2025 | Sire Catalogue

There's always room for improvement

LIC®
LIVESTOCK IMPROVEMENT

Your Success, Our Mission

We are proud to once again showcase our genetics products, reaffirming our commitment to provide farmers with genetic solutions that drive farm profitability, deliver lasting returns on investment, and reduce herd emissions intensity – an essential consideration as our sector increasingly focuses on sustainability.

With a lower dairy payout this season, it's tempting to make quick decisions on where to cut costs. However, the breeding decisions you make this year will impact the cows you'll be milking in three years' time. It's crucial therefore to make choices that will continue to drive production efficiency through increased genetic gain, irrespective of where the payout lands in the not-too-distant future.

By selecting the right bulls, you position yourself to build a more profitable and efficient herd, offering a far more reliable strategy than trying to predict future payout fluctuations.

Last year, we introduced our Fast Forward Team™, which received an overwhelmingly positive response. This year, we continue our commitment to offering the newest and best genetics available, including our selection of Holstein Friesian and KiwiCross® genomic sires.

Many of the Payne's P bulls, initially marketed as genomic, have graduated as excellent all-around sires, highlighting the confidence we have in our livestock selection process and the effectiveness of LIC's Single Step Animal Model's gBW predictions.

This year, we've added more functionality by introducing a couple of new elements to our bull profile pages. You'll notice a QR code for the majority of our profiled bulls. This will help you reach the most up-to-date figures on each bull, following the NZAEL animal evaluation runs that occur each month, to assist you in making more accurate breeding decisions.

Hilary Lunn

We've also included a small cow/calf symbol in the corner of certain bull photos. This indicates that a bull is easier calving when used on heifer matings, which is useful when AI is used on younger stock. Our job is to help you breed better cows, faster and are happy to field any questions on this or other topics.

Don't hesitate to contact your District Manager to fine-tune your mating plans and maximise the return on your genetic investments.

We wish you all the best for a successful season ahead.

Hilary Lunn
Country Manager - Australia

Contents

Limitations on the sale of and use for First Generation Male Offspring

The LIC genetics products available to you by Livestock Improvement Pty Ltd are subject to strict Terms and Conditions.

The sale of LIC genetic products (excluding SGL Compact semen) to the customer must only be used to:

a) Inseminate animals ordinarily in the customer's herd.

b) Generate replacement heifer calves for use within the customer's herd or to sell as excess heifers.

c) Generate bull calves to be used for natural mating purposes only and for sale to third parties for natural mating purposes only with LIC's prior written approval.

SGL Compact™

Not including heifer calves resulting from matings using SGL plus gBW semen, SGL Compact semen must only be used for the purpose of facilitating short gestation length pregnancies to create animals which must not be used for any breeding purposes or for the collection of semen.

It is the responsibility of the purchaser to make themselves aware of the full Terms and Conditions, which are available to you on page 63.

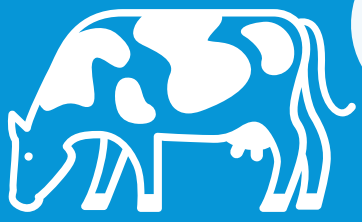
Our Genetics

LIC's breeding objective is to breed bulls that breed profitable cows - cows that are not only efficient converters of feed to milk, but cows that get back in calf easily each year and last many lactations within the herd.

Low Maintenance
NZ cows are bred for production efficiency, with lower maintenance requirements allowing greater partitioning of feed to milk production

Strong Udders
NZ cows complete 5 lactations on average in their lifetime, spending more years at peak lactation

Productive
NZ cows average 5.1% fat and 4.0% protein, with many achieving 1kg milk solids from 1 kg liveweight[1]



Efficient
NZ cows can efficiently convert feed into profit over a variety of systems

Long Living
NZ cows average close to 7 years of age, with good fertility and longevity allowing more voluntary culling on farm to drive herd quality

Robust
NZ cows are fit to walk to and from the milking shed every day, twice a day

Fertile
The NZ herd replacement rate is around 20% per season, which gives farmers a better chance to breed the right cows with the right genetics and improve their herds

Reliable
LIC bulls are proven across hundreds of commercial herds, producing highly efficient hard-working daughters

[1] New Zealand Dairy Statistics, 2023-2024

Artificial Insemination

DIY AI Certification

LIC offers a comprehensive AI training course to international participants wanting to gain valuable knowledge and practical skills. LIC's AI technician service has been around for more than 50 years and consistently achieves high conception rates. This course is taught by LIC's experienced trainers in modern facilities.

Course details:

Located in New Zealand

- Taught over six days
- Minimum of 100 inseminations at 90% correct placement on live animals in compliance with NZ animal ethics standards
- Use of LIC's life-like artificial training cow, Henryetta™
- Maximum of eight participants per course
- Courses run in late February / early March
- Those who pass are awarded a certificate from LIC

DIY AI Refresher or Introduction Course

LIC's AI refresher training is an interactive and hands-on course aimed at optimising the skills of DIY inseminators.

Course details:

- Uses LIC's life-like artificial training cow, Henryetta™
- Half day course
- Includes semen handling, liquid nitrogen safety and bovine anatomy
- Small groups of three to four participants
- Free samples and information packs to take away
- Lunch provided
- Dates and venues to be confirmed

For more information or to book contact our office on 1800 454 694 or admin@licaus.com.au

Breeding Worth Explained

National Breeding Objective

The New Zealand dairy industry has a National Breeding Objective - 'to breed dairy cows that efficiently convert feed into profit'. To achieve this, ten key traits that contribute to the goal have been identified and included in a balanced breeding index.

The index is called Breeding Worth (gBW) and the unit of measurement is NZ$.

It uses genetic merit breeding values (gBV) and updated economic values (EV).

As a balanced index, it combines four production traits and six robustness traits.

Other traits are measured, some of which contribute to gBW as underlying predictor traits.

gBW ranks bulls and cows according to the profit their offspring are expected to generate relative to a genetic reference point, the 'Base Cow', which is set at zero.

gBW is calculated by summing the contribution to profit across the ten economically important traits. For each contributing trait the breeding value is multiplied by the economic value of that trait.

Breeding Worth (gBW) = Breeding Value (gBV) X Economic Value (EV).

Breeding Values (gBV) are an estimate of a cow or bull's genetic merit for a trait. gBVs are updated at least monthly as performance information of the animal and its relatives flows in.

Economic Values (EV) represent the economic value of a trait to a dairy farmer and are usually updated annually. They are calculated using economic models accounting for revenue and costs on-farm. Because milk price fluctuates from year to year, a rolling average of historic and current milk price values are used in the calculation.

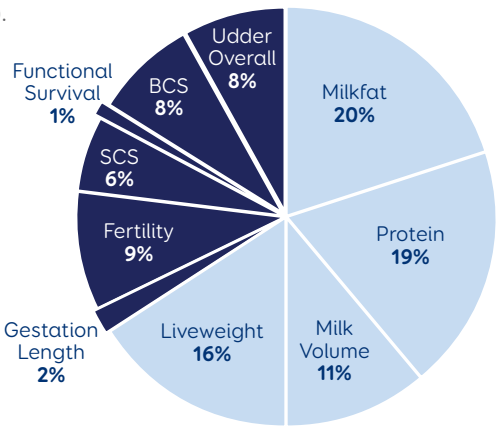
The resulting profit index is reported in relation to the animal, with **half** its value passed on to offspring. *For example; on average, the offspring of a bull with gBW $400 and cow with gBW $200 are expected to make $300 more profit per annum than offspring of the Base Cow would.*

EVs determine the relative weighting of each trait within the index - as EVs are updated each year, trait weightings in the index will adjust slightly.

Breeding Worth Traits

The ten traits and their weightings that are included in Breeding Worth are as follows:

Effective emphasis on individual traits within gBW



Milkfat, Protein, Milk Volume and Liveweight are categorised as **Production Efficiency** traits. Fat, protein and volume estimate production, while liveweight accounts for the efficiency of feed partitioning between body maintenance and production. Production efficiency traits are moderately heritable, and important when measuring cow productivity.

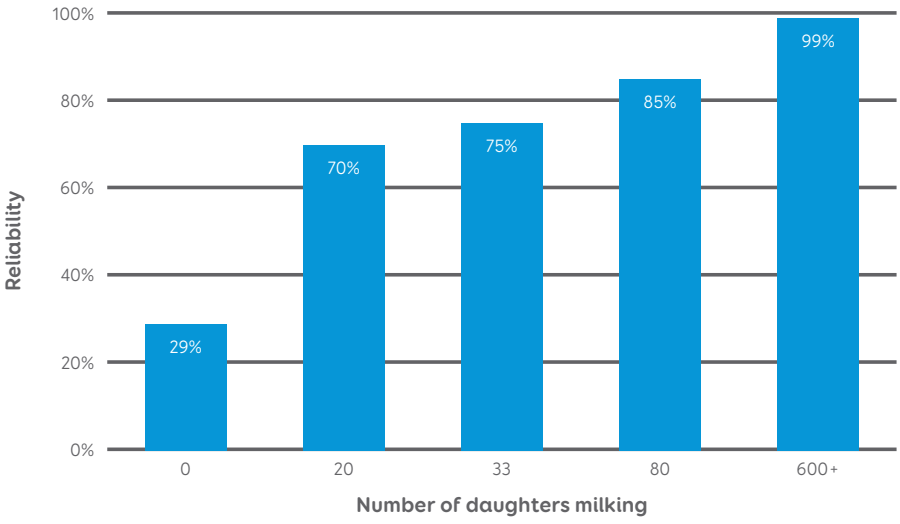
Gestation Length, Fertility, Somatic Cell Score (SCS), Functional Survival (FS), Body Condition Score (BCS) and Udder Overall (UO) are referred to as **Robustness** traits. These traits have moderate to low heritability, except for Gestation Length which is highly heritable. Robustness traits are important for cow health and survival in the herd.

Animal efficiency is increasing, as evidenced by the national rise in average per cow production while average liveweight has remained relatively static. Researchers estimate that about 40% of the production efficiency gain is due to genetic improvement.

Breeding Worth Reliability

An important indication of the accuracy of a gBW prediction is the **Reliability** figure. Reliability indicates the confidence that an animal's gBW (or individual breeding values) are a measure of their true merit. The higher the reliability, the less likely the gBW will change with the addition of more information. Reliability is reported on a scale of 0 to 100%. It increases with the amount of information.

Information sources and gBW estimation reliabilities - no information (0%), ancestry information (20-30%), genomic information (40-60%) and daughter proof information (70-99%). Proven bulls generally have higher reliability figures than cows, simply because they have many more daughters milking.



Expected maximum shift in gBW (+/-)	100	71	59	46	12

Dairy NZ 2023, https://www.dairynz.co.nz/animal/breeding-decisions/breeding-worth/

Understanding New Zealand Bull Data

Across all Breed Evaluation

The bull data in this catalogue is displayed across all breeds; this is in line with how New Zealand Animal Evaluation Limited (NZAEL) and LIC rank New Zealand dairy animals.

Because many LIC customers here in Australia and around the world select genetics from multiple breeds for optimal herd performance, it is important for farmers to understand how an animal should perform within the whole herd, not just within one breed of the herd.

LIC believe that an across all breed evaluation is the best tool to help you make breeding choices geared toward making your herd the most profitable it can be.

Base Cow

The New Zealand Base Cow is the genetic reference point from which Breeding Worth (gBW) and Breeding Values (gBV) are measured for all New Zealand dairy cattle.

All of the bull information in this catalogue is recorded relative to the 2005 Base Cow - the average of 21,585 cows born in the year 2005 - whose production and TOP (traits other than production) data has been set to zero. Each cow has been TOP inspected and milk recorded at least four times to deliver an accurate result.

Base Cow Production

Production is reported on their 270-day lactation yields relative to 5T Dry Matter:

Fat kg	218	Volume (litres)	4595
Protein kg	174	Liveweight (kg)	500

Traits Other than Production

Assessing the Animal

Traits Other than Production (TOP) refer to the behaviour, temperament and physical attributes of a cow and are scored separately on a scale from one to nine. The four farmer-scored and 13 inspector-scored TOP traits are considered most important in relation to the overall requirements of dairy farmers. TOP records from two year-old animals are used for sire evaluations.

1	2	3	4	5	6	7	8	9
			⟵ Low score	Average	High score ⟶			

Data Processing

The raw data is then sent through to the New Zealand Animal Evaluation unit where within herd, region and national comparisons are analysed and processed. This information is then fed into the national data base as breeding values for sires.

The average raw TOP scores of the 2005 base cow are as follows:

FARMER SCORED MANAGEMENT TRAITS Sire Proving farmers score two-year-old heifers on the four farmer traits	Low Score	High Score	Base Cow Average
Adaptability to Milking - describes how soon the heifer settled into the milking routine after calving	slowly	quickly	6.12
Shed Temperament - describes the temperament of the heifer in the farm dairy while being handled and milked	nervous	placid	6.28
Milking Speed - describes the milking speed of the heifer	slow	fast	6.33
Overall Opinion - describes the farmer's overall acceptance of the heifer as a herd member	undesirable	desirable	6.57
INSPECTOR SCORED CONFORMATION TRAITS			
Stature - describes the height at the shoulders of the heifer in five centimetre bands	small	tall	5.75
Capacity - describes depth and width of chest and body in relation to the physical size of the heifer	frail	capacious	6.34
Rump Angle - describes the angle of a line between the centre of the hips and the top of the pins	high pins	sloping	4.79
Rump Width - describes the distance between the pins bones, relative to size of the animal	narrow	wide	6.17
Legs - describes the straightness or curvature of the back legs while the heifer is walking	straight	curved	6.18
Udder Support - describes the strength of the suspensory ligament, and the udder depth relative to the hocks	weak	strong	6.02
Front Udder - describes the attachment of the front udder to the body wall	loose	strong	5.70
Rear Udder - describes the height and width of the rear udder attachment	low	high	5.76
Front Teat Placement - describes the placement of the front teats relative to the centre of the quarters	wide	close	4.53
Rear Teat Placement - describes the placement of the rear teats relative to the centre of the quarters	wide	close	5.84
Teat Length - describes the length of the rear teats from the udder to the tip of the teat	short	long	4.10*
Udder Overall - assesses the desirability of all traits pertaining to the udder	undesirable	desirable	5.71
Dairy Conformation - assesses the desirability of all traits pertaining to dairy conformation, but excluding udder traits	undesirable	desirable	6.45

*Teat length was first scored in 2018 so there is no phenotypic average for the Base cow, this average is calculated from raw scores, from daughters of bulls that have a gBV of 0

How to Read a Sire Page

Easier calving sire for heifer matings based on NZ data.

gBW/Rel

Using this bull at a gBW of 549 indicates that per 5T DM the replacements are expected to generate NZD 549 more net profit than using a sire with a gBW of 0.

The reliability of a sire is a measure of the amount of information behind the bull's gBW. The higher the reliability, the less movement is expected with his gBW.

Milk Volume

A gBV of 43 litres indicates the bull daughters will on average produce 22 litres more than the base cow per 5T of dry matter consumed. Remember the gBV is across breeds so Jersey and Crossbred animals may show a negative gBV.

Protein

A gBV of 22 kg indicates that the bull will produce daughters which on average, are genetically superior to the base cow by 11 kg per 5T dry matter consumed.

Somatic Cell Count

A useful approximation for farmers to note, is that a difference between two sires of 0.5 in breeding value equates to a difference in expected daughter performance of 37,500 bulk milk count. The lower the SCC gBV the better as you want to reduce the bulk milk SCC.

Shed Temperament

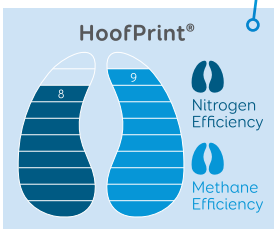
A gBV of 0.00 indicates that the bull will produce daughters which on average, are genetically the same as the base cow (for example by using a bull with a shed temperament of 0.99 the raw score for his daughters on average is expected to be 6.28 + 0.50 = 6.78 from a linear score of 9).

Stature

Again, as the gBV for a sire is comparing his progeny against the base cow which is across all breeds, stature for Jerseys is usually negative and Holstein Friesians is usually positive.

521060 STONY CREEK NEPTUNE-ET

gBW $549 / 92% REL



Breeding Details	
NASIS	NZGNEPTUNE
Breed	J10 F6
Pedigree	PREMONITION x TERRIFIC

NEW ZEALAND DETAILS — Daughter Proven

NZ Breeding Values			254 Daughters
Milk Volume (litres)	43	Fertility %	5.2
Fat kg	64	Body Condition Score	0.09
Fat %	6.1	Functional Survival %	3.4
Protein kg	22	Cow CD/REL	-1.2/99
Protein %	4.2	Heifer CD/REL	-4.0/96
SCC	0.17	Gestation Length (days)	-6.1
Liveweight	15	Beta-Casein	A2/A2

NZ Evaluation Data	Traits other than production	gBV -0.5	0	0.5	1.0
Management					
Adaptability to Milking	0.97				
Shed Temperament	0.99				
Milking Speed	0.46				
Overall Opinion	0.96				
Conformation (118 daughters TOP tested)					
Stature	-0.33				
Capacity	0.51				
Rump Angle	-0.14				
Rump Width	-0.20				
Legs	0.19				
Udder Support	1.05				
Front Udder	1.14				
Rear Udder	0.95				
Front Teat Placement	0.45				
Rear Teat Placement	1.08				
Teat Length	-0.48				
Udder Overall	1.12				
Dairy Conformation	0.48				

21/02/2025

Australian Indices		Source: DataGene 03 Dec 2024	
BPI/REL %	319/50	Survival	103
ASI	287	Daughter Fertility	100
HWI	194	Calving Ease	0
Milk	345	Overall Type	98
Fat kg	62	Protein kg	28

HoofPrint®

Environmental measure. More info on pg 8.

Fertility

A gBV of 5.2% indicates that 2.6% more daughters are expected to calve in the first 42 days of a herds calving period, compared to a bull of 0.

As an industry New Zealand has a tighter calving pattern and shorter calving interval than dairy industries worldwide, with a calving interval of 369 days and 6 week calving pattern of 84%.

Highly fertile cows have been necessary to achieve this. It is generally accepted that the New Zealand base cow is far more fertile than any other country's genetic base.

Functional Survival

A gBV that predicts the average probability of survival from one lactation to the next, compared to a gBV 0. It is reported as a percentage. The progeny of a bull of gBV 3.4 should have 1.7% more daughters survive to the next lactation than a bull of gBV 0. The average number of lactations/cow in New Zealand is 5.

Calving Difficulty

Heifer & Cow CD gBVs estimate the expected percentage of assisted calvings when a bull is mated to yearling heifers and cows respectively, compared to a bull of gBV 0.

Liveweight

A gBV of 15 kg indicates by using this sire over the average cow in New Zealand his daughters are expected to have a mature liveweight 7.5 kg heavier than the base cow of 500 kg.

Because Breeding Values (gBV) are calculated across all breeds you would expect a Holstein Friesian to have a much higher (positive) gBV for liveweight and you would expect Jerseys to have a lower (negative) gBV.

gBW/gBV are calculated by LIC.

What is HoofPrint®?

LIC has developed the HoofPrint® index to give you, the farmer, an indication of the predicted environmental footprint of the various genetic products.

Enteric methane emissions and urinary nitrogen excretion from dairy cows are two of the major contributors to the environmental impact of dairy production in New Zealand. It is extremely difficult and expensive to measure and assess actual emissions and excretion from dairy cows in a pasture based system. Therefore, a modelling methodology has been used to quantify the expected emissions and excretion.

How does the model work?

The modelling uses six individual Breeding Values for each animal. These gBVs are used to calculate the expected levels of production, calving events, and removal. These gBVs are:

1. Liveweight
2. Milk Volume
3. Milkfat
4. Protein
5. Fertility
6. Functional Survival

Calculations for energy requirements, partitioning and emissions were based on the 'Methodology for calculation of New Zealand's agricultural greenhouse gas emissions'.

An understanding of an animal's energy requirements was used to estimate dry matter intake from which emissions and excretion are calculated. In the inventory, energy requirements refers to the amount of energy that is needed for an animal to survive (maintenance) and produce animal products such as milk, meat, and conceptus (pregnancy). The inventory model currently assumes that dairy cattle consume only pasture to satisfy their energy requirements, and no supplementary feed is used.

Reference Base population 2025

The HoofPrint® index ranking system has only been applied to dairy breeding bulls and therefore the base population too is only made up of dairy bulls. To ensure the values reflect the current genetic merit of the breeding animals available we have chosen to use a reference population of breeding bulls registered with NZAEL for AB service as of 1st February 2025, born since 1st January 2014 to 31st December 2023, excluding any beef and short gestation length dairy bulls. For 2023 this has created a reference population of 4208 bulls which are then rated based on their emission and excretion values per kilogram of milksolid.

Ranking system

The ranking system is from 1 to 10 with 1 being the lowest ranking (highest environmental impact per kg product) and 10 being the highest (lowest environmental impact per kg product). To ensure only the very best bulls are able to achieve a 10 point rating only 2% of bulls in this elite reference population can be awarded a 10 point rating at any point in time. The distribution of ratings for the bulls in the elite reference population can be seen below. The distribution is symmetrical so 50% of the bulls will be ranked 6-10 points and 50% 1-5 points.

HoofPrint®

Methane Efficiency

Nitrogen Efficiency

10	Top 2 %
9	Top 7.5 %
8	Top 17.5 %
7	Top 32 %
6	Top 50 %
5	Bottom 50 %
4	Bottom 32 %
3	Bottom 17.5 %
2	Bottom 7.5 %
1	Bottom 2 %

In the example, this bull ranked at 7 for both Methane Efficiency and Nitrogen Efficiency. It is in the top 32% of bulls born since 1st January 2014.

Sexed Semen

LIC offers Ultraplus™ sexed semen across a selection of our top bulls. With greater than 90% bias to female offspring, targeted use of LIC sexed semen allows farmers to boost rates of genetic gain in their milking herd while simultaneously creating more opportunities with surplus stock. LIC recommends generating AI replacement heifers from the highest genetic merit animals while mating the lower end to other AI options, such as LIC short gestation Hereford, to maximise herd improvement and profits on farm.

Considerations for using Sexed Semen

When using sexed semen, it is important to keep some wider considerations in mind to optimise the outcome on farm. New Zealand and Irish trials showed sexed semen averaged lower conception rates compared to conventional semen. This can influence calving pattern, which is a key driver of herd profitability, especially in block calving systems. Trial information is available on request.

A planned approach can be implemented on farm to maximise the benefit of using sexed semen, including:

- mate yearling heifers to sexed semen, as they have higher conception rates than in-milk cows. Choose bulls suitable for yearling mating and pregnancy scan early to identify those in-calf to AI bulls
- mate heifers 10 days ahead of the main herd
- use strict cow selection criteria for sexed semen matings. For example, young, high genetic merit, healthy, early-calved and cycling cows
- mate selected cows ahead of the herd's mating start date, or move the mating start date of the herd forward a day or two if the impact suggests it is necessary
- ensure underlying herd fertility performance is at a high level before considering the use of sexed semen and that AI best practice is followed
- be certain the cow is on full standing heat. If you're unsure use a conventional straw
- have plenty of stock bulls on hand to cover returning cows. For example, two teams of one bull to 30 non-pregnant cows if using a two-year-old bull, plus spares
- closely follow ST Genetics handling and insemination instructions for Ultraplus™ sexed semen which can be found at licnz.com.au/products-services/sexed-semen

Contact your local District Manager for more information. They can work with you to estimate the potential impact of using sexed semen on your herd and create a variety of mating plan options to help achieve your goals.

Variable Milking Selection Index (VMSI)

Variable milking regimes are gaining popularity as an efficient way of managing seasonal conditions and resources with benefits in reduction of farm working expenses and improved animal health. Variable milking regimes covers everything from VMSI (OAD) to 16 hours and 10 in 7.

Variable milking regimes may be used exclusively as the overall farming system, or strategically for part of the herd or for shorter periods during the season.

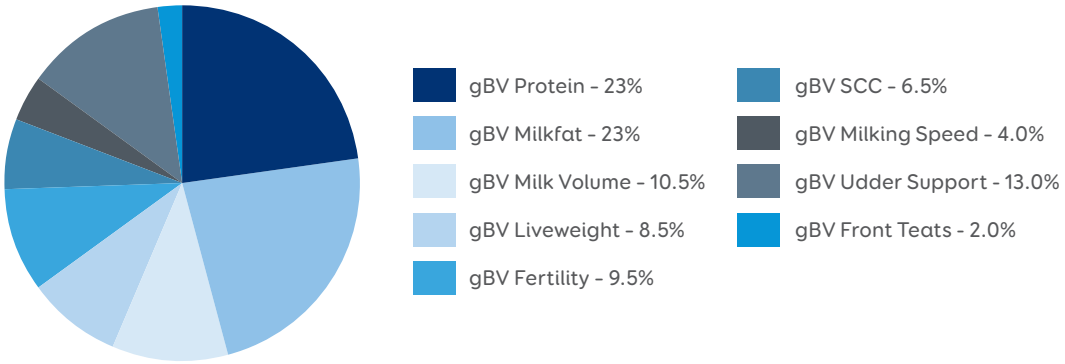
LIC's Variable Milking Selection Index (VMSI) has been developed to help farmers breed animals most suited to their system.

Our goal is to support variable milking regime farmers in breeding cows that persist throughout the lactation and have longevity in the herd. The index has a strong correlation to Breeding Worth (gBW) but also combines the non-negotiable functional traits required for variable milking.

It reflects what farmers have told us is required in a desirable cow and takes into account traits like udder support, front teat placement, and milking speed.

What makes up LIC's VMSI?

The graph shows the weighting of the traits within the VMSI, in addition to the existing eight traits of gBW.



How do I interpret the Variable Milking Selection Index?

The VMSI allows animals to be compared based on their suitability for variable milking regimes. The index increases based on the animal's suitability.

Unlike gBW & PW, the VMSI does not represent an economic value of the animal's productive performance or ability to breed profitable replacements

NZ AB Code	Bull Name	VMSI	gBW/Rel	Milk Volume (litres)	Fat kg	Protein kg	Somatic Cell Score	Fertility %	Heifer Calving Difficulty (HCD)/Rel	Cow Calving Difficulty (CCD)/Rel	Capacity	Udder Overall	Page Number
Holstein Friesian													
121005	PEMBERTON GG **PROPANE** S1F *	1689	641/88	961	79	54	0.12	3.2	9.7/36	2.6/98	0.14	0.40	19
123058	WITTENHAM JACKPOT **AEGON**-ET S2F	1644	650/56	655	69	41	-0.39	11.6	5.6/47	0.3/87	0.64	0.45	17
123087	BUSYBROOK S **SMOKIN GUN**-ET S1F	1642	527/57	478	57	42	-0.38	3.5	7.7/22	3.0/78	-0.10	1.04	17
120003	SCOTTS BV **DARIUS**-ET *	1635	554/89	1317	78	54	-0.15	1.3	8.7/40	-0.2/86	0.69	0.42	23
122056	MAH FINN **SAGE**-ET S1F	1602	569/57	335	67	36	0.21	2.2	7.5/70	1.5/95	0.27	0.50	17
Jersey													
324018	BENWORTH TM **GRIFFINPOLL**-P JC15	1614	631/56	128	54	37	-0.45	2.8	-5.6/27	-2.1/32	0.69	0.61	36
320029	ROCKLAND LQ **BERKLY** *	1610	596/97	-223	58	25	-0.10	4.2	-8.3/89	-1.3/98	0.35	0.84	37
321053	GREENMILE LQ **TAKAHE**	1544	560/88	-139	55	22	0.26	4.4	-8.8/62	-1.7/97	0.38	0.83	35
318001	OKURA PEPPER **LUCCA**	1494	532/91	-27	57	19	-0.24	0.6	-8.4/93	-2.2/99	0.65	0.46	38
319030	GRANTZ BC **HENDRIX** ET S3J *	1463	497/91	79	43	25	0.24	10.5	-8.1/91	-1.6/99	0.09	0.47	40
KiwiCross®													
524024	TONGATAHA **TRAILBLAZER**	1719	616/48	15	54	40	0.02	4.1	-3.2/25	0.1/32	0.73	1.66	45
523092	PLATEAU **DEMBE**	1705	599/56	465	65	40	-0.15	3.2	2.0/36	2.3/89	0.56	1.24	45
524059	PLATEAU **GRAYSON**-ET	1694	594/55	465	66	42	0.54	9.8	0.4/30	0.6/37	0.66	1.12	45
521005	PAYNES **SUBLIME**-ET	1693	627/87	611	65	50	0.16	3.4	-0.6/90	0.2/99	0.24	0.98	49
521072	BALDRICKS **SPECTACULAR** *	1677	587/88	505	63	39	0.22	3.6	3.0/85	1.1/98	0.54	1.24	47

* Sexed semen is offered for Single AI use only. See page 9 for more information.

21/02/2025

More Milk, More Profit

Boost your milk yield and financial returns with our SGL sires.

Using SGL Compact™ sires you can reduce gestation length by up to 12 days.

A cost-effective and convenient alternative to traditional natural mating bulls.

Here's what mating your return cows with SGL sires could mean for your farm:

More revenue through increased days in milk

Example:	12 days
	x 1.87 kgMS/day
	x $8.50 forecast payout
	$190.00 extra per animal

Tighten next season's calving spread

A longer recovery time can:

- Reduce interventions
- Improve AB conception rates
- Lower empty rates
- Improve body condition

Alternative to natural mating bulls

- Save costs
- Protect livestock and property
- Reduce bio security risks
- Improve health and safety
- Reduce bull fertility and fatigue risks

For more details please visit our website: **licnz.com.au/about/terms-conditions/**

NOTE: SGL Compact™ Offspring must not be bred.

SGL plus gBW

With a team of bulls selectively bred to shorten gestation length, the SGL product can help you to shorten your calving period, increase days in milk, and give your cows longer to recover improving their chances of getting back in calf. SGL plus gBW combines genetics for a shorter gestation with sound genetic merit, so farmers can keep heifer calves as replacements. These SGL sires have been tested to ensure their traits are passed on to their offspring, with the purpose of improving the overall efficiency of your herd.

SGL plus gBW Team

NZ AB Code	Bull Name	Gestation Length (days)	gBW/Rel	Protein kg	Fat kg	Milk Volume (litres)	Fertility %	Cow Calving Difficulty (CCD)/Rel	Somatic Cell Score	Capacity	Udder Overall	Page Number
Holstein Friesian												
121083	MAIRE TS **JAGER**-ET S1F	-8.9	504/90	49	61	1130	1.4	0.7/99	-0.15	0.44	0.34	18
120015	ASHDALE GE **HIGHRISE** S2F	-8.3	358/89	32	57	672	-5.3	1.6/98	-0.61	0.96	0.24	15
119035	TAFTS RHR **ORDAIN** S3F *	-6.7	429/98	45	54	1342	2.4	0.1/99	-0.63	0.64	0.31	22
122058	TELESIS FLEX **THEODORE** S1F	-6.2	510/57	35	60	854	8.7	-0.8/99	0.07	0.46	0.33	17
Jersey												
312057	BELLS CM **CONRAD** S2J	-4.9	365/99	15	26	-21	12.7	-2.0/100	0.40	0.39	0.19	41
315008	PUKEROA AND **BARATONE** ET	-3.1	440/99	11	31	-461	1.0	-1.5/100	0.13	0.45	0.30	33
KiwiCross®												
519089	SCHRADERS **TRADER**	-8.8	482/92	49	62	1266	0.6	-1.0/99	0.44	1.09	0.06	53
518017	HORIZON **BARNSTORMER**-ET	-7.1	320/99	32	40	628	1.3	0.3/99	0.00	0.92	0.13	43
520058	PAYNES **PASSENGER**-ET	-6.7	356/89	37	22	875	10.7	-0.7/74	-0.28	0.28	1.17	52
523004	PAYNES **SORCERER**-ET	-6.5	661/59	37	56	373	5.8	-1.6/80	-0.18	0.39	0.42	45

* Sexed semen is offered for Single AI use only. See page 9 for more information.

21/02/2025

Beef Options

SGL Angus Beef

Rissington Cattle Company's Angus semen is selected for known traits that can make a real difference in cow herd profitability. All animals are recorded on Breedplan and Leachman multibreed database of over one million animals.

SGL Hereford

Supplied exclusively from the South Island, New Zealand stud Shrimpton's Hill Herefords are the trait leaders for short gestation length across Australasia.

Charolais Beef

All LIC Charolais are homozygous polled and are a great marking option. The breed adds muscle and conformation to a dairy beef carcass and are a commonly used terminal sire in commercial beef operations.

Speckle Park

Speckle Park are polled, medium framed (mature cow 650-800kg and mature bull 1000-1200 kg) animals. They mature early and have an incredible yielding carcass.

Price per straw +GST	
1-100	100+
$14.00	$12.00

RISSINGTON CATTLE COMPANY

SHRIMPTON'S HILL HEREFORDS SHORT GESTATION SPECIALISTS

2025

Holstein Friesian

For updated bull information after each AE run, scan the QR code

All Bulls

Page Number	NZ AB Code	Bull Name	Price Retail (+GST)	Breed Split	Beta Casein	gBW/Rel	Milk Volume (litres)	Fat kg	Protein kg	Somatic Cell Score	Fertility %	Functional Survival	Heifer Calving Difficulty/Rel	Cow Calving Difficulty/Rel	Gestation Length (days)	Liveweight	Overall Opinion	Stature	Capacity	Udder Overall	Dairy onformation	VMSI
Fast Forward Team™																						
17	123058	WITTENHAM JACKPOT **AEGON**-ET S2F	$27	F16	A1/A2	650/56	655	69	41	-0.39	11.6	8.1	5.6/47	0.3/87	0.2	67	0.55	0.71	0.64	0.45	0.55	1644
17	124030	WAITARIA MG **KINGTIDE**-ET S1F	$27	F16	A2/A2	573/47	397	53	34	0.07	10.8	4.3	8.0/25	1.1/38	-3.1	29	0.27	0.33	0.50	0.71	0.40	1561
17	122056	MAH FINN **SAGE**-ET S1F	$27	F16	A2/A2	569/57	335	67	36	0.21	2.2	3.2	7.5/70	1.5/95	-4.2	31	0.52	0.20	0.27	0.50	0.41	1602
17	124048	MEANDER SS **ALCHEMIST**-ET S2F	$27	F16	A1/A2	541/47	743	62	44	-0.50	3.1	2.5	7.5/26	1.3/34	-4.2	71	0.47	0.76	0.63	0.54	0.60	1598
17	123087	BUSYBROOK S **SMOKIN GUN**-ET S1F	$27	F16	A2/A2	527/57	478	57	42	-0.38	3.5	3.0	7.7/22	3.0/78	-1.7	55	0.23	1.01	-0.10	1.04	0.26	1642
17	123005	PAYNES MJ **PROTECTIVE**-ET S2F	$27	F16	A2/A2	523/56	1411	53	55	0.10	8.1	4.7	7.2/23	1.8/80	-1.8	56	0.49	0.52	0.30	0.40	0.33	1561
17	122058	TELESIS FLEX **THEODORE** S1F	$27	F16	A2/A2	510/57	854	60	35	0.07	8.7	3.7	9.2/90	-0.8/99	-6.2	50	0.29	0.39	0.46	0.33	0.54	1521
17	124004	PAYNES MON **INVINCIPOLL**-P S2F	$27	F15 J1	A2/A2	477/47	802	49	39	0.24	6.6	5.9	3.9/31	0.1/35	-2.1	36	0.48	0.88	0.19	1.13	0.37	1580
17	122013	DICKSONS AR **MONOPOLL**-ET-P S2F	$27	F16	A2/A2	469/59	292	39	32	0.34	8.3	3.8	5.9/88	-0.3/99	-3.6	6	0.45	0.30	0.23	0.63	0.33	1495
17	123066	MEANDER BROKER **ALLEGRO**-ET S1F	$27	F16	A2/A2	426/56	322	40	32	0.07	2.9	2.1	8.1/33	2.9/84	-1.0	2	0.28	0.49	0.11	1.13	0.27	1505
Holstein Friesian																						
19	121005	PEMBERTON GG **PROPANE** S1F *	$25	F16	A1/A2	641/88	961	79	54	0.12	3.2	4.6	9.7/98	2.6/98	-3.7	72	0.45	0.69	0.14	0.40	0.29	1689
23	120003	SCOTTS BV **DARIUS**-ET *	$23	F16	A1/A2	554/89	1317	78	54	-0.15	1.3	2.2	8.8/86	-0.2/86	-1.5	103	0.80	1.13	0.69	0.42	0.77	1635
20	121035	BALANTIS TR **TRICK**-ET S1F *	$25	F15 J1	A1/A2	553/89	598	49	45	-0.14	6.8	2.8	11.0/98	0.3/98	-0.7	47	0.50	0.21	1.01	0.59	0.84	1577
25	120073	MEANDER TS **ALLOY**-ET S1F *	$23	F16	A1/A2	520/96	520	69	36	-0.21	4.2	2.5	5.2/99	-0.7/99	-6.0	77	0.44	0.55	-0.13	0.22	-0.12	1552
21	121040	SPRING RIVER GG **SPYRO** S1F	$25	F16	A2/A2	515/89	383	57	34	-0.36	6.4	5.6	10.4/98	3.2/98	-2.8	68	0.37	1.07	-0.08	0.95	0.17	1596
18	121083	MAIRE TS **JAGER**-ET S1F	$25	F16	A1/A2	504/90	1130	61	49	-0.15	1.4	3.3	6.0/99	0.7/99	-8.9	68	0.48	0.98	0.44	0.34	0.52	1546
22	119002	BELLAMYS DM **GALANT**-ET S1F *	$23	F16	A2/A2	489/98	258	54	33	-0.41	5.1	5.1	9.7/100	0.3/100	-0.4	59	0.35	0.76	0.78	0.36	0.84	1521
22	119035	TAFTS RHR **ORDAIN** S3F *	$25	F16	A2/A2	429/98	1342	54	45	-0.63	2.4	3.9	2.3/99	0.1/99	-6.7	68	0.24	0.65	0.64	0.31	0.52	1490
27	120070	MEANDER TD **AERO**-ET S1F	$23	F15 J1	A2/A2	426/98	766	49	40	-0.09	2.0	5.3	3.4/99	1.2/99	-3.3	59	0.42	0.60	0.16	0.55	0.25	1500
25	119034	TAFTS RHD **OFFICER**-ET S2F *	$23	F16	A2/A2	421/98	1414	49	58	0.30	3.9	3.7	7.2/99	2.0/99	-2.0	123	0.51	1.28	0.69	1.03	0.82	1520
26	120065	CAVALIER SS **RIVAL**-ET S2F *	$23	F16	A2/A2	419/97	890	37	40	-0.27	6.9	4.6	3.0/94	1.1/94	-4.3	39	0.71	0.34	0.40	0.74	0.22	1496
23	117068	MEANDER SB **ARROW**-ET S2F	$21	F15 J1	A1/A2	411/99	431	42	34	0.51	4.4	3.0	5.2/100	-0.6/100	-5.1	35	0.51	0.32	0.34	0.73	0.44	1463
29	119041	ROYSON MG **CURRENCY** S3F *	$19	F16	A2/A2	393/93	1705	42	62	-0.21	-1.5	0.4	6.9/100	1.9/100	-0.7	93	0.52	1.56	0.42	1.02	0.58	1509
24	119014	BUELIN BM **EQUATOR** S2F *	$21	F15 J1	A1/A2	380/99	764	57	27	0.05	5.3	2.8	5.0/99	1.4/99	-5.9	57	0.70	0.72	0.38	0.26	0.45	1442
24	117044	TELESIS GI **ESQUIRE** S2F *	$21	F16	A2/A2	370/98	787	25	35	0.04	7.9	4.5	9.5/98	0.3/98	-1.8	19	0.38	0.04	0.40	0.44	0.35	1376
26	118061	HALLVILLE AS **COLA** S2F *	$21	F16	A2/A2	352/90	860	23	37	0.16	9.1	3.6	-1.0/96	-0.2/96	-5.3	37	0.04	0.27	0.18	0.74	0.28	1382
30	116019	WERDERS DE **OVERTIME** S1F	$17	F16	A2/A2	350/99	236	38	28	0.79	-1.5	2.9	10.1/100	1.6/100	-5.9	2	0.34	-0.27	0.13	0.54	0.19	1395
31	120063	MATTAJUDE VR **BRUTE**-ET S1F	$17	F16	A2/A2	339/97	884	40	43	-0.04	-1.5	3.5	10.3/97	2.9/97	-3.2	78	0.29	0.50	0.53	0.48	0.36	1424
28	117019	MCKENZIE GF **COMET** S3F	$19	F16	A2/A2	330/91	1145	41	50	-0.24	-2.6	-0.4	6.4/89	-0.2/89	-2.9	98	0.84	0.94	1.15	0.67	1.30	1424
28	114007	BUSY BROOK WTP **VECTOR** S3F *	$19	F16	A1/A1	327/99	958	39	38	-0.20	5.8	2.7	4.9/100	0.3/100	-0.7	117	0.68	0.77	0.98	0.56	0.94	1383
27	119012	FANANA BM **EXCELLENT** S2F *	$21	F16	A2/A2	297/92	358	33	17	-0.08	2.5	6.1	4.4/83	0.8/83	-1.9	23	0.45	0.36	0.39	1.29	0.37	1382
30	119008	POTO GR **CHOICE** S1F	$19	F15 J1	A2/A2	288/97	465	29	23	-0.49	2.9	2.6	7.4/95	1.6/95	-1.2	42	0.28	0.72	0.11	0.31	0.23	1314
29	117090	TRONNOCO MH **SAMBA**-ET S3F	$19	F16	A2/A2	286/98	1094	29	42	0.26	-1.6	1.6	12.0/99	2.2/99	-0.3	31	0.54	0.72	0.15	0.91	0.33	1374
31	118068	BAGWORTH GI **ORIGINAL** S3F	$17	F16	A1/A2	268/98	505	37	30	0.10	5.9	2.7	12.5/99	3.1/99	-2.1	93	0.40	1.26	0.16	0.31	0.36	1342
31	120010	COSTERS P **POLLJUMP**-PP S2F	$17	F16	A1/A1	250/72	506	28	23	-0.26	3.8	3.9	5.2/53	1.6/53	2.4	62	0.60	0.38	0.29	0.25	0.20	1263
30	118034	PAYNES TT **PASTIME**-ET S2F	$19	F16	A1/A2	202/92	487	15	19	0.07	5.3	2.5	4.8/89	0.5/89	-3.6	21	0.21	0.00	-0.07	0.72	-0.03	1242
30	113086	MAIRE IG **GAUNTLET**-ET	$19	F16	A2/A2	184/99	1374	27	45	0.05	-7.7	-3.0	11.3/100	4.3/100	1.2	86	0.78	0.82	1.00	0.91	0.93	1319
31	116060	ON-DER-REY MA **APPROVE** S2F	$17	F15 J1	A2/A2	183/97	789	6	33	-0.11	-1.2	2.6	6.4/95	-0.3/95	3.8	27	0.31	0.40	0.59	0.28	0.59	1211
Holstein Friesian also available																						
	117015	DICKSONS GF **GO-GETTER**-ET	$15	F16	A2/A2	426/97	1247	57	55	-0.21	-3.7	2.7	9.4/44	6.3/96	3.5	107	0.60	0.86	1.42	0.67	1.35	1544
	120015	ASHDALE GE **HIGHRISE** S2F	$15	F15 J1	A2/A2	358/89	672	57	32	-0.61	-5.3	0.6	7.4/86	1.6/98	-8.3	88	0.42	0.74	0.96	0.24	1.05	1409
	113120	BOTHWELL WT **MAXIMA** S2F	$15	F15 J1	A1/A2	331/99	562	34	25	-0.13	1.7	3.8	5.4/91	-0.2/100	-0.1	15	0.50	0.00	0.22	0.83	0.33	1393
	115054	MEANDER SB **WINGMAN**-ET S3F	$15	F16	A1/A2	331/98	656	35	29	-0.13	-1.5	2.5	4.5/68	-0.5/98	-2.9	-5	0.21	0.48	-0.04	1.21	0.09	1442
	114023	ARKAN RAN **BANDITO** S3F	$15	F15 J1	A1/A2	316/99	436	26	29	-0.21	1.1	1.5	5.0/95	1.0/99	-2.0	37	0.38	0.42	0.60	0.37	0.45	1338
	117088	SPRING RIVER OL **SCOUT** S2F	$15	F16	A2/A2	297/99	1275	37	40	0.24	2.9	3.5	8.5/75	1.1/99	3.7	51	0.57	0.64	0.46	0.61	0.33	1396
	116078	MEANDER SB **ALAMO** S2F	$15	F15 J1	A1/A2	291/98	922	29	43	0.24	4.3	2.2	9.4/93	0.9/98	1.4	75	0.39	1.18	0.79	0.13	0.89	1348
	115084	GREENWELL SB **FORAY**-ET S3F	$15	F16	A2/A2	287/98	1190	30	47	-0.19	-5.7	1.4	5.7/65	1.5/97	0.4	42	0.32	0.64	1.02	1.16	1.13	1433
	110080	MOURNE GROVE **HOTHOUSE** S2F	$15	F16	A2/A2	284/99	1086	23	40	0.03	3.7	4.7	6.8/96	1.5/100	-3.1	53	0.40	0.72	-0.18	0.79	-0.01	1350
	113117	GREENWELL SH **BOMBER** S1F	$15	F16	A1/A2	248/99	505	17	26	-0.26	4.3	3.8	3.8/65	1.5/99	1.6	26	0.14	0.44	0.11	0.84	0.15	1336
	112063	PADRUTTS GB **TOPNOTCH** S2F	$12	F15 J1	A1/A2	238/99	878	18	33	-0.03	0.0	2.6	5.0/98	0.1/100	2.0	19	0.59	0.32	0.50	0.29	0.49	1268
	113053	MITCHELLS WT **TYPHOON** S2F	$12	F15 J1	A1/A2	198/99	358	23	21	-0.39	-0.7	2.3	8.2/72	1.0/99	-1.5	51	0.41	0.88	0.51	0.49	0.53	1262
	113014	SPRING TRALEE **BOSS**-ET S3F	$12	F15 J1	A2/A2	191/99	697	7	28	-0.19	0.9	2.4	1.9/82	0.5/99	0.7	4	0.16	0.20	0.41	1.27	0.49	1297
	112049	KAIMORE HERO **EARNIE** S2F	$12	F15 J1	A1/A2	125/98	554	6	21	0.02	0.6	2.2	5.6/62	0.3/97	-0.4	44	0.32	0.26	0.48	0.74	0.43	1166

* Sexed semen is offered for Single AI use only. See page 9 for more information.

21/02/2025

Top 5 Performers

Breeding Worth

NZ Herd Average
NZ$214

NZ AB Code	Name	gBW/Rel%	Page
123058	WITTENHAM JACKPOT **AEGON**-ET S2F	650/56	17
121005	PEMBERTON GG **PROPANE** S1F *	641/88	19
124030	WAITARIA MG **KINGTIDE**-ET S1F	573/47	17
122056	MAH FINN **SAGE**-ET S1F	569/57	17
120003	SCOTTS BV **DARIUS**-ET *	554/89	23

BPI

NZ AB Code	Name	BPI/Rel%	Page
121005	PEMBERTON GG **PROPANE** S1F *	377/62	19
121040	SPRING RIVER GG **SPYRO** S1F	361/64	21
119002	BELLAMYS DM **GALANT**-ET S1F *	360/72	22
120073	MEANDER TS **ALLOY**-ET S1F *	350/71	25
120003	SCOTTS BV **DARIUS**-ET *	321/69	23

Protein

NZ Herd Average
33 kg/3.8%

NZ AB Code	Name	Protein (kg/%)	Page
119041	ROYSON MG **CURRENCY** S3F *	62/3.8	29
119034	TAFTS RHD **OFFICER**-ET S2F *	58/3.9	25
117015	DICKSONS GF **GO-GETTER**-ET	55/3.9	14
123005	PAYNES MJ **PROTECTIVE**-ET S2F	55/3.8	17
121005	PEMBERTON GG **PROPANE** S1F *	54/4.1	19

Fat

NZ Herd Average
29 kg/4.5%

NZ AB Code	Name	Fat (kg/%)	Page
121005	PEMBERTON GG **PROPANE** S1F *	79/5.4	19
120003	SCOTTS BV **DARIUS**-ET *	78/5.0	23
120073	MEANDER TS **ALLOY**-ET S1F *	69/5.6	25
123058	WITTENHAM JACKPOT **AEGON**-ET S2F	69/5.5	17
122056	MAH FINN **SAGE**-ET S1F	67/5.8	17

Fertility

NZ Herd Average
-2.5%

NZ AB Code	Name	Fertility (%)	Page
123058	WITTENHAM JACKPOT **AEGON**-ET S2F	11.6	17
124030	WAITARIA MG **KINGTIDE**-ET S1F	10.8	17
118061	HALLVILLE AS **COLA** S2F *	9.1	26
122058	TELESIS FLEX **THEODORE** S1F	8.7	17
122013	DICKSONS AR **MONOPOLL**-ET-P S2F	8.3	17

Milk Volume

NZ Herd Average
901 litres

NZ AB Code	Name	Volume (l)	Page
119041	ROYSON MG **CURRENCY** S3F *	1705	29
119034	TAFTS RHD **OFFICER**-ET S2F *	1414	25
123005	PAYNES MJ **PROTECTIVE**-ET S2F	1411	17
113086	MAIRE IG **GAUNTLET**-ET	1374	30
119035	TAFTS RHR **ORDAIN** S3F *	1342	22

SCC

NZ Herd Average
-0.02

NZ AB Code	Name	SCC	Page
119035	TAFTS RHR **ORDAIN** S3F *	-0.63	22
120015	ASHDALE GE **HIGHRISE** S2F	-0.61	14
124048	MEANDER SS **ALCHEMIST**-ET S2F	-0.50	17
119008	POTO GR **CHOICE** S1F	-0.49	30
119002	BELLAMYS DM **GALANT**-ET S1F *	-0.41	22

Capacity

NZ Herd Average
0.21

NZ AB Code	Name	Capacity	Page
117015	DICKSONS GF **GO-GETTER**-ET	1.42	14
117019	MCKENZIE GF **COMET** S3F	1.15	28
115084	GREENWELL SB **FORAY**-ET S3F	1.02	14
121035	BALANTIS TR **TRICK**-ET S1F *	1.01	20
113086	MAIRE IG **GAUNTLET**-ET	1.00	30

Udder Overall

NZ Herd Average
0.60

NZ AB Code	Name	Udder Overall	Page
119012	FANANA BM **EXCELLENT** S2F *	1.29	27
113014	SPRING TRALEE **BOSS**-ET S3F	1.27	14
115054	MEANDER SB **WINGMAN**-ET S3F	1.21	14
115084	GREENWELL SB **FORAY**-ET S3F	1.16	14
124004	PAYNES MON **INVINCIPOLL**-P S2F	1.13	17

Heifer Calving Difficulty

NZ Herd Average
5.7%

NZ AB Code	Name	HCD/Rel%	Page
122058	TELESIS FLEX **THEODORE** S1F	-0.8/99	17
120073	MEANDER TS **ALLOY**-ET S1F *	-0.7/99	25
117068	MEANDER SB **ARROW**-ET S2F	-0.6/100	23
115054	MEANDER SB **WINGMAN**-ET S3F	-0.5/98	14
122013	DICKSONS AR **MONOPOLL**-ET-P S2F	-0.3/99	17

* Sexed semen is offered for Single AI use only. See page 9 for more information.

Source: DataGene 03/12/2024 21/02/2025

FAST FORWARD Team™

LIC's best available genetics earlier than before, fast-forwarding your herd's genetic gain.

The Fast Forward Team™ uses genomic technology to deliver high genetic merit sires with improved reliability at a younger age. Access the next generation of elite bulls earlier, and use a team approach for a balanced breeding strategy.

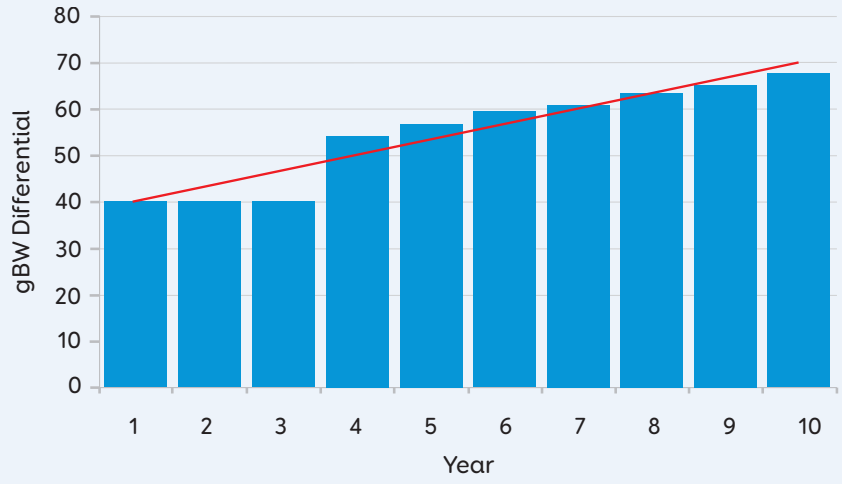
How it works

- A selection of LIC's elite genomic sires make up the Fast Forward Team™
- A team of five to seven sires will be allocated
- The sires are hand-picked by LIC breeding managers to ensure high genetic merit, all-round performance and strong cow families
- An even spread of straws from bulls in the team will be supplied
- Minimum of 50 straws per order
- Available from Spring 2025
- Terms and conditions apply

$23 +GST - Team price per straw

For more information talk to your District Manager.

Predicted difference between gBW of replacements from using Fast Forward Team™ vs Daughter Proven Sires



Through strong investment into research and development, our genomic sires consistently deliver higher rates of genetic gain.

As a result, the gap between genomic and daughter proven sires is widening, and the variation within the genomic group is decreasing, therefore, providing farmers with greater confidence.


WITTENHAM JACKPOT **AEGON**-ET S2F


WAITARIA MG **KINGTIDE**-ET S1F


MAH FINN **SAGE**-ET S1F


MEANDER SS **ALCHEMIST**-ET S2F


BUSYBROOK S **SMOKIN GUN**-ET S1F


PAYNES MJ **PROTECTIVE**-ET S2F


TELESIS FLEX **THEODORE** S1F


PAYNES MON **INVINCIPOLL**-P S2F


DICKSONS AR **MONOPOLL**-ET-P S2F


MEANDER BROKER **ALLEGRO**-ET S1F

Genomic Breeding Values

NZ AB Code	Bull Name	Breed 16th	Beta Casein	gBW	Reliability	Fat kg	Fat %	Protein kg	Protein %	Milk Volume (litres)	Liveweight	Fertility %	Functional Survival	Somatic Cell Score	Body Condition Score	Heifer Calving Difficulty/Rel	Cow Calving Difficulty/Rel	Gestation Length (days)
123058	WITTENHAM JACKPOT **AEGON**-ET S2F	F16	A1/A2	650	56	69	5.5	41	4.1	655	67	11.6	8.1	-0.39	0.35	5.6/47	0.3/87	0.2
124030	WAITARIA MG **KINGTIDE**-ET S1F	F16	A2/A2	573	47	53	5.4	34	4.2	397	29	10.8	4.3	0.07	0.24	8.0/25	1.1/38	-3.1
122056	MAH FINN **SAGE**-ET S1F	F16	A2/A2	569	57	67	5.8	36	4.3	335	31	2.2	3.2	0.21	0.04	7.5/70	1.5/95	-4.2
124048	MEANDER SS **ALCHEMIST**-ET S2F	F16	A1/A2	541	47	62	5.2	44	4.1	743	71	3.1	2.5	-0.50	0.13	7.5/26	1.3/34	-4.2
123087	BUSYBROOK S **SMOKIN GUN**-ET S1F	F16	A2/A2	527	57	57	5.4	42	4.3	478	55	3.5	3.0	-0.38	-0.02	7.7/22	3.0/78	-1.7
123005	PAYNES MJ **PROTECTIVE**-ET S2F	F16	A2/A2	523	56	53	4.5	55	3.8	1411	56	8.1	4.7	0.10	0.17	7.2/23	1.8/80	-1.8
122058	TELESIS FLEX **THEODORE** S1F	F16	A2/A2	510	57	60	5.1	35	3.8	854	50	8.7	3.7	0.07	0.24	9.2/90	-0.8/99	-6.2
124004	PAYNES MON **INVINCIPOLL**-P S2F	F15 J1	A2/A2	477	47	49	5.0	39	4.0	802	36	6.6	5.9	0.24	0.08	3.9/31	0.1/35	-2.1
122013	DICKSONS AR **MONOPOLL**-ET-P S2F	F16	A2/A2	469	59	39	5.3	32	4.2	292	6	8.3	3.8	0.34	0.00	5.9/88	-0.3/99	-3.6
123066	MEANDER BROKER **ALLEGRO**-ET S1F	F16	A2/A2	426	56	40	5.2	32	4.2	322	2	2.9	2.1	0.07	-0.12	8.1/33	2.9/84	-1.0
	Team Average			**526**	**95**	**55**	**5.2**	**39**	**4.1**	**629**	**40**	**6.6**	**4.1**	**-0.02**	**0.11**	**7.1**	**1.1**	**-2.8**

21/02/2025

Traits other than production

NZ AB Code	Name	Adaptability to Milking	Shed Temperament	Milking Speed	Overall Opinion	Stature	Capacity	Rump Angle	Rump Width	Legs	Udder Support	Front Udder	Rear Udder	Front Teat Placement	Rear Teat Placement	Teat Length	Udder Overall	Dairy Conformation
123058	WITTENHAM JACKPOT **AEGON**-ET S2F	0.33	0.33	0.15	0.55	0.71	0.64	0.76	0.40	-0.08	0.40	0.64	0.21	0.15	-0.01	-0.06	0.45	0.55
124030	WAITARIA MG **KINGTIDE**-ET S1F	0.13	0.11	0.21	0.27	0.33	0.50	0.28	0.21	0.08	0.51	1.02	0.42	0.18	-0.37	0.11	0.71	0.40
122056	MAH FINN **SAGE**-ET S1F	0.31	0.29	0.35	0.52	0.20	0.27	-0.12	0.13	0.09	0.46	0.42	0.18	0.37	0.22	0.22	0.50	0.41
124048	MEANDER SS **ALCHEMIST**-ET S2F	0.35	0.35	0.10	0.47	0.76	0.63	-0.28	0.93	-0.13	0.57	0.39	0.44	0.04	-0.10	-0.24	0.54	0.60
123087	BUSYBROOK S **SMOKIN GUN**-ET S1F	0.17	0.17	0.06	0.23	1.01	-0.10	0.27	0.95	-0.17	0.99	0.80	0.72	0.66	1.10	-0.51	1.04	0.26
123005	PAYNES MJ **PROTECTIVE**-ET S2F	0.30	0.29	0.25	0.49	0.52	0.30	-0.16	0.53	-0.21	0.40	0.38	0.38	-0.04	-0.15	0.12	0.40	0.33
122058	TELESIS FLEX **THEODORE** S1F	0.16	0.15	0.11	0.29	0.39	0.46	-0.18	0.65	-0.07	0.46	0.58	0.05	0.01	0.15	-0.01	0.33	0.54
124004	PAYNES MON **INVINCIPOLL**-P S2F	0.33	0.31	0.62	0.48	0.88	0.19	-0.03	0.68	-0.14	1.09	1.01	0.82	0.51	0.63	-0.54	1.13	0.37
122013	DICKSONS AR **MONOPOLL**-ET-P S2F	0.38	0.37	0.44	0.45	0.30	0.23	0.07	0.65	-0.05	0.60	0.88	0.41	0.10	0.09	-0.56	0.63	0.33
123066	MEANDER BROKER **ALLEGRO**-ET S1F	0.15	0.14	0.23	0.28	0.49	0.11	0.08	0.19	-0.11	0.81	1.05	0.78	0.79	0.69	-0.57	1.13	0.27
	Team Average	**0.26**	**0.25**	**0.25**	**0.40**	**0.56**	**0.32**	**0.07**	**0.53**	**-0.08**	**0.63**	**0.72**	**0.44**	**0.28**	**0.22**	**-0.21**	**0.69**	**0.40**

21/02/2025

Weighted Team Averages

Management	-0.5	0	0.5	1
Adapts to Milking	**0.26**			quickly
Shed Temperament	**0.25**			placid
Milking Speed	**0.25**			fast
Overall Opinion	**0.40**			desirable

Conformation	-0.5	0	0.5	1
Stature	**0.56**			tall
Capacity	**0.32**			capacious
Rump Angle	**0.07**			sloping
Rump Width	**0.53**			wide
Legs	**-0.08**			curved
Udder Support	**0.63**			strong
Front Udder	**0.72**			strong
Rear Udder	**0.44**			high
Front Teat Placement	**0.28**			close
Rear Teat Placement	**0.22**			close
Teat Length	**-0.21**			long
Udder Overall	**0.69**			desirable
Dairy Conformation	**0.40**			desirable

gBW/Rel%	$526/54%
Milkfat	**55 kgs**
Protein	**39 kgs**
Milk	**629 litres**
Liveweight	**40 kgs**
Functional Survival	**4.1%**
Milkfat %	**5.2%**
Protein %	**4.1%**
Heifer Calving Dif	**7.1%**
Cow Calving Dif	**1.1%**
Fertility	**6.6%**
SCC	**-0.02**
BCS	**0.11**

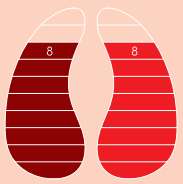
NB: the reliability of a team of bulls is always higher than using just one bull.

21/02/2025

HoofPrint®

Methane Efficiency

Nitrogen Efficiency



RETAIL $25.00 +GST

121083 MAIRE TS JAGER-ET S1F

$504/90%
gBW REL

Breeding Details

NASIS	NZGJAGER
Breed	F16
Pedigree	SUPERVISOR x MINT-EDITION

HoofPrint®

Nitrogen Efficiency

Methane Efficiency

NEW ZEALAND DETAILS

Daughter Proven

NZ Breeding Values			142 Daughters
Milk Volume (litres)	1130	Fertility %	1.4
Fat kg	61	Body Condition Score	0.13
Fat %	4.9	Functional Survival %	3.3
Protein kg	49	Cow CD /REL	0.7/99
Protein %	3.9	Heifer CD/REL	6.0/52
SCC	-0.15	Gestation Length (days)	-8.9
Liveweight	68	Beta-Casein	A1/A2

NZ Evaluation Data

Traits other than production

Management	gBV	-0.5 0 0.5 1.0
Adaptability to Milking	0.43	
Shed Temperament	0.43	
Milking Speed	0.22	
Overall Opinion	0.48	
Conformation (100 daughters TOP tested)		
Stature	0.98	
Capacity	0.44	
Rump Angle	-0.21	
Rump Width	1.15	
Legs	0.10	
Udder Support	0.29	
Front Udder	0.20	
Rear Udder	0.35	
Front Teat Placement	0.02	
Rear Teat Placement	-0.21	
Teat Length	-0.42	
Udder Overall	0.34	
Dairy Conformation	0.52	

21/02/2025

Daughter of 121083 JAGER

Daughter of 121083 JAGER

Australian Indices

Source: DataGene 03 Dec 2024

BPI/REL %	318/66	Survival	99
ASI	240	Daughter Fertility	113
HWI	344	Calving Ease	102
Milk	-102	Overall Type	87
Fat kg	41	Protein kg	22

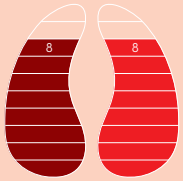
121005 PEMBERTON GG **PROPANE** S1F

$641/88% gBW REL

Breeding Details

NASIS	NZGPROPANE
Breed	F16
Pedigree	GOVERNOR x KELSBELLS

HoofPrint®



Nitrogen Efficiency

Methane Efficiency

NEW ZEALAND DETAILS

Daughter Proven

NZ Breeding Values			104 Daughters
Milk Volume (litres)	961	Fertility %	3.2
Fat kg	79	Body Condition Score	0.09
Fat %	5.4	Functional Survival %	4.6
Protein kg	54	Cow CD/REL	2.6/98
Protein %	4.1	Heifer CD/REL	9.7/36
SCC	0.12	Gestation Length (days)	-3.7
Liveweight	72	Beta-Casein	A1/A2

NZ Evaluation Data

Traits other than production

Management	gBV	-0.5 0 0.5 1.0
Adaptability to Milking	0.27	
Shed Temperament	0.25	
Milking Speed	0.35	
Overall Opinion	0.45	
Conformation (87 daughters TOP tested)		
Stature	0.69	
Capacity	0.14	
Rump Angle	-0.32	
Rump Width	0.59	
Legs	-0.37	
Udder Support	0.31	
Front Udder	0.31	
Rear Udder	0.40	
Front Teat Placement	0.06	
Rear Teat Placement	-0.19	
Teat Length	0.71	
Udder Overall	0.40	
Dairy Conformation	0.29	

21/02/2025

Daughter of 121005 PROPANE

Half Sister of 121005 PROPANE

Australian Indices

Source: DataGene 03 Dec 2024

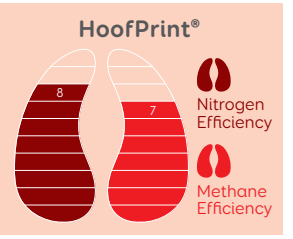
BPI/REL %	377/62	Survival	100
ASI	298	Daughter Fertility	112
HWI	375	Calving Ease	101
Milk	-200	Overall Type	86
Fat kg	54	Protein kg	25

Ultraplus™

RETAIL $25.00 +GST
SEXED $54.00 +GST

121035 BALANTIS TR TRICK-ET S1F

$553/89%
gBW REL



Breeding Details

NASIS	NZGTRICK
Breed	F15 J1
Pedigree	REEF x BEAMER

NEW ZEALAND DETAILS

Daughter Proven

NZ Breeding Values			119 Daughters
Milk Volume (litres)	598	Fertility %	6.8
Fat kg	49	Body Condition Score	0.24
Fat %	5.1	Functional Survival %	2.8
Protein kg	45	Cow CD/REL	0.3/98
Protein %	4.2	Heifer CD/REL	11.0/49
SCC	-0.14	Gestation Length (days)	-0.7
Liveweight	47	Beta-Casein	A1/A2

NZ Evaluation Data

Traits other than production

Management	gBV	-0.5	0	0.5	1.0
Adaptability to Milking	0.39				
Shed Temperament	0.39				
Milking Speed	0.26				
Overall Opinion	0.50				
Conformation (114 daughters TOP tested)					
Stature	0.21				
Capacity	1.01				
Rump Angle	0.27				
Rump Width	0.76				
Legs	0.20				
Udder Support	0.49				
Front Udder	0.60				
Rear Udder	0.42				
Front Teat Placement	0.34				
Rear Teat Placement	0.45				
Teat Length	-1.18				
Udder Overall	0.59				
Dairy Conformation	0.84				

21/02/2025

Daughter of 121035 TRICK

Daughter of 121035 TRICK

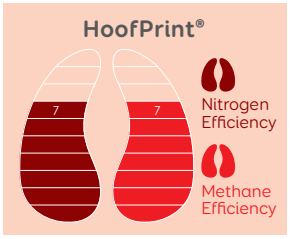
Australian Indices

Source: DataGene 03 Dec 2024

BPI/REL %	257/65	Survival	98
ASI	219	Daughter Fertility	112
HWI	278	Calving Ease	100
Milk	-767	Overall Type	91
Fat kg	25	Protein kg	15

121040 SPRING RIVER GG **SPYRO** S1F

$515/89% gBW REL



Breeding Details	
NASIS	NZGSPYRO
Breed	F16
Pedigree	GOVERNOR x PRICELESS

NEW ZEALAND DETAILS

Daughter Proven

NZ Breeding Values			140 Daughters
Milk Volume (litres)	383	Fertility %	6.4
Fat kg	57	Body Condition Score	0.17
Fat %	5.5	Functional Survival %	5.6
Protein kg	34	Cow CD/REL	3.2/98
Protein %	4.2	Heifer CD/REL	10.4/55
SCC	-0.36	Gestation Length (days)	-2.8
Liveweight	68	Beta-Casein	A2/A2

NZ Evaluation Data	Traits other than production				
Management	gBV	-0.5	0	0.5	1.0
Adaptability to Milking	0.25				
Shed Temperament	0.25				
Milking Speed	0.19				
Overall Opinion	0.37				
Conformation (111 daughters TOP tested)					
Stature	1.07				
Capacity	-0.08				
Rump Angle	0.21				
Rump Width	0.32				
Legs	-0.27				
Udder Support	0.99				
Front Udder	0.73				
Rear Udder	0.89				
Front Teat Placement	0.32				
Rear Teat Placement	0.94				
Teat Length	-0.33				
Udder Overall	0.95				
Dairy Conformation	0.17				

21/02/2025

Daughter of 121040 SPYRO

Daughter of 121040 SPYRO

Australian Indices		Source: DataGene 03 Dec 2024	
BPI/REL %	361/64	Survival	101
ASI	217	Daughter Fertility	116
HWI	403	Calving Ease	102
Milk	-988	Overall Type	86
Fat kg	31	Protein kg	11

119035 TAFTS RHR ORDAIN S3F

$429/98% gBW REL

HoofPrint®
Nitrogen Efficiency
Methane Efficiency

Breeding Details	
NASIS	NZGORDAIN
Breed	F16
Pedigree	ROGUE x BEAMER

NEW ZEALAND DETAILS — Daughter Proven

NZ Breeding Values			3999 Daughters
Milk Volume (litres)	1342	Fertility %	2.4
Fat kg	54	Body Condition Score	0.07
Fat %	4.6	Functional Survival %	3.9
Protein kg	45	Cow CD/REL	0.1/99
Protein %	3.7	Heifer CD/REL	2.3/92
SCC	-0.63	Gestation Length (days)	-6.7
Liveweight	68	Beta-Casein	A2/A2

NZ Evaluation Data — Traits other than production

Management	gBV	-0.5 0 0.5 1.0
Adaptability to Milking	0.16	
Shed Temperament	0.17	
Milking Speed	-0.11	
Overall Opinion	0.24	
Conformation (117 daughters TOP tested)		
Stature	0.65	
Capacity	0.64	
Rump Angle	-0.14	
Rump Width	0.65	
Legs	-0.06	
Udder Support	0.39	
Front Udder	0.55	
Rear Udder	-0.08	
Front Teat Placement	0.23	
Rear Teat Placement	0.46	
Teat Length	-0.46	
Udder Overall	0.31	
Dairy Conformation	0.52	

21/02/2025

Australian Indices — Source: DataGene 03 Dec 2024

BPI/REL %	281/70	Survival	101
ASI	181	Daughter Fertility	113
HWI	321	Calving Ease	103
Milk	82	Overall Type	86
Fat kg	30	Protein kg	19

119002 BELLAMYS DM GALANT-ET S1F

$489/98% gBW REL

HoofPrint®
Nitrogen Efficiency
Methane Efficiency

Breeding Details	
NASIS	NZGGALANT
Breed	F16
Pedigree	MANDATE x BEAMER

NEW ZEALAND DETAILS — Daughter Proven

NZ Breeding Values			6560 Daughters
Milk Volume (litres)	258	Fertility %	5.1
Fat kg	54	Body Condition Score	0.12
Fat %	5.6	Functional Survival %	5.1
Protein kg	33	Cow CD/REL	0.3/100
Protein %	4.3	Heifer CD/REL	9.7/91
SCC	-0.41	Gestation Length (days)	-0.4
Liveweight	59	Beta-Casein	A2/A2

NZ Evaluation Data — Traits other than production

Management	gBV	-0.5 0 0.5 1.0
Adaptability to Milking	0.19	
Shed Temperament	0.18	
Milking Speed	0.23	
Overall Opinion	0.35	
Conformation (155 daughters TOP tested)		
Stature	0.76	
Capacity	0.78	
Rump Angle	0.16	
Rump Width	1.08	
Legs	0.12	
Udder Support	0.35	
Front Udder	0.47	
Rear Udder	0.37	
Front Teat Placement	-0.03	
Rear Teat Placement	0.14	
Teat Length	-0.29	
Udder Overall	0.36	
Dairy Conformation	0.84	

21/02/2025

Australian Indices — Source: DataGene 03 Dec 2024

BPI/REL %	360/72	Survival	104
ASI	231	Daughter Fertility	111
HWI	368	Calving Ease	102
Milk	-759	Overall Type	90
Fat kg	37	Protein kg	13

117068 MEANDER SB ARROW-ET S2F

$411/99%
gBW REL

Breeding Details

NASIS	NZGMEARROW
Breed	F15 J1
Pedigree	BEAMER x ILLUSTRIOUS

HoofPrint®

NEW ZEALAND DETAILS

Daughter Proven

NZ Breeding Values			32729 Daughters
Milk Volume (litres)	431	Fertility %	4.4
Fat kg	42	Body Condition Score	0.04
Fat %	5.2	Functional Survival %	3.0
Protein kg	34	Cow CD/REL	-0.6/100
Protein %	4.1	Heifer CD/REL	5.2/95
SCC	0.51	Gestation Length (days)	-5.1
Liveweight	35	Beta-Casein	A1/A2

NZ Evaluation Data

Traits other than production

Management	gBV	-0.5 0 0.5 1.0
Adaptability to Milking	0.42	
Shed Temperament	0.41	
Milking Speed	0.38	
Overall Opinion	0.51	
Conformation (422 daughters TOP tested)		
Stature	0.32	
Capacity	0.34	
Rump Angle	-0.10	
Rump Width	0.85	
Legs	-0.16	
Udder Support	0.66	
Front Udder	0.56	
Rear Udder	0.73	
Front Teat Placement	0.14	
Rear Teat Placement	0.11	
Teat Length	-0.61	
Udder Overall	0.73	
Dairy Conformation	0.44	

21/02/2025

Australian Indices

Source: DataGene 03 Dec 2024

BPI/REL %	269/72	Survival	101
ASI	237	Daughter Fertility	113
HWI	277	Calving Ease	104
Milk	-898	Overall Type	89
Fat kg	26	Protein kg	16

120003 SCOTTS BV DARIUS-ET

$554/89%
gBW REL

Breeding Details

NASIS	NZGDARIUS
Breed	F16
Pedigree	VECTOR x FREEDOM

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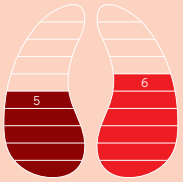

NEW ZEALAND DETAILS

Daughter Proven

NZ Breeding Values			107 Daughters
Milk Volume (litres)	1317	Fertility %	1.3
Fat kg	78	Body Condition Score	0.23
Fat %	5.0	Functional Survival %	2.2
Protein kg	54	Cow CD/REL	-0.2/86
Protein %	3.8	Heifer CD/REL	8.8/40
SCC	-0.15	Gestation Length (days)	-1.5
Liveweight	103	Beta-Casein	A1/A2

NZ Evaluation Data

Traits other than production

Management	gBV	-0.5 0 0.5 1.0
Adaptability to Milking	0.72	
Shed Temperament	0.74	
Milking Speed	0.32	
Overall Opinion	0.80	
Conformation (89 daughters TOP tested)		
Stature	1.13	
Capacity	0.69	
Rump Angle	-0.21	
Rump Width	0.99	
Legs	-0.07	
Udder Support	0.47	
Front Udder	0.30	
Rear Udder	0.34	
Front Teat Placement	0.08	
Rear Teat Placement	0.16	
Teat Length	-0.45	
Udder Overall	0.42	
Dairy Conformation	0.77	

21/02/2025

Australian Indices

Source: DataGene 03 Dec 2024

BPI/REL %	321/69	Survival	100
ASI	242	Daughter Fertility	112
HWI	332	Calving Ease	103
Milk	-227	Overall Type	93
Fat kg	50	Protein kg	18

117044 TELESIS GI ESQUIRE S2F

$370/98%
gBW REL

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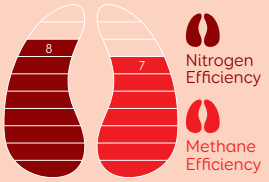


Breeding Details	
NASIS	NZGESQUIRE
Breed	F16
Pedigree	INCA x HAMMER

NEW ZEALAND DETAILS
Daughter Proven

NZ Breeding Values			2189 Daughters
Milk Volume (litres)	787	Fertility %	7.9
Fat kg	25	Body Condition Score	0.18
Fat %	4.5	Functional Survival %	4.5
Protein kg	35	Cow CD/REL	0.3/98
Protein %	3.9	Heifer CD/REL	9.5/57
SCC	0.04	Gestation Length (days)	-1.8
Liveweight	19	Beta-Casein	A2/A2

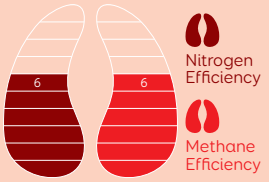
NZ Evaluation Data		Traits other than production
Management	gBV	-0.5 0 0.5 1.0
Adaptability to Milking	0.29	
Shed Temperament	0.29	
Milking Speed	0.18	
Overall Opinion	0.38	
Conformation (107 daughters TOP tested)		
Stature	0.04	
Capacity	0.40	
Rump Angle	0.28	
Rump Width	-0.08	
Legs	0.07	
Udder Support	0.49	
Front Udder	0.55	
Rear Udder	0.42	
Front Teat Placement	-0.01	
Rear Teat Placement	0.36	
Teat Length	0.57	
Udder Overall	0.44	
Dairy Conformation	0.35	

21/02/2025

Australian Indices		Source: DataGene 03 Dec 2024	
BPI/REL %	248/71	Survival	103
ASI	137	Daughter Fertility	113
HWI	333	Calving Ease	102
Milk	-390	Overall Type	86
Fat kg	10	Protein kg	13

119014 BUELIN BM EQUATOR S2F

$380/99%
gBW REL

HoofPrint®


Breeding Details	
NASIS	NZGEQUATOR
Breed	F15 J1
Pedigree	MAXIMA x MINT-EDITION

NEW ZEALAND DETAILS
Daughter Proven

NZ Breeding Values			10869 Daughters
Milk Volume (litres)	764	Fertility %	5.3
Fat kg	57	Body Condition Score	0.05
Fat %	5.1	Functional Survival %	2.8
Protein kg	27	Cow CD/REL	1.4/99
Protein %	3.7	Heifer CD/REL	5.0/87
SCC	0.05	Gestation Length (days)	-5.9
Liveweight	57	Beta-Casein	A1/A2

NZ Evaluation Data		Traits other than production
Management	gBV	-0.5 0 0.5 1.0
Adaptability to Milking	0.63	
Shed Temperament	0.63	
Milking Speed	0.28	
Overall Opinion	0.70	
Conformation (165 daughters TOP tested)		
Stature	0.72	
Capacity	0.38	
Rump Angle	-0.12	
Rump Width	0.81	
Legs	-0.25	
Udder Support	0.47	
Front Udder	-0.10	
Rear Udder	0.26	
Front Teat Placement	-0.04	
Rear Teat Placement	0.16	
Teat Length	-0.08	
Udder Overall	0.26	
Dairy Conformation	0.45	

21/02/2025

Australian Indices		Source: DataGene 03 Dec 2024	
BPI/REL %	249/72	Survival	102
ASI	180	Daughter Fertility	114
HWI	292	Calving Ease	104
Milk	-594	Overall Type	85
Fat kg	45	Protein kg	5

120073 MEANDER TS ALLOY-ET S1F

$520/96% gBW REL

HoofPrint®
Nitrogen Efficiency
Methane Efficiency

Breeding Details

NASIS	NZGALLOY
Breed	F16
Pedigree	SUPERVISOR x ILLUSTRIOUS

NEW ZEALAND DETAILS — Daughter Proven

NZ Breeding Values			720 Daughters
Milk Volume (litres)	520	Fertility %	4.2
Fat kg	69	Body Condition Score	0.14
Fat %	5.6	Functional Survival %	2.5
Protein kg	36	Cow CD/REL	-0.7/99
Protein %	4.1	Heifer CD/REL	5.2/78
SCC	-0.21	Gestation Length (days)	-6.0
Liveweight	77	Beta-Casein	A1/A2

NZ Evaluation Data — Traits other than production

Management	gBV	-0.5 0 0.5 1.0
Adaptability to Milking	0.29	
Shed Temperament	0.28	
Milking Speed	0.29	
Overall Opinion	0.44	
Conformation (141 daughters TOP tested)		
Stature	0.55	
Capacity	-0.13	
Rump Angle	-0.32	
Rump Width	0.65	
Legs	-0.21	
Udder Support	0.21	
Front Udder	-0.04	
Rear Udder	0.45	
Front Teat Placement	-0.19	
Rear Teat Placement	-0.38	
Teat Length	0.10	
Udder Overall	0.22	
Dairy Conformation	-0.12	

21/02/2025

Australian Indices — Source: DataGene 03 Dec 2024

BPI/REL %	350/71	Survival	100
ASI	255	Daughter Fertility	116
HWI	396	Calving Ease	105
Milk	-483	Overall Type	79
Fat kg	44	Protein kg	18

119034 TAFTS RHD OFFICER-ET S2F

$421/98% gBW REL

HoofPrint®
Nitrogen Efficiency
Methane Efficiency

Breeding Details

NASIS	NZGOFFICER
Breed	F16
Pedigree	DUDE x BEAMER

NEW ZEALAND DETAILS — Daughter Proven

NZ Breeding Values			3112 Daughters
Milk Volume (litres)	1414	Fertility %	3.9
Fat kg	49	Body Condition Score	0.37
Fat %	4.4	Functional Survival %	3.7
Protein kg	58	Cow CD/REL	2.0/99
Protein %	3.9	Heifer CD/REL	7.2/67
SCC	0.30	Gestation Length (days)	-2.0
Liveweight	123	Beta-Casein	A2/A2

NZ Evaluation Data — Traits other than production

Management	gBV	-0.5 0 0.5 1.0
Adaptability to Milking	0.47	
Shed Temperament	0.50	
Milking Speed	-0.13	
Overall Opinion	0.51	
Conformation (113 daughters TOP tested)		
Stature	1.28	
Capacity	0.69	
Rump Angle	-0.21	
Rump Width	0.98	
Legs	-0.08	
Udder Support	0.83	
Front Udder	0.97	
Rear Udder	0.73	
Front Teat Placement	0.46	
Rear Teat Placement	0.13	
Teat Length	0.10	
Udder Overall	1.03	
Dairy Conformation	0.82	

21/02/2025

Australian Indices — Source: DataGene 03 Dec 2024

BPI/REL %	294/70	Survival	102
ASI	257	Daughter Fertility	111
HWI	288	Calving Ease	102
Milk	30	Overall Type	95
Fat kg	32	Protein kg	28

120065 CAVALIER SS RIVAL-ET S2F

$419/97% gBW REL

HoofPrint®

Breeding Details	
NASIS	NZGRIVAL
Breed	F16
Pedigree	SCOUT x PULSE

NEW ZEALAND DETAILS — Daughter Proven

NZ Breeding Values			1865 Daughters
Milk Volume (litres)	890	Fertility %	6.9
Fat kg	37	Body Condition Score	0.01
Fat %	4.7	Functional Survival %	4.6
Protein kg	40	Cow CD/REL	1.1/94
Protein %	3.9	Heifer CD/REL	3.0/57
SCC	-0.27	Gestation Length (days)	-4.3
Liveweight	39	Beta-Casein	A2/A2

NZ Evaluation Data — Traits other than production					
Management	gBV	-0.5	0	0.5	1.0
Adaptability to Milking	0.70				
Shed Temperament	0.70				
Milking Speed	0.56				
Overall Opinion	0.71				
Conformation (98 daughters TOP tested)					
Stature	0.34				
Capacity	0.40				
Rump Angle	-0.36				
Rump Width	0.01				
Legs	-0.06				
Udder Support	0.74				
Front Udder	0.62				
Rear Udder	0.58				
Front Teat Placement	0.20				
Rear Teat Placement	0.18				
Teat Length	0.01				
Udder Overall	0.74				
Dairy Conformation	0.22				

21/02/2025

Australian Indices		Source: DataGene 03 Dec 2024	
BPI/REL %	306/67	Survival	100
ASI	178	Daughter Fertility	115
HWI	361	Calving Ease	102
Milk	-276	Overall Type	86
Fat kg	22	Protein kg	16

118061 HALLVILLE AS COLA S2F

$352/90% gBW REL

HoofPrint®

Breeding Details	
NASIS	NZGCOLA
Breed	F16
Pedigree	SALUTE x KINGSTON

NEW ZEALAND DETAILS — Daughter Proven

NZ Breeding Values			91 Daughters
Milk Volume (litres)	860	Fertility %	9.1
Fat kg	23	Body Condition Score	0.20
Fat %	4.4	Functional Survival %	3.6
Protein kg	37	Cow CD/REL	-0.2/96
Protein %	3.9	Heifer CD/REL	-1.0/86
SCC	0.16	Gestation Length (days)	-5.3
Liveweight	37	Beta-Casein	A2/A2

NZ Evaluation Data — Traits other than production					
Management	gBV	-0.5	0	0.5	1.0
Adaptability to Milking	-0.12				
Shed Temperament	-0.13				
Milking Speed	-0.07				
Overall Opinion	0.04				
Conformation (82 daughters TOP tested)					
Stature	0.27				
Capacity	0.18				
Rump Angle	-0.08				
Rump Width	0.57				
Legs	0.04				
Udder Support	0.72				
Front Udder	0.59				
Rear Udder	0.36				
Front Teat Placement	0.36				
Rear Teat Placement	0.01				
Teat Length	-1.01				
Udder Overall	0.74				
Dairy Conformation	0.28				

21/02/2025

Australian Indices		Source: DataGene 03 Dec 2024	
BPI/REL %	174/66	Survival	97
ASI	160	Daughter Fertility	113
HWI	236	Calving Ease	104
Milk	-180	Overall Type	87
Fat kg	9	Protein kg	19

119012 FANANA BM EXCELLENT S2F

$297/92% gBW REL

HoofPrint®
Nitrogen Efficiency
Methane Efficiency

Breeding Details

NASIS	NZGFANEXCELL
Breed	F16
Pedigree	MAXIMA x BOSS

NEW ZEALAND DETAILS — Daughter Proven

NZ Breeding Values — 122 Daughters

Milk Volume (litres)	358	Fertility %	2.5
Fat kg	33	Body Condition Score	0.10
Fat %	5.1	Functional Survival %	6.1
Protein kg	17	Cow CD/REL	0.8/83
Protein %	3.9	Heifer CD/REL	4.4/36
SCC	-0.08	Gestation Length (days)	-1.9
Liveweight	23	Beta-Casein	A2/A2

NZ Evaluation Data — Traits other than production

Management	gBV	-0.5 0 0.5 1.0
Adaptability to Milking	0.37	
Shed Temperament	0.38	
Milking Speed	0.13	
Overall Opinion	0.45	
Conformation (88 daughters TOP tested)		
Stature	0.36	
Capacity	0.39	
Rump Angle	-0.09	
Rump Width	-0.04	
Legs	0.06	
Udder Support	1.17	
Front Udder	1.02	
Rear Udder	0.98	
Front Teat Placement	0.77	
Rear Teat Placement	1.22	
Teat Length	-0.30	
Udder Overall	1.29	
Dairy Conformation	0.37	

21/02/2025

Australian Indices — Source: DataGene 03 Dec 2024

BPI/REL %	218/67	Survival	101
ASI	132	Daughter Fertility	114
HWI	285	Calving Ease	102
Milk	-939	Overall Type	93
Fat kg	28	Protein kg	0

120070 MEANDER TD AERO-ET S1F

$426/98% gBW REL

HoofPrint®
Nitrogen Efficiency
Methane Efficiency

Breeding Details

NASIS	NZGAERO
Breed	F15 J1
Pedigree	DARKSTAR x HOTHOUSE

NEW ZEALAND DETAILS — Daughter Proven

NZ Breeding Values — 4694 Daughters

Milk Volume (litres)	766	Fertility %	2.0
Fat kg	49	Body Condition Score	0.04
Fat %	5.0	Functional Survival %	5.3
Protein kg	40	Cow CD/REL	1.2/99
Protein %	4.0	Heifer CD/REL	3.4/60
SCC	-0.09	Gestation Length (days)	-3.3
Liveweight	59	Beta-Casein	A2/A2

NZ Evaluation Data — Traits other than production

Management	gBV	-0.5 0 0.5 1.0
Adaptability to Milking	0.26	
Shed Temperament	0.24	
Milking Speed	0.39	
Overall Opinion	0.42	
Conformation (108 daughters TOP tested)		
Stature	0.60	
Capacity	0.16	
Rump Angle	-0.20	
Rump Width	0.03	
Legs	-0.29	
Udder Support	0.55	
Front Udder	0.58	
Rear Udder	0.21	
Front Teat Placement	0.26	
Rear Teat Placement	0.14	
Teat Length	-0.09	
Udder Overall	0.55	
Dairy Conformation	0.25	

21/02/2025

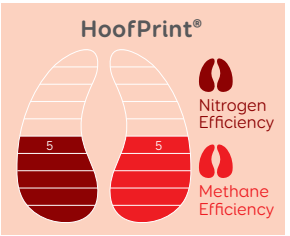
Australian Indices — Source: DataGene 03 Dec 2024

BPI/REL %	249/69	Survival	100
ASI	205	Daughter Fertility	109
HWI	258	Calving Ease	103
Milk	-280	Overall Type	84
Fat kg	31	Protein kg	17

114007 BUSY BROOK WTP VECTOR S3F

$327/99% gBW REL

Breeding Details	
NASIS	NZGBBVECTR
Breed	F16
Pedigree	TE POI x GOLDEN BOY



NEW ZEALAND DETAILS — Daughter Proven

NZ Breeding Values			47073 Daughters
Milk Volume (litres)	958	Fertility %	5.8
Fat kg	39	Body Condition Score	0.45
Fat %	4.6	Functional Survival %	2.7
Protein kg	38	Cow CD/REL	0.3/100
Protein %	3.8	Heifer CD/REL	4.9/95
SCC	-0.20	Gestation Length (days)	-0.7
Liveweight	117	Beta-Casein	A1/A1

NZ Evaluation Data		Traits other than production
Management	gBV	-0.5 0 0.5 1.0
Adaptability to Milking	0.53	
Shed Temperament	0.53	
Milking Speed	0.27	
Overall Opinion	0.68	
Conformation (471 daughters TOP tested)		
Stature	0.77	
Capacity	0.98	
Rump Angle	0.29	
Rump Width	0.59	
Legs	0.07	
Udder Support	0.51	
Front Udder	0.52	
Rear Udder	0.35	
Front Teat Placement	0.15	
Rear Teat Placement	-0.24	
Teat Length	-0.13	
Udder Overall	0.56	
Dairy Conformation	0.94	

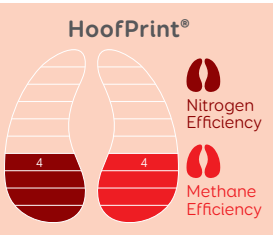
21/02/2025

Australian Indices		Source: DataGene 03 Dec 2024	
BPI/REL %	282/87	Survival	104
ASI	131	Daughter Fertility	112
HWI	339	Calving Ease	102
Milk	-316	Overall Type	95
Fat kg	17	Protein kg	10

117019 MCKENZIE GF COMET S3F

$330/91% gBW REL

Breeding Details	
NASIS	NZGCOMET
Breed	F16
Pedigree	FORAY x MINT-EDITION



NEW ZEALAND DETAILS — Daughter Proven

NZ Breeding Values			105 Daughters
Milk Volume (litres)	1145	Fertility %	-2.6
Fat kg	41	Body Condition Score	0.13
Fat %	4.5	Functional Survival %	-0.4
Protein kg	50	Cow CD/REL	-0.2/89
Protein %	3.9	Heifer CD/REL	6.4/28
SCC	-0.24	Gestation Length (days)	-2.9
Liveweight	98	Beta-Casein	A2/A2

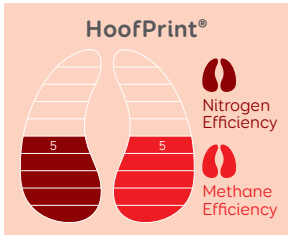
NZ Evaluation Data		Traits other than production
Management	gBV	-0.5 0 0.5 1.0
Adaptability to Milking	0.77	
Shed Temperament	0.81	
Milking Speed	-0.22	
Overall Opinion	0.84	
Conformation (84 daughters TOP tested)		
Stature	0.94	
Capacity	1.15	
Rump Angle	0.21	
Rump Width	0.86	
Legs	0.00	
Udder Support	0.50	
Front Udder	0.78	
Rear Udder	0.42	
Front Teat Placement	0.52	
Rear Teat Placement	0.76	
Teat Length	-0.60	
Udder Overall	0.67	
Dairy Conformation	1.30	

21/02/2025

Australian Indices		Source: DataGene 03 Dec 2024	
BPI/REL %	270/68	Survival	100
ASI	208	Daughter Fertility	109
HWI	267	Calving Ease	102
Milk	2	Overall Type	98
Fat kg	22	Protein kg	24

117090 TRONNOCO MH SAMBA-ET S3F

$286/98% gBW REL



Breeding Details

NASIS	NZGSAMBA
Breed	F16
Pedigree	HOTHOUSE x MAXIMISER

NEW ZEALAND DETAILS — Daughter Proven

NZ Breeding Values — 2911 Daughters

Milk Volume (litres)	1094	Fertility %	-1.6
Fat kg	29	Body Condition Score	-0.02
Fat %	4.3	Functional Survival %	1.6
Protein kg	42	Cow CD/REL	2.2/99
Protein %	3.8	Heifer CD/REL	12.0/61
SCC	0.26	Gestation Length (days)	-0.3
Liveweight	31	Beta-Casein	A2/A2

NZ Evaluation Data — Traits other than production

Management	gBV	-0.5 0 0.5 1.0
Adaptability to Milking	0.37	
Shed Temperament	0.38	
Milking Speed	-0.05	
Overall Opinion	0.54	
Conformation (190 daughters TOP tested)		
Stature	0.72	
Capacity	0.15	
Rump Angle	-0.32	
Rump Width	0.07	
Legs	-0.19	
Udder Support	0.75	
Front Udder	1.13	
Rear Udder	0.44	
Front Teat Placement	0.43	
Rear Teat Placement	0.08	
Teat Length	-0.14	
Udder Overall	0.91	
Dairy Conformation	0.33	

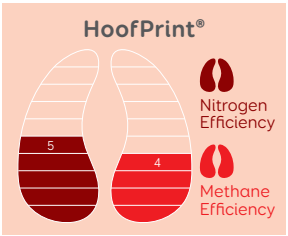
21/02/2025

Australian Indices — Source: DataGene 03 Dec 2024

BPI/REL %	131/71	Survival	100
ASI	151	Daughter Fertility	104
HWI	132	Calving Ease	101
Milk	273	Overall Type	90
Fat kg	10	Protein kg	23

119041 ROYSON MG CURRENCY S3F

$393/93% gBW REL



Breeding Details

NASIS	NZGCURRENCY
Breed	F16
Pedigree	GAUNTLET x HOTHOUSE

NEW ZEALAND DETAILS — Daughter Proven

NZ Breeding Values — 175 Daughters

Milk Volume (litres)	1705	Fertility %	-1.5
Fat kg	42	Body Condition Score	0.23
Fat %	4.1	Functional Survival %	0.4
Protein kg	62	Cow CD/REL	1.9/100
Protein %	3.8	Heifer CD/REL	6.9/55
SCC	-0.21	Gestation Length (days)	-0.7
Liveweight	93	Beta-Casein	A2/A2

NZ Evaluation Data — Traits other than production

Management	gBV	-0.5 0 0.5 1.0
Adaptability to Milking	0.50	
Shed Temperament	0.52	
Milking Speed	0.06	
Overall Opinion	0.52	
Conformation (101 daughters TOP tested)		
Stature	1.56	
Capacity	0.42	
Rump Angle	-0.32	
Rump Width	1.08	
Legs	0.00	
Udder Support	0.77	
Front Udder	0.91	
Rear Udder	0.78	
Front Teat Placement	0.60	
Rear Teat Placement	0.50	
Teat Length	-0.65	
Udder Overall	1.02	
Dairy Conformation	0.58	

21/02/2025

Australian Indices — Source: DataGene 03 Dec 2024

BPI/REL %	283/71	Survival	101
ASI	193	Daughter Fertility	109
HWI	288	Calving Ease	100
Milk	528	Overall Type	96
Fat kg	10	Protein kg	32

118034 PAYNES TT PASTIME-ET S2F

$202/92% gBW REL

NASIS	NZGPASTIME
Breed	F16
Pedigree	TECHNICIAN x PULSE

NZ Breeding Values — 113 Daughters

Milk Volume (litres)	487	Fertility %	5.3
Fat kg/%	15/4.6	Functional Survival %	2.5
Protein kg/%	19/3.8	Cow CD/REL	0.5/89
SCC	0.07	Gestation Length (days)	-3.6
Liveweight	21	Beta-Casein	A1/A2

NZ Evaluation Data — Traits other than production

Management	gBV	-0.5	0	0.5	1.0
Overall Opinion	0.21				
Conformation (105 daughters TOP tested)					
Udder Overall	0.72				
Dairy Conformation	-0.03				

Australian Indices — Source: DataGene 03 Dec 2024

BPI/REL %	182/67	ASI	43

119008 POTO GR CHOICE S1F

$288/97% gBW REL

NASIS	NZGCHOICE
Breed	F15 J1
Pedigree	REGIMENT x HAMMER

NZ Breeding Values — 2282 Daughters

Milk Volume (litres)	465	Fertility %	2.9
Fat kg/%	29/4.9	Functional Survival %	2.6
Protein kg/%	23/3.9	Cow CD/REL	1.6/95
SCC	-0.49	Gestation Length (days)	-1.2
Liveweight	42	Beta-Casein	A2/A2

NZ Evaluation Data — Traits other than production

Management	gBV	-0.5	0	0.5	1.0
Overall Opinion	0.28				
Conformation (110 daughters TOP tested)					
Udder Overall	0.31				
Dairy Conformation	0.23				

Australian Indices — Source: DataGene 03 Dec 2024

BPI/REL %	170/69	ASI	79

113086 MAIRE IG GAUNTLET-ET

$184/99% gBW REL

NASIS	NZGMAIRGAUNT
Breed	F16
Pedigree	IGNITION x SPICY

NZ Breeding Values — 30491 Daughters

Milk Volume (litres)	1374	Fertility %	-7.7
Fat kg/%	27/4.1	Functional Survival %	-3.0
Protein kg/%	45/3.7	Cow CD/REL	4.3/100
SCC	0.05	Gestation Length (days)	1.2
Liveweight	86	Beta-Casein	A2/A2

NZ Evaluation Data — Traits other than production

Management	gBV	-0.5	0	0.5	1.0
Overall Opinion	0.78				
Conformation (1312 daughters TOP tested)					
Udder Overall	0.91				
Dairy Conformation	0.93				

Australian Indices — Source: DataGene 03 Dec 2024

BPI/REL %	164/87	ASI	124

116019 WERDERS DE OVERTIME S1F

$350/99% gBW REL

NASIS	NZGOVERTIME
Breed	F16
Pedigree	EMPIRE x ILLUSTRIOUS

NZ Breeding Values — 30356 Daughters

Milk Volume (litres)	236	Fertility %	-1.5
Fat kg/%	38/5.3	Functional Survival %	2.9
Protein kg/%	28/4.2	Cow CD/REL	1.6/100
SCC	0.79	Gestation Length (days)	-5.9
Liveweight	2	Beta-Casein	A2/A2

NZ Evaluation Data — Traits other than production

Management	gBV	-0.5	0	0.5	1.0
Overall Opinion	0.34				
Conformation (252 daughters TOP tested)					
Udder Overall	0.54				
Dairy Conformation	0.19				

Australian Indices — Source: DataGene 03 Dec 2024

BPI/REL %	197/80	ASI	225

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118068 BAGWORTH GI ORIGINAL S3F

Daughter of 118068 ORIGINAL

$268/98% gBW REL

NASIS	NZGORIGINAL
Breed	F16
Pedigree	INCA x MINT-EDITION

NZ Breeding Values		8296 Daughters	
Milk Volume (litres)	505	Fertility %	5.9
Fat kg/%	37/5.0	Functional Survival %	2.7
Protein kg/%	30/4.0	Cow CD/REL	3.1/99
SCC	0.10	Gestation Length (days)	-2.1
Liveweight	93	Beta-Casein	A1/A2

NZ Evaluation Data	Traits other than production				
Management	gBV	-0.5	0	0.5	1.0
Overall Opinion	0.40				
Conformation (101 daughters TOP tested)					
Udder Overall	0.31				
Dairy Conformation	0.36				

Australian Indices	Source: DataGene 03 Dec 2024		
BPI/REL %	222/70	ASI	146

116060 ON-DER-REY MA APPROVE S2F

$183/97% gBW REL

NASIS	NZGREAPPROVE
Breed	F15 J1
Pedigree	APOLLO x OVATION

NZ Breeding Values		1009 Daughters	
Milk Volume (litres)	789	Fertility %	-1.2
Fat kg/%	6/4.2	Functional Survival %	2.6
Protein kg/%	33/3.9	Cow CD/REL	-0.3/95
SCC	-0.11	Gestation Length (days)	3.8
Liveweight	27	Beta-Casein	A2/A2

NZ Evaluation Data	Traits other than production				
Management	gBV	-0.5	0	0.5	1.0
Overall Opinion	0.31				
Conformation (86 daughters TOP tested)					
Udder Overall	0.28				
Dairy Conformation	0.59				

Australian Indices	Source: DataGene 03 Dec 2024		
BPI/REL %	182/69	ASI	142

120063 MATTAJUDE VR BRUTE-ET S1F

$339/97% gBW REL

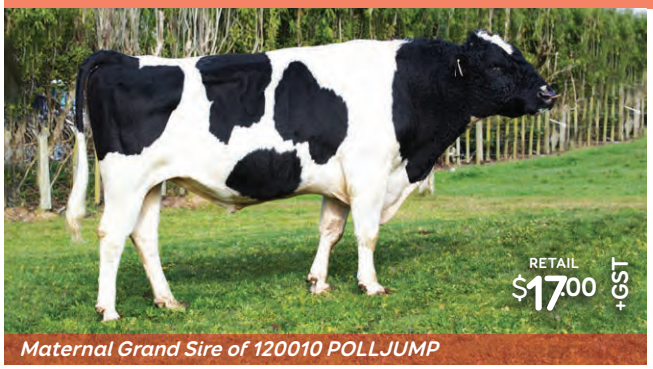
NASIS	NZGBRUTE
Breed	F16
Pedigree	REMEDY x FREEDOM

NZ Breeding Values		2046 Daughters	
Milk Volume (litres)	884	Fertility %	-1.5
Fat kg/%	40/4.7	Functional Survival %	3.5
Protein kg/%	43/4.0	Cow CD/REL	2.9/97
SCC	-0.04	Gestation Length (days)	-3.2
Liveweight	78	Beta-Casein	A2/A2

NZ Evaluation Data	Traits other than production				
Management	gBV	-0.5	0	0.5	1.0
Overall Opinion	0.29				
Conformation (87 daughters TOP tested)					
Udder Overall	0.48				
Dairy Conformation	0.36				

Australian Indices	Source: DataGene 03 Dec 2024		
BPI/REL %	227/69	ASI	230

120010 COSTERS P POLLJUMP-PP S2F



Maternal Grand Sire of 120010 POLLJUMP

$250/72% gBW REL

NASIS	NZGPOLLJUMP
Breed	F16
Pedigree	POLLICY x POLARISE

NZ Breeding Values		17 Daughters	
Milk Volume (litres)	506	Fertility %	3.8
Fat kg/%	28/4.8	Functional Survival %	3.9
Protein kg/%	23/3.9	Cow CD/REL	1.6/53
SCC	-0.26	Gestation Length (days)	2.4
Liveweight	62	Beta-Casein	A1/A1

NZ Evaluation Data	Traits other than production				
Management	gBV	-0.5	0	0.5	1.0
Overall Opinion	0.60				
Conformation (8 daughters TOP tested)					
Udder Overall	0.25				
Dairy Conformation	0.20				

Australian Indices	Source: DataGene 03 Dec 2024		
BPI/REL %	119/51	ASI	64

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2025

Jersey

For updated bull information after each AE run, scan the QR code

All Bulls

Page Number	NZ AB Code	Bull Name	Price Retail (+GST)	Breed Split	Beta Casein	gBW/Rel	Milk Volume (litres)	Fat kg	Protein kg	Somatic Cell Score	Fertility %	Functional Survival	Heifer Calving Difficulty/Rel	Cow Calving Difficulty/Rel	Gestation Length (days)	Liveweight	Overall Opinion	Stature	Capacity	Udder Overall	Dairy onformation	VMSI
Jersey																						
36	324018	BENWORTH TM **GRIFFINPOLL**-P JC15	$23	J15 F1	A2/A2	631/56	128	54	37	-0.45	2.8	1.7	-5.6/27	-2.1/32	2.0	-12	0.34	-0.37	0.69	0.61	0.65	1614
37	320029	ROCKLAND LQ **BERKLY** *	$25	J16	A2/A2	596/97	-223	58	25	-0.10	4.2	3.2	-8.3/89	-1.3/98	2.1	-18	0.73	-0.24	0.35	0.84	0.49	1610
35	321053	GREENMILE LQ **TAKAHE**	$25	J16	A2/A2	560/88	-139	55	22	0.26	4.4	2.7	-8.8/62	-1.7/97	1.7	-29	0.04	-0.67	0.38	0.83	0.46	1544
38	318001	OKURA PEPPER **LUCCA**	$23	J16	A1/A2	532/91	-27	57	19	-0.24	0.6	1.9	-8.4/93	-2.2/99	5.7	-34	0.62	-0.67	0.65	0.46	0.60	1494
40	319030	GRANTZ BC **HENDRIX** ET S3J *	$21	J16	A2/A2	497/91	79	43	25	0.24	10.5	0.6	-8.1/91	-1.6/99	-1.5	4	0.20	-0.23	0.09	0.47	0.14	1463
40	315045	GLENUI DEGREE **HOSS** ET	$21	J16	A2/A2	493/99	-354	33	12	-0.49	7.9	3.2	-7.3/98	-2.0/100	3.2	-41	0.14	-0.55	0.38	0.49	0.36	1420
41	318035	SHELBY BC **LOTTO** ET S3J *	$21	J16	A2/A2	456/99	-196	35	21	-0.02	6.2	2.2	-7.3/97	-1.9/100	1.0	-35	0.11	-0.66	0.03	0.25	0.16	1422
39	316039	ULMARRA TT **GALLIVANT** *	$21	J16	A1/A2	454/99	-263	42	15	-0.12	4.0	1.9	-8.4/97	-2.0/100	0.9	-13	0.41	-0.48	0.67	0.62	0.68	1415
39	320020	THORNWOOD BANFF **TITUS**	$23	J16	A2/A2	424/97	-702	25	8	-0.30	7.5	4.7	-8.7/94	-2.0/99	-2.1	-7	0.29	-0.67	0.77	0.85	0.85	1384
37	318029	GLENUI BC **LAREDO** ET S3J *	$21	J16	A2/A2	410/98	30	21	17	0.31	8.0	4.9	-7.7/89	-2.2/98	-0.9	-52	0.41	-1.13	0.31	0.62	0.35	1343
38	322034	SCOTTSDALE KP **CALVARY**-ET	$21	J16	A2/A2	398/58	-291	32	12	0.23	6.8	3.0	-6.1/66	-0.6/95	-1.3	5	0.65	-0.37	0.99	0.64	0.96	1362
41	312057	BELLS CM **CONRAD** S2J	$19	J15 F1	A2/A2	365/99	-21	26	15	0.40	12.7	1.8	-8.2/98	-2.0/100	-4.9	-2	0.09	-0.47	0.39	0.19	0.32	1299
Jersey also available																						
	313023	CRESCENT EXCELL **MONOPOLY**	$15	J16	A2/A2	459/99	-420	39	12	-0.09	1.1	3.0	-6.5/97	-1.4/100	0.2	-50	0.37	-0.86	0.41	0.44	0.34	1412
	315029	THORNWOOD DEGREE **TRIGGER**	$15	J16	A2/A2	442/99	-240	37	15	-0.11	2.5	2.3	-9.5/94	-2.0/99	-2.5	-25	0.05	-0.84	0.60	1.12	0.64	1448
	315008	PUKEROA AND **BARATONE** ET	$15	J16	A2/A2	440/99	-461	31	11	0.13	1.0	2.3	-4.5/97	-1.5/100	-3.1	-60	0.12	-1.36	0.45	0.30	0.17	1338
	312004	GLANTON LT **BRAHMS**	$12	J16	A2/A2	394/99	-219	41	20	0.28	-7.1	-0.4	-6.7/87	-2.2/98	-1.3	-20	0.43	-0.59	0.72	0.38	0.81	1366
	312014	CHARDONNAY **FRANKIE**	$12	J16	A2/A2	372/99	-265	14	10	-0.43	7.0	2.4	-8.2/94	-2.7/99	1.6	-63	0.31	-1.21	0.44	0.05	0.25	1272
	314012	KAITAKA OI **LEOPARD** ET	$15	J16	A2/A2	371/99	-509	23	3	-0.24	5.6	2.1	-9.3/96	-1.8/100	-2.6	-66	0.27	-0.99	-0.27	0.62	-0.04	1335
	315059	BONACORD AND **BERNARD** S2J	$12	J16	A2/A2	367/98	-706	18	-1	-0.28	8.4	2.2	-4.9/81	-2.6/96	0.5	-91	0.02	-1.44	-0.41	0.46	-0.30	1328
	308128	HILLSTAR LOT **JESTER** S3J	$12	J16	A1/A2	343/99	-257	19	8	-0.37	7.7	1.4	-10.4/97	-2.7/100	1.8	-25	0.26	-0.55	0.52	0.57	0.48	1294
	313016	BONACORD MURMUR **BOLT**	$12	J16	A2/A2	336/99	-235	22	4	-0.41	6.1	-0.2	-8.0/96	-2.5/99	2.3	-70	0.04	-1.20	0.05	0.29	0.10	1288

* Sexed semen is offered for Single AI use only. See page 9 for more information.

21/02/2025

Top 5 Performers

Breeding Worth

NZ Herd Average
NZ$301

NZ AB Code	Name	gBW/Rel%	Page
324018	BENWORTH TM **GRIFFINPOLL**-P JC15	631/56	36
320029	ROCKLAND LQ **BERKLY** *	596/97	37
321053	GREENMILE LQ **TAKAHE**	560/88	35
318001	OKURA PEPPER **LUCCA**	532/91	38
319030	GRANTZ BC **HENDRIX** ET S3J *	497/91	40

BPI

NZ AB Code	Name	BPI/Rel%	Page
320029	ROCKLAND LQ **BERKLY** *	371/67	37
320020	THORNWOOD BANFF **TITUS**	277/67	39
318001	OKURA PEPPER **LUCCA**	272/69	38
321053	GREENMILE LQ **TAKAHE**	251/47	35
316039	ULMARRA TT **GALLIVANT** *	231/70	39

Protein

NZ Herd Average
7 kg/4.2%

NZ AB Code	Name	Protein (kg/%)	Page
324018	BENWORTH TM **GRIFFINPOLL**-P JC15	37/4.5	36
320029	ROCKLAND LQ **BERKLY** *	25/4.5	37
319030	GRANTZ BC **HENDRIX** ET S3J *	25/4.3	40
321053	GREENMILE LQ **TAKAHE**	22/4.4	35
318035	SHELBY BC **LOTTO** ET S3J *	21/4.4	41

Fat

NZ Herd Average
20 kg/5.5%

NZ AB Code	Name	Fat (kg/%)	Page
320029	ROCKLAND LQ **BERKLY** *	58/6.3	37
318001	OKURA PEPPER **LUCCA**	57/6.0	38
321053	GREENMILE LQ **TAKAHE**	55/6.1	35
324018	BENWORTH TM **GRIFFINPOLL**-P JC15	54/5.8	36
319030	GRANTZ BC **HENDRIX** ET S3J *	43/5.6	40

Fertility

NZ Herd Average
2.8%

NZ AB Code	Name	Fertility (%)	Page
312057	BELLS CM **CONRAD** S2J	12.7	41
319030	GRANTZ BC **HENDRIX** ET S3J *	10.5	40
315059	BONACORD AND **BERNARD** S2J	8.4	33
318029	GLENUI BC **LAREDO** ET S3J *	8.0	37
315045	GLENUI DEGREE **HOSS** ET	7.9	40

Milk Volume

NZ Herd Average
-244 litres

NZ AB Code	Name	Volume (l)	Page
324018	BENWORTH TM **GRIFFINPOLL**-P JC15	128	36
319030	GRANTZ BC **HENDRIX** ET S3J *	79	40
318029	GLENUI BC **LAREDO** ET S3J *	30	37
312057	BELLS CM **CONRAD** S2J	-21	41
318001	OKURA PEPPER **LUCCA**	-27	38

SCC

NZ Herd Average
-0.11

NZ AB Code	Name	SCC	Page
315045	GLENUI DEGREE **HOSS** ET	-0.49	40
324018	BENWORTH TM **GRIFFINPOLL**-P JC15	-0.45	36
312014	CHARDONNAY **FRANKIE**	-0.43	33
313016	BONACORD MURMUR **BOLT**	-0.41	33
308128	HILLSTAR LOT **JESTER** S3J	-0.37	33

Capacity

NZ Herd Average
0.29

NZ AB Code	Name	Capacity	Page
322034	SCOTTSDALE KP **CALVARY**-ET	0.99	38
320020	THORNWOOD BANFF **TITUS**	0.77	39
312004	GLANTON LT **BRAHMS**	0.72	33
324018	BENWORTH TM **GRIFFINPOLL**-P JC15	0.69	36
316039	ULMARRA TT **GALLIVANT** *	0.67	39

Udder Overall

NZ Herd Average
0.41

NZ AB Code	Name	Udder Overall	Page
315029	THORNWOOD DEGREE **TRIGGER**	1.12	33
320020	THORNWOOD BANFF **TITUS**	0.85	39
320029	ROCKLAND LQ **BERKLY** *	0.84	37
321053	GREENMILE LQ **TAKAHE**	0.83	35
322034	SCOTTSDALE KP **CALVARY**-ET	0.64	38

Liveweight

NZ Herd Average
-43 kg

NZ AB Code	Name	Liveweight	Page
322034	SCOTTSDALE KP **CALVARY**-ET	5	38
319030	GRANTZ BC **HENDRIX** ET S3J *	4	40
312057	BELLS CM **CONRAD** S2J	-2	41
320020	THORNWOOD BANFF **TITUS**	-7	39
324018	BENWORTH TM **GRIFFINPOLL**-P JC15	-12	36

* Sexed semen is offered for Single AI use only. See page 9 for more information.

Source: DataGene 03/12/2024 21/02/2025

321053 GREENMILE LQ TAKAHE

$560/88%
gBW REL

HoofPrint®
9 9
Nitrogen Efficiency
Methane Efficiency

Breeding Details

NASIS	NZGTAKAHE
Breed	J16
Pedigree	QUADRANT x BALTIC

NEW ZEALAND DETAILS

Daughter Proven

NZ Breeding Values			128 Daughters
Milk Volume (litres)	-139	Fertility %	4.4
Fat kg	55	Body Condition Score	0.01
Fat %	6.1	Functional Survival %	2.7
Protein kg	22	Calving Difficulty (cow)	-1.7/97
Protein %	4.4	Calving Difficulty (heifer)	-8.8/62
SCC	0.26	Gestation Length (days)	1.7
Liveweight	-29	Beta-Casein	A2/A2

NZ Evaluation Data

Traits other than production

Management	gBV	-0.5	0	0.5	1.0
Adaptability to Milking	-0.07				
Shed Temperament	-0.08				
Milking Speed	0.08				
Overall Opinion	0.04				
Conformation (85 daughters TOP tested)					
Stature	-0.67				
Capacity	0.38				
Rump Angle	-0.28				
Rump Width	0.08				
Legs	0.08				
Udder Support	0.57				
Front Udder	0.73				
Rear Udder	0.90				
Front Teat Placement	0.19				
Rear Teat Placement	-0.10				
Teat Length	0.19				
Udder Overall	0.83				
Dairy Conformation	0.46				

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Daughter of 321053 TAKAHE


Daughter of 321053 TAKAHE

Australian Indices

Source: DataGene 03 Dec 2024

BPI/REL %	251/47	Survival	98
ASI	303	Daughter Fertility	101
HWI	152	Liveweight	99
Milk	144	Overall Type	94
Fat kg	58	Protein kg	29

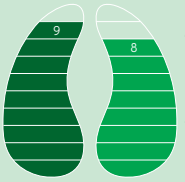
324018 BENWORTH TM GRIFFINPOLL-P JC15

$631/56% gBW REL

Breeding Details

NASIS	NZGGRIFFPOLL
Breed	J15 F1
Pedigree	MONTAGE x GYM

HoofPrint®



Nitrogen Efficiency

Methane Efficiency

NEW ZEALAND DETAILS

Genomically Selected

NZ Breeding Values			0 Daughters
Milk Volume (litres)	128	Fertility %	2.8
Fat kg	54	Body Condition Score	0.06
Fat %	5.8	Functional Survival %	1.7
Protein kg	37	Cow CD/REL	-2.1/32
Protein %	4.5	Heifer CD/REL	-5.6/27
SCC	-0.45	Gestation Length (days)	2.0
Liveweight	-12	Beta-Casein	A2/A2

NZ Evaluation Data

Traits other than production

Management	gBV	-0.5 0 0.5 1.0
Adaptability to Milking	0.25	
Shed Temperament	0.25	
Milking Speed	0.14	
Overall Opinion	0.34	
Conformation (0 daughters TOP tested)		
Stature	-0.37	
Capacity	0.69	
Rump Angle	-0.30	
Rump Width	-0.11	
Legs	0.08	
Udder Support	0.35	
Front Udder	0.40	
Rear Udder	0.68	
Front Teat Placement	0.33	
Rear Teat Placement	0.14	
Teat Length	0.38	
Udder Overall	0.61	
Dairy Conformation	0.65	

21/02/2025

Half Sister of 324018 GRIFFINPOLL

Sire of 324018 GRIFFINPOLL

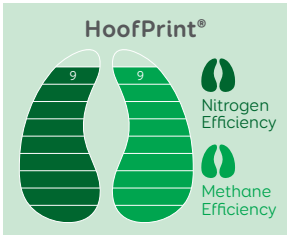
Australian Indices

Source: DataGene 03 Dec 2024

BPI/REL %	175/22	Survival	100
ASI	194	Daughter Fertility	100
HWI	92	Liveweight	102
Milk	-47	Overall Type	92
Fat kg	32	Protein kg	18

320029 ROCKLAND LQ BERKLY

$596/97% gBW REL



Breeding Details

NASIS	NZGBERKLY
Breed	J16
Pedigree	QUADRANT x LARSON

NEW ZEALAND DETAILS

Daughter Proven

NZ Breeding Values			1307 Daughters
Milk Volume (litres)	-223	Fertility %	4.2
Fat kg	58	Body Condition Score	-0.03
Fat %	6.3	Functional Survival %	3.2
Protein kg	25	Cow CD/REL	-1.3/98
Protein %	4.5	Heifer CD/REL	-8.3/89
SCC	-0.10	Gestation Length (days)	2.1
Liveweight	-18	Beta-Casein	A2/A2

NZ Evaluation Data

Traits other than production

Management	gBV	-0.5 0 0.5 1.0
Adaptability to Milking	0.50	
Shed Temperament	0.49	
Milking Speed	0.46	
Overall Opinion	0.73	
Conformation (230 daughters TOP tested)		
Stature	-0.24	
Capacity	0.35	
Rump Angle	-0.33	
Rump Width	-0.30	
Legs	-0.02	
Udder Support	0.66	
Front Udder	0.67	
Rear Udder	1.14	
Front Teat Placement	-0.03	
Rear Teat Placement	-0.07	
Teat Length	0.63	
Udder Overall	0.84	
Dairy Conformation	0.49	

21/02/2025

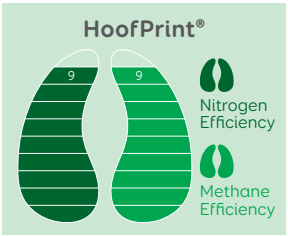
Australian Indices

Source: DataGene 03 Dec 2024

BPI/REL %	371/67	Survival	102
ASI	334	Daughter Fertility	105
HWI	257	Liveweight	106
Milk	-74	Overall Type	93
Fat kg	58	Protein kg	31

318029 GLENUI BC LAREDO ET S3J

$410/98% gBW REL



Breeding Details

NASIS	NZGLAREDO
Breed	J16
Pedigree	CONRAD x INTEGRITY

NEW ZEALAND DETAILS

Daughter Proven

NZ Breeding Values			1743 Daughters
Milk Volume (litres)	30	Fertility %	8.0
Fat kg	21	Body Condition Score	0.13
Fat %	5.2	Functional Survival %	4.9
Protein kg	17	Cow CD/REL	-2.2/98
Protein %	4.1	Heifer CD/REL	-7.7/89
SCC	0.31	Gestation Length (days)	-0.9
Liveweight	-52	Beta-Casein	A2/A2

NZ Evaluation Data

Traits other than production

Management	gBV	-0.5 0 0.5 1.0
Adaptability to Milking	0.29	
Shed Temperament	0.29	
Milking Speed	0.14	
Overall Opinion	0.41	
Conformation (145 daughters TOP tested)		
Stature	-1.13	
Capacity	0.31	
Rump Angle	-0.20	
Rump Width	0.02	
Legs	0.09	
Udder Support	0.43	
Front Udder	0.23	
Rear Udder	0.79	
Front Teat Placement	0.24	
Rear Teat Placement	0.11	
Teat Length	0.13	
Udder Overall	0.62	
Dairy Conformation	0.35	

21/02/2025

Australian Indices

Source: DataGene 03 Dec 2024

BPI/REL %	155/69	Survival	101
ASI	182	Daughter Fertility	103
HWI	131	Liveweight	97
Milk	149	Overall Type	92
Fat kg	23	Protein kg	22

322034 SCOTTSDALE KP CALVARY-ET

$398/58% gBW REL

HoofPrint®

Nitrogen Efficiency

Methane Efficiency

Breeding Details

NASIS	NZGCALVARY
Breed	J16
Pedigree	POPEYE x FLOYD

NEW ZEALAND DETAILS — Genomically Selected

NZ Breeding Values — 0 Daughters

Milk Volume (litres)	-291	Fertility %	6.8
Fat kg	32	Body Condition Score	0.31
Fat %	5.8	Functional Survival %	3.0
Protein kg	12	Cow CD/REL	-0.6/95
Protein %	4.3	Heifer CD/REL	-6.1/66
SCC	0.23	Gestation Length (days)	-1.3
Liveweight	5	Beta-Casein	A2/A2

NZ Evaluation Data — Traits other than production

Management	gBV	-0.5 0 0.5 1.0
Adaptability to Milking	0.60	
Shed Temperament	0.61	
Milking Speed	0.22	
Overall Opinion	0.65	
Conformation (0 daughters TOP tested)		
Stature	-0.37	
Capacity	0.99	
Rump Angle	0.16	
Rump Width	0.46	
Legs	0.14	
Udder Support	0.58	
Front Udder	0.41	
Rear Udder	0.77	
Front Teat Placement	0.16	
Rear Teat Placement	0.46	
Teat Length	0.25	
Udder Overall	0.64	
Dairy Conformation	0.96	

21/02/2025

Australian Indices — Source: DataGene 03 Dec 2024

BPI/REL %	109/50	Survival	101
ASI	127	Daughter Fertility	102
HWI	70	Liveweight	101
Milk	-188	Overall Type	89
Fat kg	25	Protein kg	9

318001 OKURA PEPPER LUCCA

$532/91% gBW REL

HoofPrint®

Nitrogen Efficiency

Methane Efficiency

Breeding Details

NASIS	NZGLUCCA
Breed	J16
Pedigree	PEPPER x INTEGRITY

NEW ZEALAND DETAILS — Daughter Proven

NZ Breeding Values — 89 Daughters

Milk Volume (litres)	-27	Fertility %	0.6
Fat kg	57	Body Condition Score	0.06
Fat %	6.0	Functional Survival %	1.9
Protein kg	19	Cow CD/REL	-2.2/99
Protein %	4.2	Heifer CD/REL	-8.4/93
SCC	-0.24	Gestation Length (days)	5.7
Liveweight	-34	Beta-Casein	A1/A2

NZ Evaluation Data — Traits other than production

Management	gBV	-0.5 0 0.5 1.0
Adaptability to Milking	0.71	
Shed Temperament	0.73	
Milking Speed	0.23	
Overall Opinion	0.62	
Conformation (83 daughters TOP tested)		
Stature	-0.67	
Capacity	0.65	
Rump Angle	-0.14	
Rump Width	0.17	
Legs	0.17	
Udder Support	0.24	
Front Udder	0.41	
Rear Udder	0.60	
Front Teat Placement	0.07	
Rear Teat Placement	-0.22	
Teat Length	-0.05	
Udder Overall	0.46	
Dairy Conformation	0.60	

21/02/2025

Australian Indices — Source: DataGene 03 Dec 2024

BPI/REL %	272/69	Survival	99
ASI	269	Daughter Fertility	99
HWI	135	Liveweight	105
Milk	-90	Overall Type	94
Fat kg	52	Protein kg	23

320020 THORNWOOD BANFF TITUS

$424/97%
gBW REL

HoofPrint®


Breeding Details

NASIS	NZGTITUS
Breed	J16
Pedigree	BANFF x GOLDIE

NEW ZEALAND DETAILS — Daughter Proven

NZ Breeding Values — 1186 Daughters

Milk Volume (litres)	-702	Fertility %	7.5
Fat kg	25	Body Condition Score	0.25
Fat %	6.2	Functional Survival %	4.7
Protein kg	8	Cow CD/REL	-2.0/99
Protein %	4.7	Heifer CD/REL	-8.7/94
SCC	-0.30	Gestation Length (days)	-2.1
Liveweight	-7	Beta-Casein	A2/A2

NZ Evaluation Data — Traits other than production

Management	gBV	-0.5 0 0.5 1.0
Adaptability to Milking	0.23	
Shed Temperament	0.23	
Milking Speed	0.28	
Overall Opinion	0.29	
Conformation (297 daughters TOP tested)		
Stature	-0.67	
Capacity	0.77	
Rump Angle	-0.23	
Rump Width	0.41	
Legs	-0.01	
Udder Support	0.74	
Front Udder	0.69	
Rear Udder	1.21	
Front Teat Placement	-0.25	
Rear Teat Placement	-0.38	
Teat Length	0.18	
Udder Overall	0.85	
Dairy Conformation	0.85	

21/02/2025

Australian Indices — Source: DataGene 03 Dec 2024

BPI/REL %	277/67	Survival	102
ASI	206	Daughter Fertility	104
HWI	199	Liveweight	104
Milk	-726	Overall Type	100
Fat kg	32	Protein kg	12

316039 ULMARRA TT GALLIVANT

$454/99%
gBW REL

HoofPrint®


Breeding Details

NASIS	NZGGALLIVANT
Breed	J16
Pedigree	THOR x EXCELL

NEW ZEALAND DETAILS — Daughter Proven

NZ Breeding Values — 8208 Daughters

Milk Volume (litres)	-263	Fertility %	4.0
Fat kg	42	Body Condition Score	0.10
Fat %	6.0	Functional Survival %	1.9
Protein kg	15	Cow CD/REL	-2.0/100
Protein %	4.4	Heifer CD/REL	-8.4/97
SCC	-0.12	Gestation Length (days)	0.9
Liveweight	-13	Beta-Casein	A1/A2

NZ Evaluation Data — Traits other than production

Management	gBV	-0.5 0 0.5 1.0
Adaptability to Milking	0.33	
Shed Temperament	0.34	
Milking Speed	0.04	
Overall Opinion	0.41	
Conformation (399 daughters TOP tested)		
Stature	-0.48	
Capacity	0.67	
Rump Angle	-0.20	
Rump Width	-0.04	
Legs	0.01	
Udder Support	0.33	
Front Udder	0.75	
Rear Udder	0.79	
Front Teat Placement	0.09	
Rear Teat Placement	-0.03	
Teat Length	0.26	
Udder Overall	0.62	
Dairy Conformation	0.68	

21/02/2025

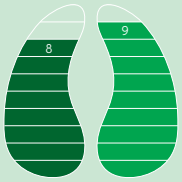
Australian Indices — Source: DataGene 03 Dec 2024

BPI/REL %	231/70	Survival	99
ASI	238	Daughter Fertility	101
HWI	121	Liveweight	106
Milk	-289	Overall Type	94
Fat kg	46	Protein kg	18

319030 GRANTZ BC HENDRIX ET S3J

$497/91% gBW REL

HoofPrint®



Breeding Details

NASIS	NZGHENDRIX
Breed	J16
Pedigree	CONRAD x DEGREE

NEW ZEALAND DETAILS

Daughter Proven

NZ Breeding Values			108 Daughters
Milk Volume (litres)	79	Fertility %	10.5
Fat kg	43	Body Condition Score	0.15
Fat %	5.6	Functional Survival %	0.6
Protein kg	25	Cow CD/REL	-1.6/99
Protein %	4.3	Heifer CD/REL	-8.1/91
SCC	0.24	Gestation Length (days)	-1.5
Liveweight	4	Beta-Casein	A2/A2

NZ Evaluation Data

Traits other than production

Management	gBV	-0.5 0 0.5 1.0
Adaptability to Milking	0.19	
Shed Temperament	0.19	
Milking Speed	0.07	
Overall Opinion	0.20	
Conformation (98 daughters TOP tested)		
Stature	-0.23	
Capacity	0.09	
Rump Angle	0.21	
Rump Width	-0.22	
Legs	0.10	
Udder Support	0.28	
Front Udder	0.41	
Rear Udder	0.53	
Front Teat Placement	0.09	
Rear Teat Placement	-0.29	
Teat Length	0.23	
Udder Overall	0.47	
Dairy Conformation	0.14	

21/02/2025

Australian Indices

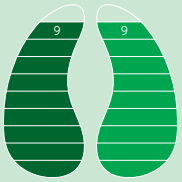
Source: DataGene 03 Dec 2024

BPI/REL %	221/65	Survival	101
ASI	220	Daughter Fertility	105
HWI	149	Liveweight	104
Milk	-42	Overall Type	89
Fat kg	35	Protein kg	21

315045 GLENUI DEGREE HOSS ET

$493/99% gBW REL

HoofPrint®



Breeding Details

NASIS	NZGGLENHOSS
Breed	J16
Pedigree	DEGREE x BOWIE

NEW ZEALAND DETAILS

Daughter Proven

NZ Breeding Values			25561 Daughters
Milk Volume (litres)	-354	Fertility %	7.9
Fat kg	33	Body Condition Score	0.17
Fat %	5.9	Functional Survival %	3.2
Protein kg	12	Cow CD/REL	-2.0/100
Protein %	4.4	Heifer CD/REL	-7.3/98
SCC	-0.49	Gestation Length (days)	3.2
Liveweight	-41	Beta-Casein	A2/A2

NZ Evaluation Data

Traits other than production

Management	gBV	-0.5 0 0.5 1.0
Adaptability to Milking	-0.07	
Shed Temperament	-0.09	
Milking Speed	0.27	
Overall Opinion	0.14	
Conformation (1210 daughters TOP tested)		
Stature	-0.55	
Capacity	0.38	
Rump Angle	0.02	
Rump Width	-0.19	
Legs	0.04	
Udder Support	0.27	
Front Udder	0.33	
Rear Udder	0.59	
Front Teat Placement	0.12	
Rear Teat Placement	-0.28	
Teat Length	-0.14	
Udder Overall	0.49	
Dairy Conformation	0.36	

21/02/2025

Australian Indices

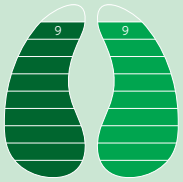
Source: DataGene 03 Dec 2024

BPI/REL %	207/83	Survival	100
ASI	144	Daughter Fertility	104
HWI	162	Liveweight	101
Milk	-589	Overall Type	94
Fat kg	25	Protein kg	7

318035 SHELBY BC LOTTO ET S3J

$456/99% gBW REL

HoofPrint®



Breeding Details

NASIS	NZGLOTTO
Breed	J16
Pedigree	CONRAD x DEGREE

NEW ZEALAND DETAILS

Daughter Proven

NZ Breeding Values			4238 Daughters
Milk Volume (litres)	-196	Fertility %	6.2
Fat kg	35	Body Condition Score	-0.04
Fat %	5.7	Functional Survival %	2.2
Protein kg	21	Cow CD/REL	-1.9/100
Protein %	4.4	Heifer CD/REL	-7.3/97
SCC	-0.02	Gestation Length (days)	1.0
Liveweight	-35	Beta-Casein	A2/A2

NZ Evaluation Data

Traits other than production

Management	gBV	-0.5 0 0.5 1.0
Adaptability to Milking	0.06	
Shed Temperament	0.04	
Milking Speed	0.28	
Overall Opinion	0.11	
Conformation (163 daughters TOP tested)		
Stature	-0.66	
Capacity	0.03	
Rump Angle	-0.67	
Rump Width	0.22	
Legs	0.24	
Udder Support	0.07	
Front Udder	0.27	
Rear Udder	0.08	
Front Teat Placement	0.29	
Rear Teat Placement	-0.03	
Teat Length	0.30	
Udder Overall	0.25	
Dairy Conformation	0.16	

21/02/2025

Australian Indices

Source: DataGene 03 Dec 2024

BPI/REL %	193/69	Survival	100
ASI	209	Daughter Fertility	103
HWI	133	Liveweight	100
Milk	-155	Overall Type	88
Fat kg	27	Protein kg	21

312057 BELLS CM CONRAD S2J

$365/99% gBW REL

HoofPrint®

Breeding Details

NASIS	NZGBELCONRAD
Breed	J15 F1
Pedigree	MARVEL x MINSTREL

NEW ZEALAND DETAILS

Daughter Proven

NZ Breeding Values			27402 Daughters
Milk Volume (litres)	-21	Fertility %	12.7
Fat kg	26	Body Condition Score	0.18
Fat %	5.3	Functional Survival %	1.8
Protein kg	15	Cow CD/REL	-2.0/100
Protein %	4.1	Heifer CD/REL	-8.2/98
SCC	0.40	Gestation Length (days)	-4.9
Liveweight	-2	Beta-Casein	A2/A2

NZ Evaluation Data

Traits other than production

Management	gBV	-0.5 0 0.5 1.0
Adaptability to Milking	0.06	
Shed Temperament	0.05	
Milking Speed	0.10	
Overall Opinion	0.09	
Conformation (629 daughters TOP tested)		
Stature	-0.47	
Capacity	0.39	
Rump Angle	-0.42	
Rump Width	-0.12	
Legs	0.04	
Udder Support	0.03	
Front Udder	0.27	
Rear Udder	0.36	
Front Teat Placement	-0.05	
Rear Teat Placement	-0.15	
Teat Length	-0.06	
Udder Overall	0.19	
Dairy Conformation	0.32	

21/02/2025

Australian Indices

Source: DataGene 03 Dec 2024

BPI/REL %	145/69	Survival	99
ASI	210	Daughter Fertility	105
HWI	84	Liveweight	104
Milk	171	Overall Type	89
Fat kg	32	Protein kg	23

2025

KiwiCross®

For updated bull information after each AE run, scan the QR code

All Bulls

Page Number	NZ AB Code	Bull Name	Price Retail (+GST)	Breed Split	Beta Casein	gBW/Rel	Milk Volume (litres)	Fat kg	Protein kg	Somatic Cell Score	Fertility %	Functional Survival	Heifer Calving Difficulty/Rel	Cow Calving Difficulty/Rel	Gestation Length (days)	Liveweight	Overall Opinion	Stature	Capacity	Udder Overall	Dairy onformation	VMSI
Fast Forward Team™																						
45	523004	PAYNES **SORCERER**-ET	$27	F9 J7	A2/A2	661/59	373	56	37	-0.18	5.8	4.7	-5.1/72	-1.6/80	-6.5	-26	0.70	-0.42	0.39	0.42	0.34	1638
45	524034	SPRING RIVER **HARTMAN**-ET	$27	J9 F7	A2/A2	655/47	-217	60	29	0.26	5.7	6.6	-5.2/33	-0.8/34	-1.8	4	0.36	-0.56	0.80	0.67	0.65	1604
45	524007	PAYNES **SCHEDULE**-ET	$27	F11 J5	A2/A2	650/49	0	63	27	0.13	8.9	3.9	-1.5/25	-1.0/34	-6.3	-1	0.14	-0.16	0.75	0.57	0.53	1623
45	524008	PAYNES **SINCERELY**-ET	$27	F9 J7	A1/A2	632/49	-16	63	31	0.30	6.9	5.4	-2.6/24	-0.1/27	-1.6	25	0.25	0.13	0.92	0.91	0.84	1637
45	524024	TONGATAHA **TRAILBLAZER**	$27	F9 J7	A2/A2	616/48	15	54	40	0.02	4.1	6.6	-3.2/25	0.0/32	0.1	41	0.43	0.40	0.73	1.66	0.93	1719
45	523092	PLATEAU **DEMBE**	$27	F9 J7	A2/A2	599/56	465	65	40	-0.15	3.2	3.4	-2.0/36	-2.3/89	5.7	24	0.20	0.36	0.56	1.24	0.65	1705
45	523022	BUELIN **ORAN**	$27	J9 F7	A2/A2	598/57	284	59	41	-0.07	8.1	3.4	-2.4/73	1.4/87	-1.2	43	0.71	0.58	0.17	0.62	0.39	1653
45	524059	PLATEAU **GRAYSON**-ET	$27	F9 J7	A2/A2	594/55	465	66	42	0.54	9.8	5.0	0.4/30	0.6/37	-2.2	55	0.43	0.51	0.66	1.12	0.74	1694
45	523078	RHANTANA **ZEPPELIN**	$27	F10 J6	A2/A2	559/55	299	52	30	-0.39	8.5	1.5	-5.0/56	-1.7/78	-2.9	11	0.36	-0.05	0.47	0.90	0.43	1573
KiwiCross®																						
49	521005	PAYNES **SUBLIME**-ET	$25	F12 J4	A2/A2	627/87	611	65	50	0.16	3.4	4.3	-0.6/90	0.2/99	-2.8	48	0.15	0.75	0.24	0.98	0.37	1693
47	521072	BALDRICKS **SPECTACULAR** *	$25	F10 J6	A2/A2	587/88	505	63	39	0.22	3.6	4.7	3.0/85	1.1/98	3.0	6	0.31	0.07	0.54	1.24	0.60	1677
50	519034	GORDONS **FLASH-GORDON** *	$25	F8 J8	A1/A2	568/92	955	57	51	0.11	1.7	3.2	1.9/93	0.2/99	4.6	16	0.31	0.25	0.27	0.53	0.43	1589
48	521060	STONY CREEK **NEPTUNE**-ET *	$25	J10 F6	A2/A2	549/92	43	64	22	0.17	5.2	3.4	-4.0/96	-1.2/99	-6.1	15	0.96	-0.33	0.51	1.12	0.48	1605
52	519023	PAYNES **PUBLISHER**-ET	$23	F11 J5	A2/A2	502/98	551	46	47	0.01	3.9	3.6	4.0/87	-0.3/99	-1.1	65	0.49	0.37	0.67	0.49	0.67	1540
54	520091	MARSHALL **PAPAMOA** *	$23	J10 F6	A1/A2	497/94	-157	43	20	-0.25	2.5	3.9	-5.4/75	-0.9/98	0.7	-5	0.35	-0.51	0.49	1.14	0.54	1517
49	521002	PAYNES **MANOEUVRE**-ET	$25	F9 J7	A2/A2	492/90	112	41	31	0.10	2.8	3.5	-1.5/83	-1.0/98	1.8	-7	0.31	-0.26	0.23	0.54	0.18	1504
53	519089	SCHRADERS **TRADER**	$21	F10 J6	A2/A2	482/92	1266	62	49	0.44	0.6	3.3	0.4/83	-1.0/99	-8.8	44	0.24	0.55	1.09	0.06	1.07	1520
60	516066	WALTON **INFERNO** *	$17	F9 J7	A2/A2	480/99	-87	30	22	-0.75	7.2	4.6	-4.6/99	-1.5/100	-6.2	-17	0.32	-0.24	0.30	0.20	0.30	1433
51	520033	DOWSON **HONENUI**-ET *	$23	J9 F7	A2/A2	476/98	-391	50	24	0.55	7.8	4.9	-3.9/95	0.3/98	2.0	48	0.65	0.32	0.72	1.13	0.64	1556
50	519062	ARKANS **BARRIER**	$21	F9 J7	A2/A2	447/98	-62	38	18	-0.03	8.4	4.2	2.0/87	-0.7/99	-1.7	16	0.24	-0.30	0.88	0.64	0.75	1413
55	520068	MORGANS **MALAWI**	$23	F12 J4	A2/A2	447/97	668	59	31	0.41	3.8	5.0	0.3/82	-0.8/99	-1.6	46	0.30	0.25	0.24	0.55	0.36	1489
56	519072	RHANTANA **OUTLOOK**-ET *	$19	F11 J5	A2/A2	436/90	650	36	51	0.47	5.5	2.6	2.7/36	-0.3/95	0.0	64	0.60	0.25	1.16	0.08	1.07	1432
60	518053	PAYNES **PROMINENCE**-ET *	$17	F12 J4	A1/A2	431/98	617	37	36	-0.46	3.5	3.2	1.2/66	0.3/99	-3.9	24	0.32	-0.12	0.51	0.31	0.38	1440
56	519020	PAYNES **PROFESSOR**-ET *	$21	F11 J5	A2/A2	422/90	1277	55	52	0.12	-1.1	4.0	1.8/54	0.9/99	-3.1	82	0.39	0.49	0.99	0.48	1.01	1490
57	518016	HORIZON **ASCOTT** *	$21	F9 J7	A2/A2	414/99	53	29	23	0.16	3.6	3.4	-5.0/99	-1.5/100	-3.2	-15	0.25	-0.50	0.45	0.94	0.35	1434
59	519030	SECRETERRY **SCRIPT**-ET	$19	J9 F7	A1/A2	411/91	521	41	28	-0.21	0.1	2.4	-2.5/42	-0.6/79	-1.6	-13	0.34	-0.15	0.47	0.26	0.58	1403
55	515025	SPEAKES **SLIPSTREAM** ET *	$21	J10 F6	A2/A2	407/99	-56	37	17	0.05	5.9	3.2	-1.5/99	-0.8/100	2.3	-7	0.28	-0.02	0.42	0.78	0.45	1415
59	517001	ARKANS **PATRIARCH**-ET *	$17	F10 J6	A1/A2	403/99	12	30	14	0.05	7.1	3.5	-3.2/96	-1.3/99	-2.1	-26	0.22	-0.38	0.20	0.86	0.34	1384
58	511011	PRIESTS **SIERRA**	$19	F11 J5	A2/A2	402/99	505	45	30	-0.17	5.1	3.5	2.2/99	0.4/100	-4.9	43	0.48	0.47	0.56	0.38	0.59	1436
58	518061	INNOVATION **HOMEBREW** *	$19	F9 J7	A2/A2	377/99	-260	38	14	0.22	4.2	3.9	-0.9/98	-0.7/100	-5.0	42	0.37	-0.04	0.71	0.57	0.64	1349
57	519061	ARKANS **BAILIFF**	$21	F9 J7	A1/A2	360/91	268	27	17	-0.47	11.0	5.0	-0.8/88	-2.0/97	0.9	3	0.58	0.00	0.67	0.35	0.66	1346
53	520058	PAYNES **PASSENGER**-ET	$21	F12 J4	A1/A2	356/89	875	22	37	-0.28	10.7	5.8	-2.3/37	-0.7/74	-6.7	55	0.50	0.61	0.28	1.17	0.49	1440
60	517041	LUCK-AT-LAST **EMPEROR**-ET *	$17	F10 J6	A1/A2	339/92	211	27	23	-0.20	0.9	4.7	-1.1/30	0.5/76	-0.2	24	0.28	-0.14	0.41	1.09	0.61	1389
60	518030	HOWSES **ROCCO** *	$17	F9 J7	A1/A2	268/92	484	9	30	-0.24	0.1	2.2	1.8/48	0.1/84	-5.4	4	0.41	-0.27	0.59	1.01	0.46	1333
KiwiCross® also available																						
	518038	WERDERS **PREMONITION**	$15	F8 J8	A2/A2	480/99	-39	57	23	-0.28	0.5	2.7	-2.1/99	-0.8/100	-5.3	35	0.50	-0.37	0.64	0.60	0.66	1508
	517042	LUCK-AT-LAST **INSPIRED**-ET	$15	F9 J7	A2/A2	463/99	444	45	26	-0.08	0.2	2.5	-0.7/98	-1.2/100	-4.1	-10	0.30	-0.59	0.62	0.67	0.52	1458
	513063	JERSEYDALE **NO2WAYS**	$13	F12 J4	A2/A2	393/92	-83	27	12	-0.31	7.2	1.5	-8.8/56	-2.6/73	-2.8	-64	0.26	-0.47	-0.07	0.11	-0.02	1351
	513098	ARKANS **BOUNTY**	$13	F11 J5	A1/A2	362/99	435	27	29	-0.07	-1.7	2.8	-1.4/98	-0.6/99	2.1	-9	0.27	-0.40	0.69	0.68	0.76	1360
	518017	HORIZON **BARNSTORMER**-ET	$15	F8 J8	A2/A2	320/99	628	40	32	0.00	1.3	3.2	1.2/92	0.3/99	-7.1	53	0.47	0.26	0.92	0.13	0.66	1366
	514014	GREENWELL **BREAKTHROUGH** ET	$13	F13 J3	A2/A2	307/98	374	25	27	-0.03	3.2	2.3	-0.9/87	-0.6/96	-2.7	17	0.61	0.39	0.17	0.55	0.22	1356
	512050	ARKANS **PERSPECTIVE**-ET	$13	F8 J8	A1/A2	286/99	125	26	16	0.14	5.1	0.8	-2.2/99	-0.9/100	-1.4	-3	0.06	-0.18	0.35	0.31	0.38	1273

* Sexed semen is offered for Single AI use only. See page 9 for more information.

21/02/2025

FAST FORWARD Team™

LIC's best available genetics earlier than before, fast-forwarding your herd's genetic gain.

The Fast Forward Team™ uses genomic technology to deliver high genetic merit sires with improved reliability at a younger age. Access the next generation of elite bulls earlier, and use a team approach for a balanced breeding strategy.

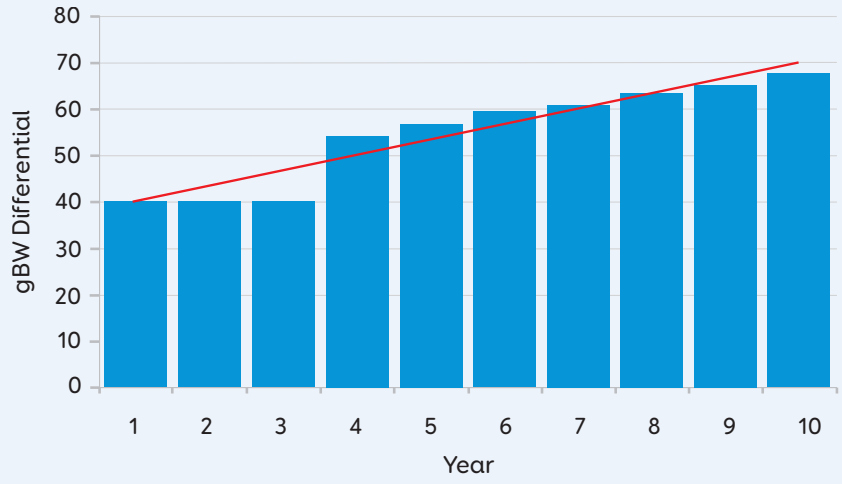
How it works

- A selection of LIC's elite genomic sires make up the Fast Forward Team™
- A team of five to seven sires will be allocated
- The sires are hand-picked by LIC breeding managers to ensure high genetic merit, all-round performance and strong cow families
- An even spread of straws from bulls in the team will be supplied
- Minimum of 50 straws per order
- Available from Spring 2025
- Terms and conditions apply

$23 +GST - Team price per straw

For more information talk to your District Manager.

Predicted difference between gBW of replacements from using Fast Forward Team™ vs Daughter Proven Sires



Through strong investment into research and development, our genomic sires consistently deliver higher rates of genetic gain.

As a result, the gap between genomic and daughter proven sires is widening, and the variation within the genomic group is decreasing, therefore, providing farmers with greater confidence.

PAYNES **SORCERER**-ET

SPRING RIVER **HARTMAN**-ET

PAYNES **SCHEDULE**-ET

PAYNES **SINCERELY**-ET

TONGATAHA **TRAILBLAZER**

PLATEAU **DEMBE**

BUELIN **ORAN**

PLATEAU **GRAYSON**-ET

RHANTANA **ZEPPELIN**

Genomic Breeding Values

NZ AB Code	Bull Name	Breed 16th	Beta Casein	gBW	Reliability	Fat kg	Fat %	Protein kg	Protein %	Milk Volume (litres)	Liveweight	Fertility %	Functional Survival	Somatic Cell Score	Body Condition Score	Heifer Calving Difficulty/Rel	Cow Calving Difficulty/Rel	Gestation Length (days)
523004	PAYNES **SORCERER**-ET	F9 J7	A2/A2	661	59	56	5.5	37	4.2	373	-26	5.8	4.7	-0.18	0.12	-5.1/72	-1.6/80	-6.5
524034	SPRING RIVER **HARTMAN**-ET	J9 F7	A2/A2	655	47	60	6.3	29	4.6	-217	4	5.7	6.6	0.26	0.28	-5.2/33	-0.8/34	-1.8
524007	PAYNES **SCHEDULE**-ET	F11 J5	A2/A2	650	49	63	6.1	27	4.4	0	-1	8.9	3.9	0.13	0.17	-1.5/25	-1.0/34	-6.3
524008	PAYNES **SINCERELY**-ET	F9 J7	A1/A2	632	49	63	6.1	31	4.5	-16	25	6.9	5.4	0.30	0.27	-2.6/24	-0.1/27	-1.6
524024	TONGATAHA **TRAILBLAZER**	F9 J7	A2/A2	616	48	54	5.9	40	4.7	15	41	4.1	6.6	0.02	0.28	-3.2/25	0.0/32	0.1
523092	PLATEAU **DEMBE**	F9 J7	A2/A2	599	56	65	5.6	40	4.2	465	24	3.2	3.4	-0.15	0.04	-2.0/36	-2.3/89	5.7
523022	BUELIN **ORAN**	J9 F7	A2/A2	598	57	59	5.7	41	4.4	284	43	8.1	3.4	-0.07	0.07	-2.4/73	1.4/87	-1.2
524059	PLATEAU **GRAYSON**-ET	F9 J7	A2/A2	594	55	66	5.6	42	4.3	465	55	9.8	5.0	0.54	0.07	0.4/30	0.6/37	-2.2
523078	RHANTANA **ZEPPELIN**	F10 J6	A2/A2	559	55	52	5.5	30	4.2	299	11	8.5	1.5	-0.39	0.09	-5.0/56	-1.7/78	-2.9
	Team Average			**618**	**95**	**60**	**5.8**	**35**	**4.4**	**185**	**20**	**6.8**	**4.5**	**0.05**	**0.15**	**-2.5**	**-0.1**	**-1.9**

21/02/2025

Traits other than production

NZ AB Code	Name	Adaptability to Milking	Shed Temperament	Milking Speed	Overall Opinion	Stature	Capacity	Rump Angle	Rump Width	Legs	Udder Support	Front Udder	Rear Udder	Front Teat Placement	Rear Teat Placement	Teat Length	Udder Overall	Dairy Conformation
523004	PAYNES **SORCERER**-ET	0.67	0.68	0.35	0.70	-0.42	0.39	0.28	0.24	0.28	0.65	0.32	0.45	-0.06	0.66	-0.15	0.42	0.34
524034	SPRING RIVER **HARTMAN**-ET	0.24	0.24	0.24	0.36	-0.56	0.80	0.23	-0.04	0.12	0.51	0.51	0.78	0.14	0.06	-0.49	0.67	0.65
524007	PAYNES **SCHEDULE**-ET	0.03	0.02	0.14	0.14	-0.16	0.75	0.11	0.05	0.23	0.61	0.77	0.35	0.16	0.47	-0.40	0.57	0.53
524008	PAYNES **SINCERELY**-ET	0.13	0.12	0.13	0.25	0.13	0.92	0.12	0.02	0.09	0.86	1.12	0.75	0.27	0.74	-0.99	0.91	0.84
524024	TONGATAHA **TRAILBLAZER**	0.32	0.32	0.18	0.43	0.40	0.73	-0.06	0.61	-0.03	1.58	1.39	1.25	0.82	1.27	-1.07	1.66	0.93
523092	PLATEAU **DEMBE**	0.11	0.10	0.18	0.20	0.36	0.56	-0.17	0.24	0.13	1.20	0.96	1.18	0.35	0.75	-0.50	1.24	0.65
523022	BUELIN **ORAN**	0.48	0.48	0.28	0.71	0.58	0.17	-0.07	0.29	-0.10	0.72	0.33	0.66	0.06	0.37	0.45	0.62	0.39
524059	PLATEAU **GRAYSON**-ET	0.42	0.41	0.56	0.43	0.51	0.66	0.06	0.62	0.03	0.98	1.01	0.86	0.49	0.47	0.01	1.12	0.74
523078	RHANTANA **ZEPPELIN**	0.33	0.35	-0.27	0.36	-0.05	0.47	0.39	0.49	0.18	0.75	0.77	0.87	0.34	0.51	-0.32	0.90	0.43
	Team Average	**0.30**	**0.30**	**0.20**	**0.40**	**0.09**	**0.61**	**0.10**	**0.28**	**0.10**	**0.87**	**0.80**	**0.79**	**0.28**	**0.59**	**-0.38**	**0.90**	**0.61**

21/02/2025

Weighted Team Averages

Management	-0.5	0	0.5	1
Adapts to Milking	**0.30**			quickly
Shed Temperament	**0.30**			placid
Milking Speed	**0.20**			fast
Overall Opinion	**0.40**			desirable

Conformation	-0.5	0	0.5	1
Stature	**0.09**			tall
Capacity	**0.61**			capacious
Rump Angle	**0.10**			sloping
Rump Width	**0.28**			wide
Legs	**0.10**			curved
Udder Support	**0.87**			strong
Front Udder	**0.80**			strong
Rear Udder	**0.79**			high
Front Teat Placement	**0.28**			close
Rear Teat Placement	**0.59**			close
Teat Length	**-0.38**			long
Udder Overall	**0.90**			desirable
Dairy Conformation	**0.61**			desirable

gBW/Rel%	$618/53%
Milkfat	**60 kgs**
Protein	**35 kgs**
Milk	**185 litres**
Liveweight	**20 kgs**
Functional Survival	**4.5%**
Milkfat %	**5.8%**
Protein %	**4.4%**
Heifer Calving Dif	**-2.5%**
Cow Calving Dif	**-0.1%**
Fertility	**6.8%**
SCC	**0.05**
BCS	**0.15**

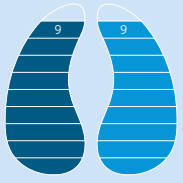
NB: the reliability of a team of bulls is always higher than using just one bull.

21/02/2025

HoofPrint®

Methane Efficiency

Nitrogen Efficiency



KiwiCross®

Top 5 Performers

Breeding Worth

NZ Herd Average
NZ$326

NZ AB Code	Name	gBW/Rel%	Page
523004	PAYNES **SORCERER**-ET	661/59	45
524034	SPRING RIVER **HARTMAN**-ET	655/47	45
524007	PAYNES **SCHEDULE**-ET	650/49	45
524008	PAYNES **SINCERELY**-ET	632/49	45
521005	PAYNES **SUBLIME**-ET	627/87	49

BPI

NZ AB Code	Name	BPI/Rel%	Page
520058	PAYNES **PASSENGER**-ET	348/65	53
518053	HOWSES **ROCCO** *	343/68	60
519034	SECRETERRY **SCRIPT**-ET	328/58	59
521060	STONY CREEK **NEPTUNE**-ET	319/50	48
520033	DOWSON **HONENUI**-ET *	309/60	51

Protein

NZ Herd Average
25 kg/4.1%

NZ AB Code	Name	Protein (kg/%)	Page
519020	PAYNES **PROFESSOR**-ET *	52/3.9	56
519072	RHANTANA **OUTLOOK**-ET *	51/4.3	56
519034	GORDONS **FLASH-GORDON** *	51/4.1	50
521005	PAYNES **SUBLIME**-ET	50/4.3	49
519089	SCHRADERS **TRADER**	49/3.8	53

Fat

NZ Herd Average
30 kg/5.1%

NZ AB Code	Name	Fat (kg/%)	Page
524059	PLATEAU **GRAYSON**-ET	66/5.6	45
523092	PLATEAU **DEMBE**	65/5.6	45
521005	PAYNES **SUBLIME**-ET	65/5.4	49
521060	STONY CREEK **NEPTUNE**-ET *	64/6.1	48
524008	PAYNES **SINCERELY**-ET	63/6.1	45

Fertility

NZ Herd Average
1.4%

NZ AB Code	Name	Fertility (%)	Page
519061	ARKANS **BAILIFF**	11.0	57
520058	PAYNES **PASSENGER**-ET	10.7	53
524059	PLATEAU **GRAYSON**-ET	9.8	45
524007	PAYNES **SCHEDULE**-ET	8.9	45
523078	RHANTANA **ZEPPELIN**	8.5	45

Milk Volume

NZ Herd Average
307 litres

NZ AB Code	Name	Volume (l)	Page
519020	PAYNES **PROFESSOR**-ET *	1277	56
519089	SCHRADERS **TRADER**	1266	53
519034	GORDONS **FLASH-GORDON** *	955	50
520058	PAYNES **PASSENGER**-ET	875	53
520068	MORGANS **MALAWI**	668	55

SCC

NZ Herd Average
0.05

NZ AB Code	Name	SCC	Page
516066	WALTON **INFERNO** *	-0.75	60
519061	ARKANS **BAILIFF**	-0.47	57
518053	PAYNES **PROMINENCE**-ET *	-0.46	60
523078	RHANTANA **ZEPPELIN**	-0.39	45
513063	JERSEYDALE **NO2WAYS**	-0.31	43

Capacity

NZ Herd Average
0.40

NZ AB Code	Name	Capacity	Page
519072	RHANTANA **OUTLOOK**-ET *	1.16	56
519089	SCHRADERS **TRADER**	1.09	53
519020	PAYNES **PROFESSOR**-ET *	0.99	56
524008	PAYNES **SINCERELY**-ET	0.92	45
518017	HORIZON **BARNSTORMER**-ET	0.92	43

Udder Overall

NZ Herd Average
0.35

NZ AB Code	Name	Udder Overall	Page
524024	TONGATAHA **TRAILBLAZER**	1.66	45
521072	BALDRICKS **SPECTACULAR** *	1.24	47
523092	PLATEAU **DEMBE**	1.24	45
520058	PAYNES **PASSENGER**-ET	1.17	53
520091	MARSHALL **PAPAMOA** *	1.14	54

Liveweight

NZ Herd Average
6 kg

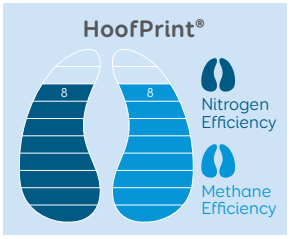
NZ AB Code	Name	Liveweight	Page
519020	PAYNES **PROFESSOR**-ET *	82	56
519023	PAYNES **PUBLISHER**-ET	65	52
519072	RHANTANA **OUTLOOK**-ET *	64	56
524059	PLATEAU **GRAYSON**-ET	55	45
520058	PAYNES **PASSENGER**-ET	55	53

* Sexed semen is offered for Single AI use only. See page 9 for more information.

Source: DataGene 03/12/2024 21/02/2025

521072 BALDRICKS SPECTACULAR

$587/88% gBW REL



Breeding Details

NASIS	NZGSPECTACLR
Breed	F10 J6
Pedigree	FLASH-GORDON x BEAMER

NEW ZEALAND DETAILS

Daughter Proven

NZ Breeding Values			110 Daughters
Milk Volume (litres)	505	Fertility %	3.6
Fat kg	63	Body Condition Score	-0.01
Fat %	5.5	Functional Survival %	4.7
Protein kg	39	Cow CD/REL	1.1/98
Protein %	4.2	Heifer CD/REL	3.0/85
SCC	0.22	Gestation Length (days)	3.0
Liveweight	6	Beta-Casein	A2/A2

NZ Evaluation Data

Traits other than production

Management	gBV	-0.5	0	0.5	1.0
Adaptability to Milking	0.28				
Shed Temperament	0.27				
Milking Speed	0.34				
Overall Opinion	0.31				
Conformation (94 daughters TOP tested)					
Stature	0.07				
Capacity	0.54				
Rump Angle	-0.06				
Rump Width	0.64				
Legs	-0.07				
Udder Support	1.14				
Front Udder	1.12				
Rear Udder	1.30				
Front Teat Placement	0.23				
Rear Teat Placement	0.67				
Teat Length	-0.32				
Udder Overall	1.24				
Dairy Conformation	0.60				

21/02/2025


Daughter of 521072 SPECTACULAR


Daughter of 521072 SPECTACULAR

Australian Indices

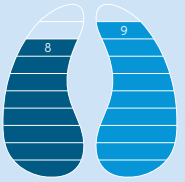
Source: DataGene 03 Dec 2024

BPI/REL %	289/46	Survival	96
ASI	251	Daughter Fertility	110
HWI	306	Calving Ease	0
Milk	-361	Overall Type	96
Fat kg	45	Protein kg	19

521060 STONY CREEK NEPTUNE-ET

$549/92% gBW REL

HoofPrint®



Nitrogen Efficiency

Methane Efficiency

Breeding Details

NASIS	NZGNEPTUNE
Breed	J10 F6
Pedigree	PREMONITION x TERRIFIC

NEW ZEALAND DETAILS

Daughter Proven

NZ Breeding Values			254 Daughters
Milk Volume (litres)	43	Fertility %	5.2
Fat kg	64	Body Condition Score	0.09
Fat %	6.1	Functional Survival %	3.4
Protein kg	22	Cow CD/REL	-1.2/99
Protein %	4.2	Heifer CD/REL	-4.0/96
SCC	0.17	Gestation Length (days)	-6.1
Liveweight	15	Beta-Casein	A2/A2

NZ Evaluation Data

Traits other than production

Management	gBV	-0.5 0 0.5 1.0
Adaptability to Milking	0.97	
Shed Temperament	0.99	
Milking Speed	0.46	
Overall Opinion	0.96	
Conformation (118 daughters TOP tested)		
Stature	-0.33	
Capacity	0.51	
Rump Angle	-0.14	
Rump Width	-0.20	
Legs	0.19	
Udder Support	1.05	
Front Udder	1.14	
Rear Udder	0.95	
Front Teat Placement	0.45	
Rear Teat Placement	1.08	
Teat Length	-0.48	
Udder Overall	1.12	
Dairy Conformation	0.48	

21/02/2025

Daughter of 521060 NEPTUNE

Half Sister of 521060 NEPTUNE

Australian Indices

Source: DataGene 03 Dec 2024

BPI/REL %	319/50	Survival	103
ASI	287	Daughter Fertility	100
HWI	194	Calving Ease	0
Milk	345	Overall Type	98
Fat kg	62	Protein kg	28

521005 PAYNES SUBLIME-ET

$627/87% gBW REL

HoofPrint®

Breeding Details

NASIS	NZGSUBLIME
Breed	F12 J4
Pedigree	AZURE x PINNACLE

NEW ZEALAND DETAILS

Daughter Proven

NZ Breeding Values			103 Daughters
Milk Volume (litres)	611	Fertility %	3.4
Fat kg	65	Body Condition Score	0.10
Fat %	5.4	Functional Survival %	4.3
Protein kg	50	Cow CD/REL	0.2/99
Protein %	4.3	Heifer CD/REL	-0.6/90
SCC	0.16	Gestation Length (days)	-2.8
Liveweight	48	Beta-Casein	A2/A2

NZ Evaluation Data

Traits other than production

Management	gBV	-0.5 0 0.5 1.0
Adaptability to Milking	0.02	
Shed Temperament	0.01	
Milking Speed	0.12	
Overall Opinion	0.15	
Conformation (80 daughters TOP tested)		
Stature	0.75	
Capacity	0.24	
Rump Angle	0.02	
Rump Width	0.67	
Legs	-0.08	
Udder Support	0.82	
Front Udder	0.97	
Rear Udder	0.56	
Front Teat Placement	0.57	
Rear Teat Placement	0.37	
Teat Length	-0.94	
Udder Overall	0.98	
Dairy Conformation	0.37	

21/02/2025

Australian Indices

Source: DataGene 03 Dec 2024

BPI/REL %	309/48	Survival	97
ASI	281	Daughter Fertility	109
HWI	292	Calving Ease	0
Milk	-470	Overall Type	93
Fat kg	44	Protein kg	22

521002 PAYNES MANOEUVRE-ET

$492/90% gBW REL

HoofPrint®

Breeding Details

NASIS	NZGMANOEUVRE
Breed	F9 J7
Pedigree	PRESTIGE x BOUNTY

NEW ZEALAND DETAILS

Daughter Proven

NZ Breeding Values			180 Daughters
Milk Volume (litres)	112	Fertility %	2.8
Fat kg	41	Body Condition Score	0.07
Fat %	5.5	Functional Survival %	3.5
Protein kg	31	Cow CD/REL	-1.0/98
Protein %	4.4	Heifer CD/REL	-1.5/83
SCC	0.10	Gestation Length (days)	1.8
Liveweight	-7	Beta-Casein	A2/A2

NZ Evaluation Data

Traits other than production

Management	gBV	-0.5 0 0.5 1.0
Adaptability to Milking	0.23	
Shed Temperament	0.24	
Milking Speed	-0.01	
Overall Opinion	0.31	
Conformation (129 daughters TOP tested)		
Stature	-0.26	
Capacity	0.23	
Rump Angle	-0.29	
Rump Width	-0.13	
Legs	0.07	
Udder Support	0.68	
Front Udder	0.50	
Rear Udder	0.50	
Front Teat Placement	0.18	
Rear Teat Placement	1.05	
Teat Length	0.14	
Udder Overall	0.54	
Dairy Conformation	0.18	

21/02/2025

Australian Indices

Source: DataGene 03 Dec 2024

BPI/REL %	214/51	Survival	96
ASI	189	Daughter Fertility	110
HWI	248	Calving Ease	0
Milk	-977	Overall Type	85
Fat kg	23	Protein kg	9

519034 GORDONS FLASH-GORDON

519062 ARKANS BARRIER

$568/92% gBW REL

$447/98% gBW REL

HoofPrint®

Nitrogen Efficiency

Methane Efficiency

HoofPrint®

Nitrogen Efficiency

Methane Efficiency

Breeding Details

NASIS	NZGGORDON
Breed	F8 J8
Pedigree	WINSTON x INCA

Breeding Details

NASIS	NZGBARRIER
Breed	F9 J7
Pedigree	PATRIARCH x KING

NEW ZEALAND DETAILS — Daughter Proven

NZ Breeding Values			143 Daughters
Milk Volume (litres)	955	Fertility %	1.7
Fat kg	57	Body Condition Score	0.07
Fat %	4.9	Functional Survival %	3.2
Protein kg	51	Cow CD/REL	0.2/99
Protein %	4.1	Heifer CD/REL	1.9/93
SCC	0.11	Gestation Length (days)	4.6
Liveweight	16	Beta-Casein	A1/A2

NEW ZEALAND DETAILS — Daughter Proven

NZ Breeding Values			4554 Daughters
Milk Volume (litres)	-62	Fertility %	8.4
Fat kg	38	Body Condition Score	0.28
Fat %	5.6	Functional Survival %	4.2
Protein kg	18	Cow CD/REL	-0.8/99
Protein %	4.2	Heifer CD/REL	0.3/82
SCC	-0.03	Gestation Length (days)	-1.7
Liveweight	16	Beta-Casein	A2/A2

NZ Evaluation Data — Traits other than production

Management	gBV	-0.5 0 0.5 1.0
Adaptability to Milking	0.17	
Shed Temperament	0.17	
Milking Speed	0.06	
Overall Opinion	0.31	
Conformation (88 daughters TOP tested)		
Stature	0.25	
Capacity	0.27	
Rump Angle	-0.11	
Rump Width	-0.06	
Legs	-0.08	
Udder Support	0.44	
Front Udder	0.42	
Rear Udder	0.92	
Front Teat Placement	-0.28	
Rear Teat Placement	-0.26	
Teat Length	-0.14	
Udder Overall	0.53	
Dairy Conformation	0.43	

21/02/2025

NZ Evaluation Data — Traits other than production

Management	gBV	-0.5 0 0.5 1.0
Adaptability to Milking	0.22	
Shed Temperament	0.23	
Milking Speed	-0.09	
Overall Opinion	0.24	
Conformation (110 daughters TOP tested)		
Stature	-0.30	
Capacity	0.88	
Rump Angle	-0.18	
Rump Width	-0.11	
Legs	-0.04	
Udder Support	0.57	
Front Udder	0.61	
Rear Udder	0.75	
Front Teat Placement	0.04	
Rear Teat Placement	0.27	
Teat Length	-0.60	
Udder Overall	0.64	
Dairy Conformation	0.75	

21/02/2025

Australian Indices — Source: DataGene 03 Dec 2024

BPI/REL %	203/62	Survival	97
ASI	79	Daughter Fertility	119
HWI	331	Calving Ease	104
Milk	-1321	Overall Type	84
Fat kg	14	Protein kg	-9

Australian Indices — Source: DataGene 03 Dec 2024

BPI/REL %	253/65	Survival	98
ASI	255	Daughter Fertility	116
HWI	287	Calving Ease	103
Milk	-576	Overall Type	88
Fat kg	22	Protein kg	24

520033 DOWSON HONENUI-ET

$476/98%
gBW REL

HoofPrint®
Nitrogen Efficiency
Methane Efficiency

Breeding Details

NASIS	NZGHONENUI
Breed	J9 F7
Pedigree	BLACKHAWK x TRUMPET

NEW ZEALAND DETAILS

Daughter Proven

NZ Breeding Values		5433 Daughters	
Milk Volume (litres)	-391	Fertility %	7.8
Fat kg	50	Body Condition Score	0.12
Fat %	6.4	Functional Survival %	4.9
Protein kg	24	Cow CD/REL	0.3/98
Protein %	4.7	Heifer CD/REL	-3.9/95
SCC	0.55	Gestation Length (days)	2.0
Liveweight	48	Beta-Casein	A2/A2

NZ Evaluation Data

Traits other than production

Management	gBV	-0.5 0 0.5 1.0
Adaptability to Milking	0.62	
Shed Temperament	0.64	
Milking Speed	0.18	
Overall Opinion	0.65	
Conformation (171 daughters TOP tested)		
Stature	0.32	
Capacity	0.72	
Rump Angle	0.40	
Rump Width	-0.13	
Legs	0.14	
Udder Support	1.02	
Front Udder	1.06	
Rear Udder	0.75	
Front Teat Placement	0.64	
Rear Teat Placement	0.89	
Teat Length	-0.12	
Udder Overall	1.13	
Dairy Conformation	0.64	

21/02/2025


Daughter of 520033 HONENUI


Daughter of 520033 HONENUI

Australian Indices

Source: DataGene 03 Dec 2024

BPI/REL %	309/60	Survival	104
ASI	294	Daughter Fertility	104
HWI	169	Calving Ease	0
Milk	-103	Overall Type	98
Fat kg	46	Protein kg	28

RETAIL $23.00 +GST

519023 PAYNES PUBLISHER-ET

$502/98%
gBW REL

HoofPrint®

Nitrogen Efficiency

Methane Efficiency

Breeding Details

NASIS	NZGPUBLISHER
Breed	F11 J5
Pedigree	BOULEVARD x HOTHOUSE

NEW ZEALAND DETAILS

Daughter Proven

NZ Breeding Values		3021 Daughters	
Milk Volume (litres)	551	Fertility %	3.9
Fat kg	46	Body Condition Score	0.20
Fat %	5.1	Functional Survival %	3.6
Protein kg	47	Cow CD/REL	-0.3/99
Protein %	4.3	Heifer CD/REL	4.0/87
SCC	0.01	Gestation Length (days)	-1.1
Liveweight	65	Beta-Casein	A2/A2

NZ Evaluation Data

Traits other than production

Management	gBV	-0.5 0 0.5 1.0
Adaptability to Milking	0.27	
Shed Temperament	0.27	
Milking Speed	0.12	
Overall Opinion	0.49	
Conformation (105 daughters TOP tested)		
Stature	0.37	
Capacity	0.67	
Rump Angle	0.09	
Rump Width	0.50	
Legs	-0.04	
Udder Support	0.53	
Front Udder	0.32	
Rear Udder	0.68	
Front Teat Placement	-0.19	
Rear Teat Placement	-0.07	
Teat Length	-0.39	
Udder Overall	0.49	
Dairy Conformation	0.67	

21/02/2025

Daughter of 519023 PUBLISHER

Daughter of 519023 PUBLISHER

Australian Indices

Source: DataGene 03 Dec 2024

BPI/REL %	207/58	Survival	98
ASI	215	Daughter Fertility	100
HWI	100	Calving Ease	0
Milk	861	Overall Type	93
Fat kg	34	Protein kg	32

520058 PAYNES PASSENGER-ET

$356/89% gBW REL

HoofPrint®

Nitrogen Efficiency

Methane Efficiency

Breeding Details

NASIS	NZGPASSENGER
Breed	F12 J4
Pedigree	BLACKHAWK x TECHNICIAN

NEW ZEALAND DETAILS

Daughter Proven

NZ Breeding Values			102 Daughters
Milk Volume (litres)	875	Fertility %	10.7
Fat kg	22	Body Condition Score	0.21
Fat %	4.4	Functional Survival %	5.8
Protein kg	37	Cow CD/REL	-0.7/74
Protein %	3.9	Heifer CD/REL	-2.3/37
SCC	-0.28	Gestation Length (days)	-6.7
Liveweight	55	Beta-Casein	A1/A2

NZ Evaluation Data

Traits other than production

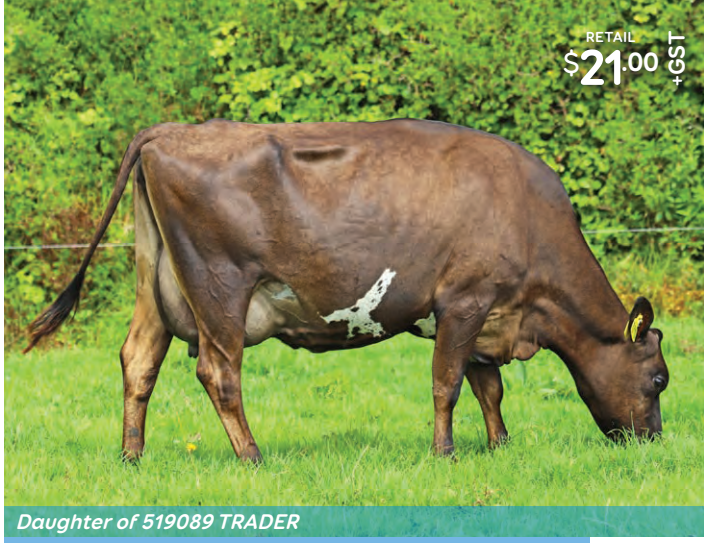
Management	gBV	-0.5	0	0.5	1.0
Adaptability to Milking	0.45				
Shed Temperament	0.46				
Milking Speed	0.29				
Overall Opinion	0.50				
Conformation (90 daughters TOP tested)					
Stature	0.61				
Capacity	0.28				
Rump Angle	0.30				
Rump Width	0.41				
Legs	0.06				
Udder Support	1.03				
Front Udder	0.92				
Rear Udder	0.84				
Front Teat Placement	0.65				
Rear Teat Placement	0.69				
Teat Length	-0.88				
Udder Overall	1.17				
Dairy Conformation	0.49				

21/02/2025

Australian Indices

Source: DataGene 03 Dec 2024

BPI/REL %	348/65	Survival	99
ASI	172	Daughter Fertility	121
HWI	461	Calving Ease	103
Milk	-456	Overall Type	91
Fat kg	16	Protein kg	15



Daughter of 519089 TRADER

519089 SCHRADERS TRADER

$482/92% gBW REL

HoofPrint®

Nitrogen Efficiency

Methane Efficiency

Breeding Details

NASIS	NZGTRADER
Breed	F10 J6
Pedigree	SILVER LINING x ATHLETE

NEW ZEALAND DETAILS

Daughter Proven

NZ Breeding Values			188 Daughters
Milk Volume (litres)	1266	Fertility %	0.6
Fat kg	62	Body Condition Score	0.11
Fat %	4.8	Functional Survival %	3.3
Protein kg	49	Cow CD/REL	-1.0/99
Protein %	3.8	Heifer CD/REL	0.4/83
SCC	0.44	Gestation Length (days)	-8.8
Liveweight	44	Beta-Casein	A2/A2

NZ Evaluation Data

Traits other than production

Management	gBV	-0.5	0	0.5	1.0
Adaptability to Milking	0.06				
Shed Temperament	0.03				
Milking Speed	0.50				
Overall Opinion	0.24				
Conformation (72 daughters TOP tested)					
Stature	0.55				
Capacity	1.09				
Rump Angle	0.23				
Rump Width	0.11				
Legs	0.00				
Udder Support	0.17				
Front Udder	-0.13				
Rear Udder	0.12				
Front Teat Placement	0.03				
Rear Teat Placement	0.47				
Teat Length	0.25				
Udder Overall	0.06				
Dairy Conformation	1.07				

21/02/2025

Australian Indices

Source: DataGene 03 Dec 2024

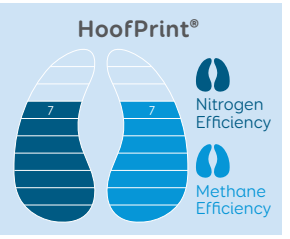
BPI/REL %	268/67	Survival	100
ASI	146	Daughter Fertility	116
HWI	364	Calving Ease	105
Milk	-1062	Overall Type	95
Fat kg	26	Protein kg	1

520091 MARSHALL PAPAMOA

$497/94% gBW REL

Breeding Details

NASIS	NZGPAPAMOA
Breed	J10 F6
Pedigree	FLOYD x PULSE



NEW ZEALAND DETAILS

Daughter Proven

NZ Breeding Values — 441 Daughters

Milk Volume (litres)	-157	Fertility %	2.5
Fat kg	43	Body Condition Score	0.20
Fat %	5.9	Functional Survival %	3.9
Protein kg	20	Cow CD/REL	-0.9/98
Protein %	4.4	Heifer CD/REL	-5.4/75
SCC	-0.25	Gestation Length (days)	0.7
Liveweight	-5	Beta-Casein	A1/A2

NZ Evaluation Data — Traits other than production

Management	gBV	-0.5	0	0.5	1.0
Adaptability to Milking	0.29				
Shed Temperament	0.29				
Milking Speed	0.18				
Overall Opinion	0.35				
Conformation (112 daughters TOP tested)					
Stature	-0.51				
Capacity	0.49				
Rump Angle	0.09				
Rump Width	0.27				
Legs	0.06				
Udder Support	1.03				
Front Udder	0.94				
Rear Udder	1.17				
Front Teat Placement	0.27				
Rear Teat Placement	0.54				
Teat Length	-0.46				
Udder Overall	1.14				
Dairy Conformation	0.54				

21/02/2025


Daughter of 520091 PAPAMOA


Daughter of 520091 PAPAMOA

Australian Indices

Source: DataGene 03 Dec 2024

BPI/REL %	253/61	Survival	101
ASI	230	Daughter Fertility	99
HWI	151	Calving Ease	0
Milk	113	Overall Type	97
Fat kg	36	Protein kg	24

520068 MORGANS MALAWI

$447/97% gBW REL

HoofPrint®

Breeding Details

NASIS	NZGMALAWI
Breed	F12 J4
Pedigree	TRIUMPHANT x BULLION

NEW ZEALAND DETAILS

Daughter Proven

NZ Breeding Values			2406 Daughters
Milk Volume (litres)	668	Fertility %	3.8
Fat kg	59	Body Condition Score	0.15
Fat %	5.3	Functional Survival %	5.0
Protein kg	31	Cow CD/REL	-0.7/99
Protein %	3.9	Heifer CD/REL	2.0/87
SCC	0.41	Gestation Length (days)	-1.6
Liveweight	46	Beta-Casein	A2/A2

NZ Evaluation Data

Traits other than production

Management	gBV	-0.5 0 0.5 1.0
Adaptability to Milking	0.10	
Shed Temperament	0.09	
Milking Speed	0.17	
Overall Opinion	0.30	
Conformation (97 daughters TOP tested)		
Stature	0.25	
Capacity	0.24	
Rump Angle	0.17	
Rump Width	-0.07	
Legs	-0.02	
Udder Support	0.59	
Front Udder	0.06	
Rear Udder	0.55	
Front Teat Placement	0.37	
Rear Teat Placement	0.88	
Teat Length	0.14	
Udder Overall	0.55	
Dairy Conformation	0.36	

21/02/2025

Australian Indices

Source: DataGene 03 Dec 2024

BPI/REL %	203/67	Survival	100
ASI	165	Daughter Fertility	115
HWI	263	Calving Ease	104
Milk	-678	Overall Type	85
Fat kg	37	Protein kg	5

515025 SPEAKES SLIPSTREAM ET

$407/99% gBW REL

HoofPrint®

Breeding Details

NASIS	NZGSLIPSTREM
Breed	J10 F6
Pedigree	MANZELLO x MINT-EDITION

NEW ZEALAND DETAILS

Daughter Proven

NZ Breeding Values			42450 Daughters
Milk Volume (litres)	-56	Fertility %	5.9
Fat kg	37	Body Condition Score	0.08
Fat %	5.6	Functional Survival %	3.2
Protein kg	17	Cow CD/REL	-0.8/100
Protein %	4.2	Heifer CD/REL	-1.5/99
SCC	0.05	Gestation Length (days)	2.3
Liveweight	-7	Beta-Casein	A2/A2

NZ Evaluation Data

Traits other than production

Management	gBV	-0.5 0 0.5 1.0
Adaptability to Milking	0.33	
Shed Temperament	0.33	
Milking Speed	0.26	
Overall Opinion	0.28	
Conformation (356 daughters TOP tested)		
Stature	-0.02	
Capacity	0.42	
Rump Angle	0.10	
Rump Width	0.33	
Legs	-0.09	
Udder Support	0.63	
Front Udder	0.50	
Rear Udder	0.96	
Front Teat Placement	0.20	
Rear Teat Placement	0.35	
Teat Length	0.15	
Udder Overall	0.78	
Dairy Conformation	0.45	

21/02/2025

Australian Indices

Source: DataGene 03 Dec 2024

BPI/REL %	174/80	Survival	102
ASI	133	Daughter Fertility	102
HWI	96	Calving Ease	0
Milk	-401	Overall Type	98
Fat kg	25	Protein kg	7

519072 RHANTANA OUTLOOK-ET

$436/90% gBW REL

HoofPrint®

Breeding Details

NASIS	NZGOUTLOOK
Breed	F11 J5
Pedigree	BOULEVARD x DAREDEVIL

NEW ZEALAND DETAILS

Daughter Proven

NZ Breeding Values			85 Daughters
Milk Volume (litres)	650	Fertility %	5.5
Fat kg	36	Body Condition Score	0.29
Fat %	4.8	Functional Survival %	2.6
Protein kg	51	Cow CD/REL	-0.3/95
Protein %	4.3	Heifer CD/REL	2.7/36
SCC	0.47	Gestation Length (days)	0.0
Liveweight	64	Beta-Casein	A2/A2

NZ Evaluation Data

Traits other than production

Management	gBV	-0.5 0 0.5 1.0
Adaptability to Milking	0.54	
Shed Temperament	0.55	
Milking Speed	0.22	
Overall Opinion	0.60	
Conformation (79 daughters TOP tested)		
Stature	0.25	
Capacity	1.16	
Rump Angle	0.00	
Rump Width	0.91	
Legs	0.08	
Udder Support	-0.01	
Front Udder	0.13	
Rear Udder	0.43	
Front Teat Placement	-0.35	
Rear Teat Placement	-0.47	
Teat Length	-0.03	
Udder Overall	0.08	
Dairy Conformation	1.07	

21/02/2025

Australian Indices

Source: DataGene 03 Dec 2024

BPI/REL %	206/65	Survival	96
ASI	238	Daughter Fertility	113
HWI	222	Calving Ease	103
Milk	58	Overall Type	87
Fat kg	39	Protein kg	24

519020 PAYNES PROFESSOR-ET

$422/90% gBW REL

HoofPrint®

Breeding Details

NASIS	NZGPROFESSOR
Breed	F11 J5
Pedigree	BOULEVARD x HOTHOUSE

NEW ZEALAND DETAILS

Daughter Proven

NZ Breeding Values			93 Daughters
Milk Volume (litres)	1277	Fertility %	-1.1
Fat kg	55	Body Condition Score	0.09
Fat %	4.6	Functional Survival %	4.0
Protein kg	52	Cow CD/REL	0.9/99
Protein %	3.9	Heifer CD/REL	1.8/54
SCC	0.12	Gestation Length (days)	-3.1
Liveweight	82	Beta-Casein	A2/A2

NZ Evaluation Data

Traits other than production

Management	gBV	-0.5 0 0.5 1.0
Adaptability to Milking	0.22	
Shed Temperament	0.21	
Milking Speed	0.21	
Overall Opinion	0.39	
Conformation (70 daughters TOP tested)		
Stature	0.49	
Capacity	0.99	
Rump Angle	0.02	
Rump Width	1.17	
Legs	-0.04	
Udder Support	0.31	
Front Udder	0.23	
Rear Udder	0.42	
Front Teat Placement	0.19	
Rear Teat Placement	-0.41	
Teat Length	-0.20	
Udder Overall	0.48	
Dairy Conformation	1.01	

21/02/2025

Australian Indices

Source: DataGene 03 Dec 2024

BPI/REL %	302/68	Survival	99
ASI	248	Daughter Fertility	115
HWI	331	Calving Ease	102
Milk	-668	Overall Type	88
Fat kg	28	Protein kg	20

519061 ARKANS BAILIFF

$360/91% gBW REL

HoofPrint®

Breeding Details

NASIS	NZGBAILIFF
Breed	F9 J7
Pedigree	CONSCRIPT x BEAMER

NEW ZEALAND DETAILS

Daughter Proven

NZ Breeding Values			98 Daughters
Milk Volume (litres)	268	Fertility %	11.0
Fat kg	27	Body Condition Score	0.12
Fat %	5.0	Functional Survival %	5.0
Protein kg	17	Cow CD/REL	-2.0/97
Protein %	3.9	Heifer CD/REL	-0.8/88
SCC	-0.47	Gestation Length (days)	0.9
Liveweight	3	Beta-Casein	A1/A2

NZ Evaluation Data

Traits other than production

Management	gBV	-0.5 0 0.5 1.0
Adaptability to Milking	0.49	
Shed Temperament	0.49	
Milking Speed	0.50	
Overall Opinion	0.58	
Conformation (89 daughters TOP tested)		
Stature	0.00	
Capacity	0.67	
Rump Angle	0.17	
Rump Width	0.10	
Legs	0.14	
Udder Support	0.20	
Front Udder	0.36	
Rear Udder	0.30	
Front Teat Placement	0.32	
Rear Teat Placement	0.50	
Teat Length	-0.05	
Udder Overall	0.35	
Dairy Conformation	0.66	

21/02/2025

Australian Indices

Source: DataGene 03 Dec 2024

BPI/REL %	236/68	Survival	101
ASI	134	Daughter Fertility	118
HWI	322	Calving Ease	102
Milk	-1429	Overall Type	91
Fat kg	27	Protein kg	-6

518016 HORIZON ASCOTT

$414/99% gBW REL

HoofPrint®

Breeding Details

NASIS	NZGASCOTT
Breed	F9 J7
Pedigree	BANDANA x JAYDIE

NEW ZEALAND DETAILS

Daughter Proven

NZ Breeding Values			14528 Daughters
Milk Volume (litres)	53	Fertility %	3.6
Fat kg	29	Body Condition Score	0.10
Fat %	5.3	Functional Survival %	3.4
Protein kg	23	Cow CD/REL	-1.5/100
Protein %	4.2	Heifer CD/REL	-5.0/99
SCC	0.16	Gestation Length (days)	-3.2
Liveweight	-15	Beta-Casein	A2/A2

NZ Evaluation Data

Traits other than production

Management	gBV	-0.5 0 0.5 1.0
Adaptability to Milking	0.19	
Shed Temperament	0.18	
Milking Speed	0.27	
Overall Opinion	0.25	
Conformation (119 daughters TOP tested)		
Stature	-0.50	
Capacity	0.45	
Rump Angle	-0.17	
Rump Width	-0.39	
Legs	0.01	
Udder Support	0.95	
Front Udder	1.05	
Rear Udder	0.88	
Front Teat Placement	0.15	
Rear Teat Placement	0.71	
Teat Length	0.04	
Udder Overall	0.94	
Dairy Conformation	0.35	

21/02/2025

Australian Indices

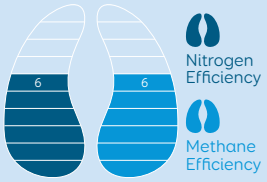
Source: DataGene 03 Dec 2024

BPI/REL %	191/65	Survival	96
ASI	123	Daughter Fertility	112
HWI	270	Calving Ease	102
Milk	-647	Overall Type	90
Fat kg	8	Protein kg	8

518061 INNOVATION HOMEBREW

$377/99% gBW REL

HoofPrint®



Breeding Details

NASIS	NZGHOMEBREW
Breed	F9 J7
Pedigree	BRANSON x BEAUT

NEW ZEALAND DETAILS — Daughter Proven

NZ Breeding Values			15671 Daughters
Milk Volume (litres)	-260	Fertility %	4.2
Fat kg	38	Body Condition Score	0.36
Fat %	5.9	Functional Survival %	3.9
Protein kg	14	Cow CD/REL	-0.7/100
Protein %	4.3	Heifer CD/REL	-0.9/98
SCC	0.22	Gestation Length (days)	-5.0
Liveweight	42	Beta-Casein	A2/A2

NZ Evaluation Data — Traits other than production

Management	gBV	-0.5 0 0.5 1.0
Adaptability to Milking	0.29	
Shed Temperament	0.28	
Milking Speed	0.33	
Overall Opinion	0.37	
Conformation (108 daughters TOP tested)		
Stature	-0.04	
Capacity	0.71	
Rump Angle	0.03	
Rump Width	0.22	
Legs	-0.02	
Udder Support	0.45	
Front Udder	0.67	
Rear Udder	0.50	
Front Teat Placement	0.06	
Rear Teat Placement	-0.21	
Teat Length	0.07	
Udder Overall	0.57	
Dairy Conformation	0.64	

21/02/2025

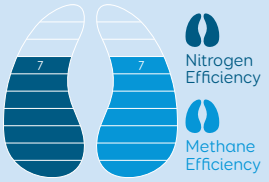
Australian Indices — Source: DataGene 03 Dec 2024

BPI/REL %	285/66	Survival	101
ASI	240	Daughter Fertility	112
HWI	296	Calving Ease	102
Milk	192	Overall Type	92
Fat kg	32	Protein kg	28

511011 PRIESTS SIERRA

$402/99% gBW REL

HoofPrint®



Breeding Details

NASIS	NZGPRISIERRA
Breed	F11 J5
Pedigree	MINT-EDITION x RAMROD

NEW ZEALAND DETAILS — Daughter Proven

NZ Breeding Values			125728 Daughters
Milk Volume (litres)	505	Fertility %	5.1
Fat kg	45	Body Condition Score	0.06
Fat %	5.1	Functional Survival %	3.5
Protein kg	30	Cow CD/REL	0.4/100
Protein %	4.0	Heifer CD/REL	2.2/99
SCC	-0.17	Gestation Length (days)	-4.9
Liveweight	43	Beta-Casein	A2/A2

NZ Evaluation Data — Traits other than production

Management	gBV	-0.5 0 0.5 1.0
Adaptability to Milking	0.51	
Shed Temperament	0.53	
Milking Speed	-0.03	
Overall Opinion	0.48	
Conformation (707 daughters TOP tested)		
Stature	0.47	
Capacity	0.56	
Rump Angle	0.00	
Rump Width	0.02	
Legs	0.13	
Udder Support	0.44	
Front Udder	0.34	
Rear Udder	0.39	
Front Teat Placement	0.23	
Rear Teat Placement	1.04	
Teat Length	-0.73	
Udder Overall	0.38	
Dairy Conformation	0.59	

21/02/2025

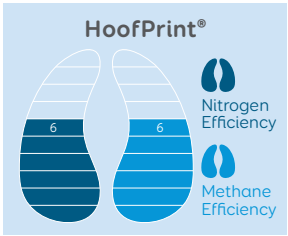
Australian Indices — Source: DataGene 03 Dec 2024

BPI/REL %	266/88	Survival	102
ASI	148	Daughter Fertility	112
HWI	326	Calving Ease	101
Milk	-770	Overall Type	88
Fat kg	27	Protein kg	4

Half Sister of 519030 SCRIPT

519030 SECRETERRY SCRIPT-ET

$411/91% gBW REL



Breeding Details

NASIS	NZGSCRIPT
Breed	J9 F7
Pedigree	BOUNTY x BEAMER

NEW ZEALAND DETAILS

Daughter Proven

NZ Breeding Values — 117 Daughters

Milk Volume (litres)	521	Fertility %	0.1
Fat kg	41	Body Condition Score	0.00
Fat %	5.1	Functional Survival %	2.4
Protein kg	28	Cow CD/REL	-0.6/79
Protein %	3.9	Heifer CD/REL	-2.5/42
SCC	-0.21	Gestation Length (days)	-1.6
Liveweight	-13	Beta-Casein	A1/A2

NZ Evaluation Data — Traits other than production

Management	gBV	-0.5 0 0.5 1.0
Adaptability to Milking	0.31	
Shed Temperament	0.32	
Milking Speed	0.02	
Overall Opinion	0.34	
Conformation (98 daughters TOP tested)		
Stature	-0.15	
Capacity	0.47	
Rump Angle	0.33	
Rump Width	0.06	
Legs	0.17	
Udder Support	0.16	
Front Udder	0.13	
Rear Udder	0.01	
Front Teat Placement	0.62	
Rear Teat Placement	0.97	
Teat Length	-0.19	
Udder Overall	0.26	
Dairy Conformation	0.58	

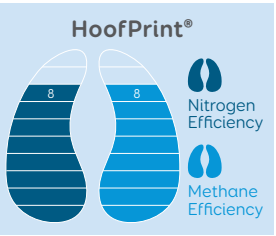
21/02/2025

Australian Indices — Source: DataGene 03 Dec 2024

BPI/REL %	328/58	Survival	99
ASI	325	Daughter Fertility	102
HWI	200	Calving Ease	0
Milk	1315	Overall Type	90
Fat kg	48	Protein kg	49

517001 ARKANS PATRIARCH-ET

$403/99% gBW REL



Breeding Details

NASIS	NZGPATRIARCH
Breed	F10 J6
Pedigree	JAYDIE x MINT-EDITION

NEW ZEALAND DETAILS

Daughter Proven

NZ Breeding Values — 15282 Daughters

Milk Volume (litres)	12	Fertility %	7.1
Fat kg	30	Body Condition Score	0.11
Fat %	5.4	Functional Survival %	3.5
Protein kg	14	Cow CD/REL	-1.3/99
Protein %	4.1	Heifer CD/REL	-3.2/96
SCC	0.05	Gestation Length (days)	-2.1
Liveweight	-26	Beta-Casein	A1/A2

NZ Evaluation Data — Traits other than production

Management	gBV	-0.5 0 0.5 1.0
Adaptability to Milking	0.06	
Shed Temperament	0.05	
Milking Speed	0.25	
Overall Opinion	0.22	
Conformation (184 daughters TOP tested)		
Stature	-0.38	
Capacity	0.20	
Rump Angle	-0.17	
Rump Width	0.15	
Legs	0.02	
Udder Support	0.68	
Front Udder	0.93	
Rear Udder	1.05	
Front Teat Placement	0.11	
Rear Teat Placement	0.54	
Teat Length	-0.69	
Udder Overall	0.86	
Dairy Conformation	0.34	

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Australian Indices — Source: DataGene 03 Dec 2024

BPI/REL %	224/65	Survival	96
ASI	135	Daughter Fertility	114
HWI	307	Calving Ease	103
Milk	-905	Overall Type	90
Fat kg	12	Protein kg	5

517041 LUCK-AT-LAST EMPEROR-ET

$339/92% gBW REL

NASIS	NZGLUEMPEROR
Breed	F10 J6
Pedigree	TECHNICIAN x TERRIFIC

NZ Breeding Values — 111 Daughters

Milk Volume (litres)	211	Fertility %	0.9
Fat kg/%	27/5.1	Functional Survival %	4.7
Protein kg/%	23/4.1	Cow CD/REL	0.5/76
SCC	-0.20	Gestation Length (days)	-0.2
Liveweight	24	Beta-Casein	A1/A2

NZ Evaluation Data — Traits other than production

Management	gBV	-0.5	0	0.5	1.0
Overall Opinion	0.28				
Conformation (96 daughters TOP tested)					
Udder Overall	1.09				
Dairy Conformation	0.61				

Australian Indices — Source: DataGene 03 Dec 2024

BPI/REL %	226/65	ASI	159

516066 WALTON INFERNO

$480/99% gBW REL

NASIS	NZGWALTFERNO
Breed	F9 J7
Pedigree	SOLARIS x CHECKPOINT

NZ Breeding Values — 54330 Daughters

Milk Volume (litres)	-87	Fertility %	7.2
Fat kg/%	30/5.5	Functional Survival %	4.6
Protein kg/%	22/4.3	Cow CD/REL	-1.5/100
SCC	-0.75	Gestation Length (days)	-6.2
Liveweight	-17	Beta-Casein	A2/A2

NZ Evaluation Data — Traits other than production

Management	gBV	-0.5	0	0.5	1.0
Overall Opinion	0.32				
Conformation (360 daughters TOP tested)					
Udder Overall	0.20				
Dairy Conformation	0.30				

Australian Indices — Source: DataGene 03 Dec 2024

BPI/REL %	201/70	ASI	76

518030 HOWSES ROCCO

$268/92% gBW REL

NASIS	NZGHOWSROCCO
Breed	F9 J7
Pedigree	BRIMSTONE x MINT-EDITION

NZ Breeding Values — 119 Daughters

Milk Volume (litres)	484	Fertility %	0.1
Fat kg/%	9/4.5	Functional Survival %	2.2
Protein kg/%	30/4.0	Cow CD/REL	0.1/84
SCC	-0.24	Gestation Length (days)	-5.4
Liveweight	4	Beta-Casein	A1/A2

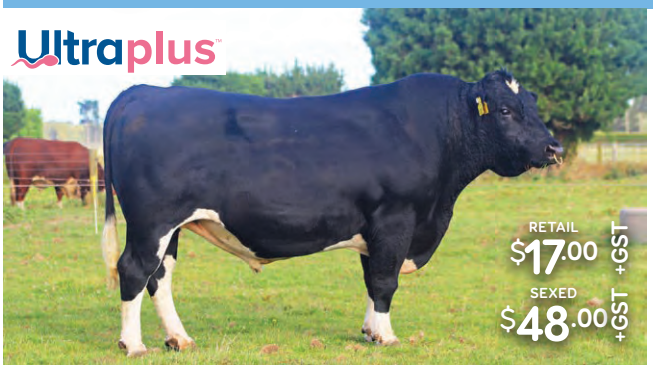
NZ Evaluation Data — Traits other than production

Management	gBV	-0.5	0	0.5	1.0
Overall Opinion	0.41				
Conformation (103 daughters TOP tested)					
Udder Overall	1.01				
Dairy Conformation	0.46				

Australian Indices — Source: DataGene 03 Dec 2024

BPI/REL %	343/68	ASI	198

518053 PAYNES PROMINENCE-ET



$431/98% gBW REL

NASIS	NZGPROMINENC
Breed	F12 J4
Pedigree	TECHNICIAN x DAREDEVIL

NZ Breeding Values — 4871 Daughters

Milk Volume (litres)	617	Fertility %	3.5
Fat kg/%	37/4.9	Functional Survival %	3.2
Protein kg/%	36/4.0	Cow CD/REL	0.3/99
SCC	-0.46	Gestation Length (days)	-3.9
Liveweight	24	Beta-Casein	A1/A2

NZ Evaluation Data — Traits other than production

Management	gBV	-0.5	0	0.5	1.0
Overall Opinion	0.32				
Conformation (105 daughters TOP tested)					
Udder Overall	0.31				
Dairy Conformation	0.38				

Australian Indices — Source: DataGene 03 Dec 2024

BPI/REL %	219/66	ASI	184

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2025 Ayrshire

515503 IWA SUPER SONIC

gBW $129/98% REL

NASIS	NZGSUPASONIC
Breed	A16
Pedigree	GEORGE x TOSIKKO

NZ Breeding Values			2087 Daughters
Milk Volume (litres)	426	Fertility %	-4.9
Fat kg/%	22/4.8	Functional Survival %	0.8
Protein kg/%	10/3.7	Cow CD/REL	1.2/98
SCC	-0.52	Gestation Length (days)	-0.3
Liveweight	7	Beta-Casein	A2/A2

NZ Evaluation Data		Traits other than production
Management	gBV	-0.5 0 0.5 1.0
Overall Opinion	0.18	
Conformation (661 daughters TOP tested)		
Udder Overall	0.56	
Dairy Conformation	0.35	

Australian Indices	Source: DataGene 03 Dec 2024		
BPI/REL %	265/75	ASI	204

520510 RIVERLEA SAMUEL

gBW $179/71% REL

NASIS	NZGSAMUEL
Breed	A16
Pedigree	SAMUEL x MUSTANG

NZ Breeding Values			40 Daughters
Milk Volume (litres)	800	Fertility %	-2.8
Fat kg/%	44/4.9	Functional Survival %	1.1
Protein kg/%	17/3.5	Cow CD/REL	-1.0/52
SCC	-0.17	Gestation Length (days)	5.2
Liveweight	35	Beta-Casein	A1/A2

NZ Evaluation Data		Traits other than production
Management	gBV	-0.5 0 0.5 1.0
Overall Opinion	0.44	
Conformation (25 daughters TOP tested)		
Udder Overall	0.13	
Dairy Conformation	0.48	

Australian Indices	Source: DataGene 03 Dec 2024		
BPI/REL %	230/37	ASI	241

Page Number	NZ AB Code	Bull Name	Price Retail (+GST)	Breed Split	Beta Casein	gBW/Rel	Milk Volume (litres)	Fat kg	Protein kg	Somatic Cell Score	Fertility %	Functional Survival	Heifer Calving Difficulty/Rel	Cow Calving Difficulty/Rel	Gestation Length (days)	Liveweight	Overall Opinion	Stature	Capacity	Udder Overall	Dairy onformation	VMSI
Ayrshire																						
61	520510	RIVERLEA **SAMUEL**	$17	A16	A1/A2	179/71	800	44	17	-0.17	-2.8	1.1	4.4/31	-1.0/52	5.2	35	0.44	-0.15	0.68	0.13	0.48	1253
61	515503	IWA SUPER **SONIC**	$17	A16	A2/A2	129/98	426	22	10	-0.52	-4.9	0.8	1.7/86	1.2/98	-0.3	7	0.18	-0.29	0.38	0.56	0.35	1172
Ayrshire also available																						
	504522	SOUTHWIND **JARMO**	$12	A16	A1/A2	80/99	409	18	12	0.07	-6.1	-2.4	3.3/60	-1.9/95	-1.4	-17	-0.16	-0.26	-0.01	-0.21	-0.10	1092
	507515	MAYO RF **QUINNELLA**	$12	A16	A1/A2	25/98	387	22	5	-0.01	-9.1	-0.8	0.2/60	-1.2/96	-2.6	-6	0.32	-0.67	0.18	-0.29	-0.02	1019
	514613	TE MATAI **ELVIS**	$17	A16	A1/A2	-1/98	285	-7	5	-0.09	1.5	1.3	1.2/47	-1.0/94	-0.4	-1	0.25	-0.84	0.35	-0.08	0.14	966
	510544	PA HILL BRODY **IVO** ET	$12	A16	A1/A2	-4/94	255	0	9	-0.30	-7.9	1.5	1.2/44	-0.2/80	-1.4	2	0.13	-0.81	0.21	-0.09	-0.01	1019

* Sexed semen is offered for Single AI use only. See page 9 for more information.

21/02/2025

Heat Detection

Effective heat detection leads to higher AI success, which gives you more cows in-calf, a tighter calving pattern and extra milk in the vat, improving productivity and profitability for your farm.

LIC Scratch Patch

LIC Scratch Patch heat detectors are cost-effective and efficient aids. When mating activity occurs the silver layer rubs off to reveal a fluorescent colour.

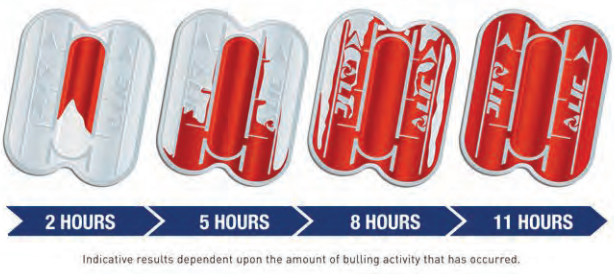
- Multiple colours allow for multiple rounds of heat detection.
- Friction based technology helps indicate the approximate level of mating that has occurred.

Available in 5 fluorescent, easy-to-spot colours - red, yellow, pink, green, blue.

Pack of 50

LIC Heat Patch Plus

LIC Heat Patch Plus heat detection aids are our premium patches for easy and accurate identification. The technology enables the dye to bleed right to the edges making them highly visible and indicating the length of time a cow has been on heat.



- Dye can spread right to the edges of the patch for greater visibility and accuracy.
- Self-adhesive - no glue required.
- Four-second time-release technology to help identify true standing heats.

Available in 3 colours: red, pink & blue.

Pack of 50

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LIC® LIVESTOCK IMPROVEMENT

Terms and Conditions

Subject to any further terms and conditions imposed by LIC Australia from time to time, all LIC Semen produced or supplied by LIC Australia (directly or indirectly) is supplied subject to the following terms and conditions:

Definitions

1 For the purpose of these terms and conditions, the following words have the following meanings:

LIC Australia means Livestock Improvement Pty Ltd (ABN 15 096 186 113).

LIC NZ means Livestock Improvement Corporation Limited (NZBN 9429039566119).

LIC Semen means semen produced or supplied (directly or indirectly) by LIC Australia.

SGL™ Offspring means male or female offspring or descendants of matings using SGL™ Product.

SGL™ Product means the LIC Semen short gestation length product marketed or specified by LIC Australia as SGL™ semen which is intended to enable cows that are mated with this semen to calve earlier than would otherwise be the case. For the avoidance of doubt this includes SGL Compact(TM) and SGL beef semen but does not include SGL plus gBW.

Acknowledgement of LIC's Rights

2 The Client acknowledges that LIC NZ is the sole proprietor (or authorised licensee) of all intellectual property rights contained in all LIC Semen. LIC Australia is an authorised Licensee of LIC NZ with respect to the production or supply of LIC Semen in Australia.

Restrictions on use of LIC Semen

3 When supplying the Client with LIC Semen, LIC Australia grants to the Client a non-assignable, non-exclusive one-off licence (such licence otherwise on usual industry terms) for the sole purpose of the artificial insemination of animals in Australia and ordinarily in the Client's own Herd.

4 The Client undertakes that the LIC Semen will not be used for any purpose other than the artificial insemination of animals in Australia and ordinarily in the Client's Herd and the Client further undertakes that the Client will not use or transport such LIC Semen outside of Australia or provide, procure or permit the use of, access to or possession of such LIC Semen by any other person within Australia (other than a director or an officer, employee or agent of the Client acting in that capacity).

5 Without limiting clauses 3 and 4 above, the Client acknowledges and agrees that:

a the restraints in clauses 3 and 4 do not prevent the Client from using LIC Semen or providing such LIC Semen to a third party for the purpose of performing or undertaking an embryo transfer reproductive process on animals ordinarily in the Client's Herd; and

b in the case of SGL™ Product, the relevant LIC Semen is supplied solely to facilitate a gestation period which is intended to be shorter than the usual gestation period.

6 The Client shall not, except with LIC Australia's prior written permission, source, purchase or acquire any LIC Semen from any person who is not LIC Australia or LIC NZ, an authorised agent or distributor of LIC or otherwise deal in or use in any way for any purpose any LIC Semen sourced, purchased or acquired from such a person.

Restrictions Relating to Offspring from LIC Semen

7 The Client must not, except with LIC Australia's prior written permission, directly or indirectly:

a advertise for sale or supply, or sell or otherwise supply, or collect, deal in or use in any way for any purpose, any semen from any first-generation male offspring of matings using LIC Semen (Offspring); or

b use the Offspring or allow the Offspring to be used in circumstances where the Offspring are used or may be used for the collection of semen; or

c provide access to or possession of or dispose of the Offspring (whether born or unborn) to any person (other than a director or an officer, employee or agent of the Client, acting in that capacity) (Transferee) in circumstances where the Offspring will or may be used for the collection of semen, without first entering into a written agreement with the Transferee requiring the Transferee to observe the same obligations of the Client under this clause 7 as if the Transferee were the Client. Any breach of that requirement by the Transferee (or any subsequent transferee) will, for the purpose of this clause 7, be deemed to be a breach by the Client of this clause 7.

This restraint, which:

i does not prevent the use of the Offspring for natural matings; and

ii applies irrespective of the means by which the Client came into possession or control of any LIC Semen, Offspring or semen from Offspring;

is reasonably required to protect the value and viability of the LIC Australia and LIC NZ artificial breeding and genetics programme, which represents a substantial and long term investment in capital, research and development, and sire proving, and which is of strategic importance to the Australian and New Zealand dairy industries.

8 The Client acknowledges that the SGL™ Product embodies valuable LIC NZ intellectual property rights, and is sold solely for the purpose of facilitating short gestation length pregnancies and SGL™ Offspring must not be bred. To that end, the Client must not, except with LIC Australia's prior written permission, directly or indirectly:

a advertise for sale or supply, or sell or otherwise supply, or collect, deal in or use in any way for any purpose, any semen, embryo or other form of germplasm (SGL™ Germplasm) from any SGL™ Offspring; or

b use the SGL™ Offspring or allow the SGL™ Offspring to be used in circumstances where the SGL™ Offspring are used or may be used for the collection of SGL™ Germplasm; or

c use the SGL™ Offspring or allow the SGL™ Offspring to be used where the SGL™ Offspring, or the SGL™ Germplasm of the SGL™ Offspring, is mated with any other animal using any form of breeding or reproductive technology, including (without limitation) artificial insemination, embryo transfer or natural mating; or

d provide access to or possession of or dispose of the SGL™ Offspring (whether born or unborn) to any person (other than a director or an officer, employee or agent of the Client, acting in that capacity) (SGL™ Transferee) in circumstances where the SGL™ Offspring will or may be used for mating or the collection of SGL™ Germplasm without first entering into a written agreement with the SGL™ Transferee requiring the SGL™ Transferee to observe the same obligations of the Client under this clause 8 as if the SGL™ Transferee were the Client. Any breach of that requirement by the SGL™ Transferee (or any subsequent transferee) will, for the purpose of this clause 8, be deemed to be a breach by the Client of this clause 8.

The Client acknowledges that this restraint applies irrespective of the means by which the Client came into possession or control of any SGL™ Offspring and/or any SGL™ Germplasm and is reasonably required to protect the value and viability of the LIC Australia and LIC NZ artificial breeding and genetics programme, which represents a substantial and long term investment in capital, research and development, and which is of strategic importance to the Australian and New Zealand dairy industry.

Indemnity

9 The Client agrees to continuously indemnify LIC Australia and LIC NZ for all losses whatsoever caused to LIC Australia and LIC NZ, arising out of or flowing from the Client's breach of all or any part of clauses 2 to 8 above.

LIC Australia

PO Box 1129
Echuca Victoria 3564, Australia
Freephone 1800 454 694 | **M** +61 499 900 612
E admin@licaus.com.au

HILARY LUNN
Country Manager
NEW SOUTH WALES & QUEENSLAND
M +61 429 944 169
E hlunn@licaus.com.au

ROWAN PRIEST
District Manager
TASMANIA
M +61 428 144 111
E rpriest@licaus.com.au

MIKE WAITE
District Manager
WESTERN VICTORIA, SOUTH AUSTRALIA & WESTERN AUSTRALIA
M +61 428 566 362
E mwaite@licaus.com.au

LIZ MCVEY
Office Manager
District Manager
NORTHERN VICTORIA
M +61 428 344 454
E lmcvey@licaus.com.au

MIKE ROSE
Business Development Manager
M +61 407 708 677
E mrose@licaus.com.au

MONICA WILKINSON
Dispatch & Inventory Officer
E admin@licaus.com.au

GIPPSLAND
M +61 455 999 155

Follow us
@LICAustralia

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