

WIRRUNA DAFFY D1

┌ WIRRUNA VICTORIA G7

WIRRUNA VICTORIA E112



Dec 2022 GROUP BREEDPLAN EBV's

CALVING EASE EBVs				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
+5.4	+5.7	-3.1	+4.3	+44	+79	+103	+93	+19
47%	38%	61%	70%	66%	65%	66%	59%	53%

FERTILITY EBVs		CARCASE EBVs						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Dolicity
+4.1	-5.2	+76	+6.4	+1.2	+1.4	+1.3	+1.4	+13
76%	40%	55%	51%	54%	58%	52%	56%	50%

STRUCTURAL ASSESSMENT							6-Dec-22	
Front 7	Back 6	Front 6	Back 6	5	6	4	Muscle Score C+	Temp. 1

SINDEX VALUE				HVC BULL CHECK			EYES	Polled Gene
SSR	NSR	SBM	NBT	1-Dec-22	✓ Vet.	✓ PM%	100/100	Homz
\$203	\$195	\$208	\$154	39	✓ Serv.	NM%	4	PP

Purchaser _____

Price _____



Pen No. 8 (Growth Bulls)

Birth Date: 25-Aug-21
 Society ID: WNAS466
 Horn/Scurs/Poll: P

- A well-grown, deep-bodied & attractive son of Promise
- Curve bending growth - achieved strong weight/day of age performance
- Top 5% ranking for early growth traits & below breed average birth weight
- High marbling contributes to his top 5% ranking for SSR \$Index

Easy-calve

WIRRUNA HARTWIG H297
 ┌── WIRRUNA KALIMNA K326
 WIRRUNA CORA H303
 Sire: **WIRRUNA PROMISE P239 (WNAP239)**
 WIRRUNA HERNANDO H47
 ┌── WIRRUNA CIRCLE M183
 WIRRUNA CIRCLE K95

 ALLENDALE ANZAC E114
 ┌── WIRRUNA LINUS L202
 WIRRUNA GOLDEN VANITY G18
 Dam: **WIRRUNA OYSTER GIRL N487 (WNAN487)**
 EFBEEF FOREMOST U208 (IMP)
 ┌── WIRRUNA OYSTER GIRL J131
 WIRRUNA OYSTER GIRL B68



Dec 2022 GROUP BREEDPLAN EBV's

CALVING EASE EBVs				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
+4.9	+1.6	-0.6	+3.5	+45	+75	+99	+68	+21
44%	36%	65%	73%	68%	68%	68%	62%	53%

FERTILITY EBVs		CARCASE EBVs						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Dolcility
+5.2	-4.8	+66	+3.9	+1.5	+1.7	-0.2	+1.9	+11
77%	41%	57%	51%	55%	59%	52%	56%	53%

STRUCTURAL ASSESSMENT							6-Dec-22	
Front	Back	Front	Back	Side	Feet	Feet	Muscle Score	Temp.
7	5	6	5	5	5	5	C+	1

SINDEX VALUE				HVC BULL CHECK			EYES	Polled Gene
SSR	NSR	SBM	NBT	1-Dec-22	✓ Vet.	✓ PM%	100/100	Homz
\$195	\$177	\$197	\$142	40	✓ Serv.	NM%	4	PP

Purchaser _____

Price _____



Pen No. 8 (Growth Bulls)

Birth Date: 27-Aug-21
 Society ID: WNAS486
 Horn/Scurs/Poll: P

- Dark-red & fine-coated bull exhibiting good body-depth
- Offers top 5% growth & top 1% carcass weight EBVs
- I also like to see his top 20% CE(Dir) EBV - usually traded off with this level of growth
- Profitable mix of EBVs reflected by the top 3% ranking for \$Indices

WIRRUNA HARTWIG H297

┌── WIRRUNA KALIMNA K326
 WIRRUNA CORA H303

Sire: **WIRRUNA QAJEER Q071 (WNAQ071)**

┌── ALLENDALE ANZAC E114
 WIRRUNA MADAM L78
 WIRRUNA MADAM E325

KCF BENNETT REVOLUTION X51

┌── WIRRUNA MORRIS M404
 WIRRUNA CORA E319

Dam: **WIRRUNA CORA Q373 (WNAQ373)**

┌── WIRRUNA JESTER J138
 WIRRUNA CORA L455
 WIRRUNA CORA G300



Dec 2022 GROUP BREEDPLAN EBV's

CALVING EASE EBVs				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	+4.3	-1.7	+6.0	+47	+84	+116	+97	+17
41%	33%	60%	70%	64%	64%	66%	58%	52%

FERTILITY EBVs		CARCASS EBVs						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Docility
+3.7	-4.5	+80	+4.3	+0.1	-0.4	+1.7	+0.5	+7
76%	39%	54%	48%	53%	56%	49%	54%	46%

STRUCTURAL ASSESSMENT							6-Dec-22	
							Muscle Score	
6	6	6	6	5	6	4	C	Temp. 2

SINDEX VALUE				HVC BULL CHECK			EYES	Polled Gene
SSR	NSR	SBM	NBT	1-Dec-22	✓ Vet.	✓ PM%	95/100	Homz
\$219	\$199	\$228	\$164		✓ Serv.			PP
				37		NM%	4	

Purchaser _____

Price _____



Pen No. 8 (Growth Bulls)

Birth Date: 28-Aug-21
 Society ID: WNAS495
 Horn/Scurs/Poll: P

- Shows lots of natural growth, softness & good neck extension
- Top 5% for growth supported by high-end lifetime weight gains
- Scrotal size EBV in the top 5%, evidenced by large testicles
- A docile bull (top 15% Doc EBV) to boost your herd herd profit (top 5% \$Indices)

KOANUI UNANIMOUS 0408

┌ KOANUI TECHNO 3062

KOANUI BLUSH 6455

Sire: **WIRRUNA PAPA P149 (WNAP149)**

┌ WIRRUNA JACKAROO J35

┌ WIRRUNA LAST DAY L417

WIRRUNA LAST DAY J438

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



Dec 2022 GROUP BREEDPLAN EBV's

CALVING EASE EBVs				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
+5.7	+4.5	-4.9	+6.0	+47	+80	+111	+101	+14
45%	37%	64%	73%	68%	67%	68%	61%	55%

FERTILITY EBVs		CARCASE EBVs						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Docility
+3.6	-3.3	+76	+4.8	-0.1	-0.1	+2.5	+0.5	+12
77%	42%	56%	50%	54%	58%	52%	55%	52%

STRUCTURAL ASSESSMENT							6-Dec-22	
Front 6	Back 6	Front 5	Back 6	5	6	4	Muscle Score C+	Temp. 2

SINDEX VALUE				HVC BULL CHECK			EYES	Polled Gene
SSR	NSR	SBM	NBT	1-Dec-22	✓ Vet.	✓ PM%	90/45	Homz
\$206	\$196	\$215	\$158	41	✓ Serv.	NM%	3	PP

Purchaser _____

Price _____



Pen No. 8 (Growth Bulls)

Birth Date: 29-Aug-21

Society ID: WNAS497

Horn/Scurs/Poll: P

- Growthy Quality son with large-barrelled body
- Boost growth & carcase in progeny with top 1% 200D, 400D & CWT EBVs
- Nicely combines both carcase quality & quantity - Top 5% EMA & top 10% IMF%
- Another really good set of numbers results in top 1% \$Indices

ALLEDALE ANZAC E114

┌ WIRRUNA MATTY M288

WIRRUNA CIRCLE H13

Sire: WIRRUNA QUALITY Q100 (WNAQ100)

WIRRUNA GABU G134

┌ WIRRUNA JANETTE K54

WIRRUNA JANETTE H276

NITHDALE JACKAL 090029

┌ ORARI GORGE MISCHIEF 120083

NITHDALE LESLIE 090020

Dam: WIRRUNA SIRIKIT Q175 (WNAQ175)

WIRRUNA EDGEWATER E371

┌ WIRRUNA SIRIKIT G448

PINE HILL SIRIKIT D621



Dec 2022 GROUP BREEDPLAN EBV's

CALVING EASE EBVs				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
+7.0	+3.4	-3.2	+5.0	+51	+84	+116	+91	+19
44%	34%	64%	72%	66%	66%	66%	59%	53%

FERTILITY EBVs		CARCASE EBVs						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Dolicity
+2.8	-5.9	+85	+6.6	+1.9	+2.8	+1.1	+1.6	+6
76%	37%	54%	49%	54%	58%	51%	54%	49%

STRUCTURAL ASSESSMENT							6-Dec-22		
	Front		Back		Front		Back		Muscle Score
6		5		6		6		C+	
				5		5			Temp. 1

SINDEX VALUE				HVC BULL CHECK			EYES	Polled Gene
SSR	NSR	SBM	NBT	1-Dec-22	Vet.	PM%		
\$239	\$229	\$242	\$176		✓		100/100	Hetz
				39	✓		4	Ph

Purchaser _____

Price _____



Pen No. 8 (Growth Bulls)

Birth Date: 30-Aug-21

Society ID: WNAS505

Horn/Scurs/Poll: S

- Dark-red & easy fleshing - well muscled through the loin
- True curve bender - moderate BWT & MCW, with above average growth & CE
- Top 5% CWT & marbling for boosting MSA Index
- Strong fertility traits contribute to the high \$Index values (top 1%)

ALLEDALE ANZAC E114

┌ WIRRUNA NEW ERA N068

WIRRUNA CORA E319

Sire: WIRRUNA QUARTERBACK Q281 (WNAQ281)

ORARI GORGE MISCHIEF 120083

┌ WIRRUNA CIRCLE N138

WIRRUNA CIRCLE L421

Easy-calve

WIRRUNA KALIMNA K326

┌ WIRRUNA NOEL N049

WIRRUNA CIRCE L192

Dam: WIRRUNA LAST DAY Q260 (WNAQ260)

ALLEDALE ANZAC E114

┌ WIRRUNA LAST DAY M374

WIRRUNA LAST DAY H88



Dec 2022 GROUP BREEDPLAN EBV's

CALVING EASE EBVs				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	+3.2	-5.4	+4.4	+43	+85	+109	+89	+15
41%	31%	59%	70%	64%	64%	65%	57%	50%

FERTILITY EBVs		CARCASE EBVs						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Dolcility
+6.0	-5.4	+74	+5.4	+1.1	+1.4	+0.6	+2.2	+5
76%	37%	53%	47%	52%	55%	49%	53%	46%

STRUCTURAL ASSESSMENT							6-Dec-22	
							Muscle Score	
6	6	6	6	5	5	4	C+	Temp. 2

SINDEX VALUE				HVC BULL CHECK			EYES	Polled Gene
SSR	NSR	SBM	NBT	1-Dec-22	✓ Vet.	✓ PM%	100/100	Hetz
\$228	\$216	\$236	\$177	38	✓ Serv.	NM%	4	Ph

Purchaser _____

Price _____



Pen No. 8 (Growth Bulls)

Birth Date: 1-Sep-21
 Society ID: WNAS518
 Horn/Scurs/Poll: S

- Reserve Wirruna sire - excellent skin & body capacity
- Has an excellent carcase - scans revealed high muscle & marbling traits
- His quiet disposition matches the top 5% Docility EBV - for docile progeny
- Out of a great Wirruna matron, this bull carries top 1% profit EBVs

NITHDALE JACKAL 090029
 ┌── ORARI GORGE MISCHIEF 120083
 NITHDALE LESLIE 090020

Sire: **WIRRUNA QUAY Q118 (WNAQ118)**

ALLENDALE ANZAC E114
 ┌── WIRRUNA CIRCLE M395
 WIRRUNA CIRCLE H13

OKAWA MARSHALL 9178
 ┌── WIRRUNA JANSEN J143
 WIRRUNA WINIFRED F13

Dam: **WIRRUNA OYSTER GIRL L334 (WNAL334)**

WIRRUNA FIFIELD F184
 ┌── WIRRUNA OYSTER GIRL H321 (H)
 WIRRUNA OYSTER GIRL E362



Dec 2022 GROUP BREEDPLAN EBV's

CALVING EASE EBVs				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	+3.7	-1.7	+5.1	+44	+80	+113	+96	+12
41%	33%	61%	72%	66%	66%	66%	60%	54%

FERTILITY EBVs		CARCASE EBVs						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Docility
+3.1	-3.3	+78	+5.9	+0.9	+1.1	+1.1	+2.1	+18
76%	38%	54%	49%	53%	58%	51%	53%	50%

STRUCTURAL ASSESSMENT							6-Dec-22	
							Muscle Score	
7	6	6	6	5	6	4	C+	Temp. 1

SINDEX VALUE				HVC BULL CHECK			EYES	Polled Gene
SSR	NSR	SBM	NBT	1-Dec-22	✓ Vet.	✓ PM%	100/100	Hetz
\$223	\$211	\$233	\$173		✓ Serv.			Ph
				36		NM%	4	

Purchaser _____

Price _____



Pen No. 8 (Growth Bulls)

Birth Date: 12-Sep-21
 Society ID: WNAS562
 Horn/Scurs/Poll: P

- Soft Papa son showing good length & stature
- Offers curve bending growth - top 20% CE & top 5% 400D & 600D growth EBVs
- Top 1% \$Index values - Top 5% marbling to lift carcass quality
- Offers short gestation length (top 5% GL) for earlier born calves

KOANUI UNANIMOUS 0408
 ┌── KOANUI TECHNO 3062
 KOANUI BLUSH 6455

Sire: **WIRRUNA PAPA P149 (WNAP149)**

WIRRUNA JACKAROO J35
 ┌── WIRRUNA LAST DAY L417
 WIRRUNA LAST DAY J438

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

Dam: **WIRRUNA CIRCLE N057 (WNAN057)**

ELITE 4110 E212
 ┌── WIRRUNA CIRCLE L81
 WIRRUNA CIRCLE F31



Dec 2022 GROUP BREEDPLAN EBV's

CALVING EASE EBVs				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
+7.4	+8.1	-5.0	+4.5	+42	+79	+107	+92	+19
45%	37%	67%	73%	68%	67%	68%	61%	54%

FERTILITY EBVs		CARCASS EBVs						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Docility
+2.8	-4.5	+72	+5.9	+1.2	+1.2	+1.4	+2.2	+16
77%	41%	56%	51%	54%	58%	52%	55%	51%

STRUCTURAL ASSESSMENT							6-Dec-22	
							Muscle Score	
6	6	6	6	4	6	4	C	Temp. 2

SINDEX VALUE				HVC BULL CHECK			EYES	Polled Gene
SSR	NSR	SBM	NBT	1-Dec-22	✓ Vet.	✓ PM%	100/100	Homz
\$223	\$210	\$233	\$171		✓ Serv.			PP
				37		NM%	4	

Purchaser _____

Price _____

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

EBV

+8.0

+7.0

+6.0

+5.0

+4.0

+3.0

+2.0

+1.0

+0.0

■ Wirruna Muscle Bulls

■ Breed Average EBVs

More muscle

Positive Fat

High yield

Breed-leading marbling

+6.9

+3.8

+1.3

+1.4

+1.0

+1.7

+0.8

+1.5

+0.6

EMA

Rib fat

P8

RBV%

IMF



Pen No. 10 (Muscle Bulls)

Birth Date: 4-Aug-21
 Society ID: WNAS105
 Horn/Scurs/Poll: P

- Heaviest 'S' bull in the draft at cataloging - top 5% growth
- Excellent body depth & shape with B- muscle score - scanned highest EMA
- Rare to have high muscle & yield (top 5%) with positive fat traits for softness
- Also one of the most attractive & docile bulls in the catalogue

'Star Lot'

KOANUI ROCKET 0219

┌ MOUNT DIFFICULT CADBURY

MOUNT DIFFICULT MONIQUE V65

Sire: **TARCOMBE CADBURY P181 (THSP181)**

RIVER PERRY FERGUS

┌ TARCOMBE DOWAGER M205

TARCOMBE DOWAGER J189

WIRRUNA JUSTIN J13

┌ WIRRUNA MALCOLM M154

WIRRUNA MADAM J74

Dam: **WIRRUNA UNDERTONE P322 (WNAP322)**

MOUNT DIFFICULT HANSEN

┌ WIRRUNA UNDERTONE M274

WIRRUNA UNDERTONE G477



Dec 2022 GROUP BREEDPLAN EBV's

CALVING EASE EBVs				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	+6.6	-5.1	+5.9	+48	+83	+113	+98	+22
42%	32%	74%	72%	66%	66%	66%	57%	50%

FERTILITY EBVs		CARCASE EBVs						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Docility
+5.2	-4.9	+81	+7.9	+0.9	+1.4	+2.3	+0.9	+19
76%	37%	53%	48%	53%	57%	50%	53%	47%

STRUCTURAL ASSESSMENT							6-Dec-22	
							Muscle Score	
6	6	5	6	5	5	4	B-	Temp. 1

SINDEX VALUE				HVC BULL CHECK			EYES	Polled Gene
SSR	NSR	SBM	NBT	1-Dec-22	✓ Vet.	✓ PM%	100/100	Homz
\$208	\$198	\$203	\$143		✓ Serv.			PP
				41		NM%	4	

Purchaser _____

Price _____



Pen No. 10 (Muscle Bulls)

Birth Date: 5-Aug-21
 Society ID: WNAS124
 Horn/Scurs/Poll: S

- A sleek-coated & thick-topped Endure son
- Achieved top-end weight gain performance among cohort - top 5% early growth
- Exceptional muscling - high EMA scan & top 1% EMA EBV
- Ticks most boxes - docile, easy calving, good milk, strong fertility genes & sound

Easy-calve

SCHU-LAR ON TARGET 22S (IMP)
 ┌ KCF BENNETT ENCORE Z311
 KCF MISS REVOLUTION X338
 Sire: **NJW 79Z Z311 ENDURE 173D (OSA43722088AHR)**
 NJW 73S M326 TRUST 100W
 ┌ BW 91H 100W RITA 79Z
 REMITALL FLORAL RITA 102F

 NITHDALE JACKAL 090029
 ┌ ORARI GORGE MISCHIEF 120083
 NITHDALE LESLIE 090020
 Dam: **WIRRUNA LAST DAY N160 (WVAN160)**
 INJEMIRA ADVANCE Y203 (H)
 ┌ WIRRUNA LAST DAY L271
 WIRRUNA LAST DAY D26



Dec 2022 GROUP BREEDPLAN EBV's

CALVING EASE EBVs				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	+4.2	+0.5	+4.3	+47	+79	+104	+63	+23
50%	38%	76%	74%	70%	69%	70%	65%	59%

FERTILITY EBVs		CARCASE EBVs						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Docility
+3.6	-6.1	+73	+8.1	+2.1	+2.0	+1.6	+1.2	+17
78%	40%	59%	55%	58%	61%	54%	59%	55%

STRUCTURAL ASSESSMENT							6-Dec-22	
							Muscle Score	
6	6	6	6	5	5	4	B-	Temp. 2

SINDEX VALUE				HVC BULL CHECK			EYES	Polled Gene
SSR	NSR	SBM	NBT	1-Dec-22	✓ Vet.	✓ PM%	100/100	Hetz
\$234	\$223	\$234	\$163		✓ Serv.			Ph
				38		NM%	4	

Purchaser _____

Price _____



Pen No. 10 (Muscle Bulls)

Birth Date: 6-Aug-21
 Society ID: WNAS134
 Horn/Scurs/Poll: S

- A good quality, structurally sound & upstanding calf by Qantas
- Exceptional beef yield & muscle traits (top 5%) while maintaining softness
- Combines top 5% 200D & 400D growth with top 20% calving ease traits
- \$Indices rated in top 1% indicate a profitable mix of commercial traits

WIRRUNA HARTWIG H297

┌ WIRRUNA KALIMNA K326
 WIRRUNA CORA H303

Sire: **WIRRUNA QANTAS Q036 (WNAQ036)**

┌ WIRRUNA KEITH K169
 WIRRUNA LETITIA M367
 WIRRUNA LETITIA J135

MATARIKI HOLY-SMOKE

┌ WIRRUNA JUSTIN J13
 WIRRUNA DOREEN G393

Dam: **WIRRUNA OYSTER GIRL M472 (WNAM472)**

┌ WIRRUNA FIFIELD F184
 WIRRUNA OYSTER GIRL H321 (H)
 WIRRUNA OYSTER GIRL E362



Dec 2022 GROUP BREEDPLAN EBV's

CALVING EASE EBVs				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
+7.3	+6.0	-4.0	+4.4	+47	+78	+103	+72	+15
47%	36%	75%	74%	68%	68%	68%	63%	56%

FERTILITY EBVs		CARCASE EBVs						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Docility
+3.4	-3.6	+78	+6.2	+0.4	+0.5	+2.4	+1.3	+9
77%	42%	58%	52%	57%	60%	53%	58%	54%

STRUCTURAL ASSESSMENT							6-Dec-22	
							Muscle Score	
6	5	6	5	4	5	4	C+	Temp. 2

SINDEX VALUE				HVC BULL CHECK			EYES	Polled Gene
SSR	NSR	SBM	NBT	1-Dec-22	✓ Vet.	✓ PM%	100/100	Hetz
\$228	\$222	\$235	\$167		✓ Serv.			Ph
				37		NM%	4	

Purchaser _____

Price _____



Pen No. 10 (Muscle Bulls)

Birth Date: 6-Aug-21
 Society ID: WNAS136
 Horn/Scurs/Poll: P

- A Churchill Stud ET calf that ticks a lot of boxes
- Features fine hair type and very wide down the spine
- Top 5% ranking for IMF% EBV - a major determinant of carcase quality
- Out of a perfect-uddered Donor Cow producing 14 progeny at Wirruna

NB. mild swelling in right hock

Easy-calve

SHF RADAR M326 R125
 ┌── KJ HVH 33N REDEEM 485T
 HVH OKSANA 4L 33N

Sire: CHURCHILL STUD 3134A (IMP USA) (OSA43377074AHR)
 ┌── GOLDEN OAK OUTCROSS 18U
 CHURCHILL LADY 002X
 CHURCHILL LADY 600S

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

Dam: WIRRUNA LAST DAY M189 (WNAM189)
 ┌── MATARIKI HOLY-SMOKE
 WIRRUNA LAST DAY J82
 WIRRUNA LAST DAY G43



Dec 2022 GROUP BREEDPLAN EBV's

CALVING EASE EBVs				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	+5.5	-0.7	+4.5	+41	+68	+94	+72	+23
49%	40%	68%	73%	70%	70%	70%	64%	61%

FERTILITY EBVs		CARCASE EBVs						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Docility
+2.4	-5.0	+60	+5.9	+2.4	+2.0	+0.2	+1.9	-14
69%	43%	61%	56%	59%	62%	54%	60%	53%

STRUCTURAL ASSESSMENT							6-Dec-22	
							Muscle Score	
6	6	5	6	5	5	4	C+	Temp. 2

SINDEX VALUE				HVC BULL CHECK			EYES	Polled Gene
SSR	NSR	SBM	NBT	1-Dec-22	✓ Vet.	✓ PM%	95/100	Homz
\$186	\$167	\$187	\$133		✓ Serv.			PP
				35		NM%	4	

Purchaser _____

Price _____



Pen No. 10 (Muscle Bulls)

Birth Date: 8-Aug-21
 Society ID: WNAS179
 Horn/Scurs/Poll: P

- A strong topline with plenty of visible muscle over the loin
- High scan for muscle - combines top 5% EMA & IMF EBVs
- Good growth profile with top 10% early growth traits & moderate MCW
- Good temperament, positive fat traits & homozygous polled

ALLENDALE YACKA
 ┌── ALLENDALE ANZAC E114
 ALLENDALE DAWN B22 (AI) (ET)
Sire: WIRRUNA NIXON N168 (WNAN168)
 ELITE 4110 E212
 ┌── WIRRUNA DIDO H45
 WIRRUNA Dido F371

 KCF BENNETT REVOLUTION X51
 ┌── WIRRUNA MORRIS M404
 WIRRUNA CORA E319
Dam: WIRRUNA ALMOND P602 (WNAP602)
 WIRRUNA HERNANDO H47
 ┌── WIRRUNA ALMOND L335
 WIRRUNA ALMOND F179



Dec 2022 GROUP BREEDPLAN EBV's

CALVING EASE EBVs				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
+4.0	+1.5	-1.0	+4.8	+42	+69	+95	+65	+20
44%	36%	75%	73%	68%	68%	69%	61%	53%

FERTILITY EBVs		CARCASE EBVs						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Docility
+2.8	-3.9	+71	+7.8	+1.6	+2.4	+1.1	+1.9	+3
68%	41%	57%	50%	55%	58%	50%	57%	50%

STRUCTURAL ASSESSMENT							6-Dec-22	
							Muscle Score	
6	6	6	6	5	5	4	C+	Temp. 1

SINDEX VALUE				HVC BULL CHECK			EYES	Polled Gene
SSR	NSR	SBM	NBT	1-Dec-22	✓ Vet.	✓ PM%	100/100	Homz
\$196	\$185	\$197	\$142		✓ Serv.			PP
				38		NM%	4	

Purchaser _____

Price _____



Pen No. 10 (Muscle Bulls)

Birth Date: 9-Aug-21
 Society ID: WNAS205
 Horn/Scurs/Poll: P

- Attractive fellow with ideal body conformation & head carriage
- Top-end scan for muscle - EMA & RBV% EBVs rated in the breed's top 5%
- Short gestation length & strong calving ease genetics - top 1% CE Daughters
- Dam sold as a breeder last year after 7 calves - was still performing like clockwork

Easy-calve

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

Sire: WIRRUNA QUAN Q001 (WNAQ001)

┌ OTAPAWA SPARK 3060 (IMP)
 └ WIRRUNA MADAM L441
 WIRRUNA MADAM F18

┌ SOUTH BUKALONG SHAW 3
 └ SOUTH BUKALONG SHANNON 40
 SOUTH BUKALONG PETAL 88

Dam: WIRRUNA VICTORIA J339 (WNAJ339)

┌ MOUNT DIFFICULT FELLIS Y12 (AI)
 └ WIRRUNA VICTORIA E156
 SOUTH BUKALONG VICTORIA 202



Dec 2022 GROUP BREEDPLAN EBV's

CALVING EASE EBVs				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
+9.3	+9.7	-4.5	+3.3	+35	+57	+80	+48	+21
46%	41%	63%	71%	67%	67%	67%	62%	58%

FERTILITY EBVs		CARCASE EBVs						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Dolcility
+0.3	-6.9	+6.3	+6.6	+1.5	+1.9	+2.0	+1.3	-12
77%	45%	57%	52%	56%	59%	54%	57%	52%

STRUCTURAL ASSESSMENT							6-Dec-22	
							Muscle Score	
6	6	6	6	5	5	5	C+	Temp. 1

SINDEX VALUE				HVC BULL CHECK			EYES	Polled Gene
SSR	NSR	SBM	NBT	1-Dec-22	✓ Vet.	✓ PM%	100/100	Homz
\$215	\$207	\$220	\$149	34	✓ Serv.	NM%	3	PP

Purchaser _____

Price _____



Pen No. 10 (Muscle Bulls)

Birth Date: 9-Aug-21
 Society ID: WNAS225
 Horn/Scurs/Poll: P

- A good-footed Endure son with excellent muscling
- Combines muscle (top 1%) & yield (top 5%) - without losing positive fat traits
- I like the growth profile - top 10% early growth, low birth & mature cow weights
- Overall, a very balanced trait bull with \$Indices in top 5%

Easy-calve

SCHU-LAR ON TARGET 22S (IMP)
 ┌ KCF BENNETT ENCORE Z311
 KCF MISS REVOLUTION X338
 Sire: NJW 79Z Z311 ENDURE 173D (OSA43722088AHR)
 NJW 73S M326 TRUST 100W
 ┌ BW 91H 100W RITA 79Z
 REMITALL FLORAL RITA 102F

WIRRUNA FORT F382
 ┌ WIRRUNA MAL M139
 WIRRUNA LAST DAY K210
 Dam: WIRRUNA LAST DAY P580 (WNAP580)
 ALLENDALE ANZAC E114
 ┌ WIRRUNA LAST DAY M374
 WIRRUNA LAST DAY H88



Dec 2022 GROUP BREEDPLAN EBV's

CALVING EASE EBVs				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
+5.7	+6.0	-0.5	+3.1	+42	+69	+94	+54	+23
49%	36%	75%	73%	69%	69%	69%	63%	57%

FERTILITY EBVs		CARCASE EBVs						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Dolcility
+2.4	-4.0	+68	+8.0	+1.9	+1.6	+2.3	+0.8	+11
78%	38%	58%	54%	57%	60%	53%	58%	53%

STRUCTURAL ASSESSMENT							6-Dec-22	
							Muscle Score	
6	5	6	5	5	5	4	B-	Temp. 2

SINDEX VALUE				HVC BULL CHECK			EYES	Polled Gene
SSR	NSR	SBM	NBT	1-Dec-22	Vet.	PM%		
\$213	\$205	\$217	\$149		✓		100/100	
				38	✓	NM%	4	PP

Purchaser _____

Price _____









Pen No. 10 (Muscle Bulls)

Birth Date: 11-Aug-21
 Society ID: WNAS252
 Horn/Scurs/Poll: P

- A Cherry-red, easy-fleshing bull with good testicles
- Puts together top 1% muscle (EMA) with top 5% marbling (IMF%) for MSA premiums
- Strong milk & maternal \$Indices in the top 1% of the breed - good profit potential
- This bull was noted for exceptional semen quality at semen testing

KOANUI ROCKET 0219

┌ MOUNT DIFFICULT CADBURY

MOUNT DIFFICULT MONIQUE V65

Sire: **TARCOMBE CADBURY P181 (THSP181)**

RIVER PERRY FERGUS

┌ TARCOMBE DOWAGER M205

TARCOMBE DOWAGER J189

Easy-calve

WIRRUNA HARTWIG H297

┌ WIRRUNA KALIMNA K326

WIRRUNA CORA H303

Dam: **WIRRUNA LAST DAY P200 (WNAP200)**

ALLENDALE ANZAC E114

┌ WIRRUNA LAST DAY M276

WIRRUNA LAST DAY J438



Dec 2022 GROUP BREEDPLAN EBV's

CALVING EASE EBVs				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	+6.8	-1.0	+2.6	+42	+70	+87	+48	+22
45%	37%	75%	72%	67%	66%	67%	59%	52%

FERTILITY EBVs		CARCASE EBVs						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Docility
+4.7	-5.0	+73	+8.5	+1.7	+2.3	+1.8	+1.8	+12
77%	40%	56%	51%	55%	58%	52%	56%	50%

STRUCTURAL ASSESSMENT							6-Dec-22	
							Muscle Score	
7	6	6	6	5	5	4	C+	Temp. 1

SINDEX VALUE				HVC BULL CHECK			EYES	Polled Gene
SSR	NSR	SBM	NBT	1-Dec-22	✓ Vet.	✓ PM%	100/100	Homz
\$220	\$217	\$227	\$161		✓ Serv.			PP
				41		NM%	3	

Purchaser _____

Price _____



Pen No. 10 (Muscle Bulls)

Birth Date: 11-Aug-21
 Society ID: WNAS258
 Horn/Scurs/Poll: S

- Churchill son with good butt & strength through the spine
- Note the rare combination of high muscle, yield & marbling - high-end IMF scan
- Good calving ease credentials - one of the lowest BWT bulls in the catalogue
- Out of a respected donor cow, I like his soft skin, B- muscle & natural growth

Easy-calve

SHF RADAR M326 R125
 ┌─── KJ HVH 33N REDEEM 485T
 HVH OKSANA 4L 33N
 Sire: CHURCHILL STUD 3134A (IMP USA) (OSA43377074AHR)
 GOLDEN OAK OUTCROSS 18U
 ┌─── CHURCHILL LADY 002X
 CHURCHILL LADY 600S

 MOUNT DIFFICULT CADBURY
 ┌─── WIRRUNA JACK J12
 WIRRUNA LAST DAY G63
 Dam: WIRRUNA LAST DAY L410 (WNAL410)
 WIRRUNA FLETCHER F214
 ┌─── WIRRUNA LAST DAY H364
 WIRRUNA LAST DAY F14



Dec 2022 GROUP BREEDPLAN EBV's

CALVING EASE EBVs				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
+9.9	+9.8	-3.6	-0.8	+32	+55	+68	+39	+18
49%	38%	68%	74%	70%	70%	71%	65%	61%

FERTILITY EBVs		CARCASE EBVs						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Docility
+1.6	-3.7	+60	+8.1	+1.8	+1.1	+1.6	+2.2	-12
77%	42%	61%	56%	59%	62%	56%	60%	54%

STRUCTURAL ASSESSMENT							6-Dec-22	
							Muscle Score	
6	7	6	7	5	5	5	B-	Temp. 2

SINDEX VALUE				HVC BULL CHECK			EYES	Polled Gene
SSR	NSR	SBM	NBT	1-Dec-22	Vet.	PM%		
\$191	\$191	\$207	\$149		✓	PM%	90/95	Hetz
				34	✓	NM%	3	Ph

Purchaser _____

Price _____



Pen No. 10 (Muscle Bulls)

Birth Date: 13-Aug-21
 Society ID: WNAS286
 Horn/Scurs/Poll: P

- Dark-red & upstanding Papa son with easy fleshing ability
- Top 10% EMA & IMF% to lift herd carcase attributes
- Confident use over heifers - top 5% CE, short GL & light BWT genetics
- Homozygous polled to genetically dehorn progeny

Easy-calve

— KOANUI UNANIMOUS 0408
 — KOANUI TECHNO 3062
 — KOANUI BLUSH 6455

Sire: **WIRRUNA PAPA P149 (WNAP149)**

— WIRRUNA JACKAROO J35
 — WIRRUNA LAST DAY L417
 — WIRRUNA LAST DAY J438

— MOUNT DIFFICULT CADBURY
 — WIRRUNA KAMA K8
 — WIRRUNA GOLDEN VANITY G276

Dam: **WIRRUNA VICTORIA M370 (WNAM370)**

— WIRRUNA HAGLEY H221
 — WIRRUNA VICTORIA K541
 — WIRRUNA VICTORIA G246



Dec 2022 GROUP BREEDPLAN EBV's

CALVING EASE EBVs				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
+11.5	+8.5	-3.8	+0.6	+26	+48	+65	+37	+20
42%	34%	63%	73%	67%	67%	67%	61%	53%

FERTILITY EBVs		CARCASE EBVs						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Docility
+1.5	-3.8	+57	+5.6	+1.3	+1.8	+1.2	+1.5	+15
77%	40%	55%	49%	53%	58%	51%	54%	50%

STRUCTURAL ASSESSMENT							6-Dec-22	
							Muscle Score	
6	6	6	7	6	5	4	C+	Temp. 2

SINDEX VALUE				HVC BULL CHECK			EYES	Polled Gene
SSR	NSR	SBM	NBT	1-Dec-22	✓ Vet.	✓ PM%	100/100	Homz
\$171	\$165	\$194	\$139		✓ Serv.			PP
				36		NM%	4	

Purchaser _____

Price _____



Pen No. 11 (Muscle Bulls)

Birth Date: 15-Aug-21
 Society ID: WNAS309
 Horn/Scurs/Poll: P

- A well-muscled package with dark-red coat
- Puts together the rare combination of EMA, RBV% & IMF EBVs in the top percentiles
- A balanced EBV profile gives strong \$Indices (top 10% for SSR & NSR)
- Features good eye-set & sound structural attributes

LIMEHILLS STAMPER 140064
 ─ LIMEHILLS STARTER 160062
 LIMEHILLS BEAUTY 140225

Sire: **WIRRUNA QUEENSLANDER Q141 (WNAQ141)**
 ─ WIRRUNA FORT F382
 ─ WIRRUNA GOLDEN VANITY H208
 WIRRUNA GOLDEN VANITY F422

WIRRUNA KEITH K169
 ─ WIRRUNA MONOPOLY M417
 WIRRUNA VICTORIA J199

Dam: **WIRRUNA LAST DAY P516 (WNAP516)**
 ─ WIRRUNA FLETCHER F214
 ─ WIRRUNA LAST DAY M044
 WIRRUNA LAST DAY D84



Dec 2022 GROUP BREEDPLAN EBV's

CALVING EASE EBVs				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
+2.4	+2.3	-3.5	+3.7	+36	+59	+81	+52	+14
40%	32%	61%	71%	65%	65%	66%	58%	51%

FERTILITY EBVs		CARCASE EBVs						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Docility
+2.5	-3.9	+63	+6.6	+0.3	+0.0	+2.4	+1.5	+1
76%	38%	53%	48%	53%	57%	51%	53%	47%

STRUCTURAL ASSESSMENT							6-Dec-22	
	Front		Back				Muscle Score	
6	6	5	6	5	5	3	C+	Temp. 2

SINDEX VALUE				HVC BULL CHECK			EYES	Polled Gene
SSR	NSR	SBM	NBT	1-Dec-22	Vet.	PM%		
\$182	\$174	\$176	\$122		✓	✓	100/100	Hetz
				38	✓	NM%		Ph

Purchaser _____

Price _____



Pen No. 11 (Muscle Bulls)

Birth Date: 15-Aug-21

Society ID: WNAS313

Horn/Scurs/Poll: P

- A really well muscled Endure son - thick right through
- Boost carcase attributes with B- muscle, top 1% EMA & IMF% EBVs
- One of the better gaining bulls as a yearling - scanned highly for muscle & marbling
- Out of a highly respected cow, this bull was close to being retained as a Sire 'Star Lot'

SCHU-LAR ON TARGET 22S (IMP)

┌ KCF BENNETT ENCORE Z311

KCF MISS REVOLUTION X338

Sire: **NJW 79Z Z311 ENDURE 173D (OSA43722088AHR)**

NJW 73S M326 TRUST 100W

┌ BW 91H 100W RITA 79Z

REMITALL FLORAL RITA 102F

WIRRUNA FORT F382

┌ WIRRUNA HOT STUFF H356

WIRRUNA GOLDEN VANITY F378

Dam: **WIRRUNA GOLDEN VANITY P030 (WNAPO30)**

WIRRUNA KENNY K66

┌ WIRRUNA GOLDEN VANITY M207

WIRRUNA GOLDEN VANITY K48



Dec 2022 GROUP BREEDPLAN EBV's

CALVING EASE EBVs				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
+3.1	+5.5	+2.1	+5.9	+52	+87	+114	+80	+23
50%	37%	76%	74%	70%	69%	70%	64%	59%

FERTILITY EBVs		CARCASE EBVs						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Docility
+3.1	-4.7	+78	+8.0	+1.6	+1.1	+1.5	+2.5	+11
78%	39%	59%	55%	57%	60%	54%	59%	54%

STRUCTURAL ASSESSMENT							6-Dec-22	
							Muscle Score	
6	6	5	6	5	5	4	B-	2

SINDEX VALUE				HVC BULL CHECK			EYES	Polled Gene
SSR	NSR	SBM	NBT	1-Dec-22	✓ Vet.	✓ PM%	100/100	Homz
\$236	\$219	\$233	\$165		✓ Serv.			PP
				37		NM%	4	

Purchaser _____

Price _____



Pen No. 11 (Muscle Bulls)

Birth Date: 15-Aug-21
 Society ID: WNAS327
 Horn/Scurs/Poll: P

- A standout bull for muscle - very well fleshed
- B- muscling is supported by a top 5% EMA EBV
- Very good growth traits with top early growth & carcass weight EBVs
- Exhibits very good temperament & carries strong milk traits

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

Sire: **WIRRUNA QUEENSCLIFF Q027 (WNAQ027)**
 ┌─── OTAPAWA SPARK 3060 (IMP)
 WIRRUNA HYACINTH K9
 WIRRUNA HYACINTH G256

WIRRUNA HARTWIG H297
 ┌─── WIRRUNA KALIMNA K326
 WIRRUNA CORA H303

Dam: **WIRRUNA OYSTER GIRL Q042 (WNAQ042)**
 ┌─── WIRRUNA FLETCHER F214
 WIRRUNA OYSTER GIRL N024
 WIRRUNA OYSTER GIRL L132



Dec 2022 GROUP BREEDPLAN EBV's

CALVING EASE EBVs				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	+6.7	-4.4	+4.1	+46	+74	+100	+78	+25
45%	37%	62%	70%	65%	65%	66%	59%	53%

FERTILITY EBVs		CARCASS EBVs						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Docility
+3.4	-5.4	+75	+7.2	+1.0	+0.8	+1.6	+1.6	+10
76%	40%	55%	51%	54%	57%	51%	55%	48%

STRUCTURAL ASSESSMENT							6-Dec-22	
							Muscle Score	
6	6	6	6	5	5	4	B-	Temp. 1

SINDEX VALUE				HVC BULL CHECK			EYES	Polled Gene
SSR	NSR	SBM	NBT	1-Dec-22	✓ Vet.	✓ PM%	100/100	Hetz
\$209	\$196	\$216	\$157		✓ Serv.			Ph
				40		NM%	3	

Purchaser _____

Price _____



Pen No. 11 (Muscle Bulls)

Birth Date: 18-Aug-21
 Society ID: WNAS354
 Horn/Scurs/Poll: P

- ☑ Trade-mark Nixon son - plenty of body in a moderate frame
- ☑ Lots of shape & thickness - top 10% EMA EBV, top 1% IMF% EBV
- ☑ Highest fat EBVs in catalogue to improve finishing ability & fertility rates in heifers
- ☑ Also features top fertility traits with top-end SS & Days to Calving EBVs
 'Star Lot'

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

Sire: **WIRRUNA NIXON N168 (WNAN168)**

ELITE 4110 E212
 ┌ WIRRUNA DIDO H45
 WIRRUNA Dido F371

WIRRUNA HARTWIG H297
 ┌ WIRRUNA KALIMNA K326
 WIRRUNA CORA H303

Dam: **WIRRUNA LAST DAY P130 (WNAP130)**

WIRRUNA FORT F382
 ┌ WIRRUNA LAST DAY M265
 WIRRUNA LAST DAY H67



Dec 2022 GROUP BREEDPLAN EBV's

CALVING EASE EBVs				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	+2.1	+4.4	+3.9	+43	+69	+88	+37	+22
47%	39%	76%	73%	69%	69%	69%	62%	55%

FERTILITY EBVs		CARCASE EBVs						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Dolicity
+5.2	-5.0	+66	+6.0	+3.0	+4.4	-0.5	+2.8	+4
78%	43%	59%	53%	57%	60%	54%	59%	53%

STRUCTURAL ASSESSMENT							6-Dec-22	
							Muscle Score	
7	6	7	6	5	6	4	C+	Temp. 2

SINDEX VALUE				HVC BULL CHECK			EYES	Polled Gene
SSR	NSR	SBM	NBT	1-Dec-22	✓ Vet.	✓ PM%	100/100	Homz
\$207	\$196	\$199	\$135		✓ Serv.			PP
				39		NM%	4	

Purchaser _____

Price _____



Pen No. 11 (Muscle Bulls)

Birth Date: 22-Aug-21
 Society ID: WNAS410
 Horn/Scurs/Poll: P

- An attractive Papa son with clean front, length & B- muscle
- Shows good growth performance - top 5% early growth & CWT EBVs
- Large scrotals (top 1% SS EBV) - out of the highly fertile & high \$Index M383 cow
- Good feet & leg scores by independent structural assessment

KOANUI UNANIMOUS 0408

┌ KOANUI TECHNO 3062

KOANUI BLUSH 6455

Sire: **WIRRUNA PAPA P149 (WNAP149)**

┌ WIRRUNA JACKAROO J35

┌ WIRRUNA LAST DAY L417

WIRRUNA LAST DAY J438

WIRRUNA HARTWIG H297

┌ WIRRUNA KALIMNA K326

WIRRUNA CORA H303

Dam: **WIRRUNA LAST DAY M383 (WNAM383)**

┌ WIRRUNA GEELONG G171

┌ WIRRUNA LAST DAY K553

WIRRUNA LAST DAY F172



Dec 2022 GROUP BREEDPLAN EBV's

CALVING EASE EBVs				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	+6.6	-3.5	+5.1	+45	+75	+98	+82	+17
45%	37%	65%	73%	68%	67%	68%	61%	54%

FERTILITY EBVs		CARCASE EBVs						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Docility
+4.4	-3.7	+70	+4.7	-0.4	-0.8	+2.6	+0.2	+1
76%	41%	57%	51%	55%	58%	52%	56%	51%

STRUCTURAL ASSESSMENT							6-Dec-22	
							Muscle Score	
6	6	5	5	5	5	4	B-	Temp. 2

SINDEX VALUE				HVC BULL CHECK			EYES	Polled Gene
SSR	NSR	SBM	NBT	1-Dec-22	Vet.	PM%		Homz
\$198	\$189	\$213	\$156		✓		100/100	Homz
				40	✓ Serv.		4	PP

Purchaser _____

Price _____



Pen No. 11 (Muscle Bulls)

Birth Date: 24-Aug-21

Society ID: WNAS449

Horn/Scurs/Poll: P

- Dark-red Papa son with sound structure & tight sheath
- Well-credentialed carcasse improver - Top 1% for EMA & RBY% EBVs
- Offers top 10% early growth from top 20% calving ease genetics
- Top 5% \$Indices reflect a profitable balance of CE, growth & carcasse traits
'Star Lot'

KOANUI UNANIMOUS 0408

┌ KOANUI TECHNO 3062

KOANUI BLUSH 6455

Sire: **WIRRUNA PAPA P149 (WNAP149)**

┌ WIRRUNA JACKAROO J35

┌ WIRRUNA LAST DAY L417

WIRRUNA LAST DAY J438

WIRRUNA FLETCHER F214

┌ WIRRUNA KILLARA K106

WIRRUNA MIDGE G482

Dam: **WIRRUNA VICTORIA N476 (WNAN476)**

SOUTH BUKALONG SHANNON 40

┌ WIRRUNA VICTORIA J339

WIRRUNA VICTORIA E156



Dec 2022 GROUP BREEDPLAN EBV's

CALVING EASE EBVs				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
+7.6	+7.1	-4.9	+5.0	+43	+70	+90	+72	+19
43%	35%	64%	73%	67%	66%	67%	60%	53%

FERTILITY EBVs		CARCASS EBVs						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBY (%)	IMF (%)	Docility
+1.9	-4.5	+71	+7.6	+0.7	+0.7	+2.9	+1.2	-5
76%	40%	55%	49%	54%	58%	51%	54%	51%

STRUCTURAL ASSESSMENT							6-Dec-22	
							Muscle Score	
6	5	6	6	5	5	4	C+	Temp. 2

SINDEX VALUE				HVC BULL CHECK			EYES	Polled Gene
SSR	NSR	SBM	NBT	1-Dec-22	✓ Vet.	✓ PM%	100/100	Homz
\$204	\$201	\$214	\$156		✓ Serv.			PP
				35		NM%	4	

Purchaser _____

Price _____



Pen No. 11 (Muscle Bulls)

Birth Date: 24-Aug-21

Society ID: WNAS455

Horn/Scurs/Poll: P

- A good-coloured bull with a long-barrelled body
- Pulls together top 5% muscle & yield traits with positive marbling
- Top 15% Milk EBV - the Q299 Dam is noted for her perfect udder
- Also features top 15% growth & fertility traits - top 5% for maternal \$Index values

KCF BENNETT 3008 M326

┌ NJW 73S M326 TRUST 100W

NJW P606 72N DAYDREAM 73S

Sire: WIRRUNA QUEENSCLIFF Q027 (WNAQ027)

OTAPAWA SPARK 3060 (IMP)

┌ WIRRUNA HYACINTH K9

WIRRUNA HYACINTH G256

WIRRUNA FORT F382

┌ WIRRUNA NOVELTY N191

WIRRUNA LAST DAY K210

Dam: WIRRUNA MADAM Q299 (WNAQ299)

ALLENDALE ANZAC E114

┌ WIRRUNA MADAM N260

WIRRUNA MADAM G279



Dec 2022 GROUP BREEDPLAN EBV's

CALVING EASE EBVs				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
+3.4	+4.7	-2.5	+3.3	+40	+69	+97	+72	+22
43%	35%	60%	71%	65%	65%	66%	58%	51%

FERTILITY EBVs		CARCASE EBVs						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Dolcility
+2.9	-4.8	+72	+7.2	+1.1	+1.3	+2.2	+1.1	+0
76%	39%	54%	50%	53%	57%	51%	54%	47%

STRUCTURAL ASSESSMENT							6-Dec-22	
Front 6	Back 6	Front 6	Back 6	5	6	4	Muscle Score C+	Temp. 2

SINDEX VALUE				HVC BULL CHECK			EYES	Polled Gene
SSR	NSR	SBM	NBT	1-Dec-22	✓ Vet.	✓ PM%	100/100	Homz
\$203	\$194	\$202	\$143	37	✓ Serv.	NM%	4	PP

Purchaser _____

Price _____



Pen No. 11 (Muscle Bulls)

Birth Date: 26-Aug-21
 Society ID: WNAS481
 Horn/Scurs/Poll: P

- Highest retail beef yield bull in the catalogue - top 1% RBY%
- Improve carcase attributes of steers with top 1% CWT & top 5% EMA EBVs
- He offers a softness, length & good growth - top 5% 200D EBV
- I appreciate his calving ease traits, short gestation length & strong milk

QUAMBY PLAINS STOCKMASTER Y118

┌──────────┐ WIRRUNA FLETCHER F214
 WIRRUNA LAST DAY B16 (H)

Sire: **WIRRUNA QUAN Q001 (WNAQ001)**

┌──────────┐ OTAPAWA SPARK 3060 (IMP)
 WIRRUNA MADAM L441
 WIRRUNA MADAM F18

MATARIKI HOLY-SMOKE

┌──────────┐ WIRRUNA KENNY K66
 WIRRUNA DOREEN H5

Dam: **WIRRUNA GOLDEN VANITY M207 (WNAM207)**

┌──────────┐ WIRRUNA FLETCHER F214
 WIRRUNA GOLDEN VANITY K48
 WIRRUNA GOLDEN VANITY G243



Dec 2022 GROUP BREEDPLAN EBV's

CALVING EASE EBVs				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	+7.7	-6.5	+4.8	+48	+69	+98	+71	+22
42%	35%	63%	72%	66%	66%	67%	61%	56%

FERTILITY EBVs		CARCASE EBVs						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBY (%)	IMF (%)	Docility
+1.6	-4.7	+79	+7.0	+0.0	-0.9	+3.3	+0.3	+0
77%	41%	55%	50%	54%	58%	52%	55%	49%

STRUCTURAL ASSESSMENT							6-Dec-22	
Front 7	Back 5	Front 7	Back 6	5	5	3	Muscle Score C+	Temp. 2

SINDEX VALUE				HVC BULL CHECK			EYES	Polled Gene	
SSR	NSR	SBM	NBT	1-Dec-22	Vet.	PM%			
\$211	\$198	\$217	\$150	37	✓ Serv.	✓ NM%	100/100	4	Hetz Ph

Purchaser _____

Price _____



Pen No. 11 (Muscle Bulls)

Birth Date: 28-Aug-21

Society ID: WNAS501

Horn/Scurs/Poll: P

- Herd carcass improver suiting heifers
- Note the familiar carcass benefits - quantity (top 1% EMA) & quality (top 5% IMF%)
- A genetic dehorner offering strong milk for female replacements
- Super sound structurally with excellent foot & legs scores

KCF BENNETT REVOLUTION X51

┌ WIRRUNA MORRIS M404

WIRRUNA CORA E319

Sire: WIRRUNA QUICKSTEP Q283 (WNAQ283)

WIRRUNA JAVA J80

┌ WIRRUNA MADAM L111

CO-OP5 MADAM H23

Easy-calve

WIRRUNA FORT F382

┌ WIRRUNA MANTON M126

WIRRUNA CIRCLE J124

Dam: WIRRUNA UGENA P497 (WNA P497)

MATARIKI HOLY-SMOKE

┌ WIRRUNA UGENA L148

WIRRUNA UGENA J320



Dec 2022 GROUP BREEDPLAN EBV's

CALVING EASE EBVs				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
+4.7	+3.6	+0.1	+3.4	+33	+59	+83	+65	+21
38%	30%	58%	71%	66%	65%	66%	58%	50%

FERTILITY EBVs		CARCASS EBVs						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Docility
+2.6	-4.5	+61	+7.7	+1.1	+1.6	+1.6	+1.7	+1
76%	36%	53%	48%	53%	57%	50%	52%	48%

STRUCTURAL ASSESSMENT							6-Dec-22	
							Muscle Score	
6	5	5	5	5	5	4	C+	Temp. 2

SINDEXTM VALUE				HVC BULL CHECK			EYES	Polled Gene
SSR	NSR	SBM	NBT	1-Dec-22	Vet.	PM%		Homz
\$178	\$169	\$181	\$134		✓	PM%	95/100	Homz
				36	✓	NM%	4	PP

Purchaser _____

Price _____



Pen No. 11 (Muscle Bulls)

Birth Date: 6-Sep-21
 Society ID: WNAS537
 Horn/Scurs/Poll: S

- I like his easy fleshing traits - top 1% IMF% & B- muscle
- Was one of the top-end weight gain performers at weaning - top 10% 200D EBV
- An excellent Dam stands behind this bull - recently weaning her 6th calf
- Large testicles supported by top 2% fertility traits - SS EBV & DtC EBV

NITHDALE JACKAL 090029

┌ ORARI GORGE MISCHIEF 120083

NITHDALE LESLIE 090020

Sire: WIRRUNA QUAY Q118 (WNAQ118)

┌ ALLENDALE ANZAC E114

┌ WIRRUNA CIRCLE M395

WIRRUNA CIRCLE H13

WIRRUNA FORT F382

┌ WIRRUNA HOT STUFF H356

WIRRUNA GOLDEN VANITY F378

Dam: WIRRUNA CORA L487 (WNAL487)

WIRRUNA DAFFY D1

┌ CO-OP5 CORA G332

WIRRUNA CORA B36

Easy-calve



Dec 2022 GROUP BREEDPLAN EBV's

CALVING EASE EBVs				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	+2.6	-4.2	+4.0	+43	+66	+92	+67	+16
44%	36%	62%	72%	67%	66%	67%	61%	55%

FERTILITY EBVs		CARCASE EBVs						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Dolicity
+4.7	-6.2	+68	+4.2	+2.0	+2.9	-0.5	+2.5	+2
76%	40%	55%	50%	54%	59%	52%	55%	52%

STRUCTURAL ASSESSMENT							6-Dec-22	
Front 6	Back 6	Front 6	Back 6	5	5	4	Muscle Score B-	Temp. 2

SINDEX VALUE				HVC BULL CHECK			EYES	Polled Gene
SSR	NSR	SBM	NBT	1-Dec-22	✓ Vet.	✓ PM%	100/100	Hetz
\$201	\$190	\$202	\$148	42	✓ Serv.	NM%	4	Ph

Purchaser _____

Price _____

COMPARISON OF CALVING EASE EBV'S Heifer Bulls vs Overall Breed Average

EBV





Pen No. 3 (Specialist Heifer Bulls)

Birth Date: 24-Jul-21
 Society ID: WNAS004
 Horn/Scurs/Poll: S

- An outstanding calving ease bull for sleep-easy calvings
- Top 1% ranking for all CE traits - No.1 in the breed for short gestation
- High milk genetics & scanned highly for IMF% to boost carcass quality
- Nice-headed bull with red coat, tight pizzelle & ideal shoulder shape

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

 ALLENDALE ANZAC E114
 ┌── WIRRUNA MATTY M288
 WIRRUNA CIRCLE H13
 Dam: WIRRUNA OYSTER GIRL P181 (WNAOP181)
 WIRRUNA JUSTIN J13
 ┌── WIRRUNA OYSTER GIRL M300
 WIRRUNA OYSTER GIRL E362



Dec 2022 GROUP BREEDPLAN EBV's

CALVING EASE EBVs				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
+13.8	+11.0	-10.7	-2.8	+27	+54	+63	+36	+22
54%	48%	76%	73%	70%	70%	71%	66%	63%

FERTILITY EBVs		CARCASS EBVs						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Dolicity
+1.3	-5.5	+60	+5.2	+0.7	+0.1	+0.8	+2.6	+6
78%	51%	63%	59%	61%	63%	58%	62%	57%

STRUCTURAL ASSESSMENT							6-Dec-22	
							Muscle Score	
6	6	6	6	5	6	5	C+	Temp. 2

SINDEX VALUE				HVC BULL CHECK			EYES	Polled Gene
SSR	NSR	SBM	NBT	1-Dec-22	✓ Vet.	✓ PM%	100/100	Hetz
\$185	\$176	\$211	\$156	34	✓ Serv.	NM%	4	Ph

Purchaser _____

Price _____



Pen No. 3 (Specialist Heifer Bulls)

Birth Date: 24-Jul-21
 Society ID: WNAS006
 Horn/Scurs/Pol: P

- The lightest birthweight calf of the catalogue
- Genuine curve-bender - top 5% CE & top 15% early growth traits
- Out of an excellent performing Dam - highly fertile with an excellent udder
- Top 5% \$Indices well reflect a profitable balance of CE, growth, fertility & carcase

Twin

Easy-calve

WIRRUNA HARTWIG H297
 ┌ WIRRUNA KALIMNA K326
 WIRRUNA CORA H303
 Sire: WIRRUNA QANTAS Q036 (WNAQ036)
 WIRRUNA KEITH K169
 ┌ WIRRUNA LETITIA M367
 WIRRUNA LETITIA J135

┌ KOANUI ROCKET 0219
 ┌ MOUNT DIFFICULT CADBURY
 MOUNT DIFFICULT MONIQUE V65
 Dam: WIRRUNA GOLDEN VANITY N072 (WNAN072)
 WIRRUNA HURRICANE H132
 ┌ WIRRUNA GOLDEN VANITY K200
 WIRRUNA GOLDEN VANITY H63



Dec 2022 GROUP BREEDPLAN EBV's

CALVING EASE EBVs				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
+10.9	+6.6	-5.9	+2.1	+40	+68	+93	+75	+22
46%	36%	68%	73%	68%	68%	68%	62%	54%

FERTILITY EBVs		CARCASE EBVs						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Docility
+4.8	-5.8	+72	+4.8	+2.1	+3.2	+0.4	+1.8	+1
76%	41%	57%	51%	55%	59%	52%	57%	53%

STRUCTURAL ASSESSMENT							6-Dec-22	
							Muscle Score	
6	5	5	5	5	5	4	C	Temp. 2

SINDEX VALUE				HVC BULL CHECK			EYES	Polled Gene
SSR	NSR	SBM	NBT	1-Dec-22	Vet.	PM%		Homz
\$203	\$199	\$222	\$167		✓		90/95	
				40	✓		4	PP

Purchaser _____

Price _____



Pen No. 3 (Specialist Heifer Bulls)

Birth Date: 1-Aug-21
 Society ID: WNAS038
 Horn/Scurs/Poll: P

- Another curve-bending calving ease specialist by Qantas
- Exceptional set if traits - top 15% growth without compromising CE or MCW
- Rates well for the structural attributes including a very nice-uddered dam
- Large testicles & high-end ranking for fertility traits (top 1% SS & top 2% DtC)

Easy-calve

WIRRUNA HARTWIG H297
 ┌── WIRRUNA KALIMNA K326
 WIRRUNA CORA H303

Sire: WIRRUNA QANTAS Q036 (WNAQ036)

└── WIRRUNA KEITH K169
 ┌── WIRRUNA LETITIA M367
 WIRRUNA LETITIA J135

WIRRUNA LEGS L108
 ┌── WIRRUNA NARACOORTE N383
 WIRRUNA LAST DAY L8

Dam: WIRRUNA CIRCLE Q354 (WNAQ354)

└── WIRRUNA FLETCHER F214
 ┌── WIRRUNA CIRCLE N057
 WIRRUNA CIRCLE L81



Dec 2022 GROUP BREEDPLAN EBV's

CALVING EASE EBVs				GROWTH & MATERNAL				
Calving Ease DIR (%)	Calving Ease DTRS (%)	Gestation Length (days)	Birth Weight	200-Day Growth	400-Day Weight	600-Day Weight	Mat Cow Weight	Genetic Milk
+9.7	+6.1	-6.1	+2.0	+40	+69	+93	+66	+19
44%	33%	74%	73%	67%	67%	67%	60%	52%

FERTILITY EBVs		CARCASE EBVs						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Dolcility
+5.2	-6.1	+66	+4.2	+2.1	+2.8	-0.1	+2.6	-5
76%	39%	56%	50%	55%	58%	51%	56%	51%

STRUCTURAL ASSESSMENT							6-Dec-22	
Front 6	Back 5	Front 5	Back 5	4	5	3	Muscle Score C+	Temp. 1

SINDEX VALUE				HVC BULL CHECK			EYES	Polled Gene
SSR	NSR	SBM	NBT	1-Dec-22	✓ Vet.	✓ PM%	100/100	Homz
\$216	\$208	\$226	\$165	41	✓ Serv.	NM%	4	PP

Purchaser _____

Price _____



Pen No. 3 (Specialist Heifer Bulls)

Birth Date: 2-Aug-21
 Society ID: WNAS051
 Horn/Scurs/Poll: P

- Highly fertile Qantas son with top 1% \$Indices for profit
- Curve bending EBV profile - top 20% CE, lightest 30% BWT & top 5% early growth
- Noted for high semen quality - few bulls have better fertility EBVs. A key trait!
- Features high level traits of top 1% GL, IMF% & structural soundness attributes
 'Star Lot'

Easy-calve

WIRRUNA HARTWIG H297
 ┌── WIRRUNA KALIMNA K326
 WIRRUNA CORA H303
 Sire: WIRRUNA QANTAS Q036 (WNAQ036)
 WIRRUNA KEITH K169
 ┌── WIRRUNA LETITIA M367
 WIRRUNA LETITIA J135

 ALLENDALE ANZAC E114
 ┌── WIRRUNA LEDGER L285
 WIRRUNA DOREEN G115
 Dam: WIRRUNA MADAM Q014 (WNAQ014)
 WIRRUNA JAFFA J55
 ┌── WIRRUNA MADAM L331
 WIRRUNA MADAM J269



Dec 2022 GROUP BREEDPLAN EBV's

CALVING EASE EBVs				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
+9.3	+5.4	-7.7	+3.1	+47	+75	+100	+71	+23
45%	34%	75%	73%	67%	67%	67%	60%	53%

FERTILITY EBVs		CARCASE EBVs						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Dolicity
+6.4	-7.0	+72	+2.9	+1.8	+2.2	-0.4	+2.5	+4
76%	39%	56%	50%	55%	59%	52%	56%	53%

STRUCTURAL ASSESSMENT							6-Dec-22	
Front 6	Back 5	Front 5	Back 6	5	5	5	Muscle Score C+	Temp. 1

SINDEX VALUE				HVC BULL CHECK			EYES	Polled Gene
SSR	NSR	SBM	NBT	1-Dec-22	✓ Vet.	✓ PM%	100/70	Homz
\$221	\$206	\$228	\$167	43	✓ Serv.	✓ NM%	4	PP

Purchaser _____

Price _____



Pen No. 3 (Specialist Heifer Bulls)

Birth Date: 2-Aug-21
 Society ID: WNAS055
 Horn/Scurs/Poll: S

- Long-necked & clean-fronted for easy calving
- Continually out-performs his group for daily weight gain performance
- Bends the growth curve - excels in both growth & CE, below average BWT EBV
- Well-structured embryo calf - Donor Dam rekown for her excellent udder

Flush brother to Lot 61

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

 SOUTH BUKALONG WALLACE 2
 ┌── WIRRUNA JAVA J80
 WIRRUNA VICTORIA G7
 Dam: WIRRUNA GOLDEN VANITY L453 (WNAL453)
 VALMA MAGNUM II
 ┌── WIRRUNA GOLDEN VANITY H139
 WIRRUNA GOLDEN VANITY B145



Dec 2022 GROUP BREEDPLAN EBV's

CALVING EASE EBVs				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
+9.3	+9.3	-6.9	+4.0	+44	+76	+96	+72	+16
55%	48%	68%	74%	70%	70%	71%	67%	64%

FERTILITY EBVs		CARCASE EBVs						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Docility
+3.0	-6.1	+73	+6.0	+0.1	-1.0	+1.9	+1.7	+1
77%	51%	63%	58%	61%	64%	58%	62%	58%

STRUCTURAL ASSESSMENT							6-Dec-22	
							Muscle Score	
5	6	5	6	5	5	5	C+	Temp. 1

SINDEX VALUE				HVC BULL CHECK			EYES	Polled Gene
SSR	NSR	SBM	NBT	1-Dec-22	Vet.	PM%		
\$226	\$213	\$233	\$164		✓	✓	100/100	Hetz
				38	✓	✓	4	Ph

Purchaser _____

Price _____



Pen No. 3 (Specialist Heifer Bulls)

Birth Date: 4-Aug-21
 Society ID: WNAS085
 Horn/Scurs/Poll: P

- Genuine curve-bending Qantas son with carcase quality
- Carcase scanning revealed high-end marbling - few bulls top this one for IMF% EBV
- Breaks the correlations - top 10% CE(Dir), lightest 15% BWT & top 5% 200D growth
- Easy-doing ability for finishing on grass & female fertility - High fat EBVs

Easy-calve

WIRRUNA HARTWIG H297
 ┌ WIRRUNA KALIMNA K326
 WIRRUNA CORA H303
 Sire: WIRRUNA QANTAS Q036 (WNAQ036)
 WIRRUNA KEITH K169
 ┌ WIRRUNA LETITIA M367
 WIRRUNA LETITIA J135

 ALLENDALE ANZAC E114
 ┌ WIRRUNA MATTY M288
 WIRRUNA CIRCLE H13
 Dam: WIRRUNA VICTORIA Q140 (WNAQ140)
 WIRRUNA JACQUES J69
 ┌ WIRRUNA VICTORIA L274
 WIRRUNA VICTORIA J339



Dec 2022 GROUP BREEDPLAN EBV's

CALVING EASE EBVs				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
+9.9	+5.3	-6.0	+1.1	+44	+70	+92	+65	+19
46%	36%	75%	73%	68%	67%	68%	60%	53%

FERTILITY EBVs		CARCASE EBVs						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Docility
+2.9	-4.8	+71	+3.6	+2.6	+4.0	-1.2	+3.3	-2
77%	40%	57%	51%	56%	59%	52%	57%	53%

STRUCTURAL ASSESSMENT							6-Dec-22	
							Muscle Score	
7	6	6	6	5	6	4	C	Temp. 2

SINDEX VALUE				HVC BULL CHECK			EYES	Polled Gene
SSR	NSR	SBM	NBT	1-Dec-22	✓ Vet.	✓ PM%	100/85	Homz
\$208	\$201	\$223	\$168	34	✓ Serv.	NM%	3	PP

Purchaser _____

Price _____



Pen No. 3 (Specialist Heifer Bulls)

Birth Date: 7-Aug-21
 Society ID: WNAS168
 Horn/Scurs/Poll: P

- Ideal heifer bull - excellent eye pigment & soft hair type
- Achieves top 15% growth traits & top 5% carcase weight...
- ... without compromising heavier birthweights or poorer calving ease genes
- Scanned well for EMA & IMF% with top 5% rankings for muscle & marbling EBVs
 'Star Lot', Twin

Easy-calve

KOANUI UNANIMOUS 0408
 ┌── KOANUI TECHNO 3062
 KOANUI BLUSH 6455

Sire: **WIRRUNA QUAMBONE Q135 (WNAQ135)**
 ┌── WIRRUNA FLETCHER F214
 WIRRUNA LAST DAY H364
 WIRRUNA LAST DAY F14

ARDO HUSTLER 4110 (IMP)
 ┌── ELITE 4110 E212
 SOUTH BUKALONG WINIFRED 54

Dam: **WIRRUNA CLARA L106 (WNAL106)**
 ┌── PINE HILL CROSSFIRE C558
 PINE HILL CLARA E693
 PINE HILL CLARA B585



Dec 2022 GROUP BREEDPLAN EBV's

CALVING EASE EBVs				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
+8.0	+6.5	-1.5	+3.1	+42	+71	+96	+43	+26
45%	38%	64%	72%	67%	66%	67%	61%	56%

FERTILITY EBVs		CARCASE EBVs						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Docility
+1.5	-2.7	+73	+6.2	+0.9	+0.5	+1.6	+2.1	-7
75%	42%	56%	51%	54%	58%	52%	56%	53%

STRUCTURAL ASSESSMENT							6-Dec-22	
							Muscle Score	
7	5	7	6	5	6	4	C+	Temp. 1

SINDEX VALUE				HVC BULL CHECK			EYES	Polled Gene
SSR	NSR	SBM	NBT	1-Dec-22	✓ Vet.	✓ PM%	100/100	Homz
\$225	\$205	\$236	\$163		✓ Serv.			PP
				34		NM%	4	

Purchaser _____

Price _____



Pen No. 3 (Specialist Heifer Bulls)

Birth Date: 9-Aug-21
 Society ID: WNAS209
 Horn/Scurs/Poll: P

- Well-structured Endure son showing good body shape
- Offers top 5% early growth traits from a strong calving ease foundation
- Great carcase - top 1% muscling & positive fat traits for boosting MSA index
- One of the better bulls in the catalogue for the profit EBVs - top 1% \$Indices

Easy-calve

SCHU-LAR ON TARGET 22S (IMP)
 ┌ KCF BENNETT ENCORE Z311
 KCF MISS REVOLUTION X338
 Sire: NJW 79Z Z311 ENDURE 173D (OSA43722088AHR)
 NJW 73S M326 TRUST 100W
 ┌ BW 91H 100W RITA 79Z
 REMITALL FLORAL RITA 102F

 ALLENDALE ANZAC E114
 ┌ WIRRUNA LEDGER L285
 WIRRUNA DOREEN G115
 Dam: WIRRUNA AMABEL P090 (WNAP090)
 MATARIKI HOLY-SMOKE
 ┌ WIRRUNA AMABEL L39
 WIRRUNA AMABEL J492



Dec 2022 GROUP BREEDPLAN EBV's

CALVING EASE EBVs				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	+6.1	-0.1	+2.9	+45	+77	+100	+71	+16
50%	38%	76%	73%	69%	69%	69%	63%	58%

FERTILITY EBVs		CARCASE EBVs						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Docility
+3.8	-6.7	+79	+8.5	+2.5	+2.9	+0.9	+2.2	+6
78%	39%	59%	55%	57%	60%	54%	58%	55%

STRUCTURAL ASSESSMENT							6-Dec-22	
Front 6	Back 6	Front 5	Back 5	4	5	4	Muscle Score C+	Temp. 1

SINDEX VALUE				HVC BULL CHECK			EYES	Polled Gene
SSR	NSR	SBM	NBT	1-Dec-22	✓ Vet.	✓ PM%	100/100	Homz
\$238	\$234	\$236	\$167	39	✓ Serv.	NM%	4	PP

Purchaser _____

Price _____



Pen No. 3 (Specialist Heifer Bulls)

Birth Date: 10-Aug-21

Society ID: WNAS243

Horn/Scurs/Poll: P

- Nice-topped Fletcher son for easy calving heifers
- Replacement daughters benefit from maternal calving ease (top 1%) ...
- ... and fertility (SS EBV in top 5% - linked to earlier puberty in heifers)
- Benefits from short GL, top 5% marbling & top 1% DtC EBVs

Flush brother to Lot 57

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

SOUTH BUKALONG WALLACE 2
 ┌── WIRRUNA JAVA J80
 WIRRUNA VICTORIA G7
 Dam: WIRRUNA GOLDEN VANITY L453 (WNAL453)
 VALMA MAGNUM II
 ┌── WIRRUNA GOLDEN VANITY H139
 WIRRUNA GOLDEN VANITY B145



Dec 2022 GROUP BREEDPLAN EBV's

CALVING EASE EBVs				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	+8.9	-5.2	+2.5	+35	+61	+76	+45	+21
55%	48%	68%	74%	71%	70%	71%	68%	65%

FERTILITY EBVs		CARCASE EBVs						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Docility
+4.2	-7.7	+56	+4.2	+1.3	+0.7	+0.4	+2.0	+1
77%	51%	63%	58%	62%	64%	58%	63%	58%

STRUCTURAL ASSESSMENT							6-Dec-22	
							Muscle Score	
6	6	6	6	5	5	5	C+	Temp. 1

SINDEX VALUE				HVC BULL CHECK			EYES	Polled Gene
SSR	NSR	SBM	NBT	1-Dec-22	✓ Vet.	✓ PM%	100/100	Homz
\$198	\$181	\$197	\$133	38	✓ Serv.	NM%	4	PP

Purchaser _____

Price _____



Pen No. 4 (Specialist Heifer Bulls)

Birth Date: 10-Aug-21
 Society ID: WNAS250
 Horn/Scurs/Poll: P

- Qantas bull with cherry-red coat & well-laid in shoulders
- Bombproof CE genetics - top 5% CE(Dir), top 1% GL & lightest 10% BWT EBVs
- Highest Milk EBV in catalogue for those driving up maternal performance
- I appreciate his high level carcase quality - top 5% for EMA & fat EBVs

Easy-calve

WIRRUNA HARTWIG H297
 ┌─── WIRRUNA KALIMNA K326
 WIRRUNA CORA H303
 Sire: WIRRUNA QANTAS Q036 (WNAQ036)
 WIRRUNA KEITH K169
 ┌─── WIRRUNA LETITIA M367
 WIRRUNA LETITIA J135

 WIRRUNA FLETCHER F214
 ┌─── WIRRUNA KATNOOK K74
 WIRRUNA VICTORIA G7
 Dam: WIRRUNA MADAM P014 (WNAP014)
 WIRRUNA JEANS J134
 ┌─── WIRRUNA MADAM L263
 WIRRUNA MADAM H8 (H)



Dec 2022 GROUP BREEDPLAN EBV's

CALVING EASE EBVs				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
+10.7	+7.1	-7.7	+0.8	+31	+45	+61	+29	+27
45%	34%	67%	73%	67%	67%	67%	60%	53%

FERTILITY EBVs		CARCASE EBVs						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Docility
+2.7	-7.7	+53	+6.6	+2.5	+3.3	+0.9	+2.2	-17
76%	40%	56%	51%	55%	59%	52%	56%	53%

STRUCTURAL ASSESSMENT							6-Dec-22	
							Muscle Score	
6	6	5	6	5	5	3	C+	Temp. 2

SINDEX VALUE				HVC BULL CHECK			EYES	Polled Gene
SSR	NSR	SBM	NBT	1-Dec-22	✓ Vet.	✓ PM%	100/100	Hetz
\$184	\$180	\$194	\$140		✓ Serv.			Ph
				37		NM%	4	

Purchaser _____

Price _____



Pen No. 4 (Specialist Heifer Bulls)

Birth Date: 14-Aug-21
 Society ID: WNAS308
 Horn/Scurs/Poll: P

- Phenotype + Performance + PP - What an opportunity!
- Carries top 5% early growth & good calving ease traits - curve bending genetics
- A proud bull with capacity - note his herd improving milk, marbling & top fertility traits
- Top 1% \$Index - excellent set of profit traits across the board

'Star Lot'

Easy-calve

EFBEEF TFL U208 TESTED X651
 EFBEEF BR VALIDATED B413
 EFBEEF 4R THYRA Y865

Sire: WIRRUNA QUERIDO Q266 (WNAQ266)
 WIRRUNA FLETCHER F214
 CO-OP5 URSULA J427
 WIRRUNA URSULA E278

WIRRUNA KALIMNA K326
 WIRRUNA NAGLE N066
 WIRRUNA VICTORIA L171

Dam: WIRRUNA LORNA Q434 (WNAQ434)
 WIRRUNA FORT F382
 WIRRUNA LORNA N269
 WIRRUNA LORNA H232



Dec 2022 GROUP BREEDPLAN EBV's

CALVING EASE EBV's				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	+3.7	-1.2	+3.8	+46	+79	+104	+69	+26
42%	31%	61%	72%	65%	66%	66%	58%	50%

FERTILITY EBV's		CARCASE EBV's						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Docility
+3.7	-6.3	+72	+5.4	+1.7	+1.8	+0.1	+2.4	+6
77%	36%	53%	49%	53%	57%	50%	53%	47%

STRUCTURAL ASSESSMENT							6-Dec-22	
							Muscle Score	
6	6	6	7	5	6	3	C+	Temp. 1

SINDEX VALUE				HVC BULL CHECK			EYES	Polled Gene
SSR	NSR	SBM	NBT	1-Dec-22	✓ Vet.	✓ PM%	100/100	Homz
\$224	\$203	\$228	\$165		✓ Serv.			PP
				38		NM%	4	

Purchaser _____

Price _____



Pen No. 4 (Specialist Heifer Bulls)

Birth Date: 20-Aug-21

Society ID: WNAS392

Horn/Scurs/Poll: P

- A specialist heifer bull built for delivering live calves
- He is smooth bodied with ideal shoulder shape - top 20% for the CE traits
- Top 1% IMF EBV complimented by top 5% EMA EBV = \$\$\$
- Very docile fellow out of a favoured cow with perfect udder

KOANUI UNANIMOUS 0408

┌ KOANUI TECHNO 3062

KOANUI BLUSH 6455

Sire: WIRRUNA QUAMBONE Q135 (WNAQ135)

WIRRUNA FLETCHER F214

┌ WIRRUNA LAST DAY H364

WIRRUNA LAST DAY F14

Easy-calve

WIRRUNA FLETCHER F214

┌ WIRRUNA KELSO K23

WIRRUNA DOREEN G350

Dam: WIRRUNA MADAM M525 (WNAM525)

YAVENVALE GURU

┌ WIRRUNA MADAM K62

WIRRUNA MADAM G139



Dec 2022 GROUP BREEDPLAN EBV's

CALVING EASE EBVs				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
+9.3	+5.9	-2.3	+2.0	+33	+60	+75	+38	+20
44%	36%	64%	73%	67%	67%	67%	61%	55%

FERTILITY EBVs		CARCASE EBVs						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Docility
-0.1	-5.3	+64	+6.3	+1.8	+1.7	+0.4	+2.9	+12
77%	40%	55%	50%	54%	58%	52%	55%	51%

STRUCTURAL ASSESSMENT							6-Dec-22	
							Muscle Score	
7	6	6	6	5	6	4	C+	Temp. 1

SINDEX VALUE				HVC BULL CHECK			EYES	Polled Gene
SSR	NSR	SBM	NBT	1-Dec-22	Vet.	PM%		Homz
\$201	\$187	\$208	\$148		✓	PM%	100/100	Homz
				32	✓	NM%	4	PP

Purchaser _____

Price _____



Pen No. 4 (Specialist Heifer Bulls)

Birth Date: 21-Aug-21

Society ID: WNAS401

Horn/Scurs/Pol: P

- Ideally shaped for easy calving-reduce dystocia
- Curve bender - strong growth, easy calving base & moderate birthweight
- Appreciate his docility, sound structure, strong fertility & top 5% \$Indices
- After 7 calves, his good performing Dam will sell as a breeder this sale

NITHDALE JACKAL 090029

┌ ORARI GORGE MISCHIEF 120083

NITHDALE LESLIE 090020

Sire: WIRRUNA PRIZE FIGHTER P041 (WNAP041)

MOUNT DIFFICULT CADBURY

┌ WIRRUNA LAST DAY J5

CO-OP5 LAST DAY G26

Easy-calve

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

┌ SCHU-LAR ON TARGET 22S (IMP)

SCHU-LAR 208 OF 1H 121 ET

Dam: WIRRUNA VICTORIA K103 (WNAK103)

KOANUI ROCKET 0219

┌ WIRRUNA VICTORIA E140

SOUTH BUKALONG VICTORIA 202



Dec 2022 GROUP BREEDPLAN EBV's

CALVING EASE EBVs				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	+5.0	-4.0	+2.8	+39	+72	+97	+91	+13
46%	36%	65%	73%	68%	68%	68%	62%	56%

FERTILITY EBVs		CARCASE EBVs						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Docility
+3.6	-5.6	+69	+5.2	+0.7	+1.0	+1.9	+0.0	+8
77%	41%	56%	51%	55%	59%	53%	56%	53%

STRUCTURAL ASSESSMENT							6-Dec-22	
Front 6	Back 5	Front 5	Back 6	5	5	5	Muscle Score C+	Temp. 1

SINDEX VALUE				HVC BULL CHECK			EYES	Polled Gene
SSR	NSR	SBM	NBT	1-Dec-22	Vet.	PM%		
\$198	\$194	\$207	\$152	35	✓ Serv.	✓ NM%	100/100	Hetz
							4	Ph

Purchaser _____

Price _____



Pen No. 4 (Specialist Heifer Bulls)

Birth Date: 24-Aug-21
 Society ID: WNAS442
 Horn/Scurs/Poll: P

- Dark-red bull out of a cow with ideal udder
- Bends the growth curve - top 20% genetics for both calving ease & growth traits
- High fertility & carcase weight contributes to top 5% ranking for \$Index values
- Excellent foot structure is a feature of these Quarterback calves

Easy-calve

ALLENDALE ANZAC E114
 ┌── WIRRUNA NEW ERA N068
 WIRRUNA CORA E319
 Sire: WIRRUNA QUARTERBACK Q281 (WNAQ281)
 ORARI GORGE MISCHIEF 120083
 ┌── WIRRUNA CIRCLE N138
 WIRRUNA CIRCLE L421

 ┌── LIMEHILLS STAMPER 140064
 LIMEHILLS STARTER 160062
 LIMEHILLS BEAUTY 140225
 Dam: WIRRUNA RITA Q015 (WNAQ015)
 WIRRUNA JUSTIN J13
 ┌── WIRRUNA RITA M024
 WIRRUNA RITA K37



Dec 2022 GROUP BREEDPLAN EBV's

CALVING EASE EBVs				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
+8.6	+5.1	-4.5	+3.1	+42	+79	+107	+88	+21
41%	31%	60%	69%	63%	64%	63%	55%	47%

FERTILITY EBVs		CARCASE EBVs						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Docility
+4.3	-4.8	+76	+4.5	+1.6	+2.1	+0.5	+0.8	-2
76%	33%	51%	46%	50%	55%	48%	51%	47%

STRUCTURAL ASSESSMENT							6-Dec-22	
Front 5	Back 5	Front 5	Back 6	5	5	3	Muscle Score C+	Temp. 1

SINDEX VALUE				HVC BULL CHECK			EYES	Polled Gene
SSR	NSR	SBM	NBT	1-Dec-22	Vet.	PM%		Homz
\$208	\$195	\$221	\$163	36	✓ Serv.	✓ NM%	95/100	PP
							4	

Purchaser _____

Price _____



Pen No. 4 (Specialist Heifer Bulls)

Birth Date: 24-Aug-21
 Society ID: WNAS445
 Horn/Scurs/Poll: P

- A good-coloured heifer bull with soft coat
- This fellow offers top 15% calving ease credentials & low birthweight
- Exceptional carcase scan data supports his top 1% EMA & IMF% EBV
- Short GL helps achieve more calves early & extra days for Dam to return to oestrus

Easy-calve

— KOANUI UNANIMOUS 0408
 — KOANUI TECHNO 3062
 — KOANUI BLUSH 6455

Sire: WIRRUNA QUAMBONE Q135 (WNAQ135)
 — WIRRUNA FLETCHER F214
 — WIRRUNA LAST DAY H364
 — WIRRUNA LAST DAY F14

— NITHDALE JACKAL 090029
 — ORARI GORGE MISCHIEF 120083
 — NITHDALE LESLIE 090020

Dam: WIRRUNA MADAM N217 (WNAN217)
 — WIRRUNA HERNANDO H47
 — WIRRUNA MADAM K500
 — WIRRUNA MADAM H8 (H)



Dec 2022 GROUP BREEDPLAN EBV's

CALVING EASE EBVs				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	+5.5	-5.3	+2.2	+38	+71	+95	+70	+23
44%	36%	66%	72%	67%	66%	67%	61%	54%

FERTILITY EBVs		CARCASE EBVs						Docility
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	
+2.4	-4.3	+79	+8.5	+1.5	+2.0	+2.1	+2.5	+9
76%	39%	55%	50%	54%	58%	52%	55%	51%

STRUCTURAL ASSESSMENT							6-Dec-22	
							Muscle Score	
7	6	7	6	5	5	4	C+	Temp. 1

SINDEX VALUE				HVC BULL CHECK			EYES	Polled Gene
SSR	NSR	SBM	NBT	1-Dec-22	✓ Vet.	✓ PM%	70/100	Homz
\$222	\$218	\$237	\$179		✓ Serv.			PP
				36		NM%	4	

Purchaser _____

Price _____



Pen No. 4 (Specialist Heifer Bulls)

Birth Date: 11-Sep-21
 Society ID: WNAS560
 Horn/Scurs/Poll: P

- Good length, neck extension & depth of body
- Confident use over heifers - top 15% CE & low BWT genetics
- Provides top 10% early growth traits - 200D & 400D EBVs
- One of the better bulls for reducing gestation length - top 2% GL EBV

Easy-calve

WIRRUNA HARTWIG H297
 ┌── WIRRUNA KALIMNA K326
 WIRRUNA CORA H303
 Sire: WIRRUNA QANTAS Q036 (WNAQ036)
 WIRRUNA KEITH K169
 ┌── WIRRUNA LETITIA M367
 WIRRUNA LETITIA J135

 ALLENDALE ANZAC E114
 ┌── WIRRUNA MATTY M288
 WIRRUNA CIRCLE H13
 Dam: WIRRUNA UNDERTONE P423 (WNAP423)
 WIRRUNA JACK J12
 ┌── WIRRUNA UNDERTONE M116
 WIRRUNA UNDERTONE K464



Dec 2022 GROUP BREEDPLAN EBV's

CALVING EASE EBVs				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
+10.2	+5.9	-5.9	+2.4	+42	+72	+97	+90	+16
45%	35%	66%	72%	68%	68%	68%	60%	53%

FERTILITY EBVs		CARCASE EBVs						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Docility
+3.8	-4.6	+76	+4.0	+1.3	+1.7	+0.5	+2.0	-6
77%	40%	58%	52%	56%	60%	52%	58%	53%

STRUCTURAL ASSESSMENT							6-Dec-22	
Front 7	Back 6	Front 6	Back 6	5	5	4	Muscle Score C+	Temp. 2

SINDEX VALUE				HVC BULL CHECK			EYES	Polled Gene
SSR	NSR	SBM	NBT	1-Dec-22	Vet.	PM%		Homz
\$198	\$193	\$217	\$169	39	✓ Serv.	✓ NM%	100/90	PP
							4	

Purchaser _____

Price _____



Pen No. 4 (Specialist Heifer Bulls)

Birth Date: 12-Sep-21

Society ID: WNAS563

Horn/Scurs/Poll: P

- Nice stance, long-bodied & cherry-red coat
- Offers curve-bending growth profile from good calving ease
- Top 5% ranking for the all-important fertility traits for profitable beef herds
- Displays good structure & dam received perfect udder score at calving

Easy-calve

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

Sire: WIRRUNA QUEENSCLIFF Q027 (WNAQ027)
 ┌ OTAPAWA SPARK 3060 (IMP)
 WIRRUNA HYACINTH K9
 WIRRUNA HYACINTH G256

ORARI GORGE MISCHIEF 120083
 ┌ WIRRUNA NEVILLE N080
 WIRRUNA CIRCE L435

Dam: WIRRUNA VICTORIA Q329 (WNAQ329)
 ┌ WIRRUNA KILLARA K106
 WIRRUNA VICTORIA N476
 WIRRUNA VICTORIA J339



Dec 2022 GROUP BREEDPLAN EBV's

CALVING EASE EBVs				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
+6.8	+6.3	-2.0	+3.0	+38	+70	+92	+86	+21
42%	32%	58%	70%	65%	65%	65%	57%	50%

FERTILITY EBVs		CARCASE EBVs						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Docility
+3.9	-7.2	+67	+5.2	+0.9	+0.8	+1.3	+0.6	-2
76%	38%	52%	48%	52%	56%	50%	52%	46%

STRUCTURAL ASSESSMENT							6-Dec-22	
							Muscle Score	
6	5	5	5	5	5	4	C+	Temp. 2

SINDEX VALUE				HVC BULL CHECK			EYES	Polled Gene
SSR	NSR	SBM	NBT	1-Dec-22	✓ Vet.	✓ PM%	100/100	Hetz
\$188	\$177	\$192	\$141	36	✓ Serv.	NM%	4	Ph

Purchaser _____

Price _____

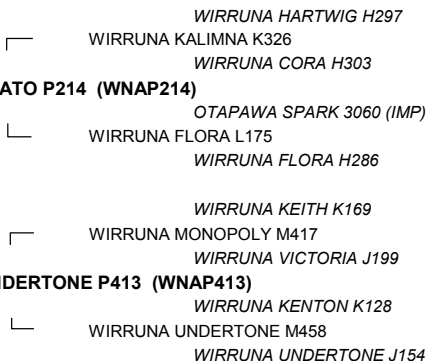


Pen No. 4 (Specialist Heifer Bulls)

Birth Date: 14-Sep-21
 Society ID: WNAS573
 Horn/Scurs/Poll: P

- A very sound & square bull with easy-fleshing ability
- Achieves above average growth with positive calving ease EBVs
- Scanned highly for fat offering improved finishing ability & female fertility
- Strong Milk, genetic fat & DtC traits auger well for keeping quality replacements

Easy-calve



Dec 2022 GROUP BREEDPLAN EBV's

CALVING EASE EBVs				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	+1.3	-2.5	+2.2	+40	+69	+89	+62	+22
43%	34%	61%	71%	66%	66%	67%	59%	52%

FERTILITY EBVs		CARCASE EBVs						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Dolcility
+2.6	-5.2	+71	+4.6	+2.5	+3.7	-0.3	+1.6	-25
77%	40%	55%	49%	53%	57%	50%	54%	47%

STRUCTURAL ASSESSMENT							6-Dec-22	
Front 6	Back 6	Front 5	Back 5	5	5	4	Muscle Score C+	Temp. 2

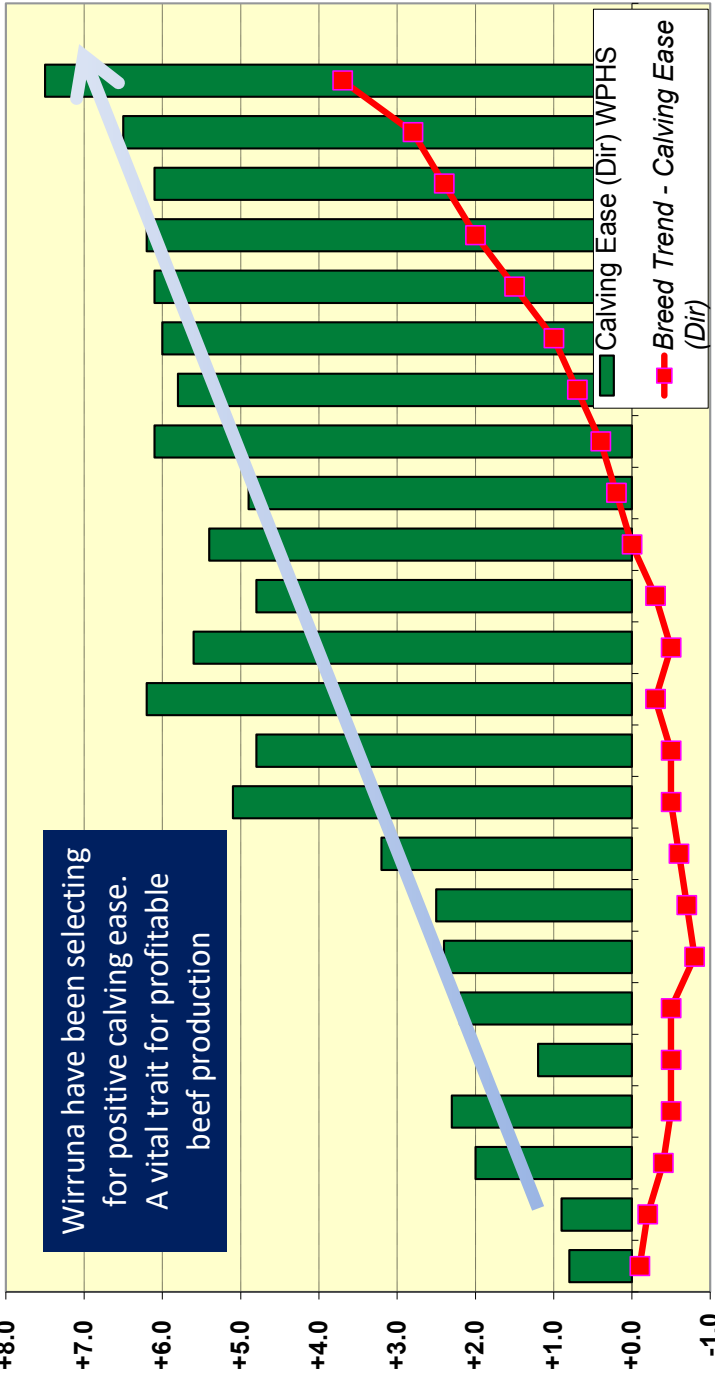
SINDEX VALUE				HVC BULL CHECK			EYES	Polled Gene
SSR	NSR	SBM	NBT	1-Dec-22	✓ Vet.	✓ PM%	100/100	Homz
\$186	\$177	\$192	\$143	35	✓ Serv.	✓ NM%	4	PP

Purchaser _____

Price _____

Calving Ease since 1999 Wirruna vs Overall Breed Average

Calving Ease (Direct) EBV



Wirruna have been selecting for positive calving ease. A vital trait for profitable beef production



Pen No. 1 (Good Herd Bulls)

Birth Date: 4-Aug-21
 Society ID: WNAS088
 Horn/Scurs/Poll: P

- Very sound bull with large testicles & fertility EBVs
- Shows length & butt shape - top 5% for CE Maternal EBV
- Top 5% marbling to improve carcase quality & MSA Index
- A genetic dehorner - homozygous polled

NJW 73S M326 TRUST 100W
 ┌ ELITE TRUST K215
 ELITE RUTH 0219 D163
 Sire: **GLENTREVOR TRUST N909 (HYAN909)**
 SOUTH BUKALONG WALLACE 2
 ┌ GLENTREVOR SIRIKIT J504
 GLENTREVOR SIRIKIT F252

 OTAPAWA SPARK 3060 (IMP)
 ┌ TOBRUK LENNOX
 Pine Hill MARITANA A619
 Dam: **WIRRUNA DOREEN P245 (WNAP245)**
 WIRRUNA HERD IMPROVER H483
 ┌ WIRRUNA DOREEN K333
 WIRRUNA DOREEN E42



Dec 2022 GROUP BREEDPLAN EBVs

CALVING EASE EBVs				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
+7.3	+8.4	-3.9	+3.7	+42	+68	+89	+66	+17
49%	36%	76%	74%	70%	69%	70%	62%	52%

FERTILITY EBVs		CARCASE EBVs						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Docility
+4.0	-5.1	+59	+2.8	+1.7	+1.9	-0.2	+1.9	+11
78%	38%	58%	52%	56%	60%	54%	59%	53%

STRUCTURAL ASSESSMENT							6-Dec-22	
							Muscle Score	
6	5	6	5	5	5	4	C+	Temp. 2

SINDEX VALUE				HVC BULL CHECK			EYES	Polled Gene
SSR	NSR	SBM	NBT	1-Dec-22	✓ Vet.	✓ PM%	100/100	Homz
\$194	\$182	\$201	\$141		✓ Serv.			PP
				42		NM%	4	

Purchaser _____

Price _____



Pen No. 1 (Good Herd Bulls)

Birth Date: 7-Aug-21
 Society ID: WNAS158
 Horn/Scurs/Poll: P

- A wide-bodied Juke son that holds his head high
- 2nd highest scan for marbling in the cohort - supporting his top 1% IMF% EBV
- Well grown - top 15% for the early growth traits
- Build calving ease genetics into your replacements with top 10% CE Maternal EBV

ARDO HUSTLER 4110 (IMP)
 ┌ ELITE 4110 E212
 SOUTH BUKALONG WINIFRED 54

Sire: **YAVENVALE JUKE J022 (YAVJ022)**
 ┌ MERRINA 219 ALTITUDE C41
 YAVENVALE CORISANDE G062
 YAVENVALE CORISANDE E019

WIRRUNA JUSTIN J13
 ┌ WIRRUNA MCLAREN M175
 WIRRUNA LORNA J413

Dam: **WIRRUNA CAMILLA P476 (WNAP476)**
 ┌ WIRRUNA JENSON J218
 WIRRUNA CAMILLA L259
 WIRRUNA CAMILLA J193



Dec 2022 GROUP BREEDPLAN EBV's

CALVING EASE EBV's				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
+3.6	+6.2	-3.1	+4.7	+41	+69	+85	+67	+13
47%	38%	75%	73%	69%	69%	69%	62%	59%

FERTILITY EBV's		CARCASE EBV's						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Docility
+2.0	-1.2	+53	+3.7	+0.3	-0.2	+0.1	+2.7	+9
78%	41%	58%	53%	57%	61%	55%	58%	52%

STRUCTURAL ASSESSMENT							6-Dec-22	
							Muscle Score C+	 Temp. 2
6	6	6	6	5	5	4		

SINDEX VALUE				HVC BULL CHECK			EYES	Polled Gene
SSR	NSR	SBM	NBT	1-Dec-22	✓ Vet.	✓ PM%	100/100	Homz
\$163	\$147	\$171	\$126	37	✓ Serv.	NM%	4	PP

Purchaser _____

Price _____



Pen No. 1 (Good Herd Bulls)

Birth Date: 9-Aug-21
 Society ID: WNAS195
 Horn/Scurs/Poll: S

- Good bodied Juke son displaying length & nice red coat
- High scan for marbling leading to IMF% EBV at the top end of the breed
- An embryo calf out of high quality Donor Dam L410 - 19 progeny
- Ranks in the top 5% for the Southern Baldie \$Index - the profit EBV

ARDO HUSTLER 4110 (IMP)
 ┌ ELITE 4110 E212
 SOUTH BUKALONG WINIFRED 54
 Sire: **YAVENVALE JUKE J022 (YAVJ022)**
 MERRINA 219 ALTITUDE C41
 ┌ YAVENVALE CORISANDE G062
 YAVENVALE CORISANDE E019
 MOUNT DIFFICULT CADBURY
 ┌ WIRRUNA JACK J12
 WIRRUNA LAST DAY G63
 Dam: **WIRRUNA LAST DAY L410 (WNAL410)**
 WIRRUNA FLETCHER F214
 ┌ WIRRUNA LAST DAY H364
 WIRRUNA LAST DAY F14



Dec 2022 GROUP BREEDPLAN EBV's

CALVING EASE EBVs				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
+8.2	+9.7	-4.1	+2.1	+36	+56	+80	+58	+21
51%	41%	69%	74%	71%	71%	72%	66%	63%

FERTILITY EBVs		CARCASE EBVs						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Docility
+0.7	-1.8	+59	+5.3	+0.3	-0.3	+1.4	+3.1	+7
77%	45%	61%	55%	59%	63%	57%	61%	58%

STRUCTURAL ASSESSMENT							6-Dec-22	
							Muscle Score C+	 Temp. 2
6	6	6	6	5	6	5		

SINDEX VALUE				HVC BULL CHECK			EYES	Polled Gene
SSR	NSR	SBM	NBT	1-Dec-22	✓ Vet.	✓ PM%	100/100	Hetz
\$185	\$172	\$205	\$152		✓ Serv.			Ph
				34		NM%	3	

Purchaser _____

Price _____



Pen No. 1 (Good Herd Bulls)

Birth Date: 9-Aug-21
 Society ID: WNAS196
 Horn/Scurs/Poll: P

- A long & deep-sided Fletcher son with top 15% marbling
- Achieves top 20% 200D growth from a positive set of calving ease traits
- Highest Milk EBV in the catalogue to lift maternal effect on weaner weights
- He features short gestation (top 10%) & quiet disposition in the paddock

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

 KOANUI UNANIMOUS 0408
 ┌── KOANUI TECHNO 3062
 KOANUI BLUSH 6455
 Dam: **WIRRUNA CAMILLA P207 (WNAP207)**
 WIRRUNA JACQUES J69
 ┌── WIRRUNA CAMILLA L383
 WIRRUNA CAMILLA J139



Dec 2022 GROUP BREEDPLAN EBV's

CALVING EASE EBVs				GROWTH & MATERNAL				
Calving Ease DIR (%)	Calving Ease DTRS (%)	Gestation Length (days)	Birth Weight	200-Day Growth	400-Day Weight	600-Day Weight	Mat Cow Weight	Genetic Milk
+4.1	+5.3	-3.5	+4.3	+41	+59	+76	+44	+27
54%	49%	76%	73%	70%	70%	71%	66%	63%

FERTILITY EBVs		CARCASE EBVs						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Dolicity
+1.5	-4.6	+55	+4.7	+0.4	-0.5	+1.2	+1.2	+5
78%	51%	63%	59%	61%	64%	58%	62%	56%

STRUCTURAL ASSESSMENT							6-Dec-22	
Front 6	Back 5	Front 6	Back 6	5	6	4	Muscle Score C+	Temp. 1

SINDEX VALUE				HVC BULL CHECK			EYES	Polled Gene
SSR	NSR	SBM	NBT	1-Dec-22	✓ Vet.	✓ PM%	30/100	Hetz
\$161	\$140	\$164	\$114	38	✓ Serv.	NM%	4	Ph

Purchaser _____

Price _____



Pen No. 1 (Good Herd Bulls)

Birth Date: 9-Aug-21
 Society ID: WNAS216
 Horn/Scurs/Poll: S

- Dark-red & smooth coated bull showing muscle shape
- Maternal benefits with top 10% CE(Dtrs) & top 5% Milk EBVs
- A classic curve bender - low BWT, high growth & low MCW
- Highly ranking for SS (top 10%) & DtC (top 15%) EBVs - equals high fertility

Easy-calve

WIRRUNA HARTWIG H297
 ┌ WIRRUNA KALIMNA K326
 WIRRUNA CORA H303

Sire: WIRRUNA QAJEER Q071 (WNAQ071)
 ┌ ALLENDALE ANZAC E114
 WIRRUNA MADAM L78
 WIRRUNA MADAM E325

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

Dam: WIRRUNA VICTORIA Q216 (WNAQ216)
 ┌ OTAPAWA SPARK 3060 (IMP)
 WIRRUNA VICTORIA M076
 WIRRUNA VICTORIA F203



Dec 2022 GROUP BREEDPLAN EBV's

CALVING EASE EBVs				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	+6.3	-3.0	+3.8	+42	+67	+91	+78	+26
43%	37%	63%	70%	65%	65%	66%	58%	52%

FERTILITY EBVs		CARCASE EBVs						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Docility
+3.5	-4.6	+62	+3.7	+0.4	+0.0	+1.6	+0.1	-2
77%	41%	55%	51%	54%	57%	51%	55%	47%

STRUCTURAL ASSESSMENT							6-Dec-22	
Front 6	Back 6	Front 6	Back 6	5	5	4	Muscle Score C+	Temp. 2

SINDEX VALUE				HVC BULL CHECK			EYES	Polled Gene
SSR	NSR	SBM	NBT	1-Dec-22	✓ Vet.	✓ PM%	95/100	Hetz
\$172	\$156	\$188	\$139	38	✓ Serv.	NM%	4	Ph

Purchaser _____

Price _____



Pen No. 1 (Good Herd Bulls)

Birth Date: 10-Aug-21

Society ID: WNAS239

Horn/Scurs/Poll: P

- Prize-fighter son showing good muscle definition
- Benefits from good early growth traits without compromising calving ease
- An extra quiet bull supported by top 5% genetic docility EBVs
- Top 5% gestation length to get calves on the ground sooner & easier calving

Twin

NITHDALE JACKAL 090029

ORARI GORGE MISCHIEF 120083

NITHDALE LESLIE 090020

Sire: WIRRUNA PRIZE FIGHTER P041 (WNAP041)

MOUNT DIFFICULT CADBURY

WIRRUNA LAST DAY J5

CO-OP5 LAST DAY G26

Easy-calve

QUAMBY PLAINS STOCKMASTER Y118

WIRRUNA FLETCHER F214

WIRRUNA LAST DAY B16 (H)

Dam: WIRRUNA LAST DAY N198 (WNAN198)

WIRRUNA JANSEN J143

WIRRUNA LAST DAY L515

WIRRUNA LAST DAY H331



Dec 2022 GROUP BREEDPLAN EBV's

CALVING EASE EBVs				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	+3.4	-5.5	+4.3	+40	+65	+88	+76	+19
47%	37%	66%	73%	68%	68%	68%	62%	54%

FERTILITY EBVs		CARCASE EBVs						Docility
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	
+1.4	-5.2	+61	+3.4	+0.8	+0.8	+0.7	+0.4	+18
76%	41%	56%	51%	55%	59%	53%	57%	53%

STRUCTURAL ASSESSMENT							6-Dec-22	
Front	Back	Front	Back	Side	Front	Side	Muscle Score	Temp.
6	5	6	6	6	6	4	C+	2

SINDEX VALUE				HVC BULL CHECK			EYES	Polled Gene
SSR	NSR	SBM	NBT	1-Dec-22	✓ Vet.	✓ PM%	100/100	Hetz
\$168	\$153	\$177	\$131	35	✓ Serv.	NM%	4	Ph

Purchaser _____

Price _____



Pen No. 1 (Good Herd Bulls)

Birth Date: 12-Aug-21
 Society ID: WNAS272
 Horn/Scurs/Poll: P

- Appreciate this bull's length, neck extension & body shape
- High marbling genetics - inherited from stayer dam who just weaned her 7th calf
- Having positive genetic fat is good risk management for those tough years
- Exhibits excellent temperament - best docility EBV in the catalogue

ALLENDALE YACKA
 ┌── ALLENDALE ANZAC E114
 ALLENDALE DAWN B22 (AI) (ET)
 Sire: **WIRRUNA NIXON N168 (WNAN168)**
 ELITE 4110 E212
 ┌── WIRRUNA DIDO H45
 WIRRUNA Dido F371

 WIRRUNA CHEVIOT C280
 ┌── WIRRUNA GABU G134
 SOUTH BUKALONG VICTORIA 202
 Dam: **WIRRUNA LAST DAY K116 (WNAK116)**
 WIRRUNA VICKERY (S)
 ┌── WIRRUNA LAST DAY H67
 WIRRUNA Last Day F196



Dec 2022 GROUP BREEDPLAN EBV's

CALVING EASE EBVs				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	+2.2	-0.1	+1.9	+35	+52	+66	+24	+17
46%	38%	76%	74%	69%	69%	69%	63%	56%

FERTILITY EBVs		CARCASE EBVs						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Docility
+2.8	-4.7	+50	+3.6	+2.5	+3.7	-1.3	+2.8	+20
78%	42%	58%	53%	56%	60%	54%	57%	53%

STRUCTURAL ASSESSMENT							6-Dec-22	
							Muscle Score	
6	6	6	5	5	5	5	C+	Temp. 1

SINDEX VALUE				HVC BULL CHECK			EYES	Polled Gene
SSR	NSR	SBM	NBT	1-Dec-22	✓ Vet.	✓ PM%	100/100	Homz
\$162	\$151	\$153	\$102	39	✓ Serv.	NM%	4	PP

Purchaser _____

Price _____



Pen No. 1 (Good Herd Bulls)

Birth Date: 27-Aug-21

Society ID: WNAS489

Horn/Scurs/Pol: P

- I really like the length of this bull - sleek red coat
- Shows good growth - early growth EBVs in top 15% of breed
- Large testicles - genetics for fertility in top 1% for scrotal size & DTC EBVs
- Carries genetics for marbling (IMF% EBV in top 5%) to improve MSA Index

NITHDALE JACKAL 090029

┌ ORARI GORGE MISCHIEF 120083

NITHDALE LESLIE 090020

Sire: WIRRUNA QUAY Q118 (WNAQ118)

┌ ALLENDALE ANZAC E114

┌ WIRRUNA CIRCLE M395

WIRRUNA CIRCLE H13

QUAMBY PLAINS STOCKMASTER Y118

┌ WIRRUNA FLETCHER F214

WIRRUNA LAST DAY B16 (H)

Dam: WIRRUNA LAST DAY M090 (WNAM090)

MOUNT DIFFICULT FELLIS Y12 (AI)

┌ WIRRUNA LAST DAY D84

WIRRUNA LAST DAY B140



Dec 2022 GROUP BREEDPLAN EBV's

CALVING EASE EBVs				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	+4.5	-2.4	+6.6	+42	+67	+90	+70	+17
45%	38%	62%	72%	66%	66%	66%	60%	55%

FERTILITY EBVs		CARCASE EBVs							
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Docility	
+6.1	-6.7	+56	+3.9	+0.7	+0.4	+0.5	+2.1	+17	
76%	42%	55%	51%	55%	58%	53%	55%	53%	

STRUCTURAL ASSESSMENT							6-Dec-22	
Front 7	Back 7	Front 7	Back 7	5	6	3	Muscle Score C+	Temp. 2

SINDEX VALUE				HVC BULL CHECK			EYES	Polled Gene
SSR	NSR	SBM	NBT	1-Dec-22	✓ Vet.	✓ PM%	100/100	Hetz
\$187	\$169	\$181	\$127	42	✓ Serv.	NM%	4	Ph

Purchaser _____

Price _____

Lot 79  **WIRRUNA URSULA M301 (AI)** **M301**

Pen No. 6 (PTIC Breeders)

Birth Date: 22-Aug-16
 Society ID: WNAM301
 Horn/Scurs/Poll: P

- A nicely-shaped Spark daughter with large body capacity
- Recently weaned a high end 'T' calf & in calf again to new sire S194
- Carries strong CE traits assist \$Index arithmetic - Profit EBVs in top 20%
- Good udder, very sound, wide across the hips & perfect fertility record
 'Star Lot'

ALLENDALE MUSKETEER (AI) (S)
 ┌── STUDBROOK D'ARTAGNION V086 (AI) (ET)
 BOWEN TRICEL P180

Sire: **OTAPAWA SPARK 3060 (IMP) (OTA033060NZHB)**
 ┌── MONYMUSK DISCOVERY L34 (IMP)
 OTAPAWA SPOT P30
 OTAPAWA SPOT L44

SOUTH BUKALONG WALKER 6
 ┌── SOUTH BUKALONG WALLACE 2
 SOUTH BUKALONG VICTORIA 152

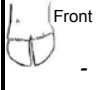




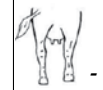

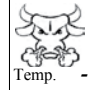
Dam: **WIRRUNA URSULA F25 (WNAF25)**
 ┌── KOANUI ROCKET 0219
 WIRRUNA URSULA D45
 WIRRUNA URSULAB20




Dec 2022 GROUP BREEDPLAN EBV's

CALVING EASE EBVs				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
+7.7	+9.6	-2.7	+2.0	+36	+54	+74	+65	+17
62%	57%	77%	80%	76%	76%	78%	77%	71%

FERTILITY EBVs		CARCASE EBVs						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Docility
+1.5	-5.3	+59	+4.2	+2.1	+2.8	-0.2	+1.1	+4
71%	59%	69%	63%	69%	72%	66%	68%	65%

STRUCTURAL ASSESSMENT							M301	
							Muscle Score	
-	-	-	-	-	-	-	-	Temp. -

INDEX VALUE				HVC BULL CHECK			EYES	Polled Gene
SSR	NSR	SBM	NBT		Vet.	PM%	100/100	Homz
\$162	\$157	\$173	\$124	-	Serv.	NM%		

Purchaser _____

Price _____

**FEMALE
LOTS**

Lot 80  **WIRRUNA OYSTER GIRL M472** **M472**

Pen No. 6 (PTIC Breeders) Birth Date: 4-Sep-16
 Society ID: WNAM472
 Horn/Scurs/Poll: P

- Very docile cow by Justin with excellent udder
- Top 5% retail beef yield combines with top 5% muscle & top 15% marbling
- Great track record - exceeded all hurdles of Wirruna's disciplined cow program
- Nice barrelled body - combining femininity with length & width

CAPETHORNE HOT SHOT 03 22

┌ MATARIKI HOLY-SMOKE
 MATARIKI GIRLIE 00323

Sire: **WIRRUNA JUSTIN J13 (WNAJ13)**

┌ WIRRUNA ELDAD E107
 WIRRUNA DOREEN G393
 WIRRUNA DOREEN E42

SOUTH BUKALONG WALLACE 2

┌ WIRRUNA FIFIELD F184
 MOUNT DIFFICULT LORNA B101

Dam: **WIRRUNA OYSTER GIRL H321 (H) (WNAH321)**

┌ WIRRUNA CALLAN C26
 WIRRUNA OYSTER GIRL E362
 WIRRUNA OYSTER GIRL C74





Dec 2022 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
+8.4	+8.8	-0.9	+0.8	+26	+50	+58	+28	+7
58%	49%	77%	80%	76%	76%	77%	76%	71%

FERTILITY EBVs		CARCASS EBVs						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Docility
+1.9	-4.3	+52	+6.9	+1.1	+1.5	+2.2	+1.3	+17
77%	53%	67%	61%	66%	70%	63%	65%	63%

INDEX VALUE			
SSR	NSR	SBM	NBT
\$186	\$193	\$189	\$127

EYES	Polled Gene
100/100	Hetz
	 Ph
4	

JOINING SIRE: Wirruna Romeo R084
Est. Calving Date: 25-Aug-23

Purchaser _____ Price _____

**FEMALE
LOTS**

Lot 81  **WIRRUNA FLORA N163 (A1)** **N163**

Pen No. 6 (PTIC Breeders)

Birth Date: 14-Aug-17
 Society ID: WNAN163
 Horn/Scurs/Poll: P

- A good footed Fort daughter - Bomb-proof breeding cows
- Offers high fertility & marbling - top 5% DtC & IMF% EBVs
- Preg scanned in calf to high \$Index bull - Wirruna Ryan R121
- Nice soft coat, shows extra length with smooth shoulder & tapered body shape

┌─── SOUTH BUKALONG WALKER 6
 ┌─── SOUTH BUKALONG WALLACE 2
 ┌─── SOUTH BUKALONG VICTORIA 152

Sire: WIRRUNA FORT F382 (WNAF382)

┌─── MOUNT DIFFICULT FELLIS Y12 (A1)
 ┌─── MOUNT DIFFICULT LORNA B123
 ┌─── MOUNT DIFFICULT LORNA X73

┌─── ELITE 4110 E212
 ┌─── WIRRUNA HERNANDO H47
 ┌─── WIRRUNA VICTORIA F203

Dam: WIRRUNA FLORA L298 (WNAL298)

┌─── QUAMBY PLAINS STOCKMASTER Y118
 ┌─── WIRRUNA FLORA C178
 ┌─── WIRRUNA FLORA U127





Dec 2022 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
+5.8	+2.5	-3.2	+3.5	+30	+50	+72	+48	+16
59%	52%	76%	80%	75%	75%	77%	76%	69%

FERTILITY EBVs		CARCASS EBVs						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Docility
+2.5	-6.2	+52	+4.5	+0.9	+1.1	+1.5	+1.7	+16
73%	56%	67%	60%	66%	70%	63%	66%	62%

INDEX VALUE			
SSR	NSR	SBM	NBT
\$176	\$166	\$173	\$122

EYES	Polled Gene
100/100	Homz
	 PP
4	

JOINING SIRE: Wirruna Ryan R121

Est. Calving Date: 10-Aug-23

Purchaser _____

Price _____

**FEMALE
LOTS**

Lot 82



WIRRUNA MADAM N370

N370

Pen No. 6 (PTIC Breeders)

Birth Date: 28-Aug-17
Society ID: WNAN370
Horn/Scurs/Poll: P

- Displays length, width across the pins & spring of rib
- Offering those trade-mark EBVs for calving ease, muscle & marbling
- An easy fleshing cow - top 5% for Rib & rump fat EBVs
- PTIC to exciting young sire Wirruna Romeo R084 (Lot 1 in sale)

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

VALMA MERCHANT
┌ YAVENVALE GURU
 YAVENVALE TREASURE D403
Dam: **WIRRUNA MADAM K62 (WNAK62)**
 VALMA MAGNUM II
┌ WIRRUNA MADAM G139
 WIRRUNA MADAM E325



Dec 2022 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
+6.1	+3.4	-2.8	+0.4	+30	+52	+58	+30	+19
55%	46%	72%	79%	74%	74%	76%	74%	66%

FERTILITY EBVs		CARCASE EBVs						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Dolicity
+0.9	-5.4	+59	+6.0	+2.1	+2.9	+0.9	+1.2	+4
74%	52%	64%	57%	63%	68%	60%	63%	62%

SINDEX VALUE			
SSR	NSR	SBM	NBT
\$158	\$159	\$159	\$114

EYES	Polled Gene
100/100	Homz
4	PP

JOINING SIRE: Wirruna Romeo R084

Est. Calving Date: 20-Aug-23

Purchaser _____

Price _____

Lot 83  **WIRRUNA MIDGE P069 (AI)** **P069**

Pen No. 6 (PTIC Breeders) Birth Date: 6-Aug-18
 Society ID: WNAP069
 Horn/Scurs/Poll: P

- Good coloured & feminine cow by Katnook
- Ideal carcase traits - top 5% EMA & top 5% marbling for improving MSA performance
- Carries high fertility - top 5% DtC to concieve more calves more quickly
- Long-necked, displays good body capacity & achieves a perfect udder score

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

STUDBROOK D'ARTAGNION V086 (AI) (ET)

┌ OTAPAWA SPARK 3060 (IMP)
 OTAPAWA SPOT P30

Dam: WIRRUNA MIDGE L296 (WNAL296)

WIRRUNA COMMANDER C68

┌ WIRRUNA MIDGE F322
 WIRRUNA MIDGE A51





Dec 2022 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
+6.8	+6.6	-4.6	+4.3	+33	+45	+62	+50	+6
56%	48%	76%	78%	74%	73%	75%	70%	65%

FERTILITY EBVs		CARCASE EBVs						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Dolicity
+1.8	-5.9	+43	+6.2	+1.7	+1.6	+0.9	+2.2	-12
73%	51%	65%	60%	64%	68%	61%	64%	61%

SINDEX VALUE			
SSR	NSR	SBM	NBT
\$168	\$168	\$166	\$118

EYES	Polled Gene
100/100	Homz
	
4	PP

JOINING SIRE: Wirruna Russell R474
Est. Calving Date: 15-Aug-23

Purchaser _____ Price _____

**FEMALE
LOTS**

Lot 84



WIRRUNA VICTORIA P365 (ET)

P365

Pen No. 6 (PTIC Breeders)

Birth Date: 23-Aug-18
Society ID: WNAP365
Horn/Scurs/Poll: P

- Out of a favourite Donor cow - length with extra frame
- Offering Juke's trade-mark marbling genes - IMF% EBV is top 1%
- Top 1% early growth EBVs assist to achieve top 1% SSR & NSR \$Indices
- Joined to the Super Sire Rockefeller - an exciting prospective genetic package
'Star Lot'

ARDO HUSTLER 4110 (IMP)

┌ ELITE 4110 E212
SOUTH BUKALONG WINIFRED 54

Sire: YAVENVALE JUKE J022 (YAVJ022)

MERRINA 219 ALTITUDE C41

┌ YAVENVALE CORISANDE G062
YAVENVALE CORISANDE E019

MOUNT DIFFICULT FELLIS Y12 (AI)

┌ WIRRUNA DAFFY D1
MOUNT DIFFICULT LAST DAY A205

Dam: WIRRUNA VICTORIA G7 (WNAG7)

ALLENDALE NATIONAL W168

┌ WIRRUNA VICTORIA E112
SOUTH BUKALONG VICTORIA 202



Dec 2022 GROUP BREEDPLAN EBV's

CALVING EASE				GROWTH & MATERNAL				
Calving Ease DIR (%)	Calving Ease DTRS (%)	Gestation Length (days)	Birth Weight	200-Day Growth	400-Day Weight	600-Day Weight	Mat Cow Weight	Genetic Milk
+0.2	+4.5	-5.1	+6.1	+53	+87	+114	+95	+14
58%	48%	76%	79%	75%	75%	75%	69%	66%

FERTILITY EBVs		CARCASS EBVs						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Dolicity
+4.4	-4.4	+82	+6.1	+1.5	+2.3	+1.1	+2.5	+0
72%	49%	65%	59%	64%	68%	61%	65%	63%

SINDEX VALUE			
SSR	NSR	SBM	NBT
\$221	\$215	\$212	\$153

EYES	Polled Gene
100/100	Homz
4	PP

JOINING SIRE: Wirruna Rockefeller R355

Est. Calving Date: 25-Aug-23

Purchaser _____

Price _____

Lot 85  **WIRRUNA DOREEN P460 (ET)** **P460**

Pen No. 6 (PTIC Breeders)

Birth Date: 29-Aug-18
 Society ID: WNAP460
 Horn/Scurs/Poll: P

- An Eiffel Tower cow showing volume & depth of body
- Shows easy doing ability & carcass quality - top 10% for IMF% & Rib fat
- Out of the prolific K307 Donor cow - PTIC to Wirruna Romeo R084
- Features a good square udder, attractive coat colour & homozygous polled genetics

OKAWA BENNETT 01076
 ┌── OKAWA LAIDLAW 4156
 OKAWA AMETHYST S46
Sire: MONYMUSK EIFFEL TOWER (IMP NZL) (OSA272090140NZHB)
 MONYMUSK TYPHOON 03 0041
 ┌── MONYMUSK LEONORA 050091
 MONYMUSK LEONORA 03 0008

ELITE 4110 E212
 ┌── WIRRUNA HOLLYWOOD H22
 WIRRUNA MADAM F18
Dam: WIRRUNA DOREEN K307 (WNAK307)
 WIRRUNA ECHUCA E99
 ┌── WIRRUNA DOREEN H375
 WIRRUNA DOREEN C160





Dec 2022 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
+6.9	+6.0	+0.8	+1.8	+26	+46	+65	+34	+13
59%	52%	68%	79%	74%	74%	75%	70%	67%

FERTILITY EBVs		CARCASS EBVs						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Docility
+1.0	-3.8	+38	+1.4	+1.8	+2.3	-0.7	+1.5	-12
71%	51%	65%	58%	64%	68%	62%	64%	59%

INDEX VALUE			
SSR	NSR	SBM	NBT
\$156	\$143	\$161	\$108

EYES	Polled Gene
100/95	Homz
	 PP
4	

JOINING SIRE: Wirruna Romeo R084
Est. Calving Date: 20-Aug-23

Purchaser _____ Price _____

**FEMALE
LOTS**

Lot 86



WIRRUNA GOLDEN VANITY P509

P509

Pen No. 6 (PTIC Breeders)

Birth Date: 3-Sep-18
Society ID: WNAP509
Horn/Scurs/Poll: P

- Well grown & high capacity female with extra frame
- A stylish animal that had high-end marbling data at scanning - top 5% IMF%
- Top 5% DtC EBV & positive fat genetics for driving herd fertility
- I like her udder structure & natural growth - top 5% early growth traits

ARDO HUSTLER 4110 (IMP)

┌ TOBRUK JEDI

Pine Hill MARITANA A619

Sire: **WIRRUNA LAZARO L249 (WNAL249)**

┌ ALLENDALE NATIONAL W168

WIRRUNA VICTORIA D30

SOUTH BUKALONG VICTORIA 196

WIRRUNA CHEVIOT C280

┌ WIRRUNA GABU G134

SOUTH BUKALONG VICTORIA 202

Dam: **WIRRUNA GOLDEN VANITY K94 (WNAK94)**

WIRRUNA ECHUCA E99

┌ WIRRUNA GOLDEN VANITY H77

WIRRUNA GOLDEN VANITY F11



Dec 2022 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
-1.9	+0.7	+1.2	+6.1	+45	+76	+100	+97	+15
49%	40%	73%	77%	71%	72%	74%	68%	61%

FERTILITY EBVs		CARCASE EBVs						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Dolacity
+3.2	-6.0	+63	+2.8	+1.6	+2.5	-0.6	+1.7	+3
66%	42%	61%	51%	61%	65%	57%	59%	54%

INDEX VALUE			
SSR	NSR	SBM	NBT
\$163	\$148	\$149	\$110

EYES	Polled Gene
100/100	Homz
5	PP

JOINING SIRE: Wirruna Russell R474

Est. Calving Date: 04-Sep-23

Purchaser _____

Price _____

FEMALE
LOTS

Lot 87  **WIRRUNA CORA Q373** **Q373**

Pen No. 6 (PTIC Breeders)

Birth Date: 28-Aug-19
Society ID: WNAQ373
Horn/Scurs/Poll: P

- A soft-skinned cow with loads of frame & body-length
- Use to capture muscle & meat yield traits - top 5% EMA & RBY% EBVs
- Offers good growth - top 20% growth & CWT EBVs
- A genetic dehorner with top 5% SSR \$Index - in calf to Romeo R084

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

Sire: **WIRRUNA MORRIS M404 (WNAM404)**
WIRRUNA CANDIDATE C118

WIRRUNA CORA E319
WIRRUNA CORA B38

MATARIKI HOLY-SMOKE
WIRRUNA JESTER J138
WIRRUNA LAST DAY G232

Dam: **WIRRUNA CORA L455 (WNAL455)**
WIRRUNA EASTER E34

WIRRUNA CORA G300
WIRRUNA CORA E368





Dec 2022 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
+2.4	+0.5	-1.7	+6.5	+39	+72	+99	+79	+16
47%	39%	60%	76%	70%	70%	72%	66%	60%

FERTILITY EBVs		CARCASE EBVs						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBY (%)	IMF (%)	Dolicity
+2.2	-5.7	+67	+7.4	+0.4	+0.3	+2.3	+0.7	-10
70%	43%	59%	49%	59%	63%	55%	57%	54%

SINDEX VALUE			
SSR	NSR	SBM	NBT
\$195	\$178	\$186	\$131

EYES	Polled Gene
100/100	Homz
	
5	PP

JOINING SIRE: Wirruna Romeo R084
Est. Calving Date: 16-Sep-23

Purchaser _____ Price _____

**FEMALE
LOTS**

Lot 88



WIRRUNA MIDGE Q539

Q539

Pen No. 6 (PTIC Breeders)

Birth Date: 23-Sep-19
Society ID: WNAQ539
Horn/Scurs/Poll: P

- Long & functional cow with feminine wedge-shape
- Consider her exceptional growth & carcass weight EBVs - produce more kgs
- Carries beneficial fertility traits - top 5% SS & top 15% DtC EBVs
- Good trait balance helps the arithmetic - \$Indices in top 10%

NITHDALE JACKAL 090029
ORARI GORGE MISCHIEF 120083
NITHDALE LESLIE 090020

Sire: WIRRUNA NEVILLE N080 (WNAN080)

WIRRUNA JOPLIN J191
WIRRUNA CIRCE L435
CO-OP5 CIRCE J509

WIRRUNA JAFFA J55
WIRRUNA LAUNCESTON L396
WIRRUNA CORA J230

Dam: WIRRUNA MIDGE N457 (WNAN457)

WIRRUNA JUSTIN J13
WIRRUNA MIDGE L574
WIRRUNA MIDGE H128



Dec 2022 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
+1.9	+1.5	-1.3	+6.9	+50	+85	+113	+103	+15
45%	34%	59%	73%	67%	68%	71%	62%	54%

FERTILITY EBVs		CARCASS EBVs						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Dolicity
+4.1	-4.9	+71	+3.2	+1.1	+1.1	+0.2	+1.2	+1
64%	43%	56%	46%	56%	61%	52%	54%	49%

\$INDEX VALUE			
SSR	NSR	SBM	NBT
\$190	\$172	\$187	\$137

EYES	Polled Gene
100/100	Homz
4	PP

JOINING SIRE: Wirruna Russell R474

Est. Calving Date: 10-Aug-23

Purchaser _____

Price _____

FEMALE LOTS

Lot 89  **WIRRUNA VICTORIA R039 (AI)** **R039**

Pen No. 6 (PTIC Breeders) Birth Date: 1-Aug-20
 Society ID: WNRAR039
 Horn/Scurs/Poll: P

- Phenotype + Performance - nicely fleshed & tidy udder
- Females with such ideal EBV's are rarely offered for sale - seize the opportunity!
- Features curve bending growth, exceptional carcasse & high fertility - top 1% DtC
- Huge profit potential with maternal \$Indices in the top 1% of the breed
 'Star Lot'

CAPETHORNE HOT SHOT 03 22

┌ MATARIKI HOLY-SMOKE
 MATARIKI GIRLIE 00323

Sire: **WIRRUNA JUSTIN J13 (WNAJ13)**
 WIRRUNA ELDAD E107

┌ WIRRUNA DOREEN G393
 WIRRUNA DOREEN E42

WIRRUNA FLETCHER F214

┌ WIRRUNA MOLONG M010
 WIRRUNA CORA D9

Dam: **WIRRUNA VICTORIA P291 (WNAP291)**
 WIRRUNA KAMA K8

┌ WIRRUNA VICTORIA M370
 WIRRUNA VICTORIA K541





Dec 2022 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	+9.9	-5.5	+1.7	+34	+66	+81	+59	+6
55%	47%	77%	76%	71%	71%	74%	68%	63%

FERTILITY EBVs		CARCASS EBVs						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Dolicity
+3.1	-8.1	+72	+8.4	+2.8	+3.9	+0.8	+2.0	+12
70%	51%	63%	58%	63%	66%	59%	63%	55%

SINDEK VALUE			
SSR	NSR	SBM	NBT
\$232	\$239	\$229	\$156

EYES	Polled Gene
100/100	Homz
	 PP
4	

JOINING SIRE: Wirruna Romeo R084
Est. Calving Date: 16-Sep-23

Purchaser _____ Price _____

**FEMALE
LOTS**

Lot 90



WIRRUNA CORA R154 (AI)

R154

Pen No. 6 (PTIC Breeders)

Birth Date: 7-Aug-20
Society ID: WNR154
Horn/Scurs/Poll: P

- Justin daughter with good conformation & neck-extension
- A little extra birthweight & growth genes, without compromising calving ease
- Nicely combines carcass quality & quantity - Top 5% EMA & RBY% & top 20% IMF%
- Offers docility, extra frame & profit potential - top 5% for SSR & NSR

CAPETHORNE HOT SHOT 03 22

┌ MATARIKI HOLY-SMOKE
└ MATARIKI GIRLIE 00323

Sire: WIRRUNA JUSTIN J13 (WNAJ13)

┌ WIRRUNA ELDAD E107
└ WIRRUNA DOREEN G393
WIRRUNA DOREEN E42

WIRRUNA FLETCHER F214

┌ WIRRUNA KATNOOK K74
└ WIRRUNA VICTORIA G7

Dam: WIRRUNA CORA N373 (WNAN373)

┌ MOUNT DIFFICULT CADBURY
└ WIRRUNA CORA J8
WIRRUNA CORA G67



Dec 2022 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
+2.4	+7.6	-4.3	+7.2	+47	+73	+99	+93	+6
57%	49%	77%	77%	72%	72%	74%	69%	64%

FERTILITY EBVs		CARCASS EBVs						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBY (%)	IMF (%)	Docility
+2.7	-3.6	+64	+6.6	+0.9	+0.9	+2.0	+1.1	+11
70%	51%	64%	59%	63%	67%	60%	64%	58%

INDEX VALUE			
SSR	NSR	SBM	NBT
\$193	\$191	\$191	\$135

EYES	Polled Gene
100/100	Homz
3	PP

JOINING SIRE: WIRRUNA ROCKEFELLER R355

Est. Calving Date: 27-Aug-23

Purchaser _____

Price _____



Lot 79



Lot 89

Lot 91 ✓ 10 x Stud Breeding Cows (PTIC)

Pen No. 12A (Stud cows)

- 10 fully recorded and registered breeding females
- Rising 3 to 4 years of age (R & Q tags)
- Joined to next generation Wirruna Sires
- Pregnancy tested to calve (mid Aug-Sep '23)
- EBV's & joining details available upon request

Purchaser _____ Price _____

Lot 92 ✓ 10 x Stud Breeding Cows (PTIC)

Pen No. 12B (Stud cows)

- 10 fully recorded and registered Poll Hereford cows
- Rising 5 years of age (P tags)
- Joined to high \$Index Wirruna Sires
- Biosecurity J-BAS 8 for Johnes Disease
- EBV's & joining details available upon request

Purchaser _____ Price _____

Lot 93 ✓ 12 x Stud Breeding Cows (PTIC)

Pen No. 2 (Stud cows)

- 12 fully recorded and registered Poll Hereford cows
- Rising 6 to 9 years of age (N,M,L & K tags)
- Joined to next generation Wirruna Sires
- Pregnancy tested to calve (mid Aug-Sep '23)
- EBV's & joining details available upon request

Purchaser _____ Price _____

Lot 94 ✓ 5 x Performance Recorded Cows (PTIC)

Pen No. 15 (Commercial cows)

- 5 fully recorded Poll Hereford cows
- Rising 3 years of age (R tags)
- Joined to next generation Wirruna Sires
- Biosecurity J-BAS 8 for Johnes Disease
- EBV's & joining details available upon request

Purchaser _____ Price _____

Lot 95 ✓ 20 x Performance Recorded Cows (PTIC)

Pen No. 13 (Commercial cows)

- 20 fully recorded Poll Hereford cows
- Rising 4 years of age (Q tags)
- Joined to high \$Index Wirruna Sires
- Pregnancy tested to calve (mid Aug-Sep '23)
- EBV's & joining details available upon request

Purchaser _____ Price _____

Lot 96 ✓ 10 x Performance Recorded Cows (PTIC)

Pen No. 14A (Commercial cows)

- 10 fully recorded Poll Hereford cows
- Rising 5 years of age (P tags)
- Joined to next generation Wirruna Sires
- Biosecurity J-BAS 8 for Johnes Disease
- EBV's & joining details available upon request

Purchaser _____ Price _____

Lot 97 ✓ 5 x Performance Recorded Cows (PTIC)

Pen No. 14B (Commercial cows)

- 5 fully recorded Poll Hereford cows
- Rising 6 to 7 years of age (M & N tags)
- Joined to next generation Wirruna Sires
- Pregnancy tested to calve (mid Aug-Sep '23)
- EBV's & joining details available upon request

Purchaser _____ Price _____

Information on joining sires of female lots

<i>SIRE ID</i>	<i>Sire</i>	<i>CE (Dir)</i>	<i>BW</i>	<i>400D</i>	<i>Milk</i>	<i>EMA</i>	<i>IMF%</i>	<i>SSR Index</i>
WNAS194	Limehills Starter 160062	+4.1	+5.4	+87	+16	+6.4	+2.1	\$243
WNAR084	Glentrevor Trust N909	+6.7	+3.2	+80	+18	+3.9	+1.5	\$199
WNAR121	Wirruna Ledger L285	+8.6	+3.6	+82	+21	+6.5	+2.3	\$233
WNAR355	Wirruna Napier N216	+1.5	+2.6	+69	+19	+8.1	+3.1	\$183
WNAR474	Wirruna Promise P239	+12.7	-0.7	+59	+18	+4.6	+1.7	\$185

REGISTERED GROUP LOTS



COMMERCIAL GROUP LOTS



BUYER'S INSTRUCTION SLIP

Name of Buyer:.....

Buyer No.

Address:

Telephone:

PIC No.

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 have been introduced by an outside agent
(notified in writing at least 12 hours beforehand)

Agents Name:

Do you need insurance on your purchase/s

12 months 6 months

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.***



WIRRUNA
poll herefords



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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Valent BioSciences Corporation, Libertyville, IL, USA.

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

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



Rabobank



RAB00210-5441

NOTES

NOTES

***Videos available on Wirruna website
after 8th February 2023***



Date to Remember
ON PROPERTY AT "SPRING VALLEY"

Spring Bull Sale

WEDNESDAY, 23RD AUGUST 2023

To view an online video of the
Autumn 2023 sale bulls, go to
www.wirruna.com and click the link on
the home page.

LOCATION MAP

