

Sire Catalogue

2024

Innovation

Performance

Efficiency



There's always room for improvement

 **LIC**[®]
LIVESTOCK IMPROVEMENT

GM Intro

Welcome to another LIC Ireland catalogue, showcasing the very best in breeding options from New Zealand (NZ) and suited to those Irish farmers looking for an edge in their farming system.

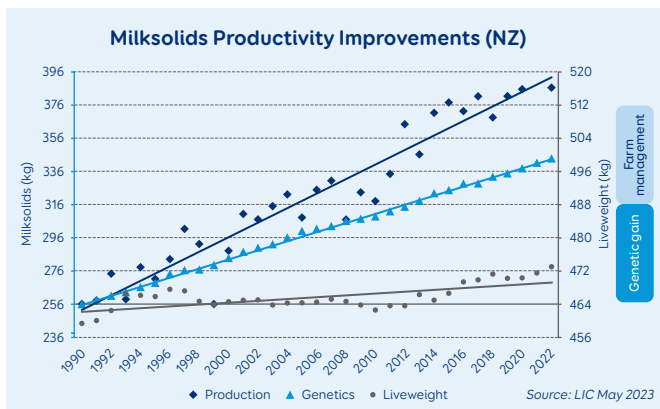
We often talk about challenging times in our sector, which appear in many forms; milk price, cost of production, environmental impact, and animal welfare to name a few, but I think it is fair to say that it has never been more challenging than now.

Fortunately, these challenges have shaped the dairy industry into a resilient sector, although it is still hard to satisfy the critics who try to find fault with what we do. It is important to remind ourselves that these folks only represent the minority, and that our industry is held in high regard by the majority of the public. Most will know that we contribute considerably to the economy, especially when it comes to feeding a growing population. They also understand we love our animals and take great pride in caring for the land, it is a duty of care that we acknowledge and embrace.

If you have settled on a system that generates profit to support you and your family and meets the other fundamentals of proper animal welfare and land protection for the future, don't be swayed by those opinions that seek to disrupt your ambition. Focus on the incremental improvements to protect and improve profit, the land, and your animals.

LIC continues to do a lot of the heavy lifting with their NZ breeding program, dedicated to enhancing the profitability of the NZ cow.

Our focus is on achieving a kilogram of milk solids per kilogram of liveweight derived from a mainly grazed grass diet and a 270-day lactation. This helps drive a high return for farmers, maximising production per kilogram of feed eaten and contributes to lowering harmful emissions.



Our bulls are measured and selected against a criterion tailored to tackle the financial and environmental challenges that the industry is facing. Regardless of whether your cow preference leans toward black and white or browner in colour, our selection of bulls underscores an emphasis on high milk solids, longevity, lower emissions and reduced liveweights.



Mark Ryder

The challenges affecting agriculture aren't exclusive to us, as the beef sector also bears the impact. Greater collaboration with them is essential to collectively tackle environmental and animal welfare challenges. In the case of dairy, this collaboration offers an opportunity to leverage their expertise in breeding suitable dairy beef without compromising cow efficiency. Now, the rationale behind this is clearer than ever, given the shared challenges encompassing profitability, animal welfare and land protection.

With an increasing portion of the beef supply now originating from the dairy herd, it's crucial to communicate a clear message to retailers and consumers that while change is underway, it's not inherently a bad thing. Growing up on a dairy farm in NZ, our source of beef for the household came from empty crossbred heifers that provided an exceptional eating experience. However, don't solely rely on my statement, this was also supported by a scientific presentation at Moorepark earlier this year. Let's shift our focus from breeding larger cows and instead continue looking for suitable beef sires to provide progeny that grow well with the right conformation traits, and minimal negative impact on days in milk. This approach will strengthen our resilience within the beef sector.

In this catalogue we have a selection of Hereford, Angus and Charolais sires that our NZ farmers are currently using in an effort to address the same challenges in the beef sector that we also have here in Ireland.

On another note, our Irish-based breeding program and bull team, originally launched in 2017, is maturing very nicely. We have created some tremendous sires from great Irish cows that have the proposition of both strong EBI and gBW. These bulls are featured within the catalogue, and for the latest information, make sure to connect with one of our breeding advisors.

Enjoy the read, and keep in mind that our team of breeding advisors are available to run some analysis of your herd based on breeding values and actual milk recording results. This analysis will help create a customised breeding plan tailored specifically for your own herd improvement.

Have a great 2024.

Mark Ryder
General Manager, LIC Europe

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Single A.I. Use Provision: The customer agrees that each straw of sorted semen purchased or otherwise acquired from LIC shall only be used by the customer for the single use artificial insemination of one female bovine with the intent to produce a single offspring, and not for in vitro fertilization or embryo transfer unless specifically approved on an individual customer basis by Inguran LLC. d/b/a Sexing Technologies® (Navasota, Texas, USA) in writing. STgenetics®, SexedULTRA 4M®, Ultraplus™, and the 4M™ logo are the trademarks of Inguran LLC.

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 Ireland 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.

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 14 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	
← Undesirable			Average		Desirable →				

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	Low Score	High Score	Base Cow Average
Sire Proving farmers score two-year-old heifers on the four farmer traits			
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 BV of 0

Base Cow

The New Zealand Base Cow is the genetic reference point from which Breeding Worth (BW) and Breeding Values (BV) 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

How to Read a Sire Page

gBW/Rel

Using this bull at a gBW of 414 indicates that per 5T DM eaten, the offspring are expected to generate NZD 414 more net profit than those of a bull of gBW 0. The higher the reliability of gBW, the more data sits behind it and the less likely it is to change with additional data.

Milk

A bull milk gBV of 65 litres indicates that his daughters will on average produce 32.5 litres more than a bull of gBV 0 litres. The gBV is across breeds, so Jersey and crossbred animals may show a negative gBV.

Somatic Cell Score

The lower the SCS BV the better, as you want to reduce the bulk milk Somatic Cell Score. A SCS gBV difference of 0.5 between two sires equates to a difference in expected daughter cell count of 37,500 cells/ml.

Fertility

A bull gBV of 5.2% indicates that 2.6% more daughters are expected to calve in the first 42 days of a herd's calving period, compared to a bull of gBV 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 average 6-week calving pattern of 83%. Highly fertile cows have been necessary to achieve this. It is generally accepted that the New Zealand genetic base cow is far more fertile than many other countries' genetic base.

Stature

This gBV compares animal stature across breeds based on a genetic reference population with a gBV of 0. Stature for Jerseys is usually negative and for Holsteins is usually positive.



Daughter of GALANT

BELLAMYS DM GALANT-ET S1F **EBI/REL 268/63%**

IRELAND VALUES

Milk Prod SI	110	Calving Interval (days)	-5.75
Fertility SI	96	Survival	1.91
Carbon SI	16	Cow Calving Difficulty	2.24
Calving SI	52	Heifer Calving Difficulty	4.48
Beef SI	-57	Somatic Cell Count	-0.19
Health SI	24	Milk kg	-125
Maintenance SI	24	Fat kg/%	20/0.45
Management SI	4	Protein kg/%	10/0.25

NEW ZEALAND DETAILS 3267 NZ Daughters

gBW/Rel **414/98%**

HoofPrint®

Nitrogen Efficiency
Methane Efficiency

Breeding Details

Split F16
Sire DICKSONS/BG MANDATE S1F
MGS SAN RAY FM BEAMER-ET S2F
MGGS VALDEN HI APPLAUSE-ET S2F

Volume	65	Protein	28/4.3	Milkfat	47/5.7
Somatic Cell	-0.22	Cow CD	0.1/94	Heifer CD	5.1/92
Gestation Length	-2.2	Body Cond	0.12	Func Surv	2.7
Fertility	5.2	Liveweight	53	Udd Over	0.34

NZ Evaluation Data 138 Daughters TOP Inspected

Management	gBV -0.5	0	0.5	1.0
Adapts to Milking	0.14			
Shed Temperament	0.13			
Milking Speed	0.21			
Overall Opinion	0.25			
Conformation	gBV -0.5	0	0.5	1.0
Stature	0.74			
Capacity	0.73			
Rump Angle	0.13			
Rump Width	0.97			
Legs	0.09			
Udder Support	0.34			
Front Udder	0.43			
Rear Udder	0.34			
Front Teat Placement	0.00			
Rear Teat Placement	0.17			
Teat Length	-0.29			
Udder Overall	0.34			
Dairy Conformation	0.79			

LIC Initiatives

High Input	1356
VMSI	1337
A2 Protein	A2/A2

DP - INT

8/12/2023
icbf 11/2023



Protein and Milkfat

A bull gBV of 28 kg indicates that the bull will produce daughters which on average, are genetically superior by 14 kg per 5T dry matter consumed, compared to a bull of gBV 0 kg.

Liveweight

A gBV of 53 kg indicates the sire's daughters are expected to have a mature liveweight 26.5 kg heavier than those of a bull of gBV 0 kg. As expected in an across-breed evaluation, Holstein Friesians have a higher (positive) gBV and Jerseys a lower (negative) gBV.

Calving Difficulty

Heifer & Cow CD BVs 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. A bull of BV 5.1 can expect to have 2.5% more assisted calvings than a bull of 0.

Functional Survival

A BV 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 2.7 should have 1.35% more daughters survive to the next lactation than a bull of BV 0. The average number of lactations/cow in New Zealand is 5.5.

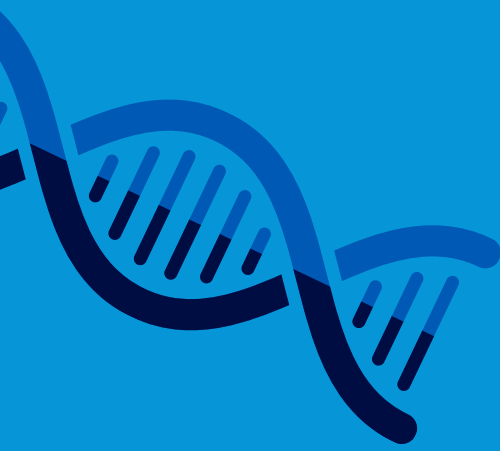
Shed Temperament

A gBV of 0.00 indicates that the bull will produce daughters which on average, are genetically the same as the genetic base cow. (For example, by using a bull with a shed temperament of 0.13 the raw score for his daughters on average is expected to be 6.28 + 0.07 = 6.35 from a linear score of 9).



gBW/gBV are calculated by LIC.

The Forwards[®] sire team



LIC has teamed with Irish farmers to produce bulls from leading LIC-bred herds through our genomic breeding programme in Ireland.

The Forwards sire team complements our flagship delivery of elite daughter-proven and genomic genetics from New Zealand with LIC genomic bulls bred in Ireland.

The young bulls undergo genomic evaluation using LIC's long-standing expertise in both purebred and crossbred animal evaluation, in addition to evaluation on EBI.

Uniquely, these bulls have both gBW and gEBI figures, with the very best picked for The Forwards team.



Dam of LIC Moorehill **Max** FR6892



Bopuru **Bro** SRM FR8244

Selecting The Forwards

LIC breeding experts have examined the candidates' pedigree, physical attributes and cow family information to increase the accuracy of delivering genetics to further improve the genetic merit of your herd. We use both EBI genomic evaluation and LIC's own powerful genomic evaluation tool, the Single Step Animal Model (SSAM), to provide a more reliable estimate of a bull's genetic quality at a young age than from ancestry alone. With both gBW and gEBI behind them, The Forwards[®] sire team offer you a unique opportunity to fast track genetic gain in your herd.

LIC Ireland proudly presents our European grown team of young sires, The Forwards[®].
SEE PAGE 58 FOR MORE INFORMATION.

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 (BW) and the unit of measurement is \$.

It uses genetic merit breeding values (BV) 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 BW as underlying predictor traits.

BW 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.

BW 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 (BW) = Breeding Value (BV) X Economic Value (EV).

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

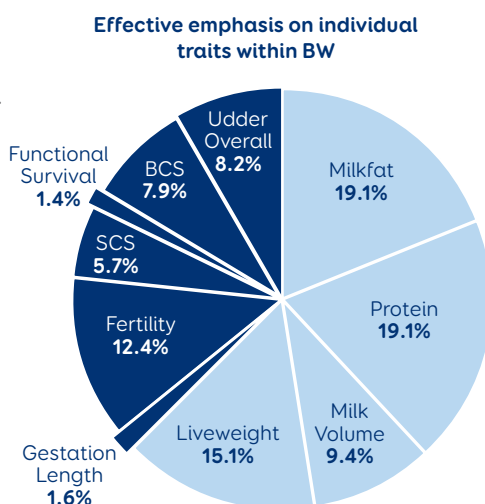
Economic Values (EV) represent the economic value of a trait to a dairy farmer and are usually updated annually. They are calculated using economic models accounting for revenue and costs on-farm. Because milk price fluctuates from year to year, a rolling average of historic and current milk price values 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 a BW \$200 and a cow of BW \$100 are expected to make \$150 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:



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.

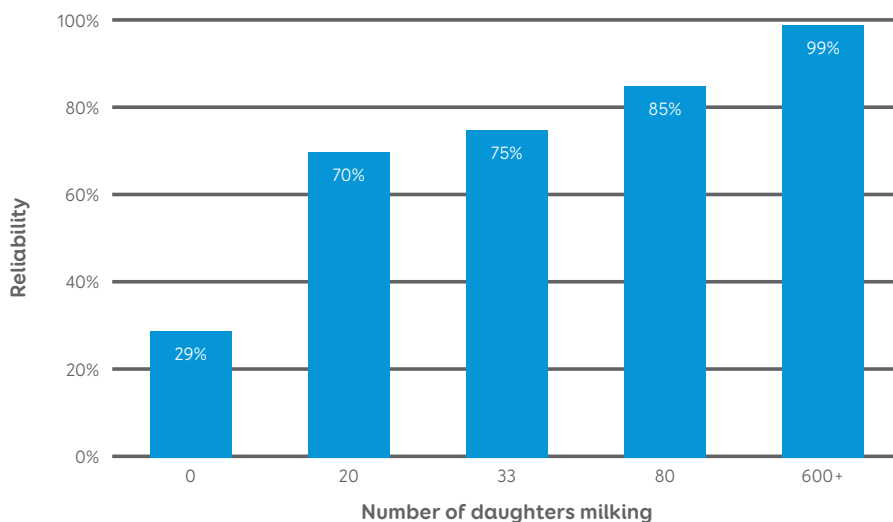
Gestation Length, Fertility, Somatic Cell Score (SCS), Functional Survival (FS), Body Condition Score (BCS) and Udder Overall (UO) are referred to as **Robustness** traits. These traits have moderate to low heritability, except for Gestation Length which is highly heritable and are important for cow 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 BW prediction is the **Reliability** figure. Reliability indicates the confidence that an animal's BW (or individual breeding values) are a measure of their true merit. The higher the reliability, the less likely the BW 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 BW 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 BW (+/-)	100	71	59	46	12
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Dairy NZ 2023, <https://www.dairynz.co.nz/animal/breeding-decisions/breeding-worth/>

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 cover everything from VMSI (OAD) to 16 hours and 10 in 7.

Variable milking regimes may be used exclusively as the overall farming system, 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 suitable 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.

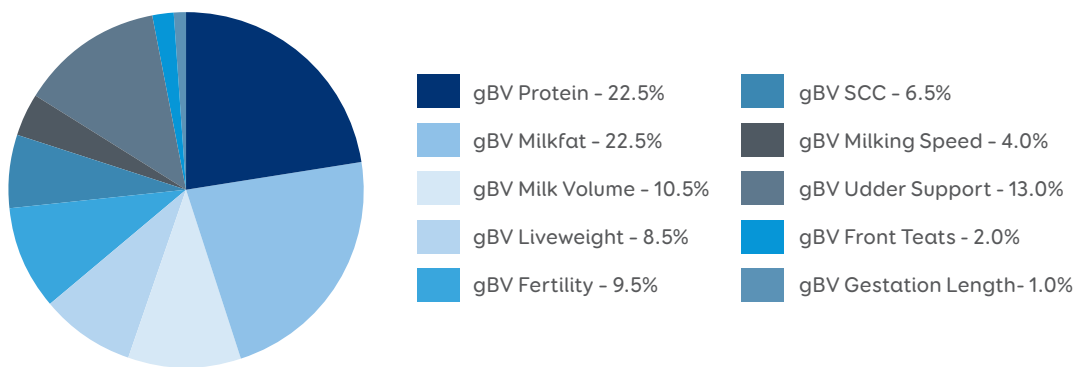
It reflects what farmers have told us is required in a desirable cow and takes into account the following traits:

- Udder support
- Front teat placement
- Milking speed

The index (VMSI) places less emphasis on Functional Survival and Fertility because these factors are less of an issue than in twice-a-day (TAD) herds.

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.

VMSI Teams

Bull Code	IRE AB Code	Bull Name	VMSI	gBW/Rel	Protein kg	Fat kg	Milk kg	Fertility %	Somatic Cell Score	Capacity	Milking Speed	Udder Overall	Page
Holstein Friesian													
120073	TBC	MEANDER TS ALLOY -ET S1F *	1447	547/89	43	78	757	2.8	-0.26	-0.12	0.30	0.19	19
120003	TBC	SCOTTS BV DARIUS -ET *	1432	494/84	48	71	1133	1.4	-0.21	0.65	0.31	0.44	18
120021	TBC	MCKAY BM BAKERBOY -ET S2F *	1398	407/87	49	66	1145	1.7	0.73	0.74	0.30	0.60	21
122051	TBC	MEANDER SAMBA ASTIR -ET S3F *	1391	438/59	48	45	909	4.5	0.00	0.17	0.27	0.85	17
119079	TBC	BUSY BROOK DEALER -ET S2F *	1388	434/86	48	55	1279	0.3	0.20	0.34	0.07	0.65	20
122022	TBC	MATTAJUDE MA MAGNIFICENT S3F *	1373	388/54	50	49	1158	1.3	0.16	0.39	0.18	0.73	18
120001	FR8772	MILL-RIDGE TS FINN -ET S1F	1372	510/89	30	68	560	7.1	-0.24	0.51	0.46	-0.15	14
122073	TBC	SHARPE ARENA SHORTLIST -ET S2F *	1370	399/53	43	53	791	-2.4	-0.01	0.49	0.14	0.47	16
Jersey													
318001	JE9538	OKURA PEPPER LUCCA *	1371	511/89	19	58	-6	1.9	-0.20	0.68	0.25	0.46	32
318021	JE8085	GLANTON DESI BANFF *	1358	548/99	16	51	-626	2.9	-0.30	0.65	-0.03	0.33	34
318009	JE8088	TIRONUI SUPERMAN ET *	1357	464/99	21	51	-119	0.9	0.07	0.56	0.12	0.64	35
318032	JE8751	SHELBY INTEG LABYRINTH ET *	1352	514/92	16	51	-166	1.9	-0.52	0.75	0.03	0.26	33
319066	JE8859	TIRONUI GB MONTAGE -ET *	1342	494/91	25	47	15	2.2	-0.08	0.88	0.11	0.42	33
318015	JE7998	GLENUI SUPER LAMAR *	1339	452/98	9	49	-101	2.2	-0.50	0.46	0.22	0.78	38
318035	JE8763	SHELBY BC LOTTO ET S3J	1320	451/98	21	37	-156	6.2	-0.08	0.09	0.24	0.28	37
318066	JE8853	LITTLE RIVER OI SAMURAI	1319	482/91	19	42	-178	4.3	0.52	0.74	0.39	0.31	36
KiwiCross®													
522050	TBC	JULIAN TU-MEKE *	1465	578/54	33	59	-40	6.0	0.16	0.85	-0.04	0.93	44
519034	JEX233	GORDONS FLASH-GORDON *	1447	572/90	52	60	1009	2.9	0.05	0.34	0.10	0.47	45
522006	TBC	PAYNES SPECIALIST *	1427	607/53	24	51	-121	9.6	-0.54	0.21	0.09	0.62	48
519089	JEX266	SCHRADERS TRADER *	1404	489/86	51	66	1337	0.6	0.38	1.12	0.52	0.05	53
518038	JEX143	WERDERS PREMONITION *	1383	464/99	21	58	-66	1.1	-0.28	0.70	0.32	0.70	47
519010	JEX242	BALANTIS TEMPEST -ET *	1375	468/89	34	58	556	1.2	0.07	0.97	-0.29	0.58	42
520033	JEX155	DOWSON HONENUI -ET *	1374	409/91	21	44	-454	8.6	0.31	0.70	0.24	1.10	47
520008	JEX260	JULIAN MULTIPLIER -ET *	1372	416/87	24	40	258	7.0	-0.06	0.63	-0.06	1.43	50
522017	TBC	BURGESS PLATO -ET *	1370	488/56	31	50	167	7.9	0.05	0.85	0.03	0.28	49
520004	TBC	GREENMILE KERERU *	1365	478/85	37	51	707	0.0	0.05	0.37	0.36	0.33	48

* Sexed semen is offered for Single AI use only. See page 3 for more information.
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icbf 11/2023



8/12/2023

SGL Dairy

With a team of bulls selectively bred to shorten gestation length, the SGL product can help you to shorten your calving, increase days in milk, and give your cows longer to recover improving their chances of getting back in calf.

SGL plus BW

SGL plus BW 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 BW Team

Bull Code	IRE AB Code	Bull Name	Gestation Length (days)	gBW/Rel	Protein Kg	Fat Kg	Milk Kg	Fertility %	Cow Calving Difficulty	Somatic Cell Score	Capacity	Udder Overall	Page
Holstein Friesian													
119014	FR7155	BUELIN BM EQUATOR S2F *	-7.9	394/98	32	62	958	4.0	0.9	0.01	0.38	0.29	16
120073	TBC	MEANDER TS ALLOY -ET S1F *	-7.8	547/89	43	78	757	2.8	-0.2	-0.26	-0.12	0.19	19
118061	FR8775	HALLVILLE AS COLA S2F *	-7.2	352/88	38	25	880	8.0	0.1	0.10	0.14	0.77	25
122073	TBC	SHARPE ARENA SHORTLIST -ET S2F *	-7.0	399/53	43	53	791	-2.4	0.5	-0.01	0.49	0.47	16
116036	FR6730	ARKAN MGH BACKDROP -ET S2F *	-6.8	301/99	24	20	147	8.6	-0.2	0.01	0.29	0.25	25
122051	TBC	MEANDER SAMBA ASTIR -ET S3F *	-6.3	438/59	48	45	909	4.5	2.2	0.00	0.17	0.85	17
118071	FR7974	GLENMEAD SB TRAPEZE S1F *	-5.9	344/98	23	28	165	4.6	0.2	-0.08	0.52	0.67	24
120021	TBC	MCKAY BM BAKERBOY -ET S2F *	-5.7	407/87	49	66	1145	1.7	0.9	0.73	0.74	0.60	21
120001	FR8772	MILL-RIDGE TS FINN -ET S1F	-5.5	510/89	30	68	560	7.1	-0.1	-0.24	0.51	-0.15	14
Jersey													
318021	JE8085	GLANTON DESI BANFF *	-7.9	548/99	16	51	-626	2.9	-1.2	-0.30	0.65	0.33	34
319035	JE9319	CAREYS CM LEXICON S2J *	-4.8	444/90	8	36	-714	7.1	-1.8	-0.04	0.97	0.73	37
320020	JE9433	THORNWOOD BANFF TITUS *	-4.2	396/90	5	27	-741	7.0	-1.3	-0.19	0.75	0.91	30
KiwiCross®													
519089	JEX266	SCHRADERS TRADER *	-11.3	489/86	51	66	1337	0.6	-0.4	0.38	1.12	0.05	53
522051	TBC	LAKE DOWNS RESOLUTION -ET *	-8.5	417/56	22	39	-44	9.0	-0.6	-0.07	0.76	1.20	45
518019	JEX152	DIGGS HARDCOPY *	-8.4	479/88	26	48	187	7.7	-0.2	-0.49	0.35	0.19	44
522006	TBC	PAYNES SPECIALIST *	-7.8	607/53	24	51	-121	9.6	-1.9	-0.54	0.21	0.62	48
518038	JEX143	WERDERS PREMONITION *	-7.4	464/99	21	58	-66	1.1	-0.3	-0.28	0.70	0.70	47
518061	JEX191	INNOVATION HOMEBREW *	-7.3	364/98	15	37	-293	4.0	-0.6	0.16	0.68	0.56	55
519014	JEX230	LYNBROOK KRYPTONITE *	-6.9	458/87	26	43	460	1.2	-1.2	-0.30	0.11	0.92	42
520032	TBC	DOWSON WHAKATUPU -ET *	-6.7	384/85	25	51	68	3.6	-1.3	0.03	0.81	0.51	46
511011	ZSP	PRIESTS SIERRA	-6.6	384/99	30	44	509	5.0	0.4	-0.17	0.56	0.39	55
522050	TBC	JULIAN TU-MEKE *	-5.6	578/54	33	59	-40	6.0	-0.7	0.16	0.85	0.93	44
521031	TBC	WERDERS OLYMPIAN *	-5.4	415/55	19	40	-209	2.6	-1.0	0.00	0.57	0.34	51
520004	TBC	GREENMILE KERERU *	-5.3	478/85	37	51	707	0.0	-0.3	0.05	0.37	0.33	48
519069	JEX245	VAN STRAALENS DEFENDER *	-5.0	392/88	33	47	430	0.6	-0.3	0.42	0.42	0.62	54

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2024

Holstein Friesian



Top 5 Performers

Breeding Worth

NZ Herd Average
NZ\$170

Bull Code	Name	gBW/Rel%	Page
120073	MEANDER TS ALLOY -ET S1F *	547/89	19
120001	MILL-RIDGE TS FINN -ET S1F	510/89	14
120003	SCOTTS BV DARIUS -ET *	494/84	18
120046	FERNGLADE ST TOTEM -ET S1F *	466/82	19
122051	MEANDER SAMBA ASTIR -ET S3F *	438/59	17

EBI

Bull Code	Name	EBI (€)/Rel	Page
FR9241	LIC BOPURU PAL *	320/57	22
116036	ARKAN MGH BACKDROP -ET S2F *	312/75	25
FR8244	LIC BOPURU BRO *	306/64	21
118071	GLENMEAD SB TRAPEZE S1F *	294/69	24
118061	HALLVILLE AS COLA S2F *	276/60	25

Protein

NZ Herd Average
25kg/3.80%

Bull Code	Name	Protein (kg/%)	Page
122022	MATTAJUDE MA MAGNIFICENT S3F *	50/3.9	18
120021	MCKAY BM BAKERBOY -ET S2F *	49/3.9	21
119079	BUSYBROOK DEALER -ET S2F *	48/3.8	20
122051	MEANDER SAMBA ASTIR -ET S3F *	48/4.0	17
120003	SCOTTS BV DARIUS -ET *	48/3.9	18

Fat

NZ Herd Average
21kg/4.56%

Bull Code	Name	Fat (kg/%)	Page
120073	MEANDER TS ALLOY -ET S1F *	78/5.5	19
120003	SCOTTS BV DARIUS -ET *	71/5.1	18
120001	MILL-RIDGE TS FINN -ET S1F	68/5.5	14
120021	MCKAY BM BAKERBOY -ET S2F *	66/4.9	21
120046	FERNGLADE ST TOTEM -ET S1F *	65/5.2	19

Fertility

NZ Herd Average
-0.8%

Bull Code	Name	Fertility (%)	Page
113042	CHARLTONS FI FINALCUT S2F	8.7	14
116036	ARKAN MGH BACKDROP -ET S2F *	8.6	25
FR8244	LIC BOPURU BRO *	8.4	21
118061	HALLVILLE AS COLA S2F *	8.0	25
120001	MILL-RIDGE TS FINN -ET S1F	7.1	14

Milk Volume

NZ Herd Average
644 litres

Bull Code	Name	Volume (l)	Page
119079	BUSYBROOK DEALER -ET S2F *	1279	20
122022	MATTAJUDE MA MAGNIFICENT S3F *	1158	18
120021	MCKAY BM BAKERBOY -ET S2F *	1145	21
120003	SCOTTS BV DARIUS -ET *	1133	18
119014	BUELIN BM EQUATOR S2F *	958	16

SCC

NZ Herd Average
0.03

Bull Code	Name	SCC	Page
120073	MEANDER TS ALLOY -ET S1F *	-0.26	19
120001	MILL-RIDGE TS FINN -ET S1F	-0.24	14
FR8244	LIC BOPURU BRO *	-0.24	21
119002	BELLAMYS DM GALANT -ET S1F *	-0.22	17
119012	FANANA BM EXCELLENT S2F *	-0.22	23

Capacity

NZ Herd Average
0.19

Bull Code	Name	Capacity	Page
120021	MCKAY BM BAKERBOY -ET S2F *	0.74	21
119002	BELLAMYS DM GALANT -ET S1F *	0.73	17
116118	LIGHTBURN B MALBEC -ET S3F	0.69	23
120003	SCOTTS BV DARIUS -ET *	0.65	18
115021	GORDONS AM LANCELOT S3F	0.65	26

Udder Overall

NZ Herd Average
0.29

Bull Code	Name	Udder Overall	Page
119012	FANANA BM EXCELLENT S2F *	1.27	23
116118	LIGHTBURN B MALBEC -ET S3F	1.03	23
122051	MEANDER SAMBA ASTIR -ET S3F *	0.85	17
117057	MAIRE GL GRADUATE -ET	0.79	14
118061	HALLVILLE AS COLA S2F *	0.77	25

Heifer Calving Difficulty

NZ Herd Average
1.8%

Bull Code	Name	HCD/Rel%	Page
118061	HALLVILLE AS COLA S2F *	-2.8/81	25
118071	GLENMEAD SB TRAPEZE S1F *	-1.9/95	24
116036	ARKAN MGH BACKDROP -ET S2F *	0.3/97	25
FR8244	LIC BOPURU BRO *	0.6/31	21
119012	FANANA BM EXCELLENT S2F *	0.9/40	23

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A Dam Fine Time of the Year

by Michele Van Der Aa, LIC Senior Sire Analyst

Dam inspections are always a rewarding time of year. On numerous occasions I have been 'wowed' by daughters of the recent graduate bulls, and I can see the best is yet to come. Browsing the Holstein Friesian bulls in this year's LIC Genetics Catalogue, it became immediately clear I was going to have a challenge on my hands with so many extraordinary bulls available. How do you narrow it down to just a handful to profile?

What we've been working towards is now coming to fruition; 0.80 udders are becoming more common, and production continues to increase, as does efficiency. This is merely a sample of what we're capable of delivering and we will continue to strive for more within our Holstein Friesian offering. With that being said, it gives me great pleasure to showcase the following bulls.

Meander TS Alloy-ET S1F

Taking out the top spot at 547 gBW is none other than Alloy. Sired by Supervisor, Alloy's strengths include his production, boasting 121 kg of combined fat and protein through a modest volume of 757 litres and 79 kg of liveweight. Nestled in good company, Alloy hails from the illustrious dam that is Meander FMI April S2F. Meander has a long history of providing LIC with impressive sons, having graduated nine to date including Arrow, Azure, Asset and Wingman. Classified at 87, this superstar has a plethora of daughters we continue to utilise within the contract mating space. Credit must be given to Robert and Annemarie Bruin for their continuous and remarkable contribution to the Holstein Friesian breed and industry.



Scotts BV Darius-ET

Having climbed 238 gBW points since the September Animal Evaluation run to 494 gBW, Darius is a bull that continues to excite LIC's sire selection team. The result of LIC's investment in embryo transfer work, Darius is a sire who brings plenty to the table including 120 kg of combined fat and protein, positive fertility, and exceptional farmer traits - as well as 0.74 gBV for dairy conformation. A Vector son, out of a Freedom dam, Darius is born into the same cow family as LIC Hall of Fame bull, Macfarlanes Dauntless, showcasing the strength within both this family and Darius as a sire. While no longer actively farming, it is delightful to see the fruits of Mark and Patricia Scott's labour still being celebrated today. Congratulations on another brilliant contribution!

Mattajude MA Magnificent S3F

One of the highly anticipated Arena sons coming through the pipeline, Magnificent oozes production. Boasting 49 kg of fat and 50 kg of protein, and is sure to breed tidy, milky daughters. A well-balanced sire, the production is carried by an exciting 0.73 udder overall gBV, a strong reflection of both Magnificent's stunning dam and Arena's exceptional type gBVs. It's exciting to see Magnificent score so highly throughout his farmer opinion traits. Matthew and Judy Brady of Taranaki should feel extremely proud of what they've delivered here.



Holstein Friesian

Bull Code	IRE AB Code	Bull Name	gBW/Rel	Fertility %	Milk Volume	Fat kg	Protein kg	Fat %	Protein %	Somatic Cell Score	Functional Survival	Heifer CD /Rel%	Cow CD /Rel%	Liveweight	Body Condition Score	Capacity	Udder Overall
Holstein Friesian																	
120073	TBC	MEANDER TS ALLOY-ET S1F *	547/89	2.8	757	78	43	5.5	4.1	-0.26	3.1	1.8/70	-0.2/96	79	0.15	-0.12	0.19
120001	FR8772	MILL-RIDGE TS FINN-ET S1F	510/89	7.1	560	68	30	5.5	4.0	-0.24	1.9	2.0/77	-0.1/97	41	0.26	0.51	-0.15
120003	TBC	SCOTTS BV DARIUS-ET *	494/84	1.4	1133	71	48	5.1	3.9	-0.21	2.7	3.0/38	-0.7/73	101	0.25	0.65	0.44
120046	TBC	FERNGLADE ST TOTEM-ET S1F *	466/82	0.7	800	65	35	5.2	3.9	-0.05	1.6	3.0/30	2.7/82	44	0.21	0.20	0.30
122051	TBC	MEANDER SAMBA ASTIR-ET S3F *	438/59	4.5	909	45	48	4.8	4.0	0.00	5.3	4.5/27	2.2/71	66	0.07	0.17	0.85
119079	TBC	BUSY BROOK DEALER-ET S2F *	434/86	0.3	1279	55	48	4.6	3.8	0.20	2.8	2.6/34	1.2/70	33	-0.05	0.34	0.65
119002	TBC	BELLAMYS DM GALANT-ET S1F *	414/98	5.2	65	47	28	5.7	4.3	-0.22	2.7	5.1/92	0.1/94	53	0.12	0.73	0.34
120021	TBC	MCKAY BM BAKERBOY-ET S2F *	407/87	1.7	1145	66	49	4.9	3.9	0.73	2.9	2.0/67	0.9/96	91	-0.03	0.74	0.60
122073	TBC	SHARPE ARENA SHORTLIST-ET S2F *	399/53	-2.4	791	53	43	5.0	4.0	-0.01	2.2	5.5/21	0.5/70	62	0.00	0.49	0.47
115021	FR5920	GORDONS AM LANCELOT S3F	397/99	2.3	646	36	39	4.8	4.1	0.02	3.8	2.4/94	0.7/99	31	0.17	0.65	0.41
119014	FR7155	BUELIN BM EQUATOR S2F *	394/98	4.0	958	62	32	5.0	3.7	0.01	4.2	2.1/83	0.9/97	62	0.08	0.38	0.29
122022	TBC	MATTAJUDE MA MAGNIFICENT S3F *	388/54	1.3	1158	49	50	4.6	3.9	0.16	1.8	4.4/17	2.6/68	84	0.11	0.39	0.73
117057	FR6736	MAIRE GL GRADUATE-ET	380/98	0.1	667	42	40	4.9	4.1	0.15	2.4	2.9/62	1.9/83	41	0.03	0.03	0.79
118061	FR8775	HALLVILLE AS COLA S2F *	352/88	8.0	880	25	38	4.4	3.9	0.10	3.5	-2.8/81	0.1/79	36	0.20	0.14	0.77
119054	TBC	TITI MAX IMPACT S2F *	350/87	3.4	748	52	28	5.1	3.8	-0.02	3.2	1.0/34	-1.2/67	48	0.04	0.38	0.38
118071	FR7974	GLENMEAD SB TRAPEZE S1F *	344/98	4.6	165	28	23	5.2	4.1	-0.08	2.2	-1.9/95	0.2/95	15	0.13	0.52	0.67
119012	FR9385	FANANA BM EXCELLENT S2F *	325/88	3.2	457	37	20	5.0	3.8	-0.22	5.4	0.9/40	0.0/77	25	0.11	0.37	1.27
111036	FR2089	ARKAN FM BUSTER-ET S2F	318/99	4.7	364	37	23	5.1	4.0	0.30	1.9	1.1/99	0.5/98	21	0.08	0.47	0.35
119015	FR9715	BUELIN MG GLACIER *	305/87	-4.6	627	41	31	5.0	3.9	-0.09	1.2	3.7/37	2.6/90	52	0.19	0.33	0.75
116036	FR6730	ARKAN MGH BACKDROP-ET S2F *	301/99	8.6	147	20	24	5.0	4.2	0.01	6.0	0.3/97	-0.2/97	72	0.53	0.29	0.25
115023	FR5902	TANGLEWOOD MT KAURI S2F *	292/96	3.9	325	35	22	5.2	4.0	-0.17	2.1	1.3/39	0.4/72	53	0.22	0.16	0.23
118023	FR7977	TRONNOCO INCA SHAKIR S3F *	290/98	1.8	371	42	25	5.2	4.0	0.60	3.8	3.1/69	0.6/80	40	0.05	0.23	0.36
113042	FR4971	CHARLTONS FI FINALCUT S2F	281/99	8.7	186	36	16	5.3	4.0	-0.05	3.6	1.7/72	0.6/87	74	0.21	0.18	0.74
116118	FR5929	LIGHTBURN B MALBEC-ET S3F	241/96	0.9	316	19	29	4.8	4.1	-0.06	3.2	5.1/56	5.2/92	67	0.24	0.69	1.03
117035	FR6742	BELLAMYS MH GAMBIT-ET S2F *	239/98	1.8	680	24	28	4.6	3.8	0.10	5.6	2.6/82	2.1/92	69	0.35	0.16	0.47
The Forwards®																	
-	FR8244	LIC BOPURU BRO *	428/52	8.4	360	49	28	5.4	4.1	-0.24	3.8	0.6/31	-0.2/32	41	0.16	0.01	0.04
-	FR9241	LIC BOPURU PAL *	298/50	4.3	398	33	25	5.0	4.0	-0.07	1.3	1.4/12	0.6/23	28	0.14	0.36	-0.03

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HoofPrint® Nitrogen/ Methane	EBI/Rel%	Milk Prod SI	Fertility SI	Carbon SI	Milk kg	Fat kg	Protein kg	Fat %	Protein %	Dairy Heifer Calf Diff	Dairy Cow Calf Diff	Sire Name	Breed Split	VMSI	High Input	Gestation Length (days)	AZ/AZ	Page
7/7	210/19	113	51	-3	252	20	16	0.17	0.11	5.86	2.42	TAFTS GR SUPERVISOR S1F	F16	1447	1450	-7.8	A1/A2	19
8/8	167/49	102	40	3	90	21	11	0.31	0.14	5.39	2.13	TAFTS GR SUPERVISOR S1F	F16	1372	1392	-5.5	A2/A2	14
6/6												BUSY BROOK WTP VECTOR S3F	F16	1432	1448	-3.7	A1/A2	18
6/6	195/20	85	46	6	245	16	13	0.11	0.08	5.95	2.40	STOUPES BG TRIUMPHANT S1F	F16	1366	1384	-2.3	A1/A2	19
8/7	135/37	44	35	5	20	4	6	0.06	0.10	4.96	2.23	TRONNOCO MH SAMBA-ET S3F	F16	1391	1414	-6.3	A1/A2	17
7/6	193/55	105	47	6	245	20	15	0.17	0.11	6.21	2.56	BOTHWELL WT MAXIMA S2F	F15J1	1388	1411	-3.2	A1/A2	20
7/7	268/63	110	96	16	-125	20	10	0.45	0.25	4.48	2.24	DICKSONS BG MANDATE S1F	F16	1337	1356	-2.2	A2/A2	17
6/6	187/20	79	56	12	52	15	9	0.22	0.13	6.63	2.66	BOTHWELL WT MAXIMA S2F	F15J1	1398	1420	-5.7	A1/A2	21
6/6	120/36	45	47	4	-120	9	3	0.03	0.12	7.31	2.81	MEANDER MG ARENA-ET S3F	F16	1370	1370	-7.0	A2/A2	16
7/7	199/80	101	54	10	97	14	14	0.18	0.18	8.18	3.17	ALJO TEF MAELSTROM-ET S3F	F16	1322	1345	-2.1	A1/A1	26
6/7	217/63	120	70	5	153	27	13	0.36	0.14	6.01	2.49	BOTHWELL WT MAXIMA S2F	F16	1346	1361	-7.9	A1/A2	16
6/6	129/35	40	31	0	2	8	4	0.13	0.07	5.12	2.33	MEANDER MG ARENA-ET S3F	F16	1373	1390	-3.8	A1/A2	18
6/6	222/70	102	78	8	80	15	13	0.21	0.18	7.56	3.08	GORDONS AM LANCELOT S3F	F16	1360	1373	-0.4	A1/A1	14
8/7	276/60	104	97	19	226	15	16	0.10	0.14	2.82	1.33	ARON-AMY MH SALUTE-ET S2F	F16	1285	1328	-7.2	A2/A2	25
6/6	164/54	69	55	23	-5	16	6	0.28	0.11	6.10	2.79	BOTHWELL WT MAXIMA S2F	F15J1	1310	1323	-2.5	A2/A2	20
7/7	294/69	86	132	30	-149	13	8	0.34	0.23	3.98	2.26	SPRING TRALEE BASS-ET S2F	F15J1	1276	1299	-5.9	A2/A2	24
6/6	181/58	77	59	23	-109	16	6	0.37	0.17	5.96	2.56	BOTHWELL WT MAXIMA S2F	F16	1311	1338	-3.8	A2/A2	23
6/7	153/97	78	55	14	-109	14	7	0.32	0.18	4.89	2.35	FAIRMONT MINT-EDITION	F14J2	1267	1292	-2.1	A1/A2	14
4/4	152/62	87	51	3	59	15	10	0.22	0.15	7.18	3.10	MAIRE IG GAUNTLET-ET	F16	1288	1294	0.9	A1/A2	22
7/6	312/75	103	129	14	-39	15	12	0.29	0.23	5.35	2.35	MOURNE GROVE HOTHOUSE S2F	F15J1	1197	1230	-6.8	A1/A2	25
5/6	230/80	88	115	18	-99	16	8	0.35	0.20	7.50	3.06	MITCHELLS WT TYPHOON S2F	F16	1229	1246	-0.7	A1/A2	24
6/6	214/72	89	89	9	-6	17	9	0.30	0.16	7.21	3.03	GYDELAND EXCEL INCA S3F	F16	1255	1275	-1.7	A2/A2	26
6/6	232/84	86	92	10	-105	17	7	0.38	0.19	4.83	2.48	FARISIDE M ILLUSTRIOUS S3F	F16	1264	1292	-3.3	A1/A2	14
5/5	181/81	91	80	9	-16	13	11	0.24	0.20	9.37	3.57	SAN RAY FM BEAMER-ET S2F	F15J1	1228	1263	-0.3	A1/A2	23
5/5	263/73	77	112	11	197	14	11	0.11	0.08	5.87	2.57	MOURNE GROVE HOTHOUSE S2F	F16	1192	1215	-4.2	A2/A2	14
6/6	306/64	118	134	14	70	23	13	0.35	0.18	7.33	3.00	CARSONS FM CAIRO S3F	F15J1	1328	1352	-2.7	A1/A2	21
5/5	320/57	112	146	21	-8	19	12	0.34	0.22	6.47	2.51	TANGLEWOOD MT KAURI S2F	F16	1223	1247	-0.2	A2/A2	22

 icbf 11/2023  8/12/2023


BUSY BROOK DEALER-ET S2F *



BELLAMYS DM GALANT-ET S1F *



MCKAY BM BAKERBOY-ET S2F *



SHARPE ARENA SHORTLIST-ET S2F *



GORDONS AM LANCELOT S3F



GLENMEAD SB TRAPEZE S1F *



FANANA BM EXCELLENT S2F *



ARKAN FM BUSTER-ET S2F



BUELIN MG GLACIER *



ARKAN MGH BACKDROP-ET S2F *



Dam of EQUATOR

**FR7155 BUELIN BM
EQUATOR S2F**

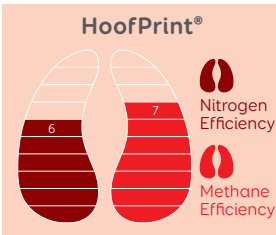
EBI/REL
217/63%

IRELAND VALUES

Milk Prod SI	120	Calving Interval (days)	-4.39
Fertility SI	70	Survival	1.17
Carbon SI	5	Cow Calving Difficulty	2.49
Calving SI	44	Heifer Calving Difficulty	6.01
Beef SI	-45	Somatic Cell Count	0.01
Health SI	2	Milk kg	153
Maintenance SI	22	Fat kg/%	27/0.36
Management SI	0	Protein kg/%	13/0.14

NEW ZEALAND DETAILS

3183 NZ Daughters



gBW/Rel **394/98%**

Breeding Details

Split	F16
Sire	BOTHWELL WT MAXIMA S2F
MGS	FAIRMONT MINT-EDITION
MGGS	O-BEE MANFRED JUSTICE-ET

Volume	958	Protein	32/3.7	Milkfat	62/5.0
Somatic Cell	0.01	Cow CD	0.9/97	Heifer CD	2.1/83
Gestation Length	-7.9	Body Cond	0.08	Func Surv	4.2
Fertility	4.0	Liveweight	62	Udd Over	0.29

NZ Evaluation Data

126 Daughters TOP Inspected

Management	gBV	-0.5	0	0.5	1.0
Adapts to Milking	0.59	[Progress bar]			
Shed Temperament	0.59	[Progress bar]			
Milking Speed	0.33	[Progress bar]			
Overall Opinion	0.68	[Progress bar]			
Conformation	gBV	-0.5	0	0.5	1.0
Stature	0.69	[Progress bar]			
Capacity	0.38	[Progress bar]			
Rump Angle	-0.06	[Progress bar]			
Rump Width	0.69	[Progress bar]			
Legs	-0.23	[Progress bar]			
Udder Support	0.46	[Progress bar]			
Front Udder	-0.05	[Progress bar]			
Rear Udder	0.33	[Progress bar]			
Front Teat Placement	-0.01	[Progress bar]			
Rear Teat Placement	0.26	[Progress bar]			
Teat Length	-0.16	[Progress bar]			
Udder Overall	0.29	[Progress bar]			
Dairy Conformation	0.45	[Progress bar]			

LIC Initiatives

High Input	1361
VMSI	1346
A2 Protein	A1/A2

DP - INT

	8/12/2023
	11/2023



**SHARPE ARENA
SHORTLIST-ET S2F**

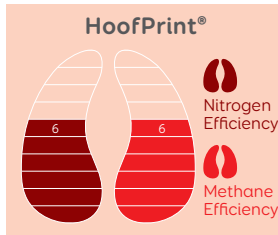
EBI/REL
120/36%

IRELAND VALUES

Milk Prod SI	45	Calving Interval (days)	-2.26
Fertility SI	47	Survival	1.51
Carbon SI	4	Cow Calving Difficulty	2.81
Calving SI	14	Heifer Calving Difficulty	7.31
Beef SI	-8	Somatic Cell Count	-0.02
Health SI	2	Milk kg	-120
Maintenance SI	12	Fat kg/%	9/0.03
Management SI	3	Protein kg/%	3/0.12

NEW ZEALAND DETAILS

0 NZ Daughters



gBW/Rel **399/53%**

Breeding Details

Split	F16
Sire	MEANDER MG ARENA-ET S3F
MGS	VAN HEUVENS VA REMEDY S1F
MGGS	WHINLEA PF ESTEEM-ET S2F

Volume	791	Protein	43/4.0	Milkfat	53/5.0
Somatic Cell	-0.01	Cow CD	0.5/70	Heifer CD	5.5/21
Gestation Length	-7.0	Body Cond	0.00	Func Surv	2.2
Fertility	-2.4	Liveweight	62	Udd Over	0.47

NZ Evaluation Data

0 Daughters TOP Inspected

Management	gBV	-0.5	0	0.5	1.0
Adapts to Milking	0.28	[Progress bar]			
Shed Temperament	0.28	[Progress bar]			
Milking Speed	0.14	[Progress bar]			
Overall Opinion	0.36	[Progress bar]			
Conformation	gBV	-0.5	0	0.5	1.0
Stature	0.73	[Progress bar]			
Capacity	0.49	[Progress bar]			
Rump Angle	0.09	[Progress bar]			
Rump Width	0.82	[Progress bar]			
Legs	-0.13	[Progress bar]			
Udder Support	0.51	[Progress bar]			
Front Udder	0.38	[Progress bar]			
Rear Udder	0.21	[Progress bar]			
Front Teat Placement	0.42	[Progress bar]			
Rear Teat Placement	0.86	[Progress bar]			
Teat Length	-0.42	[Progress bar]			
Udder Overall	0.47	[Progress bar]			
Dairy Conformation	0.39	[Progress bar]			

LIC Initiatives

High Input	1370
VMSI	1370
A2 Protein	A2/A2

	8/12/2023
	11/2023





Daughter of GALANT

**BELLAMYS DM
GALANT-ET S1F**

 EBI/REL
268/63%


Half Sister of ASTIR

**MEANDER SAMBA
ASTIR-ET S3F**

 EBI/REL
135/37%
IRELAND VALUES

Milk Prod SI	110	Calving Interval (days)	-5.75
Fertility SI	96	Survival	1.91
Carbon SI	16	Cow Calving Difficulty	2.24
Calving SI	52	Heifer Calving Difficulty	4.48
Beef SI	-57	Somatic Cell Count	-0.19
Health SI	24	Milk kg	-125
Maintenance SI	24	Fat kg/%	20/0.45
Management SI	4	Protein kg/%	10/0.25

IRELAND VALUES

Milk Prod SI	44	Calving Interval (days)	-1.74
Fertility SI	35	Survival	1.06
Carbon SI	5	Cow Calving Difficulty	2.23
Calving SI	24	Heifer Calving Difficulty	4.96
Beef SI	0	Somatic Cell Count	-0.07
Health SI	4	Milk kg	20
Maintenance SI	12	Fat kg/%	4/0.06
Management SI	10	Protein kg/%	6/0.1

NEW ZEALAND DETAILS

3267 NZ Daughters

HoofPrint®

Nitrogen Efficiency

Methane Efficiency

gBW/Rel **414/98%**

Breeding Details

Split F16

Sire DICKSONS BG MANDATE S1F

MGS SAN RAY FM BEAMER-ET S2F

MGGS VALDEN HI APPLAUSE-ET S2F

Volume	65	Protein	28/4.3	Milkfat	47/5.7
Somatic Cell	-0.22	Cow CD	0.1/94	Heifer CD	5.1/92
Gestation Length	-2.2	Body Cond	0.12	Func Surv	2.7
Fertility	5.2	Liveweight	53	Udd Over	0.34

NEW ZEALAND DETAILS

0 NZ Daughters

HoofPrint®

Nitrogen Efficiency

Methane Efficiency

gBW/Rel **438/59%**

Breeding Details

Split F16

Sire TRONNOCO MH SAMBA-ET S3F

MGS SAN RAY FM BEAMER-ET S2F

MGGS FARSSIDE M ILLUSTRIOUS S3F

Volume	909	Protein	48/4.0	Milkfat	45/4.8
Somatic Cell	0.00	Cow CD	2.2/71	Heifer CD	4.5/27
Gestation Length	-6.3	Body Cond	0.07	Func Surv	5.3
Fertility	4.5	Liveweight	66	Udd Over	0.85

NZ Evaluation Data

138 Daughters TOP Inspected

Management	gBV	-0.5	0	0.5	1.0
Adapts to Milking	0.14				
Shed Temperament	0.13				
Milking Speed	0.21				
Overall Opinion	0.25				
Conformation	gBV	-0.5	0	0.5	1.0
Stature	0.74				
Capacity	0.73				
Rump Angle	0.13				
Rump Width	0.97				
Legs	0.09				
Udder Support	0.34				
Front Udder	0.43				
Rear Udder	0.34				
Front Teat Placement	0.00				
Rear Teat Placement	0.17				
Teat Length	-0.29				
Udder Overall	0.34				
Dairy Conformation	0.79				

NZ Evaluation Data

0 Daughters TOP Inspected

Management	gBV	-0.5	0	0.5	1.0
Adapts to Milking	0.41				
Shed Temperament	0.41				
Milking Speed	0.27				
Overall Opinion	0.57				
Conformation	gBV	-0.5	0	0.5	1.0
Stature	1.16				
Capacity	0.17				
Rump Angle	-0.04				
Rump Width	0.45				
Legs	-0.23				
Udder Support	0.71				
Front Udder	0.75				
Rear Udder	0.62				
Front Teat Placement	0.35				
Rear Teat Placement	0.07				
Teat Length	-0.21				
Udder Overall	0.85				
Dairy Conformation	0.42				

LIC Initiatives

DP - INT

High Input	1356
VMSI	1337
A2 Protein	A2/A2

8/12/2023

11/2023


LIC Initiatives

High Input	1414
VMSI	1391
A2 Protein	A1/A2

8/12/2023

11/2023





Half Sister of DARIUS

**SCOTTS BV
DARIUS-ET**

IRELAND VALUES

EBI DATA not yet available			
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NEW ZEALAND DETAILS

96 NZ Daughters

HoofPrint® gBW/Rel **494/84%**

Breeding Details

Split	F16
Sire	BUSY BROOK WTP VECTOR S3F
MGS	HAZEL DAUNTLESS FREEDOM
MGGS	FARSIDE M ILLUSTRIOUS S3F

Nitrogen Efficiency
Methane Efficiency

Volume	1133	Protein	48/3.9	Milkfat	71/5.1
Somatic Cell	-0.21	Cow CD	-0.7/73	Heifer CD	3.0/38
Gestation Length	-3.7	Body Cond	0.25	Func Surv	2.7
Fertility	1.4	Liveweight	101	Udd Over	0.44

NZ Evaluation Data

85 Daughters TOP Inspected

Management	gBV	-0.5	0	0.5	1.0
Adapts to Milking	0.78	[Progress bar]			
Shed Temperament	0.80	[Progress bar]			
Milking Speed	0.31	[Progress bar]			
Overall Opinion	0.79	[Progress bar]			
Conformation	gBV	-0.5	0	0.5	1.0
Stature	1.17	[Progress bar]			
Capacity	0.65	[Progress bar]			
Rump Angle	-0.24	[Progress bar]			
Rump Width	1.01	[Progress bar]			
Legs	-0.08	[Progress bar]			
Udder Support	0.50	[Progress bar]			
Front Udder	0.32	[Progress bar]			
Rear Udder	0.36	[Progress bar]			
Front Teat Placement	0.08	[Progress bar]			
Rear Teat Placement	0.17	[Progress bar]			
Teat Length	-0.46	[Progress bar]			
Udder Overall	0.44	[Progress bar]			
Dairy Conformation	0.74	[Progress bar]			

LIC Initiatives

DP - INT

High Input	1448		8/12/2023
VMSI	1432		8/12/2023
A2 Protein	A1/A2		11/2023



**MATTAJUDE MA
MAGNIFICENT S3F**

EBI/REL
129/35%

IRELAND VALUES

Milk Prod SI	40	Calving Interval (days)	-1.63
Fertility SI	31	Survival	0.84
Carbon SI	0	Cow Calving Difficulty	2.33
Calving SI	26	Heifer Calving Difficulty	5.12
Beef SI	14	Somatic Cell Count	-0.04
Health SI	4	Milk kg	2
Maintenance SI	9	Fat kg/%	8/0.13
Management SI	5	Protein kg/%	4/0.07

NEW ZEALAND DETAILS

0 NZ Daughters

HoofPrint® gBW/Rel **388/54%**

Breeding Details

Split	F16
Sire	MEANDER MG ARENA-ET S3F
MGS	TAFTS TT OFFICIAL-ET S2F
MGGS	HAZEL DAUNTLESS FREEDOM

Nitrogen Efficiency
Methane Efficiency

Volume	1158	Protein	50/3.9	Milkfat	49/4.6
Somatic Cell	0.16	Cow CD	2.6/68	Heifer CD	4.4/17
Gestation Length	-3.8	Body Cond	0.11	Func Surv	1.8
Fertility	1.3	Liveweight	84	Udd Over	0.73

NZ Evaluation Data

0 Daughters TOP Inspected

Management	gBV	-0.5	0	0.5	1.0
Adapts to Milking	0.75	[Progress bar]			
Shed Temperament	0.77	[Progress bar]			
Milking Speed	0.18	[Progress bar]			
Overall Opinion	0.73	[Progress bar]			
Conformation	gBV	-0.5	0	0.5	1.0
Stature	1.13	[Progress bar]			
Capacity	0.39	[Progress bar]			
Rump Angle	0.47	[Progress bar]			
Rump Width	0.73	[Progress bar]			
Legs	0.04	[Progress bar]			
Udder Support	0.69	[Progress bar]			
Front Udder	0.59	[Progress bar]			
Rear Udder	0.41	[Progress bar]			
Front Teat Placement	0.58	[Progress bar]			
Rear Teat Placement	0.90	[Progress bar]			
Teat Length	-0.09	[Progress bar]			
Udder Overall	0.73	[Progress bar]			
Dairy Conformation	0.45	[Progress bar]			

LIC Initiatives

High Input	1390		8/12/2023
VMSI	1373		8/12/2023
A2 Protein	A1/A2		11/2023





Half Sister of ALLOY

**MEANDER TS
ALLOY-ET S1F**

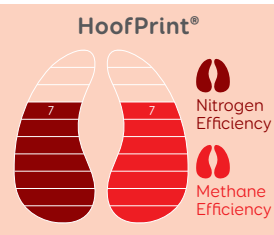
EBI/REL
210/19%

IRELAND VALUES

Milk Prod SI	113	Calving Interval (days)	-2.56
Fertility SI	51	Survival	1.54
Carbon SI	-3	Cow Calving Difficulty	2.42
Calving SI	37	Heifer Calving Difficulty	5.86
Beef SI	-12	Somatic Cell Count	-0.04
Health SI	3	Milk kg	252
Maintenance SI	16	Fat kg/%	20/0.17
Management SI	4	Protein kg/%	16/0.11

NEW ZEALAND DETAILS

190 NZ Daughters



gBW/Rel **547/89%**

Breeding Details

Split	F16
Sire	TAFTS GR SUPERVISOR S1F
MGS	FARSI M ILLUSTRIOUS S3F
MGGS	O-BEE MANFRED JUSTICE-ET

Volume	757	Protein	43/4.1	Milkfat	78/5.5
Somatic Cell	-0.26	Cow CD	-0.2/96	Heifer CD	1.8/70
Gestation Length	-7.8	Body Cond	0.15	Func Surv	3.1
Fertility	2.8	Liveweight	79	Udd Over	0.19

NZ Evaluation Data

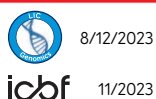
117 Daughters TOP Inspected

Management	gBV	-0.5	0	0.5	1.0
Adapts to Milking	0.25				
Shed Temperament	0.24				
Milking Speed	0.30				
Overall Opinion	0.45				
Conformation	gBV	-0.5	0	0.5	1.0
Stature	0.55				
Capacity	-0.12				
Rump Angle	-0.30				
Rump Width	0.64				
Legs	-0.21				
Udder Support	0.18				
Front Udder	-0.10				
Rear Udder	0.37				
Front Teat Placement	-0.13				
Rear Teat Placement	-0.38				
Teat Length	0.03				
Udder Overall	0.19				
Dairy Conformation	-0.09				

LIC Initiatives

DP - INT

High Input	1450
VMSI	1447
A2 Protein	A1/A2



**FERNGLADE ST
TOTEM-ET S1F**

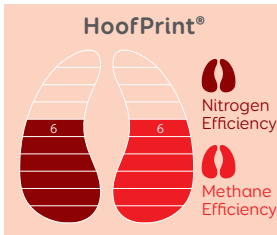
EBI/REL
195/20%

IRELAND VALUES

Milk Prod SI	85	Calving Interval (days)	-1.35
Fertility SI	46	Survival	2.36
Carbon SI	6	Cow Calving Difficulty	2.40
Calving SI	36	Heifer Calving Difficulty	5.95
Beef SI	-25	Somatic Cell Count	-0.06
Health SI	11	Milk kg	245
Maintenance SI	28	Fat kg/%	16/0.11
Management SI	8	Protein kg/%	13/0.08

NEW ZEALAND DETAILS

78 NZ Daughters



gBW/Rel **466/82%**

Breeding Details

Split	F16
Sire	STOUPES BG TRIUMPHANT S1F
MGS	MAIRE PF GOLDEN BOY S2F
MGGS	HIGGINS FORMAT

Volume	800	Protein	35/3.9	Milkfat	65/5.2
Somatic Cell	-0.05	Cow CD	2.7/82	Heifer CD	3.0/30
Gestation Length	-2.3	Body Cond	0.21	Func Surv	1.6
Fertility	0.7	Liveweight	44	Udd Over	0.30

NZ Evaluation Data

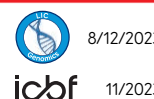
59 Daughters TOP Inspected

Management	gBV	-0.5	0	0.5	1.0
Adapts to Milking	0.26				
Shed Temperament	0.28				
Milking Speed	-0.17				
Overall Opinion	0.34				
Conformation	gBV	-0.5	0	0.5	1.0
Stature	0.25				
Capacity	0.20				
Rump Angle	0.02				
Rump Width	0.32				
Legs	0.18				
Udder Support	0.29				
Front Udder	0.13				
Rear Udder	0.01				
Front Teat Placement	0.35				
Rear Teat Placement	0.24				
Teat Length	0.23				
Udder Overall	0.30				
Dairy Conformation	0.29				

LIC Initiatives

DP - INT

High Input	1384
VMSI	1366
A2 Protein	A1/A2





Daughter of DEALER

**BUSY BROOK
DEALER-ET S2F**

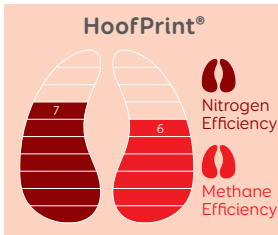
EBI/REL
193/55%

IRELAND VALUES

Milk Prod SI	105	Calving Interval (days)	-1.64
Fertility SI	47	Survival	2.13
Carbon SI	6	Cow Calving Difficulty	2.56
Calving SI	33	Heifer Calving Difficulty	6.21
Beef SI	-36	Somatic Cell Count	-0.01
Health SI	1	Milk kg	245
Maintenance SI	24	Fat kg/%	20/0.17
Management SI	14	Protein kg/%	15/0.11

NEW ZEALAND DETAILS

90 NZ Daughters



gBW/Rel **434/86%**

Breeding Details

Split	F15J1
Sire	BOTHWELL WT MAXIMA S2F
MGS	FARSHIDE M ILLUSTRIOUS S3F
MGGS	MACFARLANES DAUNTLESS

Volume	1279	Protein	48/3.8	Milkfat	55/4.6
Somatic Cell	0.20	Cow CD	1.2/70	Heifer CD	2.6/34
Gestation Length	-3.2	Body Cond	-0.04	Func Surv	2.8
Fertility	0.3	Liveweight	33	Udd Over	0.65

NZ Evaluation Data

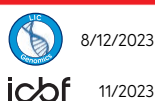
88 Daughters TOP Inspected

Management	gBV	-0.5	0	0.5	1.0
Adapts to Milking	0.36				
Shed Temperament	0.37				
Milking Speed	0.07				
Overall Opinion	0.55				
Conformation	gBV	-0.5	0	0.5	1.0
Stature	0.55				
Capacity	0.34				
Rump Angle	-0.69				
Rump Width	0.06				
Legs	-0.09				
Udder Support	0.68				
Front Udder	0.87				
Rear Udder	0.33				
Front Teat Placement	0.12				
Rear Teat Placement	0.11				
Teat Length	-0.49				
Udder Overall	0.65				
Dairy Conformation	0.26				

LIC Initiatives

DP - INT

High Input	1411
VMSI	1388
A2 Protein	A1/A2



Half Sister of IMPACT

**TITI MAX
IMPACT S2F**

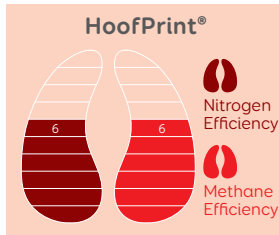
EBI/REL
164/54%

IRELAND VALUES

Milk Prod SI	69	Calving Interval (days)	-2.09
Fertility SI	55	Survival	2.30
Carbon SI	23	Cow Calving Difficulty	2.79
Calving SI	27	Heifer Calving Difficulty	6.10
Beef SI	-55	Somatic Cell Count	0.01
Health SI	-5	Milk kg	-5
Maintenance SI	45	Fat kg/%	16/0.28
Management SI	3	Protein kg/%	6/0.11

NEW ZEALAND DETAILS

97 NZ Daughters



gBW/Rel **350/87%**

Breeding Details

Split	F15J1
Sire	BOTHWELL WT MAXIMA S2F
MGS	GREENWELL MD BRUTUS S3F
MGGS	VALDEN HI APPLAUSE-ET S2F

Volume	748	Protein	28/3.8	Milkfat	52/5.1
Somatic Cell	-0.02	Cow CD	-1.2/67	Heifer CD	1.0/34
Gestation Length	-2.5	Body Cond	0.04	Func Surv	3.2
Fertility	3.4	Liveweight	48	Udd Over	0.38

NZ Evaluation Data

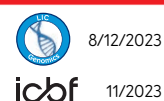
89 Daughters TOP Inspected

Management	gBV	-0.5	0	0.5	1.0
Adapts to Milking	0.07				
Shed Temperament	0.06				
Milking Speed	0.19				
Overall Opinion	0.22				
Conformation	gBV	-0.5	0	0.5	1.0
Stature	0.46				
Capacity	0.38				
Rump Angle	0.19				
Rump Width	0.58				
Legs	0.10				
Udder Support	0.44				
Front Udder	0.38				
Rear Udder	0.04				
Front Teat Placement	0.36				
Rear Teat Placement	0.61				
Teat Length	0.15				
Udder Overall	0.38				
Dairy Conformation	0.47				

LIC Initiatives

DP - INT

High Input	1323
VMSI	1310
A2 Protein	A2/A2





Half Sister of BRO

FR8244 LIC BOPURU BRO EBI/REL **306/64%**



Half Sister of BAKERBOY

MCKAY BM BAKERBOY-ET S2F EBI/REL **187/20%**

IRELAND VALUES

Milk Prod SI	118	Calving Interval (days)	-7.46
Fertility SI	134	Survival	3.19
Carbon SI	14	Cow Calving Difficulty	3.00
Calving SI	35	Heifer Calving Difficulty	7.33
Beef SI	-36	Somatic Cell Count	-0.16
Health SI	22	Milk kg	70
Maintenance SI	22	Fat kg/%	23/0.35
Management SI	-2	Protein kg/%	13/0.18

IRELAND VALUES

Milk Prod SI	79	Calving Interval (days)	-2.06
Fertility SI	56	Survival	2.39
Carbon SI	12	Cow Calving Difficulty	2.66
Calving SI	26	Heifer Calving Difficulty	6.63
Beef SI	-24	Somatic Cell Count	-0.01
Health SI	4	Milk kg	52
Maintenance SI	28	Fat kg/%	15/0.22
Management SI	6	Protein kg/%	9/0.13

NEW ZEALAND DETAILS 0 NZ Daughters

HoofPrint®

gBW/Rel **428/52%**

Breeding Details

Split F15J1

Sire CARSONS FM CAIRO S3F

MGS SAVANNAHS HF HAMMER S1F

MGGS BAGWORTH LANCE CAMELOT

Nitrogen Efficiency

Methane Efficiency

Volume	360	Protein	28/4.1	Milkfat	49/5.4
Somatic Cell	-0.24	Cow CD	-0.2/32	Heifer CD	0.6/31
Gestation Length	-2.7	Body Cond	0.16	Func Surv	3.8
Fertility	8.4	Liveweight	41	Udd Over	0.04

NEW ZEALAND DETAILS 174 NZ Daughters

HoofPrint®

gBW/Rel **407/87%**

Breeding Details

Split F15J1

Sire BOTHWELL WT MAXIMA S2F

MGS BUSY BROOK RASTUS-ET S3F

MGGS SRC LAKESIDE DG MAGIC

Nitrogen Efficiency

Methane Efficiency

Volume	1145	Protein	49/3.9	Milkfat	66/4.9
Somatic Cell	0.73	Cow CD	0.9/96	Heifer CD	2.0/67
Gestation Length	-5.7	Body Cond	-0.03	Func Surv	2.9
Fertility	1.7	Liveweight	91	Udd Over	0.60

NZ Evaluation Data 0 Daughters TOP Inspected

Management	gBV	-0.5	0	0.5	1.0
Adapts to Milking	0.05				
Shed Temperament	0.05				
Milking Speed	-0.18				
Overall Opinion	0.18				
Conformation	gBV	-0.5	0	0.5	1.0
Stature	0.60				
Capacity	0.01				
Rump Angle	-0.12				
Rump Width	0.05				
Legs	0.10				
Udder Support	0.30				
Front Udder	0.05				
Rear Udder	-0.02				
Front Teat Placement	-0.17				
Rear Teat Placement	0.26				
Teat Length	-0.55				
Udder Overall	0.04				
Dairy Conformation	0.18				

NZ Evaluation Data 107 Daughters TOP Inspected

Management	gBV	-0.5	0	0.5	1.0
Adapts to Milking	0.43				
Shed Temperament	0.43				
Milking Speed	0.30				
Overall Opinion	0.62				
Conformation	gBV	-0.5	0	0.5	1.0
Stature	1.01				
Capacity	0.74				
Rump Angle	0.20				
Rump Width	0.56				
Legs	0.01				
Udder Support	0.55				
Front Udder	0.44				
Rear Udder	0.41				
Front Teat Placement	0.44				
Rear Teat Placement	0.71				
Teat Length	-0.15				
Udder Overall	0.60				
Dairy Conformation	0.72				

LIC Initiatives

High Input	1352		8/12/2023
VMSI	1328		11/2023
A2 Protein	A1/A2		



LIC Initiatives

High Input	1420		8/12/2023
VMSI	1398		11/2023
A2 Protein	A1/A2		





Half Sister of PAL

FR9241 LIC BOPURU PAL

EBI/REL
320/57%



Daughter of GLACIER

FR9715 BUELIN MG GLACIER

EBI/REL
152/62%

IRELAND VALUES

Milk Prod SI	112	Calving Interval (days)	-8.15
Fertility SI	146	Survival	3.52
Carbon SI	21	Cow Calving Difficulty	2.51
Calving SI	31	Heifer Calving Difficulty	6.47
Beef SI	-29	Somatic Cell Count	-0.11
Health SI	10	Milk kg	-8
Maintenance SI	29	Fat kg/%	19/0.34
Management SI	0	Protein kg/%	12/0.22

IRELAND VALUES

Milk Prod SI	87	Calving Interval (days)	-3.31
Fertility SI	51	Survival	0.74
Carbon SI	3	Cow Calving Difficulty	3.10
Calving SI	24	Heifer Calving Difficulty	7.18
Beef SI	-23	Somatic Cell Count	-0.01
Health SI	-5	Milk kg	59
Maintenance SI	11	Fat kg/%	15/0.22
Management SI	3	Protein kg/%	10/0.15

NEW ZEALAND DETAILS

0 NZ Daughters

HoofPrint®

Nitrogen Efficiency

Methane Efficiency

gBW/Rel **298/50%**

Breeding Details

Split F16

Sire TANGLEWOOD MT KAURI S2F

MGS HAZAEL LIGHT DETECTOR S2F

MGGS BAGWORTH ELLISTON BELL-ET

Volume	398	Protein	25/4.0	Milkfat	33/5.0
Somatic Cell	-0.07	Cow CD	0.6/23	Heifer CD	1.4/12
Gestation Length	-0.2	Body Cond	0.14	Func Surv	1.3
Fertility	4.3	Liveweight	28	Udd Over	-0.03

NEW ZEALAND DETAILS

99 NZ Daughters

HoofPrint®

Nitrogen Efficiency

Methane Efficiency

gBW/Rel **305/87%**

Breeding Details

Split F16

Sire MAIRE IG GAUNTLET-ET

MGS FARSIDE M ILLUSTRIOUS S3F

MGGS SRD WHINLEA KL ECLIPSE-ET

Volume	627	Protein	31/3.9	Milkfat	41/5.0
Somatic Cell	-0.09	Cow CD	2.6/90	Heifer CD	3.7/37
Gestation Length	0.9	Body Cond	0.19	Func Surv	1.2
Fertility	-4.6	Liveweight	52	Udd Over	0.75

NZ Evaluation Data

0 Daughters TOP Inspected

Management	gBV	-0.5	0	0.5	1.0
Adapts to Milking	0.13				
Shed Temperament	0.15				
Milking Speed	-0.30				
Overall Opinion	0.15				
Conformation	gBV	-0.5	0	0.5	1.0
Stature	0.30				
Capacity	0.36				
Rump Angle	-0.39				
Rump Width	0.07				
Legs	-0.04				
Udder Support	0.08				
Front Udder	-0.17				
Rear Udder	0.03				
Front Teat Placement	-0.05				
Rear Teat Placement	0.17				
Teat Length	-0.04				
Udder Overall	-0.03				
Dairy Conformation	0.19				

NZ Evaluation Data

86 Daughters TOP Inspected

Management	gBV	-0.5	0	0.5	1.0
Adapts to Milking	0.60				
Shed Temperament	0.60				
Milking Speed	0.28				
Overall Opinion	0.73				
Conformation	gBV	-0.5	0	0.5	1.0
Stature	0.52				
Capacity	0.33				
Rump Angle	-0.09				
Rump Width	0.50				
Legs	0.11				
Udder Support	0.71				
Front Udder	0.93				
Rear Udder	0.53				
Front Teat Placement	0.12				
Rear Teat Placement	0.04				
Teat Length	-0.87				
Udder Overall	0.75				
Dairy Conformation	0.34				

LIC Initiatives

High Input	1247		8/12/2023
VMSI	1223		11/2023
A2 Protein	A2/A2		



LIC Initiatives

High Input	1294		8/12/2023
VMSI	1288		11/2023
A2 Protein	A1/A2		





Daughter of MALBEC

FR5929 LIGHTBURN B EBI/REL
MALBEC-ET S3F **181/81%**



Daughter of EXCELLENT

FR9385 FANANA BM EBI/REL
EXCELLENT S2F **181/58%**

IRELAND VALUES

Milk Prod SI	91	Calving Interval (days)	-4.39
Fertility SI	80	Survival	1.98
Carbon SI	9	Cow Calving Difficulty	3.57
Calving SI	5	Heifer Calving Difficulty	9.37
Beef SI	-24	Somatic Cell Count	-0.08
Health SI	7	Milk kg	-16
Maintenance SI	15	Fat kg/%	13/0.24
Management SI	-1	Protein kg/%	11/0.20

IRELAND VALUES

Milk Prod SI	77	Calving Interval (days)	-2.23
Fertility SI	59	Survival	2.48
Carbon SI	23	Cow Calving Difficulty	2.56
Calving SI	27	Heifer Calving Difficulty	5.96
Beef SI	-59	Somatic Cell Count	-0.05
Health SI	8	Milk kg	-109
Maintenance SI	38	Fat kg/%	16/0.37
Management SI	9	Protein kg/%	6/0.17

NEW ZEALAND DETAILS 810 NZ Daughters

gBW/Rel **241/96%**

Breeding Details

Split F15J1

Sire SAN RAY FM BEAMER-ET S2F

MGS WOODCOTE TF MAXIMISER

MGGG SRD JENERAYTIONS BANQUET

Volume	316	Protein	29/4.1	Milkfat	19/4.8
Somatic Cell	-0.06	Cow CD	5.2/92	Heifer CD	5.1/56
Gestation Length	-0.3	Body Cond	0.24	Func Surv	3.2
Fertility	0.9	Liveweight	67	Udd Over	1.03

NEW ZEALAND DETAILS 127 NZ Daughters

gBW/Rel **325/88%**

Breeding Details

Split F16

Sire BOTHWELL WT MAXIMA S2F

MGS SPRING TRALEE BOSS-ET S3F

MGGG WOODCOTE GR METEOR-ET S3F

Volume	457	Protein	20/3.8	Milkfat	37/5.0
Somatic Cell	-0.22	Cow CD	0.0/77	Heifer CD	0.9/40
Gestation Length	-3.8	Body Cond	0.11	Func Surv	5.4
Fertility	3.2	Liveweight	25	Udd Over	1.27

NZ Evaluation Data 155 Daughters TOP Inspected

Management	gBV	-0.5	0	0.5	1.0
Adapts to Milking	0.24				
Shed Temperament	0.26				
Milking Speed	-0.33				
Overall Opinion	0.29				
Conformation	gBV	-0.5	0	0.5	1.0
Stature	0.74				
Capacity	0.69				
Rump Angle	-0.26				
Rump Width	0.24				
Legs	-0.06				
Udder Support	0.82				
Front Udder	0.95				
Rear Udder	0.71				
Front Teat Placement	0.59				
Rear Teat Placement	0.42				
Teat Length	-0.32				
Udder Overall	1.03				
Dairy Conformation	0.74				

NZ Evaluation Data 88 Daughters TOP Inspected

Management	gBV	-0.5	0	0.5	1.0
Adapts to Milking	0.36				
Shed Temperament	0.37				
Milking Speed	0.10				
Overall Opinion	0.38				
Conformation	gBV	-0.5	0	0.5	1.0
Stature	0.38				
Capacity	0.37				
Rump Angle	-0.09				
Rump Width	-0.01				
Legs	0.05				
Udder Support	1.19				
Front Udder	0.95				
Rear Udder	0.98				
Front Teat Placement	0.77				
Rear Teat Placement	1.31				
Teat Length	-0.30				
Udder Overall	1.27				
Dairy Conformation	0.35				

LIC Initiatives

High Input	1263
VMSI	1228
A2 Protein	A1/A2

DP - INT

8/12/2023

11/2023


LIC Initiatives

High Input	1338
VMSI	1311
A2 Protein	A2/A2

DP - INT

8/12/2023

11/2023





Daughter of **TRAPEZE**

FR7974 GLENMEAD SB EBI/REL
TRAPEZE S1F **294/69%**

IRELAND VALUES

Milk Prod SI	86	Calving Interval (days)	-7.09
Fertility SI	132	Survival	3.47
Carbon SI	30	Cow Calving Difficulty	2.26
Calving SI	50	Heifer Calving Difficulty	3.98
Beef SI	-56	Somatic Cell Count	-0.06
Health SI	6	Milk kg	-149
Maintenance SI	32	Fat kg/%	13/0.34
Management SI	14	Protein kg/%	8/0.23

NEW ZEALAND DETAILS 6380 NZ Daughters

HoofPrint® gBW/Rel **344/98%**

Breeding Details

Split	F15J1
Sire	SPRING TRALEE BASS-ET S2F
MGS	BUSY BROOK REVITUP-ET S2F
MGGS	HOWIES CHECKPOINT

Nitrogen Efficiency
Methane Efficiency

Volume	165	Protein	23/4.1	Milkfat	28/5.2
Somatic Cell	-0.08	Cow CD	0.2/95	Heifer CD	-1.9/95
Gestation Length	-5.9	Body Cond	0.13	Func Surv	2.2
Fertility	4.6	Liveweight	15	Udd Over	0.67

NZ Evaluation Data 101 Daughters TOP Inspected

Management	gBV	-0.5	0	0.5	1.0
Adapts to Milking	0.30				
Shed Temperament	0.30				
Milking Speed	0.21				
Overall Opinion	0.38				
Conformation	gBV	-0.5	0	0.5	1.0
Stature	0.14				
Capacity	0.52				
Rump Angle	0.50				
Rump Width	0.25				
Legs	0.03				
Udder Support	0.63				
Front Udder	0.59				
Rear Udder	0.40				
Front Teat Placement	0.43				
Rear Teat Placement	0.60				
Teat Length	-1.07				
Udder Overall	0.67				
Dairy Conformation	0.40				

LIC Initiatives DP - INT

High Input	1299		8/12/2023
VMSI	1276		11/2023
A2 Protein	A2/A2		



Daughter of **KAURI**

FR5902 TANGLEWOOD MT EBI/REL
KAURI S2F **230/80%**

IRELAND VALUES

Milk Prod SI	88	Calving Interval (days)	-6.10
Fertility SI	115	Survival	3.06
Carbon SI	18	Cow Calving Difficulty	3.06
Calving SI	17	Heifer Calving Difficulty	7.50
Beef SI	-33	Somatic Cell Count	-0.12
Health SI	3	Milk kg	-99
Maintenance SI	23	Fat kg/%	16/0.35
Management SI	0	Protein kg/%	8/0.20

NEW ZEALAND DETAILS 827 NZ Daughters

HoofPrint® gBW/Rel **292/96%**

Breeding Details

Split	F16
Sire	MITCHELLS WT TYPHOON S2F
MGS	SRC LAKESIDE DG MAGIC
MGGS	SRD JENERAYTIONS BANQUET

Nitrogen Efficiency
Methane Efficiency

Volume	325	Protein	22/4.0	Milkfat	35/5.2
Somatic Cell	-0.17	Cow CD	0.4/72	Heifer CD	1.3/39
Gestation Length	-0.7	Body Cond	0.22	Func Surv	2.1
Fertility	3.9	Liveweight	53	Udd Over	0.23

NZ Evaluation Data 80 Daughters TOP Inspected

Management	gBV	-0.5	0	0.5	1.0
Adapts to Milking	0.36				
Shed Temperament	0.37				
Milking Speed	0.05				
Overall Opinion	0.47				
Conformation	gBV	-0.5	0	0.5	1.0
Stature	0.75				
Capacity	0.16				
Rump Angle	-0.68				
Rump Width	0.03				
Legs	-0.15				
Udder Support	0.23				
Front Udder	0.14				
Rear Udder	0.26				
Front Teat Placement	-0.04				
Rear Teat Placement	-0.14				
Teat Length	0.35				
Udder Overall	0.23				
Dairy Conformation	0.20				

LIC Initiatives DP - INT

High Input	1246		8/12/2023
VMSI	1229		11/2023
A2 Protein	A1/A2		



Dam of BACKDROP

FR6730 ARKAN MGH EBI/REL
BACKDROP-ET S2F **312/75%**

IRELAND VALUES

Milk Prod SI	103	Calving Interval (days)	-6.56
Fertility SI	129	Survival	3.74
Carbon SI	14	Cow Calving Difficulty	2.35
Calving SI	49	Heifer Calving Difficulty	5.35
Beef SI	-1	Somatic Cell Count	-0.06
Health SI	3	Milk kg	-39
Maintenance SI	13	Fat kg/%	15/0.29
Management SI	1	Protein kg/%	12/0.23

NEW ZEALAND DETAILS 13929 NZ Daughters

HoofPrint® gBW/Rel **301/99%**

Breeding Details

Split	F15J1
Sire	MOURNEGROVEHOTHOUSES2F
MGS	FAIRMONT MINT-EDITION
MGGS	SRC HIBI SECRET SKELTON

Volume	147	Protein	24/4.2	Milkfat	20/5.0
Somatic Cell	0.01	Cow CD	-0.2/97	Heifer CD	0.3/97
Gestation Length	-6.8	Body Cond	0.53	Func Surv	6.0
Fertility	8.6	Liveweight	72	Udd Over	0.25

NZ Evaluation Data 159 Daughters TOP Inspected

Management	gBV	-0.5	0	0.5	1.0
Adapts to Milking	0.48				
Shed Temperament	0.49				
Milking Speed	0.21				
Overall Opinion	0.55				
Conformation	gBV	-0.5	0	0.5	1.0
Stature	0.45				
Capacity	0.28				
Rump Angle	0.02				
Rump Width	-0.16				
Legs	-0.01				
Udder Support	0.22				
Front Udder	0.32				
Rear Udder	-0.05				
Front Teat Placement	0.21				
Rear Teat Placement	-0.03				
Teat Length	0.26				
Udder Overall	0.25				
Dairy Conformation	0.14				

LIC Initiatives DP - INT

High Input	1230		8/12/2023
VMSI	1197		8/12/2023
A2 Protein	A1/A2		11/2023



Daughter of COLA

FR8775 HALLVILLE AS EBI/REL
COLA S2F **276/60%**

IRELAND VALUES

Milk Prod SI	104	Calving Interval (days)	-6.52
Fertility SI	97	Survival	1.20
Carbon SI	19	Cow Calving Difficulty	1.33
Calving SI	50	Heifer Calving Difficulty	2.82
Beef SI	-47	Somatic Cell Count	-0.09
Health SI	6	Milk kg	226
Maintenance SI	39	Fat kg/%	15/0.10
Management SI	8	Protein kg/%	16/0.14

NEW ZEALAND DETAILS 89 NZ Daughters

HoofPrint® gBW/Rel **352/88%**

Breeding Details

Split	F16
Sire	ARON-AMY MH SALUTE-ET S2F
MGS	BAGWORTH SH KINGSTON S1F
MGGS	MACFARLANES DAUNTLESS

Volume	880	Protein	38/3.9	Milkfat	25/4.4
Somatic Cell	0.10	Cow CD	0.1/79	Heifer CD	-2.8/81
Gestation Length	-7.2	Body Cond	0.20	Func Surv	3.5
Fertility	8.0	Liveweight	36	Udd Over	0.77

NZ Evaluation Data 82 Daughters TOP Inspected

Management	gBV	-0.5	0	0.5	1.0
Adapts to Milking	-0.12				
Shed Temperament	-0.13				
Milking Speed	-0.06				
Overall Opinion	0.04				
Conformation	gBV	-0.5	0	0.5	1.0
Stature	0.30				
Capacity	0.14				
Rump Angle	-0.08				
Rump Width	0.56				
Legs	0.03				
Udder Support	0.72				
Front Udder	0.62				
Rear Udder	0.40				
Front Teat Placement	0.37				
Rear Teat Placement	0.01				
Teat Length	-1.00				
Udder Overall	0.77				
Dairy Conformation	0.23				

LIC Initiatives DP - INT

High Input	1328		8/12/2023
VMSI	1285		8/12/2023
A2 Protein	A2/A2		11/2023



Daughter of SHAKIR

FR7977 TRONNOCO INCA EBI/REL
SHAKIR S3F **214/72%**

IRELAND VALUES

Milk Prod SI	89	Calving Interval (days)	-3.98
Fertility SI	89	Survival	3.16
Carbon SI	9	Cow Calving Difficulty	3.03
Calving SI	26	Heifer Calving Difficulty	7.21
Beef SI	-26	Somatic Cell Count	0.08
Health SI	6	Milk kg	-6
Maintenance SI	18	Fat kg/%	17/0.30
Management SI	3	Protein kg/%	9/0.16

NEW ZEALAND DETAILS 2905 NZ Daughters

HoofPrint® gBW/Rel **290/98%**

Breeding Details

Split	F16
Sire	GYDELAND EXCEL INCA S3F
MGS	MOURNE GROVE HOTHOUSE S2F
MGGS	WESTLAND CL JASPER-ET S1F

Nitrogen Efficiency
Methane Efficiency

Volume	371	Protein	25/4.0	Milkfat	42/5.2
Somatic Cell	0.60	Cow CD	0.6/80	Heifer CD	3.1/69
Gestation Length	-1.7	Body Cond	0.05	Func Surv	3.8
Fertility	1.8	Liveweight	40	Udd Over	0.36

NZ Evaluation Data 100 Daughters TOP Inspected

Management	gBV	-0.5	0	0.5	1.0
Adapts to Milking	0.25				
Shed Temperament	0.24				
Milking Speed	0.13				
Overall Opinion	0.40				
Conformation	gBV	-0.5	0	0.5	1.0
Stature	0.62				
Capacity	0.23				
Rump Angle	0.13				
Rump Width	0.15				
Legs	-0.02				
Udder Support	0.47				
Front Udder	0.24				
Rear Udder	0.44				
Front Teat Placement	-0.07				
Rear Teat Placement	0.32				
Teat Length	-0.20				
Udder Overall	0.36				
Dairy Conformation	0.31				

LIC Initiatives DP - INT

High Input	1275		8/12/2023
VMSI	1255		11/2023
A2 Protein	A2/A2		11/2023



Daughter of LANCELOT

FR5920 GORDONS AM EBI/REL
LANCELOT S3F **199/80%**

IRELAND VALUES

Milk Prod SI	101	Calving Interval (days)	-2.00
Fertility SI	54	Survival	2.30
Carbon SI	10	Cow Calving Difficulty	3.17
Calving SI	18	Heifer Calving Difficulty	8.18
Beef SI	-30	Somatic Cell Count	-0.06
Health SI	13	Milk kg	97
Maintenance SI	33	Fat kg/%	14/0.18
Management SI	0	Protein kg/%	14/0.18

NEW ZEALAND DETAILS 30276 NZ Daughters

HoofPrint® gBW/Rel **397/99%**

Breeding Details

Split	F16
Sire	ALJO TEF MAELSTROM-ET S3F
MGS	MACFARLANES DAUNTLESS
MGGS	MITCHELLS NOTEWORTHY S1F

Nitrogen Efficiency
Methane Efficiency

Volume	646	Protein	39/4.1	Milkfat	36/4.8
Somatic Cell	0.02	Cow CD	0.7/99	Heifer CD	2.4/94
Gestation Length	-2.1	Body Cond	0.17	Func Surv	3.8
Fertility	2.3	Liveweight	31	Udd Over	0.41

NZ Evaluation Data 331 Daughters TOP Inspected

Management	gBV	-0.5	0	0.5	1.0
Adapts to Milking	0.28				
Shed Temperament	0.28				
Milking Speed	0.26				
Overall Opinion	0.32				
Conformation	gBV	-0.5	0	0.5	1.0
Stature	0.51				
Capacity	0.65				
Rump Angle	0.15				
Rump Width	0.46				
Legs	-0.03				
Udder Support	0.54				
Front Udder	0.58				
Rear Udder	0.23				
Front Teat Placement	0.04				
Rear Teat Placement	0.41				
Teat Length	-0.97				
Udder Overall	0.41				
Dairy Conformation	0.67				

LIC Initiatives DP - INT

High Input	1345		8/12/2023
VMSI	1322		11/2023
A2 Protein	A1/A1		11/2023

2024

Jersey



Top 5 Performers

Breeding Worth

NZ Herd Average
NZ\$253

Bull Code	Name	gBW/Ret%	Page
318021	GLANTON DESI BANFF *	548/99	34
318032	SHELBY INTEG LABYRINTH ET *	514/92	33
318001	OKURA PEPPER LUCCA *	511/89	32
319066	TIRONUI GB MONTAGE -ET *	494/91	33
318066	LITTLE RIVER OI SAMURAI	482/91	36

EBI

Bull Code	Name	EBI (€)/Ret%	Page
320014	EVLEEN GL LIGHTHOUSE *	328/17	34
320020	THORNWOOD BANFF TITUS *	295/51	30
318021	GLANTON DESI BANFF *	273/73	34
316039	ULMARRATT GALLIVANT *	253/81	32
318009	TIRONUI SUPERMAN ET *	250/74	35

Protein

NZ Herd Average
4kg/4.14%

Bull Code	Name	Protein (kg/%)	Page
319066	TIRONUI GB MONTAGE -ET *	25/4.3	33
314004	BELLS OI FLOYD S3J	22/4.1	30
318009	TIRONUI SUPERMAN ET *	21/4.4	35
318035	SHELBY BC LOTTO ET S3J	21/4.4	37
318066	LITTLE RIVER OI SAMURAI	19/4.4	36

Fat

NZ Herd Average
16kg/5.44%

Bull Code	Name	Fat (kg/%)	Page
318001	OKURA PEPPER LUCCA *	58/6.0	32
318009	TIRONUI SUPERMAN ET *	51/6.0	35
318021	GLANTON DESI BANFF *	51/6.8	34
318032	SHELBY INTEG LABYRINTH ET *	51/6.1	33
318015	GLENUI SUPER LAMAR *	49/5.9	38

Fertility

NZ Herd Average
3.4%

Bull Code	Name	Fertility (%)	Page
322014	HAWTHORN GROVE GL ODYSSEUS *	9.5	36
314004	BELLS OI FLOYD S3J	7.7	30
318029	GLENUI BC LAREDO ET S3J *	7.5	30
319035	CAREYS CM LEXICON S2J *	7.1	37
320020	THORNWOOD BANFF TITUS *	7.0	30

Milk Volume

NZ Herd Average
-295 litres

Bull Code	Name	Volume (l)	Page
314004	BELLS OI FLOYD S3J	169	30
320014	EVLEEN GL LIGHTHOUSE *	23	34
319066	TIRONUI GB MONTAGE -ET *	15	33
318029	GLENUI BC LAREDO ET S3J *	10	30
318001	OKURA PEPPER LUCCA *	-6	32

SCC

NZ Herd Average
-0.09

Bull Code	Name	SCC	Page
318032	SHELBY INTEG LABYRINTH ET *	-0.52	33
318015	GLENUI SUPER LAMAR *	-0.50	38
322014	HAWTHORN GROVE GL ODYSSEUS *	-0.37	36
318021	GLANTON DESI BANFF *	-0.30	34
315009	RIVERVIEW AND DEXTER S2J *	-0.29	38

Capacity

NZ Herd Average
0.25

Bull Code	Name	Capacity	Page
319035	CAREYS CM LEXICON S2J *	0.97	37
319066	TIRONUI GB MONTAGE -ET *	0.88	33
320014	EVLEEN GL LIGHTHOUSE *	0.87	34
319037	OKURA TIRONUI BT MARCO ET *	0.87	35
322014	HAWTHORN GROVE GL ODYSSEUS *	0.86	36

Udder Overall

NZ Herd Average
0.29

Bull Code	Name	Udder Overall	Page
320020	THORNWOOD BANFF TITUS *	0.91	30
318015	GLENUI SUPER LAMAR *	0.78	38
319035	CAREYS CM LEXICON S2J *	0.73	37
320014	EVLEEN GL LIGHTHOUSE *	0.73	34
316039	ULMARRATT GALLIVANT *	0.68	32

Liveweight

NZ Herd Average
-42 kg

Bull Code	Name	Liveweight	Page
314004	BELLS OI FLOYD S3J	4	30
316039	ULMARRATT GALLIVANT *	-5	32
320020	THORNWOOD BANFF TITUS *	-6	30
319037	OKURA TIRONUI BT MARCO ET *	-6	35
319035	CAREYS CM LEXICON S2J *	-10	37

* Sexed semen is offered for Single AI use only. See page 3 for more information.

Striking Gold

By **Danie Swart**, LIC Bull Acquisition Manager

2023 will surely go down as among the wettest-ever for dairy farming in New Zealand, and I applaud the farmers for their resilience and ability to continue making a success of their farms. With the focus now on quality and efficiency of cows in your herd, in the future it will become increasingly crucial to breed replacements from your best cows. As usual, the quality of LIC bulls is a hot topic in spring, with the new crop of sires getting their proofs and changes from one Animal Evaluation (AE) run to the next. This makes it a very exciting time for LIC's breeding team. Normally, the team's main focus is on new graduates, but I'd also like to highlight Lucca - a very popular bull making his mark in the industry.

Okura Pepper **Lucca**

Okura stud of Luke and Lyna Beehre has made a phenomenal contribution to the industry over the years. Indeed thousands of cows in New Zealand have Okura bulls in their pedigree, including Lucca himself, as well as Kaino and Index, and the famous Hall of Fame bull, Integrity. Lucca has both Degree and Integrity in his pedigree, arguably two of the most influential Jersey sires of the past 20 years. His dam Okura Oli Lilac is from the L family, and is a super production cow with Production Worth and Lactation Worth recordings of more than 500.

Good production, longevity, and good classification scores are prominent in the maternal line. Lucca himself is one of the top-ranked proven bulls in the industry with excellent production and a combined fat and protein genomic breeding value (gBV) of greater than 75 kg. Combined with positive fertility and good conformation traits, it's no surprise that Lucca is a very popular sire.



Evleen GL **Lighthouse**

Rated highly by Evan and Shirleen Smeath, Evleen Goldie Lollie is the classified dam of Lighthouse. Every time I have seen this cow, I share the same opinion as being capacious with a stunning udder. Her dam, sired by Degree, was also a magnificent high-production cow. Lighthouse is a good all-rounder, ticking a great number of boxes with good components, size, fertility, and capacity, along with great udders.

Shelby Integ **Labyrinth ET**

From the stable of Troy Hughes and the Shelby Stud, Labyrinth is sired by one of LIC's Hall of Fame bulls, Okura LT Integrity and is also out of a high production Degree cow who's had four sons graduate through sire proving, Lotto being one of note to Irish farmers. This bull is certainly a production champion with fat gBV at 51 kgs and protein at 16 kgs. Positive fertility and excellent capacity of 0.75 are further attributes of this bull.



Jersey

Bull Code	IRE AB Code	Bull Name	gBW/Rel	Fertility %	Milk Volume	Fat kg	Protein kg	Fat %	Protein %	Somatic Cell Score	Functional Survival	Heifer CD /Rel%	Cow CD /Rel%	Liveweight	Body Condition Score	Capacity	Udder Overall
318021	JE8085	GLANTON DESI BANFF *	548/99	2.9	-626	51	16	6.8	4.8	-0.30	2.9	-2.2/98	-1.2/98	-29	0.12	0.65	0.33
318032	JE8751	SHELBY INTEG LABYRINTH ET *	514/92	1.9	-166	51	16	6.1	4.3	-0.52	2.9	-1.2/79	0.4/87	-37	0.14	0.75	0.26
318001	JE9538	OKURA PEPPER LUCCA *	511/89	1.9	-6	58	19	6.0	4.2	-0.20	2.8	-1.6/82	-1.0/87	-32	0.05	0.68	0.46
319066	JE8859	TIRONUI GB MONTAGE -ET *	494/91	2.2	15	47	25	5.7	4.3	-0.08	1.9	-2.3/83	-0.9/91	-19	0.20	0.88	0.42
318066	JE8853	LITTLE RIVER OI SAMURAI	482/91	4.3	-178	42	19	5.9	4.4	0.52	2.5	-1.7/86	-1.0/90	-56	0.12	0.74	0.31
318009	JE8088	TIRONUI SUPERMAN ET *	464/99	0.9	-119	51	21	6.0	4.4	0.07	0.3	-1.7/98	-0.4/98	-23	-0.06	0.56	0.64
318015	JE7998	GLENUI SUPER LAMAR *	452/98	2.2	-101	49	9	5.9	4.1	-0.50	3.2	-1.1/97	-0.7/97	-46	-0.04	0.46	0.78
318035	JE8763	SHELBY BC LOTTO ET S3J	451/98	6.2	-156	37	21	5.8	4.4	-0.08	3.3	-1.7/98	-0.9/97	-32	-0.02	0.09	0.28
319035	JE9319	CAREYS CM LEXICON S2J *	444/90	7.1	-714	36	8	6.5	4.7	-0.04	3.6	-3.1/52	-1.8/86	-10	0.28	0.97	0.73
314004	JE5992	BELLS OI FLOYD S3J	433/99	7.7	169	36	22	5.3	4.1	-0.22	3.3	-2.0/99	-1.5/98	4	0.29	0.56	0.35
319037	JE9484	OKURA TIRONUI BT MARCO ET *	422/95	5.5	-463	43	13	6.3	4.5	0.13	1.5	-1.3/83	-0.8/91	-6	0.22	0.87	0.12
320014	TBC	EVLEEN GL LIGHTHOUSE *	416/86	3.9	23	41	14	5.6	4.1	-0.10	4.0	-2.8/81	-1.3/90	-27	0.14	0.87	0.73
315009	JE5061	RIVERVIEW AND DEXTER S2J *	416/99	4.5	-86	30	18	5.5	4.3	-0.29	3.0	-1.0/97	-0.5/96	-17	0.19	0.77	0.65
322014	TBC	HAWTHORN GROVE GL ODYSSEUS *	402/54	9.5	-866	24	6	6.5	4.8	-0.37	2.6	-2.1/55	-1.3/71	-18	0.21	0.86	0.36
319009	JE8754	ARKAN BT ZAMBEZI S3J *	401/95	5.0	-259	29	17	5.7	4.4	0.15	-1.7	-1.2/93	-2.3/91	-59	-0.03	0.41	0.09
316039	JE6238	ULMARRA TT GALLIVANT *	401/98	4.7	-259	41	13	6.0	4.3	-0.09	3.0	-2.2/98	-0.7/97	-5	0.08	0.69	0.68
320020	JE9433	THORNWOOD BANFF TITUS *	396/90	7.0	-741	27	5	6.3	4.6	-0.19	5.0	-2.4/95	-1.3/96	-6	0.31	0.75	0.91
318029	JE8760	GLENUI BC LAREDO ET S3J *	373/98	7.5	10	17	16	5.1	4.1	0.33	6.4	-2.1/93	-0.9/93	-54	0.14	0.30	0.64

* Sexed semen is offered for Single AI use only. See page 3 for more information.
Publishing Date: 12/2023



GLANTON DESI **BANFF** *



SHELBY INTEG **LABYRINTH** ET *



OKURA PEPPER **LUCCA** *



GLENUI SUPER **LAMAR** *



SHELBY BC **LOTTO** ET S3J



CAREYS CM **LEXICON** S2J *



RIVERVIEW AND **DEXTER** S2J *



HAWTHORN GROVE GL **ODYSSEUS** *



ARKAN BT **ZAMBEZI** S3J *

HooPrint® Nitrogen/Methane	EBI/Rel%	Milk Prod SI	Fertility SI	Carbon SI	Milk kg	Fat kg	Protein kg	Fat %	Protein %	Dairy Heifer Calv Diff	Dairy Cow Calv Diff	Sire Name	Breed Split	VMSI	High Input	Gestation Length (days)	A2/A2	Page
10/10	273/73	124	63	29	-497	20	6	0.76	0.44	3.74	2.01	ARRIETA TERRIFIC DESI ET	J16	1358	1380	-7.9	A2/A2	34
8/9	220/67	122	51	16	-259	25	8	0.64	0.31	3.17	1.69	OKURA LT INTEGRITY	J16	1352	1368	-0.6	A1/A2	33
8/8	194/62	120	52	14	-107	28	9	0.57	0.22	3.44	1.58	ROMA DEGREE PEPPER	J16	1371	1391	4.4	A1/A2	32
8/8	180/55	102	26	13	-278	20	6	0.57	0.28	5.50	2.52	GLANTON SS BASTILLE S3J	J16	1342	1372	1.8	A2/A2	33
10/10	248/66	121	56	24	-259	24	8	0.63	0.31	4.85	2.07	OKURA LT INTEGRITY	J16	1319	1352	-0.5	A2/A2	36
7/8	250/74	146	64	20	-265	27	11	0.68	0.37	4.83	2.25	PUKETAWA AD SUPERSTITION	J16	1357	1378	-2.6	A2/A2	35
8/9	207/73	111	48	23	-201	25	7	0.60	0.25	4.67	2.14	PUKETAWA AD SUPERSTITION	J16	1339	1354	-2.7	A2/A2	38
10/10	204/69	92	55	25	-373	14	5	0.53	0.33	3.42	1.65	BELLS CM CONRAD S2J	J16	1320	1333	-0.5	A2/A2	37
9/9	184/52	96	44	13	-548	17	2	0.73	0.40	5.34	2.48	CRESCENT EXCELL MONOPOLY	J16	1302	1347	-4.8	A2/A2	37
8/8	235/82	116	64	19	-82	23	10	0.47	0.23	4.52	2.21	OKURA LT INTEGRITY	J15F1	1288	1334	-2.3	A2/A2	30
7/8	244/68	145	64	21	-252	26	12	0.64	0.37	4.10	1.95	BRAEDENE PAS TRIPLESTAR	J16	1279	1309	1.6	A2/A2	35
7/8	328/17	138	117	33	-186	26	11	0.57	0.30	3.67	1.79	GLENUI BC LAREDO ET S3J	J16	1303	1342	4.0	A2/A2	34
8/8	159/93	91	41	21	-200	15	7	0.40	0.25	5.19	2.29	ARRIETA NN DEGREE ET	J16	1296	1318	-1.8	A2/A2	38
9/9	171/35	45	89	16	-485	11	-4	0.57	0.24	5.37	2.23	GLENUI CM LAZARO	J16	1249	1286	-1.5	A2/A2	36
9/9	222/66	112	52	29	-361	19	7	0.62	0.36	2.51	1.37	BRAEDENE PAS TRIPLESTAR	J16	1252	1273	-1.5	A2/A2	30
7/8	253/81	108	86	26	-228	23	7	0.58	0.26	4.34	2.19	THORNWOOD OLM THOR	J16	1291	1325	-0.5	A1/A2	32
8/8	295/51	107	119	37	-357	18	6	0.59	0.35	3.71	1.92	GLANTON DESI BANFF	J16	1267	1312	-4.2	A2/A2	30
10/10	205/69	95	51	25	-162	18	8	0.43	0.23	3.67	1.77	BELLS CM CONRAD S2J	J16	1233	1277	-2.8	A2/A2	30

icbf 11/2023



8/12/2023



TIRONUI GB MONTAGE-ET*



LITTLE RIVER OI SAMURAI



TIRONUI SUPERMAN ET*



BELLS OI FLOYD S3J



OKURA TIRONUI BT MARCO ET*



EVLEEN GL LIGHTHOUSE*



ULMARRATT GALLIVANT*



THORNWOOD BANFF TITUS*



GLENUI BC LAREDO ET S3J*



Daughter of GALLIVANT

JE6238 ULMARRA TT EBI/REL
GALLIVANT **253/81%**

IRELAND VALUES

Milk Prod SI	108	Calving Interval (days)	-4.14
Fertility SI	86	Survival	2.75
Carbon SI	26	Cow Calving Difficulty	2.19
Calving SI	35	Heifer Calving Difficulty	4.34
Beef SI	-56	Somatic Cell Count	-0.15
Health SI	12	Milk kg	-228
Maintenance SI	36	Fat kg/%	23/0.58
Management SI	5	Protein kg/%	7/0.26

NEW ZEALAND DETAILS 2881 NZ Daughters

HoofPrint® gBW/Rel **401/98%**

Breeding Details

Split	J16
Sire	THORNWOOD OLM THOR
MGS	MARSDEN NN EXCELL ET
MGGS	GLENHAVEN TGM GENIUS SJ3

Volume	-259	Protein	13/4.3	Milkfat	41/6.0
Somatic Cell	-0.09	Cow CD	-0.7/97	Heifer CD	-2.2/98
Gestation Length	-0.5	Body Cond	0.08	Func Surv	3.0
Fertility	4.7	Liveweight	-5	Udd Over	0.68

NZ Evaluation Data 238 Daughters TOP Inspected

Management	gBV	-0.5	0	0.5	1.0
Adapts to Milking	0.51				
Shed Temperament	0.53				
Milking Speed	0.04				
Overall Opinion	0.55				
Conformation	gBV	-0.5	0	0.5	1.0
Stature	-0.36				
Capacity	0.69				
Rump Angle	-0.15				
Rump Width	-0.05				
Legs	0.07				
Udder Support	0.41				
Front Udder	0.71				
Rear Udder	0.88				
Front Teat Placement	0.08				
Rear Teat Placement	-0.04				
Teat Length	0.31				
Udder Overall	0.68				
Dairy Conformation	0.74				

LIC Initiatives DP - INT

High Input	1325		8/12/2023
VMSI	1291		11/2023
A2 Protein	A1/A2		



Dam of LUCCA

JE9538 OKURA PEPPER EBI/REL
LUCCA **194/62%**

IRELAND VALUES

Milk Prod SI	120	Calving Interval (days)	-2.37
Fertility SI	52	Survival	1.78
Carbon SI	14	Cow Calving Difficulty	1.58
Calving SI	32	Heifer Calving Difficulty	3.44
Beef SI	-75	Somatic Cell Count	-0.03
Health SI	13	Milk kg	-107
Maintenance SI	35	Fat kg/%	28/0.57
Management SI	2	Protein kg/%	9/0.22

NEW ZEALAND DETAILS 90 NZ Daughters

HoofPrint® gBW/Rel **511/89%**

Breeding Details

Split	J16
Sire	ROMA DEGREE PEPPER
MGS	OKURA LT INTEGRITY
MGGS	OKURA MANHATTEN ET SJ3

Volume	-6	Protein	19/4.2	Milkfat	58/6.0
Somatic Cell	-0.20	Cow CD	-1.0/87	Heifer CD	-1.6/82
Gestation Length	4.4	Body Cond	0.05	Func Surv	2.8
Fertility	1.9	Liveweight	-32	Udd Over	0.46

NZ Evaluation Data 83 Daughters TOP Inspected

Management	gBV	-0.5	0	0.5	1.0
Adapts to Milking	0.75				
Shed Temperament	0.77				
Milking Speed	0.25				
Overall Opinion	0.68				
Conformation	gBV	-0.5	0	0.5	1.0
Stature	-0.58				
Capacity	0.68				
Rump Angle	-0.15				
Rump Width	0.26				
Legs	0.18				
Udder Support	0.24				
Front Udder	0.39				
Rear Udder	0.57				
Front Teat Placement	0.07				
Rear Teat Placement	-0.26				
Teat Length	-0.01				
Udder Overall	0.46				
Dairy Conformation	0.62				

LIC Initiatives DP - INT

High Input	1391		8/12/2023
VMSI	1371		11/2023
A2 Protein	A1/A2		



Daughter of LABYRINTH

JE8751 SHELBY INTEG LABYRINTH ET EBI/REL
220/67%

IRELAND VALUES

Milk Prod SI	122	Calving Interval (days)	-2.09
Fertility SI	51	Survival	1.96
Carbon SI	16	Cow Calving Difficulty	1.69
Calving SI	38	Heifer Calving Difficulty	3.17
Beef SI	-49	Somatic Cell Count	-0.05
Health SI	9	Milk kg	-259
Maintenance SI	33	Fat kg/%	25/0.64
Management SI	0	Protein kg/%	8/0.31

NEW ZEALAND DETAILS 142 NZ Daughters

HoofPrint®

Nitrogen Efficiency

Methane Efficiency

gBW/Rel **514/92%**

Breeding Details

Split J16

Sire OKURA LT INTEGRITY

MGS ARRIETA NN DEGREE ET

MGGG OKURA MANHATTEN ET S3J

Volume	-166	Protein	16/4.3	Milkfat	51/6.1
Somatic Cell	-0.52	Cow CD	0.4/87	Heifer CD	-1.2/79
Gestation Length	-0.6	Body Cond	0.14	Func Surv	2.9
Fertility	1.9	Liveweight	-37	Udd Over	0.26

NZ Evaluation Data 104 Daughters TOP Inspected

Management	gBV	-0.5	0	0.5	1.0
Adapts to Milking	0.03				
Shed Temperament	0.02				
Milking Speed	0.03				
Overall Opinion	0.20				
Conformation	gBV	-0.5	0	0.5	1.0
Stature	-1.07				
Capacity	0.75				
Rump Angle	-0.16				
Rump Width	0.03				
Legs	0.16				
Udder Support	0.24				
Front Udder	0.06				
Rear Udder	0.35				
Front Teat Placement	0.14				
Rear Teat Placement	0.43				
Teat Length	-0.43				
Udder Overall	0.26				
Dairy Conformation	0.59				

LIC Initiatives

High Input	1368
VMSI	1352
A2 Protein	A1/A2

DP - INT

	8/12/2023
	11/2023



Daughter of MONTAGE

JE8859 TIRONUI GB MONTAGE-ET EBI/REL
180/55%

IRELAND VALUES

Milk Prod SI	102	Calving Interval (days)	-0.97
Fertility SI	26	Survival	1.11
Carbon SI	13	Cow Calving Difficulty	2.52
Calving SI	18	Heifer Calving Difficulty	5.50
Beef SI	-29	Somatic Cell Count	-0.07
Health SI	17	Milk kg	-278
Maintenance SI	32	Fat kg/%	20/0.57
Management SI	2	Protein kg/%	6/0.28

NEW ZEALAND DETAILS 171 NZ Daughters

HoofPrint®

Nitrogen Efficiency

Methane Efficiency

gBW/Rel **494/91%**

Breeding Details

Split J16

Sire GLANTON SS BASTILLE S3J

MGS OKURA LT INTEGRITY

MGGG NOAKES NEVVY S3J

Volume	15	Protein	25/4.3	Milkfat	47/5.7
Somatic Cell	-0.08	Cow CD	-0.9/91	Heifer CD	-2.3/83
Gestation Length	1.8	Body Cond	0.20	Func Surv	1.9
Fertility	2.2	Liveweight	-19	Udd Over	0.42

NZ Evaluation Data 89 Daughters TOP Inspected

Management	gBV	-0.5	0	0.5	1.0
Adapts to Milking	0.22				
Shed Temperament	0.21				
Milking Speed	0.11				
Overall Opinion	0.45				
Conformation	gBV	-0.5	0	0.5	1.0
Stature	-0.48				
Capacity	0.88				
Rump Angle	-0.12				
Rump Width	-0.19				
Legs	0.10				
Udder Support	0.20				
Front Udder	0.31				
Rear Udder	0.48				
Front Teat Placement	0.20				
Rear Teat Placement	-0.08				
Teat Length	0.39				
Udder Overall	0.42				
Dairy Conformation	0.88				

LIC Initiatives

High Input	1372
VMSI	1342
A2 Protein	A2/A2

DP - INT

	8/12/2023
	11/2023





Half Sister of LIGHTHOUSE

**EVLEEN GL
LIGHTHOUSE**

EBI/REL
328/17%



Daughter of BANFF

**JE8085 GLANTON DESI
BANFF**

EBI/REL
273/73%

IRELAND VALUES

Milk Prod SI	138	Calving Interval (days)	-3.90
Fertility SI	117	Survival	5.49
Carbon SI	33	Cow Calving Difficulty	1.79
Calving SI	42	Heifer Calving Difficulty	3.67
Beef SI	-68	Somatic Cell Count	0.02
Health SI	9	Milk kg	-186
Maintenance SI	49	Fat kg/%	26/0.57
Management SI	8	Protein kg/%	11/0.30

IRELAND VALUES

Milk Prod SI	124	Calving Interval (days)	-3.23
Fertility SI	63	Survival	1.77
Carbon SI	29	Cow Calving Difficulty	2.01
Calving SI	50	Heifer Calving Difficulty	3.74
Beef SI	-64	Somatic Cell Count	-0.12
Health SI	18	Milk kg	-497
Maintenance SI	43	Fat kg/%	20/0.76
Management SI	11	Protein kg/%	6/0.44

NEW ZEALAND DETAILS

122 NZ Daughters

HoofPrint®

Nitrogen Efficiency

Methane Efficiency

gBW/Rel **416/86%**

Breeding Details

Split J16

Sire GLENUI BC LAREDO ET S3J

MGS PUHIPUHI CAPS GOLDIE S3J

MGGS ARRIETA NN DEGREE ET

Volume	23	Protein	14/4.1	Milkfat	41/5.6
Somatic Cell	-0.10	Cow CD	-1.3/90	Heifer CD	-2.8/81
Gestation Length	4.0	Body Cond	0.14	Func Surv	4.0
Fertility	3.9	Liveweight	-27	Udd Over	0.73

NEW ZEALAND DETAILS

3951 NZ Daughters

HoofPrint®

Nitrogen Efficiency

Methane Efficiency

gBW/Rel **548/99%**

Breeding Details

Split J16

Sire ARRIETA TERRIFIC DESI ET

MGS TAWA GROVE KRC TANA

MGGS OKURA MANHATTEN ET S3J

Volume	-626	Protein	16/4.8	Milkfat	51/6.8
Somatic Cell	-0.30	Cow CD	-1.2/98	Heifer CD	-2.2/98
Gestation Length	-7.9	Body Cond	0.12	Func Surv	2.9
Fertility	2.9	Liveweight	-29	Udd Over	0.33

NZ Evaluation Data

109 Daughters TOP Inspected

Management	gBV	-0.5	0	0.5	1.0
Adapts to Milking	0.18				
Shed Temperament	0.18				
Milking Speed	0.14				
Overall Opinion	0.30				
Conformation	gBV	-0.5	0	0.5	1.0
Stature	-0.84				
Capacity	0.87				
Rump Angle	0.03				
Rump Width	0.18				
Legs	0.22				
Udder Support	0.59				
Front Udder	0.52				
Rear Udder	1.02				
Front Teat Placement	0.05				
Rear Teat Placement	0.26				
Teat Length	-0.14				
Udder Overall	0.73				
Dairy Conformation	0.72				

NZ Evaluation Data

281 Daughters TOP Inspected

Management	gBV	-0.5	0	0.5	1.0
Adapts to Milking	0.41				
Shed Temperament	0.43				
Milking Speed	-0.03				
Overall Opinion	0.42				
Conformation	gBV	-0.5	0	0.5	1.0
Stature	-0.89				
Capacity	0.65				
Rump Angle	-0.48				
Rump Width	0.43				
Legs	0.16				
Udder Support	0.07				
Front Udder	0.24				
Rear Udder	0.43				
Front Teat Placement	0.05				
Rear Teat Placement	-0.56				
Teat Length	-0.01				
Udder Overall	0.33				
Dairy Conformation	0.52				

LIC Initiatives

DP - INT

High Input	1342
VMSI	1303
A2 Protein	A2/A2

8/12/2023

11/2023



LIC Initiatives

DP - INT

High Input	1380
VMSI	1358
A2 Protein	A2/A2

8/12/2023

11/2023





Daughter of MARCO

JE9484 OKURA TIRONUI BT EBI/REL
MARCO ET 244/68%

IRELAND VALUES

Milk Prod SI	145	Calving Interval (days)	-3.37
Fertility SI	64	Survival	1.70
Carbon SI	21	Cow Calving Difficulty	1.95
Calving SI	36	Heifer Calving Difficulty	4.10
Beef SI	-69	Somatic Cell Count	0.06
Health SI	1	Milk kg	-252
Maintenance SI	41	Fat kg/%	26/0.64
Management SI	6	Protein kg/%	12/0.37

NEW ZEALAND DETAILS 561 NZ Daughters

HoofPrint®

Nitrogen Efficiency: 8
Methane Efficiency: 7

gBW/Rel 422/95%

Breeding Details

Split J16

Sire BRAEDENE PAS TRIPLESTAR

MGS OKURA LT INTEGRITY

MGGS NOAKES NEVVY S3J

Volume	-463	Protein	13/4.5	Milkfat	43/6.3
Somatic Cell	0.13	Cow CD	-0.8/91	Heifer CD	-1.3/83
Gestation Length	1.6	Body Cond	0.22	Func Surv	1.5
Fertility	5.5	Liveweight	-6	Udd Over	0.12

NZ Evaluation Data 141 Daughters TOP Inspected

Management	gBV	-0.5	0	0.5	1.0
Adapts to Milking	0.15		█		
Shed Temperament	0.15		█		
Milking Speed	0.09		█		
Overall Opinion	0.24		█		
Conformation	gBV	-0.5	0	0.5	1.0
Stature	-0.66	█			
Capacity	0.87			█	
Rump Angle	-0.49	█			
Rump Width	0.30			█	
Legs	0.15		█		
Udder Support	-0.03		█		
Front Udder	0.01		█		
Rear Udder	0.15		█		
Front Teat Placement	0.16		█		
Rear Teat Placement	-0.11		█		
Teat Length	0.61			█	
Udder Overall	0.12		█		
Dairy Conformation	0.62			█	

LIC Initiatives

High Input	1309
VMSI	1279
A2 Protein	A2/A2

DP - INT

8/12/2023
11/2023



Daughter of SUPERMAN

JE8088 TIRONUI
SUPERMAN ET EBI/REL
250/74%

IRELAND VALUES

Milk Prod SI	146	Calving Interval (days)	-2.75
Fertility SI	64	Survival	2.37
Carbon SI	20	Cow Calving Difficulty	2.25
Calving SI	39	Heifer Calving Difficulty	4.83
Beef SI	-69	Somatic Cell Count	-0.04
Health SI	6	Milk kg	-265
Maintenance SI	35	Fat kg/%	27/0.68
Management SI	8	Protein kg/%	11/0.37

NEW ZEALAND DETAILS 3834 NZ Daughters

HoofPrint®

Nitrogen Efficiency: 8
Methane Efficiency: 7

gBW/Rel 464/99%

Breeding Details

Split J16

Sire PUKETAWA AD SUPERSTITION

MGS OKURA LT INTEGRITY

MGGS NOAKES NEVVY S3J

Volume	-119	Protein	21/4.4	Milkfat	51/6.0
Somatic Cell	0.07	Cow CD	-0.4/98	Heifer CD	-1.7/98
Gestation Length	-2.6	Body Cond	-0.06	Func Surv	0.3
Fertility	0.9	Liveweight	-23	Udd Over	0.64

NZ Evaluation Data 200 Daughters TOP Inspected

Management	gBV	-0.5	0	0.5	1.0
Adapts to Milking	0.10		█		
Shed Temperament	0.09		█		
Milking Speed	0.12		█		
Overall Opinion	0.26		█		
Conformation	gBV	-0.5	0	0.5	1.0
Stature	-0.52	█			
Capacity	0.56			█	
Rump Angle	-0.88	█			
Rump Width	0.48			█	
Legs	0.13		█		
Udder Support	0.43		█		
Front Udder	0.46		█		
Rear Udder	0.83			█	
Front Teat Placement	0.10		█		
Rear Teat Placement	-0.09		█		
Teat Length	0.22		█		
Udder Overall	0.64			█	
Dairy Conformation	0.55			█	

LIC Initiatives

High Input	1378
VMSI	1357
A2 Protein	A2/A2

DP - INT

8/12/2023
11/2023





Daughter of SAMURAI

JE8853 LITTLE RIVER OI EBI/REL
SAMURAI **248/66%**

IRELAND VALUES

Milk Prod SI	121	Calving Interval (days)	-2.46
Fertility SI	56	Survival	2.05
Carbon SI	24	Cow Calving Difficulty	2.07
Calving SI	35	Heifer Calving Difficulty	4.85
Beef SI	-55	Somatic Cell Count	-0.03
Health SI	4	Milk kg	-259
Maintenance SI	47	Fat kg/%	24/0.63
Management SI	16	Protein kg/%	8/0.31

NEW ZEALAND DETAILS 143 NZ Daughters

HoofPrint®

Nitrogen Efficiency

Methane Efficiency

gBW/Rel **482/91%**

Breeding Details

Split J16

Sire OKURA LT INTEGRITY

MGS GLENHAVEN TGM GENIUS S3J

MGGS OKURA MANHATTEN ET SJ3

Volume	-178	Protein	19/4.4	Milkfat	42/5.9
Somatic Cell	0.52	Cow CD	-1.0/90	Heifer CD	-1.7/86
Gestation Length	-0.5	Body Cond	0.12	Func Surv	2.5
Fertility	4.3	Liveweight	-56	Udd Over	0.31

NZ Evaluation Data 73 Daughters TOP Inspected

Management	gBV	-0.5	0	0.5	1.0
Adapts to Milking	0.47				
Shed Temperament	0.47				
Milking Speed	0.39				
Overall Opinion	0.58				
Conformation	gBV	-0.5	0	0.5	1.0
Stature	-1.03				
Capacity	0.74				
Rump Angle	0.03				
Rump Width	-0.35				
Legs	0.19				
Udder Support	0.19				
Front Udder	0.44				
Rear Udder	0.19				
Front Teat Placement	0.17				
Rear Teat Placement	0.07				
Teat Length	-0.04				
Udder Overall	0.31				
Dairy Conformation	0.56				

LIC Initiatives

High Input	1352
VMSI	1319
A2 Protein	A2/A2

DP - INT

 8/12/2023
 11/2023


HAWTHORN GROVE GL EBI/REL
ODYSSEUS **171/35%**

IRELAND VALUES

Milk Prod SI	45	Calving Interval (days)	-2.53
Fertility SI	89	Survival	4.62
Carbon SI	16	Cow Calving Difficulty	2.23
Calving SI	17	Heifer Calving Difficulty	5.37
Beef SI	-8	Somatic Cell Count	-0.11
Health SI	14	Milk kg	-485
Maintenance SI	3	Fat kg/%	11/0.57
Management SI	-4	Protein kg/%	-4/0.24

NEW ZEALAND DETAILS 0 NZ Daughters

HoofPrint®

Nitrogen Efficiency

Methane Efficiency

gBW/Rel **402/54%**

Breeding Details

Split J16

Sire GLENUI CM LAZARO

MGS ARRIETA TERRIFIC DESI ET

MGGS ROMA MURMUR KINGPIN S3J

Volume	-866	Protein	6/4.8	Milkfat	24/6.5
Somatic Cell	-0.37	Cow CD	-1.3/71	Heifer CD	-2.1/55
Gestation Length	-1.5	Body Cond	0.21	Func Surv	2.6
Fertility	9.5	Liveweight	-18	Udd Over	0.36

NZ Evaluation Data 0 Daughters TOP Inspected

Management	gBV	-0.5	0	0.5	1.0
Adapts to Milking	0.46				
Shed Temperament	0.46				
Milking Speed	0.12				
Overall Opinion	0.56				
Conformation	gBV	-0.5	0	0.5	1.0
Stature	-0.79				
Capacity	0.86				
Rump Angle	0.04				
Rump Width	-0.26				
Legs	0.22				
Udder Support	0.20				
Front Udder	0.42				
Rear Udder	0.50				
Front Teat Placement	-0.09				
Rear Teat Placement	-0.42				
Teat Length	0.31				
Udder Overall	0.36				
Dairy Conformation	0.66				

LIC Initiatives

High Input	1286
VMSI	1249
A2 Protein	A2/A2

 8/12/2023
 11/2023




Daughter of LEXICON

JE9319 CAREYS CM
LEXICON S2J

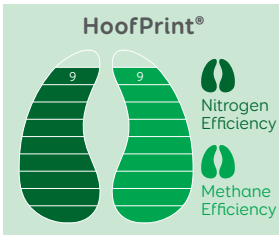
EBI/REL
184/52%

IRELAND VALUES

Milk Prod SI	96	Calving Interval (days)	-1.71
Fertility SI	44	Survival	1.83
Carbon SI	13	Cow Calving Difficulty	2.48
Calving SI	20	Heifer Calving Difficulty	5.34
Beef SI	-2	Somatic Cell Count	-0.04
Health SI	2	Milk kg	-548
Maintenance SI	18	Fat kg/%	17/0.73
Management SI	-7	Protein kg/%	2/0.40

NEW ZEALAND DETAILS

123 NZ Daughters



gBW/Rel **444/90%**

Breeding Details

Split J16

Sire CRESCENT EXCELL MONOPOLY

MGS OKURA LT INTEGRITY

MGGG PUKEROA TGM MANZELLO

Volume	-714	Protein	8/4.7	Milkfat	36/6.5
Somatic Cell	-0.04	Cow CD	-1.8/86	Heifer CD	-3.1/52
Gestation Length	-4.8	Body Cond	0.28	Func Surv	3.6
Fertility	7.1	Liveweight	-10	Udd Over	0.73

NZ Evaluation Data

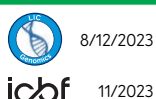
105 Daughters TOP Inspected

Management	gBV	-0.5	0	0.5	1.0
Adapts to Milking	-0.09				
Shed Temperament	-0.10				
Milking Speed	0.03				
Overall Opinion	0.18				
Conformation	gBV	-0.5	0	0.5	1.0
Stature	-0.86				
Capacity	0.97				
Rump Angle	0.12				
Rump Width	-0.39				
Legs	0.11				
Udder Support	0.64				
Front Udder	0.72				
Rear Udder	0.67				
Front Teat Placement	0.16				
Rear Teat Placement	0.19				
Teat Length	-0.42				
Udder Overall	0.73				
Dairy Conformation	0.66				

LIC Initiatives

DP-INT

High Input	1347
VMSI	1302
A2 Protein	A2/A2



Daughter of LOTTO

JE8763 SHELBY BC
LOTTO ET S3J

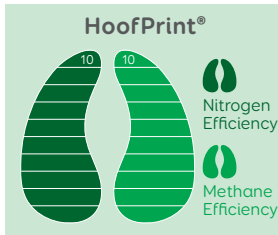
EBI/REL
204/69%

IRELAND VALUES

Milk Prod SI	92	Calving Interval (days)	-2.72
Fertility SI	55	Survival	1.66
Carbon SI	25	Cow Calving Difficulty	1.65
Calving SI	51	Heifer Calving Difficulty	3.42
Beef SI	-64	Somatic Cell Count	-0.04
Health SI	9	Milk kg	-373
Maintenance SI	29	Fat kg/%	14/0.53
Management SI	6	Protein kg/%	5/0.33

NEW ZEALAND DETAILS

3209 NZ Daughters



gBW/Rel **451/98%**

Breeding Details

Split J16

Sire BELLS CM CONRAD S2J

MGS ARRIETA NN DEGREE ET

MGGG OKURA MANHATTEN ET S3J

Volume	-156	Protein	21/4.4	Milkfat	37/5.8
Somatic Cell	-0.08	Cow CD	-0.9/97	Heifer CD	-1.7/98
Gestation Length	-0.5	Body Cond	-0.02	Func Surv	3.3
Fertility	6.2	Liveweight	-32	Udd Over	0.28

NZ Evaluation Data

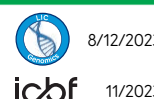
143 Daughters TOP Inspected

Management	gBV	-0.5	0	0.5	1.0
Adapts to Milking	0.05				
Shed Temperament	0.04				
Milking Speed	0.24				
Overall Opinion	0.11				
Conformation	gBV	-0.5	0	0.5	1.0
Stature	-0.58				
Capacity	0.09				
Rump Angle	-0.64				
Rump Width	0.23				
Legs	0.21				
Udder Support	0.12				
Front Udder	0.32				
Rear Udder	0.06				
Front Teat Placement	0.31				
Rear Teat Placement	-0.03				
Teat Length	0.35				
Udder Overall	0.28				
Dairy Conformation	0.20				

LIC Initiatives

DP-INT

High Input	1333
VMSI	1320
A2 Protein	A2/A2





Daughter of DEXTER

JE5061 RIVERVIEW AND DEXTER S2J EBI/REL
159/93%

IRELAND VALUES

Milk Prod SI	91	Calving Interval (days)	-1.87
Fertility SI	41	Survival	1.38
Carbon SI	21	Cow Calving Difficulty	2.29
Calving SI	27	Heifer Calving Difficulty	5.19
Beef SI	-64	Somatic Cell Count	-0.14
Health SI	6	Milk kg	-200
Maintenance SI	38	Fat kg/%	15/0.40
Management SI	-1	Protein kg/%	7/0.25

NEW ZEALAND DETAILS 6687 NZ Daughters

HoofPrint®

Nitrogen Efficiency

Methane Efficiency

gBW/Rel **416/99%**

Breeding Details

Split J16

Sire ARRIETA NN DEGREE ET

MGS OKURA LIKA MURMUR S3J

MGGS OKURA MANHATTEN ET SJ3

Volume	-86	Protein	18/4.3	Milkfat	30/5.5
Somatic Cell	-0.29	Cow CD	-0.5/96	Heifer CD	-1.0/97
Gestation Length	-1.8	Body Cond	0.19	Func Surv	3.0
Fertility	4.5	Liveweight	-17	Udd Over	0.65

NZ Evaluation Data 252 Daughters TOP Inspected

Management	gBV	-0.5	0	0.5	1.0
Adapts to Milking	0.02				
Shed Temperament	0.00				
Milking Speed	0.24				
Overall Opinion	0.24				
Conformation	gBV	-0.5	0	0.5	1.0
Stature	-0.60				
Capacity	0.77				
Rump Angle	-0.08				
Rump Width	0.27				
Legs	-0.01				
Udder Support	0.42				
Front Udder	0.67				
Rear Udder	0.10				
Front Teat Placement	0.83				
Rear Teat Placement	0.70				
Teat Length	0.29				
Udder Overall	0.65				
Dairy Conformation	0.65				

LIC Initiatives DP - INT

High Input	1318		8/12/2023
VMSI	1296		11/2023
A2 Protein	A2/A2		



Daughter of LAMAR

JE7998 GLENUI SUPER LAMAR EBI/REL
207/73%

IRELAND VALUES

Milk Prod SI	111	Calving Interval (days)	-1.26
Fertility SI	48	Survival	2.58
Carbon SI	23	Cow Calving Difficulty	2.14
Calving SI	41	Heifer Calving Difficulty	4.67
Beef SI	-74	Somatic Cell Count	-0.04
Health SI	6	Milk kg	-201
Maintenance SI	41	Fat kg/%	25/0.60
Management SI	10	Protein kg/%	7/0.25

NEW ZEALAND DETAILS 1849 NZ Daughters

HoofPrint®

Nitrogen Efficiency

Methane Efficiency

gBW/Rel **452/98%**

Breeding Details

Split J16

Sire PUKETAWA AD SUPERSTITION

MGS PUHIPUHI CAPS GOLDIE S3J

MGGS OKURA LT INTEGRITY

Volume	-101	Protein	9/4.1	Milkfat	49/5.9
Somatic Cell	-0.50	Cow CD	-0.7/97	Heifer CD	-1.1/97
Gestation Length	-2.7	Body Cond	-0.04	Func Surv	3.2
Fertility	2.2	Liveweight	-46	Udd Over	0.78

NZ Evaluation Data 159 Daughters TOP Inspected

Management	gBV	-0.5	0	0.5	1.0
Adapts to Milking	0.26				
Shed Temperament	0.26				
Milking Speed	0.22				
Overall Opinion	0.31				
Conformation	gBV	-0.5	0	0.5	1.0
Stature	-0.77				
Capacity	0.46				
Rump Angle	-0.56				
Rump Width	0.62				
Legs	0.17				
Udder Support	0.60				
Front Udder	0.52				
Rear Udder	0.85				
Front Teat Placement	0.35				
Rear Teat Placement	0.50				
Teat Length	-0.62				
Udder Overall	0.78				
Dairy Conformation	0.48				

LIC Initiatives DP - INT

High Input	1354		8/12/2023
VMSI	1339		11/2023
A2 Protein	A2/A2		



2024

KiwiCross®



Top 5 Performers

Breeding Worth

NZ Herd Average
NZ\$223

Bull Code	Name	gBW/Ret%	Page
522006	PAYNES SPECIALIST *	607/53	48
522050	JULIAN TU-MEKE *	578/54	44
519034	GORDONS FLASH-GORDON *	572/90	45
520044	WICKLOW HIGH CHAPARRAL *	505/83	52
519089	SCHRADERS TRADER *	489/86	53

EBI

Bull Code	Name	EBI (€)/Ret%	Page
520032	DOWSON WHAKATUPU-ET *	331/14	46
FRX257	LIC HUSTLER *	319/59	58
518019	DIGGS HARDCOPY *	317/68	44
520004	GREENMILE KERERU *	311/26	48
515028	ZONA CROSSFIRE	266/76	42

Protein

NZ Herd Average
19kg/3.96%

Bull Code	Name	Protein (kg/%)	Page
519072	RHANTANA OUTLOOK-ET *	52/4.3	56
519034	GORDONS FLASH-GORDON *	52/4.0	45
519089	SCHRADERS TRADER *	51/3.8	53
520004	GREENMILE KERERU *	37/4.0	48
FR6892	LIC MOOREHILL MAX *	34/3.9	58

Fat

NZ Herd Average
21kg/4.90%

Bull Code	Name	Fat (kg/%)	Page
520044	WICKLOW HIGH CHAPARRAL *	67/6.0	52
519089	SCHRADERS TRADER *	66/4.8	53
519034	GORDONS FLASH-GORDON *	60/5.0	45
522050	JULIAN TU-MEKE *	59/6.1	44
519010	BALANTIS TEMPEST-ET *	58/5.4	42

Fertility

NZ Herd Average
1.2%

Bull Code	Name	Fertility (%)	Page
515028	ZONA CROSSFIRE	10.6	42
519061	ARKANS BAILIFF *	10.3	50
522006	PAYNES SPECIALIST *	9.6	48
522060	KAIPER TEMPTATION-ET *	9.1	52
522051	LAKE DOWNS RESOLUTION-ET *	9.0	45

Milk Volume

NZ Herd Average
282 litres

Bull Code	Name	Volume (l)	Page
519089	SCHRADERS TRADER *	1337	53
519034	GORDONS FLASH-GORDON *	1009	45
FR6892	LIC MOOREHILL MAX *	716	58
519072	RHANTANA OUTLOOK-ET *	715	56
520004	GREENMILE KERERU *	707	48

SCC

NZ Herd Average
-0.01

Bull Code	Name	SCC	Page
515028	ZONA CROSSFIRE	-0.70	42
522006	PAYNES SPECIALIST *	-0.54	48
519061	ARKANS BAILIFF *	-0.50	50
518019	DIGGS HARDCOPY *	-0.49	44
519014	LYNBROOK KRYPTONITE *	-0.30	42

Capacity

NZ Herd Average
0.25

Bull Code	Name	Capacity	Page
519072	RHANTANA OUTLOOK-ET *	1.18	56
519089	SCHRADERS TRADER *	1.12	53
519010	BALANTIS TEMPEST-ET *	0.97	42
519073	RHANTANA OLYMPIC-ET *	0.92	42
JEX125	LIC MUJINEMOR DOWLIN *	0.91	59

Udder Overall

NZ Herd Average
0.23

Bull Code	Name	Udder Overall	Page
520008	JULIAN MULTIPLIER-ET *	1.43	50
522051	LAKE DOWNS RESOLUTION-ET *	1.20	45
520033	DOWSON HONENUI-ET *	1.10	47
522060	KAIPER TEMPTATION-ET *	0.94	52
522050	JULIAN TU-MEKE *	0.93	44

Heifer Calving Difficulty

NZ Herd Average
0.1%

Bull Code	Name	HCD/Ret%	Page
522060	KAIPER TEMPTATION-ET *	-4.3/63	52
522050	JULIAN TU-MEKE *	-2.1/78	44
522006	PAYNES SPECIALIST *	-1.8/69	48
515028	ZONA CROSSFIRE	-1.8/42	42
520008	JULIAN MULTIPLIER-ET *	-1.7/95	50

* Sexed semen is offered for Single AI use only. See page 3 for more information.

Black Magic

by Adrian Young, LIC Senior Sire Analyst

It's fair to say KiwiCross® bulls represent a great advancement in New Zealand's dairy industry, harnessing the remarkable qualities of the country's exceptional dairy cows. As the industry continues to emphasise sustainable farming practices, KiwiCross bulls offer an unparalleled opportunity for our dairy farmers to enhance profitability, reduce environmental impact, and contribute to a sustainable and prosperous future.

With the average genomic Breeding Worth (gBW) of crossbred cows in the country sitting at 223, and a number of KiwiCross bulls in the LIC NZ Genetics Catalogue 2023 sitting at more than 450gBW, there are plenty of gains to be made by using some of LIC's best bulls. Below is an overview of several bulls, a couple of which were part of NZ's Premier Sires™ team this year.

Dowson Honenui-ET

Already available in Ireland as a genomic bull before his proof came though, Honenui is a sire that has been well-utilised for contract mating, with 10 sons entering sire proving last season. An efficient producer, this Blackhawk son offers 44 kg fat at a 6.3% fat test, together with 0.7 capacity and a massive udder overall gBV of 1.1. With his Trumpet dam still scoring admirably as an 8-year-old, I'm sure Honenui will be regarded by many as an all-rounder. A true credit to his breeders Nicolas and Mary Dowson who bred this fine sire.



Dowson Whakatupu-ET

A real testament to the cows we breed our bulls from, Whakatupu is another bull bred from this exciting Trumpet dam. Having lived in the shadow of his full brother Honenui, Whakatupu has climbed by 68 gBW points since the September evaluation run to 384 gBW. Whakatupu boasts a combined fat & protein of 76 kg, at 5.8% fat and 4.3% protein. Add in his capacity of 0.81 & udder gBV of 0.51, Whakatupu is sure to be a bull not to be missed!

Lake Downs Resolution-ET

This is an F8J8 Speakes Slipstream son bred from an exceptionally fine Greenwell Blackhawk daughter. Resolution is bound to tick many boxes for a range of conditions. Boasting the highest udder gBV of the KiwiCross bulls marketed this year at 1.20, on top of the 9.0% fertility he offers. Resolution is the result of some great work by Wendy and Keith Lambeth in Atiamuri. The couple run a straight commercial dairy herd, which mean this bull's back-pedigree and cow family has rightfully earned its place, and it's a fair bet he'll provide great offspring to farmers throughout the country.



Burgess Plato-ET

Plato is another exciting young sire bred in Matamata by Michelle and Bill Burgess. He's bred from Burgess My Pandora, who is a beautiful Arkans Bounty daughter that's been milking really well at the Burgess farm - with a massive PW of 939! Plato is a Speakes Slipstream son who offers a respectable combined fat and protein of 81 kgs. Plato's half-brother Princeton, a Dowson Honenui son, also features in Premier Sires™ teams, this further endorses the ongoing belief that LIC's breeding team has in strong cow families, which serves to back up the team's trust in genomic evaluations.

KiwiCross®

Bull Code	IRE AB Code	Bull Name	gBW/Rel	Fertility %	Milk Volume	Fat kg	Protein kg	Fat %	Protein %	Somatic Cell Score	Functional Survival	Heifer CD /Rel%	Cow CD /Rel%	Liveweight	Body Condition Score	Capacity	Udder Overall
KiwiCross®																	
522006	TBC	PAYNES SPECIALIST *	607/53	9.6	-121	51	24	6.0	4.4	-0.54	6.1	-1.8/69	-1.9/69	-16	0.18	0.21	0.62
522050	TBC	JULIAN TU-MEKE *	578/54	6.0	-40	59	33	6.1	4.6	0.16	2.8	-2.1/78	-0.7/79	17	0.08	0.85	0.93
519034	JEX233	GORDONS FLASH-GORDON *	572/90	2.9	1009	60	52	5.0	4.0	0.05	3.9	-0.3/74	0.5/83	16	0.08	0.34	0.47
520044	TBC	WICKLOW HIGH CHAPARRAL *	505/83	0.9	158	67	23	6.0	4.1	0.27	3.8	-1.1/97	-1.0/91	0	0.16	0.48	0.14
519089	JEX266	SCHRADERS TRADER *	489/86	0.6	1337	66	51	4.8	3.8	0.38	3.3	0.6/89	-0.4/93	44	0.11	1.12	0.05
522017	TBC	BURGESS PLATO-ET *	488/56	7.9	167	50	31	5.6	4.3	0.05	1.2	-1.1/76	0.2/79	23	0.18	0.85	0.28
518019	JEX152	DIGGS HARDCOPY *	479/88	7.7	187	48	26	5.6	4.2	-0.49	2.4	-0.6/98	-0.2/98	14	0.12	0.35	0.19
520004	TBC	GREENMILE KERERU *	478/85	0.0	707	51	37	5.1	4.0	0.05	1.1	-1.7/70	-0.3/63	-17	-0.04	0.37	0.33
519010	JEX242	BALANTIS TEMPEST-ET *	468/89	1.2	556	58	34	5.4	4.0	0.07	1.6	1.9/70	-0.5/90	27	0.10	0.97	0.58
518038	JEX143	WERDERS PREMONITION *	464/99	1.1	-66	58	21	6.1	4.3	-0.28	3.4	0.4/99	-0.3/99	27	0.07	0.70	0.70
519014	JEX230	LYNBROOK KRYPTONITE *	458/87	1.2	460	43	26	5.2	4.0	-0.30	1.4	0.2/42	-1.2/67	-36	-0.04	0.11	0.92
522059	TBC	JUFFERMANS MR-EXCLUSIVE *	456/55	4.1	339	53	30	5.5	4.1	0.45	3.1	-0.2/56	0.1/69	18	0.16	0.69	0.49
520002	TBC	TENNANT JURASSIC *	449/84	4.0	268	33	31	5.2	4.2	-0.14	4.9	0.4/73	1.0/80	5	0.29	0.52	0.28
519072	TBC	RHANTANA OUTLOOK-ET *	432/86	4.2	715	39	52	4.8	4.3	0.44	1.8	5.5/35	3.3/68	64	0.28	1.18	0.13
522060	TBC	KAIPER TEMPTATION-ET *	424/54	9.1	-283	41	18	6.0	4.5	-0.02	3.6	-4.3/63	-0.4/67	17	0.06	0.73	0.94
522051	TBC	LAKE DOWNS RESOLUTION-ET *	417/56	9.0	-44	39	22	5.6	4.3	-0.07	4.8	-0.4/56	-0.6/68	33	0.13	0.76	1.20
520008	JEX260	JULIAN MULTIPLIER-ET *	416/87	7.0	258	40	24	5.3	4.1	-0.06	3.4	-1.7/95	0.1/93	-2	0.00	0.63	1.43
521031	TBC	WERDERS OLYMPIAN *	415/55	2.6	-209	40	19	5.9	4.4	0.00	3.6	0.3/84	-1.0/95	-6	0.05	0.57	0.34
520033	JEX155	DOWSON HONENUI-ET *	409/91	8.6	-454	44	21	6.3	4.7	0.31	4.8	-1.3/96	0.0/96	54	0.14	0.70	1.10
519069	JEX245	VAN STRAALENS DEFENDER *	392/88	0.6	430	47	33	5.3	4.1	0.42	0.9	-1.6/36	-0.3/72	18	-0.07	0.42	0.62
515017	JE6007	LYNBROOK KARTELL *	389/99	7.2	127	32	25	5.3	4.2	0.35	3.1	-1.9/99	-0.9/90	-15	-0.08	0.46	0.49
519073	JEX236	RHANTANA OLYMPIC-ET *	389/89	0.9	-56	41	25	5.7	4.4	0.19	1.2	1.3/64	0.5/60	25	0.14	0.92	0.45
511011	ZSP	PRIESTS SIERRA	384/99	5.0	509	44	30	5.1	4.0	-0.17	3.3	2.7/99	0.4/99	40	0.05	0.56	0.39
520032	TBC	DOWSON WHAKATUPU-ET *	384/85	3.6	68	51	25	5.8	4.3	0.03	1.5	-1.4/72	-1.3/59	52	0.00	0.81	0.51
515028	JE5896	ZONA CROSSFIRE	382/93	10.6	280	23	22	5.0	4.0	-0.70	5.0	-1.8/42	-0.7/68	2	0.21	0.75	0.10
517001	JEX263	ARKANS PATRIARCH-ET *	377/99	7.9	-61	30	13	5.5	4.1	0.15	2.6	-0.4/97	-1.0/95	-24	0.12	0.24	0.93
519012	JEX251	KOKOAMO K2 *	376/87	1.6	65	39	23	5.5	4.2	0.23	4.4	0.9/39	1.7/67	20	0.17	0.86	0.70
519061	JEX269	ARKANS BAILIFF *	371/87	10.3	327	30	18	5.0	3.9	-0.50	5.4	-0.3/38	-0.3/67	2	0.12	0.68	0.36
518061	JEX191	INNOVATION HOMEBREW *	364/98	4.0	-293	37	15	5.9	4.4	0.16	3.9	0.4/99	-0.6/98	44	0.36	0.68	0.56
518072	JEX140	DEANS PROFESSIONAL *	346/99	5.4	405	35	20	5.1	3.9	-0.01	5.0	-0.1/98	0.3/96	10	0.21	0.23	0.32

The Forwards®																	
-	FRX257	LIC HUSTLER *	465/52	6.3	232	44	28	5.4	4.2	0.07	3.9	1.6/30	0.0/30	-2	0.06	0.03	0.49
-	FR6892	LIC MOOREHILL MAX *	451/51	7.5	716	46	34	5.0	3.9	-0.05	5.0	-0.2/31	-0.4/31	51	0.33	0.60	0.69
-	JEX197	LIC MOOREHILL EUPHORIA	416/52	6.8	82	36	18	5.4	4.1	0.12	2.5	-1.2/30	-0.7/28	-37	-0.02	0.18	0.69
-	JEX125	LIC MUINEMOR DOWLIN *	399/53	3.6	207	46	26	5.5	4.2	-0.07	3.6	-0.4/32	-0.4/32	57	0.27	0.91	0.73
-	JEX122	LIC TINNASHRULE TROJAN *	397/52	5.0	261	45	23	5.4	4.1	-0.11	3.1	-1.4/31	-0.7/31	16	0.07	0.36	0.47
-	JEX161	LIC BROOKLAWN TORNADO EX	375/53	6.9	351	36	22	5.1	4.0	-0.38	4.6	1.3/32	0.3/30	41	0.32	0.29	0.89
-	JE6886	LIC KILVOIGE AARON	355/50	6.5	-192	39	10	5.8	4.2	0.13	2.4	-2.0/21	-0.6/23	-9	0.14	0.50	0.02
-	JE6895	LIC BROOKLAWN MOONLIGHT ECLIPSE	317/52	2.5	30	23	20	5.2	4.2	-0.54	-0.2	-0.5/31	-0.6/31	-23	-0.03	0.22	0.01
-	JE6898	LIC MOOREHILL GALAXY	197/51	8.1	-159	9	10	5.1	4.2	-0.07	3.1	-0.2/28	-0.4/28	12	0.08	0.17	0.23

* Sexed semen is offered for Single AI use only. See page 3 for more information.
Publishing Date: 12/2023



HooPrint® Nitrogen/ Methane	EBI/Rel%	Milk Prod SI	Fertility SI	Carbon SI	Milk kg	Fat kg	Protein kg	Fat %	Protein %	Dairy Heifer Calv Diff	Dairy Cow Calv Diff	Sire Name	Breed Split	VMSI	High Input	Gestation Length (days)	A2/A2	Page
10/10	166/34	60	83	1	-311	9	2	0.39	0.23	4.68	2.09	GREENWELL BACKGAMMON	J9F7	1427	1458	-7.8	A2/A2	48
10/10	228/38	78	105	10	-211	15	5	0.41	0.22	3.95	1.74	DOWSON HONENUI-ET	F8J8	1465	1503	-5.6	A2/A2	44
9/8	215/58	156	49	6	235	28	20	0.32	0.20	5.23	2.27	LINAN INTEGRITY WINSTON	F8J8	1447	1481	3.7	A1/A2	45
7/8	229/22	92	69	16	-27	20	8	0.38	0.16	5.06	2.08	WERDERS PREMONITION	F9J7	1364	1379	-3.7	A2/A2	52
8/8	158/50	74	47	8	115	16	9	0.20	0.08	3.71	1.62	MARSHALLS SILVER LINING	F10J6	1404	1424	-11.3	A2/A2	53
8/8	180/50	90	57	11	-209	17	6	0.45	0.24	7.23	3.25	SPEAKES SLIPSTREAM ET	J11F5	1370	1410	2.1	A2/A2	49
9/9	317/68	85	128	40	-278	15	5	0.47	0.26	4.56	2.23	DRYSDALES SOVEREIGN	F10J6	1349	1372	-8.4	A2/A2	44
8/8	311/26	186	77	11	7	33	20	0.54	0.33	5.46	2.40	GLEN KORU BECKON	J11F5	1365	1379	-5.3	A2/A2	48
7/7	213/54	117	58	7	-35	24	11	0.45	0.21	5.25	2.33	ARKANS BOUNTY	J9F7	1375	1410	-3.3	A2/A2	42
7/7	241/72	105	84	11	-102	25	8	0.51	0.20	5.59	2.25	PRIESTS SIERRA	F8J8	1383	1392	-7.4	A2/A2	47
8/8	190/54	92	55	15	69	22	9	0.33	0.11	3.84	1.76	ARKANS PATRIARCH-ET	F10J6	1351	1371	-6.9	A1/A2	42
7/8	212/51	120	51	31	44	23	13	0.36	0.20	3.19	1.66	SPEAKES SLIPSTREAM ET	F9J7	1342	1386	-1.9	A2/A2	46
9/8	205/15	87	58	18	6	14	10	0.24	0.16	3.71	1.70	HORIZON ASCOTT	F9J7	1327	1349	-4.9	A2/A2	51
7/7	225/58	152	64	16	122	22	20	0.29	0.27	4.62	2.04	HORIZON BOULEVARD-ET	F11J5	1327	1370	-1.2	A2/A2	56
8/8	232/17	80	84	21	-152	15	6	0.38	0.21	4.43	1.99	DOWSON HONENUI-ET	J9F7	1360	1394	0.9	A2/A2	52
9/9	184/51	79	63	11	-227	17	4	0.46	0.21	4.63	2.11	SPEAKES SLIPSTREAM ET	F8J8	1360	1405	-8.5	A2/A2	45
8/8	248/55	113	106	24	-26	21	11	0.39	0.21	3.29	1.52	GLEN KORU PROCLAIMER-ET	F9J7	1372	1422	-1.8	A2/A2	50
8/8												BURGESS PRESTIGE-ET	F9J7	1308	1325	-5.4	A2/A2	51
7/7	254/41	55	129	25	-267	10	2	0.38	0.20	3.88	1.80	GREENWELL BLACKHAWK	J9F7	1374	1411	0.0	A2/A2	47
7/7	147/49	68	32	4	-203	16	3	0.43	0.17	5.71	2.27	MARSHALLS SILVER LINING	F9J7	1339	1362	-5.0	A1/A2	54
10/9	182/82	92	69	23	-181	12	8	0.35	0.26	4.40	2.20	HOWIES ARKAN RAMADA ET	J8F7A1	1291	1324	-4.7	A1/A2	54
6/6	173/51	83	49	11	-234	15	5	0.43	0.24	6.07	2.44	BURMEISTERS HARDCORE	F8J8	1317	1341	-4.4	A2/A2	42
7/7	184/97	95	63	9	-24	18	9	0.33	0.18	5.84	2.40	FAIRMONT MINT-EDITION	F11J5	1318	1339	-6.6	A2/A2	55
6/7	331/14	143	118	26	-179	24	13	0.53	0.33	3.61	1.74	GREENWELL BLACKHAWK	J9F7	1326	1340	-6.7	A1/A2	46
8/8	266/76	77	103	27	-52	13	8	0.27	0.17	4.25	1.88	PRIESTS SOLARIS-ET	J9F7	1249	1279	-2.9	A2/A2	42
8/9	201/65	95	77	26	-78	18	9	0.38	0.20	4.19	2.02	KRAAKMANS JAYDIE	F10J6	1278	1319	-4.2	A1/A2	56
6/6	203/52	84	66	17	-182	15	6	0.41	0.22	7.41	2.84	ARKANS BOUNTY	F9J7	1317	1341	-1.6	A1/A2	49
8/8	181/48	40	83	19	-173	9	1	0.29	0.12	4.48	1.94	HORIZON CONSCRIPT ET	F9J7	1266	1291	-1.5	A1/A2	50
6/7	252/69	95	93	30	-166	18	7	0.43	0.23	4.72	2.23	ARRIETA BRANSON-ET	F9J7	1263	1292	-7.3	A2/A2	55
7/7	259/69	103	98	17	-103	21	9	0.44	0.21	5.46	2.50	TIRONUI LT BESIEGE ET	J9F7	1250	1273	-3.6	A2/A2	53
7/7	319/59	116	134	24	-100	21	11	0.45	0.25	4.31	1.52	MITCHELLS KE HUSTLER S2F	F12J4	1345	1373	-3.8	A2/A2	58
8/8	248/64	90	114	16	-23	17	9	0.31	0.17	4.33	2.00	CARSONS FM CAIRO S3F	F12J4	1347	1397	-4.9	A2/A2	58
7/7	230/59	92	105	27	-103	18	8	0.38	0.20	4.20	1.88	LYNBROOK KARTELL	F9J7	1306	1342	-3.2	A1/A2	42
6/7	256/60	128	90	11	-21	26	12	0.47	0.23	4.24	1.90	ULMARRA TT GALLIVANT	J11F5	1315	1352	-2.6	A1/A2	59
7/7	240/56	83	90	24	-220	17	5	0.47	0.22	5.47	2.53	ULMARRA TT GALLIVANT	J12F4	1314	1334	-0.8	A1/A2	59
6/6	206/59	82	95	21	-82	15	7	0.33	0.18	6.17	2.64	HYJINKS SNAPPER	F9J7	1314	1355	-1.4	A2/A2	42
7/8	257/65	100	108	27	-281	20	6	0.56	0.28	5.42	2.23	VAN STRAALENS G-FORCE	J10F6	1234	1259	-2.0	A1/A2	42
7/7	252/64	105	80	26	6	16	12	0.27	0.21	3.82	1.81	GLEN KORU EPIC	F8J8	1225	1231	-0.5	A2/A2	42
6/6	240/62	91	108	21	-82	13	10	0.29	0.22	5.54	2.27	GLEN KORU EPIC	F9J5O2	1143	1161	-1.4	A2/A2	42

 icbf 11/2023  8/12/2023




Daughter of **HARDCOPY**

**JEX152 DIGGS
HARDCOPY**

EBI/REL
317/68%



**JULIAN
TU-MEKE**

EBI/REL
228/38%

IRELAND VALUES

Milk Prod SI	85	Calving Interval (days)	-7.36
Fertility SI	128	Survival	2.85
Carbon SI	40	Cow Calving Difficulty	2.23
Calving SI	53	Heifer Calving Difficulty	4.56
Beef SI	-57	Somatic Cell Count	-0.14
Health SI	8	Milk kg	-278
Maintenance SI	49	Fat kg/%	15/0.47
Management SI	12	Protein kg/%	5/0.26

NEW ZEALAND DETAILS

89 NZ Daughters

HoofPrint®

Nitrogen Efficiency

Methane Efficiency

gBW/Rel **479/88%**

Breeding Details

Split F10J6

Sire DRYSDALES SOVEREIGN

MGS ANNALYSER

MGGS BAGWORTH LEADERSHIP

Volume	187	Protein	26/4.2	Milkfat	48/5.6
Somatic Cell	-0.49	Cow CD	-0.2/98	Heifer CD	-0.6/98
Gestation Length	-8.4	Body Cond	0.12	Func Surv	2.4
Fertility	7.7	Liveweight	14	Udd Over	0.19

NZ Evaluation Data

78 Daughters TOP Inspected

Management	gBV	-0.5	0	0.5	1.0
Adapts to Milking	0.26				
Shed Temperament	0.27				
Milking Speed	0.01				
Overall Opinion	0.30				
Conformation	gBV	-0.5	0	0.5	1.0
Stature	-0.38				
Capacity	0.35				
Rump Angle	-0.59				
Rump Width	-0.23				
Legs	0.09				
Udder Support	0.24				
Front Udder	0.10				
Rear Udder	0.07				
Front Teat Placement	-0.01				
Rear Teat Placement	-0.27				
Teat Length	0.39				
Udder Overall	0.19				
Dairy Conformation	0.24				

LIC Initiatives

High Input	1372
VMSI	1349
A2 Protein	A2/A2

DP - INT

8/12/2023

11/2023



IRELAND VALUES

Milk Prod SI	78	Calving Interval (days)	-2.93
Fertility SI	105	Survival	5.50
Carbon SI	10	Cow Calving Difficulty	1.74
Calving SI	30	Heifer Calving Difficulty	3.95
Beef SI	-13	Somatic Cell Count	-0.04
Health SI	9	Milk kg	-211
Maintenance SI	12	Fat kg/%	15/0.41
Management SI	-3	Protein kg/%	5/0.22

NEW ZEALAND DETAILS

0 NZ Daughters

HoofPrint®

Nitrogen Efficiency

Methane Efficiency

gBW/Rel **578/54%**

Breeding Details

Split F8J8

Sire DOWSON HONENUI-ET

MGS GLEN KORU PROCLAIMER-ET

MGGS HOWIES CHECKPOINT

Volume	-40	Protein	33/4.6	Milkfat	59/6.1
Somatic Cell	0.16	Cow CD	-0.7/79	Heifer CD	-2.1/78
Gestation Length	-5.6	Body Cond	0.08	Func Surv	2.8
Fertility	6.0	Liveweight	17	Udd Over	0.93

NZ Evaluation Data

0 Daughters TOP Inspected

Management	gBV	-0.5	0	0.5	1.0
Adapts to Milking	0.55				
Shed Temperament	0.57				
Milking Speed	-0.04				
Overall Opinion	0.50				
Conformation	gBV	-0.5	0	0.5	1.0
Stature	-0.11				
Capacity	0.85				
Rump Angle	0.58				
Rump Width	-0.09				
Legs	0.17				
Udder Support	0.77				
Front Udder	0.79				
Rear Udder	0.72				
Front Teat Placement	0.70				
Rear Teat Placement	1.19				
Teat Length	-1.15				
Udder Overall	0.93				
Dairy Conformation	0.64				

LIC Initiatives

High Input	1503
VMSI	1465
A2 Protein	A2/A2

8/12/2023

11/2023





Daughter of FLASH GORDON

JEX233 GORDONS
FLASH-GORDON EBI/REL
215/58%



Half Sister of RESOLUTION

LAKE DOWNS
RESOLUTION-ET EBI/REL
184/51%

IRELAND VALUES

Milk Prod SI	156	Calving Interval (days)	-2.38
Fertility SI	49	Survival	1.55
Carbon SI	6	Cow Calving Difficulty	2.27
Calving SI	18	Heifer Calving Difficulty	5.23
Beef SI	-61	Somatic Cell Count	-0.05
Health SI	4	Milk kg	235
Maintenance SI	38	Fat kg/%	28/0.32
Management SI	4	Protein kg/%	20/0.20

IRELAND VALUES

Milk Prod SI	79	Calving Interval (days)	-3.09
Fertility SI	63	Survival	1.91
Carbon SI	11	Cow Calving Difficulty	2.11
Calving SI	38	Heifer Calving Difficulty	4.63
Beef SI	-39	Somatic Cell Count	-0.08
Health SI	9	Milk kg	-227
Maintenance SI	18	Fat kg/%	17/0.46
Management SI	7	Protein kg/%	4/0.21

NEW ZEALAND DETAILS 144 NZ Daughters

HoofPrint®

gBW/Rel **572/90%**

Breeding Details

Split F8J8

Sire LINAN INTEGRITY WINSTON

MGS GYDELAND EXCEL INCA S3F

MGGS MACFARLANES DAUNTLESS

Nitrogen Efficiency

Methane Efficiency

Volume	1009	Protein	52/4.0	Milkfat	60/5.0
Somatic Cell	0.05	Cow CD	0.5/83	Heifer CD	-0.3/74
Gestation Length	3.7	Body Cond	0.08	Func Surv	3.9
Fertility	2.9	Liveweight	16	Udd Over	0.47

NEW ZEALAND DETAILS 0 NZ Daughters

HoofPrint®

gBW/Rel **417/56%**

Breeding Details

Split F8J8

Sire SPEAKES SLIPSTREAM ET

MGS GREENWELL BLACKHAWK

MGGS ZONA CATALYST

Nitrogen Efficiency

Methane Efficiency

Volume	-44	Protein	22/4.3	Milkfat	39/5.6
Somatic Cell	-0.07	Cow CD	-0.6/68	Heifer CD	-0.4/56
Gestation Length	-8.5	Body Cond	0.13	Func Surv	4.8
Fertility	9.0	Liveweight	33	Udd Over	1.20

NZ Evaluation Data 88 Daughters TOP Inspected

Management	gBV	-0.5	0	0.5	1.0
Adapts to Milking	0.22				
Shed Temperament	0.22				
Milking Speed	0.10				
Overall Opinion	0.36				
Conformation	gBV	-0.5	0	0.5	1.0
Stature	0.24				
Capacity	0.34				
Rump Angle	-0.09				
Rump Width	-0.01				
Legs	-0.06				
Udder Support	0.39				
Front Udder	0.34				
Rear Udder	0.86				
Front Teat Placement	-0.30				
Rear Teat Placement	-0.36				
Teat Length	-0.12				
Udder Overall	0.47				
Dairy Conformation	0.50				

NZ Evaluation Data 0 Daughters TOP Inspected

Management	gBV	-0.5	0	0.5	1.0
Adapts to Milking	0.44				
Shed Temperament	0.46				
Milking Speed	0.02				
Overall Opinion	0.37				
Conformation	gBV	-0.5	0	0.5	1.0
Stature	0.47				
Capacity	0.76				
Rump Angle	-0.15				
Rump Width	0.45				
Legs	0.09				
Udder Support	1.03				
Front Udder	0.88				
Rear Udder	0.96				
Front Teat Placement	0.68				
Rear Teat Placement	0.85				
Teat Length	-0.48				
Udder Overall	1.20				
Dairy Conformation	0.82				

LIC Initiatives

High Input	1481
VMSI	1447
A2 Protein	A1/A2

DP - INT

8/12/2023

11/2023


LIC Initiatives

High Input	1405
VMSI	1360
A2 Protein	A2/A2

8/12/2023

11/2023





Dam of WHAKATUPU

DOWSON WHAKATUPU-ET EBI/REL
331/14%

IRELAND VALUES

Milk Prod SI	143	Calving Interval (days)	-3.83
Fertility SI	118	Survival	5.60
Carbon SI	26	Cow Calving Difficulty	1.74
Calving SI	40	Heifer Calving Difficulty	3.61
Beef SI	-50	Somatic Cell Count	0.02
Health SI	6	Milk kg	-179
Maintenance SI	42	Fat kg/%	24/0.53
Management SI	6	Protein kg/%	13/0.33

NEW ZEALAND DETAILS 112 NZ Daughters

HoofPrint®

Nitrogen Efficiency

Methane Efficiency

gBW/Rel **384/85%**

Breeding Details

Split J9F7

Sire GREENWELL BLACKHAWK

MGS BRAEDENE MANZ TRUMPET ET

MGGS TIRONUI MUR KELSTON S3J

Volume	68	Protein	25/4.3	Milkfat	51/5.8
Somatic Cell	0.03	Cow CD	-1.3/59	Heifer CD	-1.4/72
Gestation Length	-6.7	Body Cond	0.00	Func Surv	1.5
Fertility	3.6	Liveweight	52	Udd Over	0.51

NZ Evaluation Data 101 Daughters TOP Inspected

Management	gBV	-0.5	0	0.5	1.0
Adapts to Milking	0.54	[Progress bar]			
Shed Temperament	0.56	[Progress bar]			
Milking Speed	0.11	[Progress bar]			
Overall Opinion	0.54	[Progress bar]			
Conformation	gBV	-0.5	0	0.5	1.0
Stature	0.18	[Progress bar]			
Capacity	0.81	[Progress bar]			
Rump Angle	0.67	[Progress bar]			
Rump Width	0.15	[Progress bar]			
Legs	0.41	[Progress bar]			
Udder Support	0.26	[Progress bar]			
Front Udder	0.60	[Progress bar]			
Rear Udder	0.13	[Progress bar]			
Front Teat Placement	0.67	[Progress bar]			
Rear Teat Placement	0.54	[Progress bar]			
Teat Length	0.24	[Progress bar]			
Udder Overall	0.51	[Progress bar]			
Dairy Conformation	0.68	[Progress bar]			

LIC Initiatives DP - INT

High Input	1340		8/12/2023
VMSI	1326		11/2023
A2 Protein	A1/A2		



Half Sister of MR EXCLUSIVE

JUFFERMANS MR-EXCLUSIVE EBI/REL
212/51%

IRELAND VALUES

Milk Prod SI	120	Calving Interval (days)	-2.01
Fertility SI	51	Survival	2.04
Carbon SI	31	Cow Calving Difficulty	1.66
Calving SI	46	Heifer Calving Difficulty	3.19
Beef SI	-111	Somatic Cell Count	-0.07
Health SI	6	Milk kg	44
Maintenance SI	56	Fat kg/%	23/0.36
Management SI	14	Protein kg/%	13/0.20

NEW ZEALAND DETAILS 0 NZ Daughters

HoofPrint®

Nitrogen Efficiency

Methane Efficiency

gBW/Rel **456/55%**

Breeding Details

Split F9J7

Sire SPEAKES SLIPSTREAM ET

MGS DICKSONS MH MASON-ET S2F

MGGS ARKANS BOUNTY

Volume	339	Protein	30/4.1	Milkfat	53/5.5
Somatic Cell	0.45	Cow CD	0.1/69	Heifer CD	-0.2/56
Gestation Length	-1.9	Body Cond	0.16	Func Surv	3.1
Fertility	4.1	Liveweight	18	Udd Over	0.49

NZ Evaluation Data 0 Daughters TOP Inspected

Management	gBV	-0.5	0	0.5	1.0
Adapts to Milking	0.36	[Progress bar]			
Shed Temperament	0.38	[Progress bar]			
Milking Speed	-0.11	[Progress bar]			
Overall Opinion	0.36	[Progress bar]			
Conformation	gBV	-0.5	0	0.5	1.0
Stature	0.12	[Progress bar]			
Capacity	0.69	[Progress bar]			
Rump Angle	0.15	[Progress bar]			
Rump Width	0.40	[Progress bar]			
Legs	-0.13	[Progress bar]			
Udder Support	0.44	[Progress bar]			
Front Udder	0.46	[Progress bar]			
Rear Udder	0.48	[Progress bar]			
Front Teat Placement	0.02	[Progress bar]			
Rear Teat Placement	-0.08	[Progress bar]			
Teat Length	0.30	[Progress bar]			
Udder Overall	0.49	[Progress bar]			
Dairy Conformation	0.64	[Progress bar]			

LIC Initiatives

High Input	1386		8/12/2023
VMSI	1342		11/2023
A2 Protein	A2/A2		



Half Sister of HONENUI

**JEX155 DOWSON
HONENUI-ET**

 EBI/REL
254/41%
IRELAND VALUES

Milk Prod SI	55	Calving Interval (days)	-3.09
Fertility SI	129	Survival	7.27
Carbon SI	25	Cow Calving Difficulty	1.80
Calving SI	37	Heifer Calving Difficulty	3.88
Beef SI	-25	Somatic Cell Count	-0.08
Health SI	8	Milk kg	-267
Maintenance SI	24	Fat kg/%	10/0.38
Management SI	1	Protein kg/%	2/0.20

NEW ZEALAND DETAILS
343 NZ Daughters

HoofPrint®

Nitrogen Efficiency

Methane Efficiency

gBW/Rel **409/91%**

Breeding Details

Split J9F7

Sire GREENWELL BLACKHAWK

MGS BRAEDENE MANZ TRUMPET ET

MGGS TIRONUI MUR KELSTON S3J

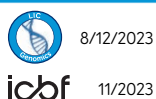
Volume	-454	Protein	21/4.7	Milkfat	44/6.3
Somatic Cell	0.31	Cow CD	0.0/96	Heifer CD	-1.3/96
Gestation Length	0.0	Body Cond	0.14	Func Surv	4.8
Fertility	8.6	Liveweight	54	Udd Over	1.10

NZ Evaluation Data
136 Daughters TOP Inspected

Management	gBV	-0.5	0	0.5	1.0
Adapts to Milking	0.64				
Shed Temperament	0.66				
Milking Speed	0.24				
Overall Opinion	0.68				
Conformation	gBV	-0.5	0	0.5	1.0
Stature	0.32				
Capacity	0.70				
Rump Angle	0.35				
Rump Width	-0.12				
Legs	0.11				
Udder Support	1.02				
Front Udder	1.05				
Rear Udder	0.77				
Front Teat Placement	0.58				
Rear Teat Placement	0.87				
Teat Length	-0.15				
Udder Overall	1.10				
Dairy Conformation	0.63				

LIC Initiatives
DP - INT

High Input	1411
VMSI	1374
A2 Protein	A2/A2



Dam of PREMONITION

**JEX143 WERDERS
PREMONITION**

 EBI/REL
241/72%
IRELAND VALUES

Milk Prod SI	105	Calving Interval (days)	-4.38
Fertility SI	84	Survival	2.34
Carbon SI	11	Cow Calving Difficulty	2.25
Calving SI	43	Heifer Calving Difficulty	5.59
Beef SI	-33	Somatic Cell Count	-0.09
Health SI	5	Milk kg	-102
Maintenance SI	21	Fat kg/%	25/0.51
Management SI	4	Protein kg/%	8/0.20

NEW ZEALAND DETAILS
6861 NZ Daughters

HoofPrint®

Nitrogen Efficiency

Methane Efficiency

gBW/Rel **464/99%**

Breeding Details

Split F8J8

Sire PRIESTS SIERRA

MGS MARSDEN NN EXCELL ET

MGGS ADAMS ROCKHARD-ET

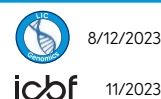
Volume	-66	Protein	21/4.3	Milkfat	58/6.1
Somatic Cell	-0.28	Cow CD	-0.3/99	Heifer CD	0.4/99
Gestation Length	-7.4	Body Cond	0.07	Func Surv	3.4
Fertility	1.1	Liveweight	27	Udd Over	0.70

NZ Evaluation Data
121 Daughters TOP Inspected

Management	gBV	-0.5	0	0.5	1.0
Adapts to Milking	0.48				
Shed Temperament	0.48				
Milking Speed	0.32				
Overall Opinion	0.59				
Conformation	gBV	-0.5	0	0.5	1.0
Stature	-0.21				
Capacity	0.70				
Rump Angle	-0.15				
Rump Width	-0.16				
Legs	0.04				
Udder Support	0.62				
Front Udder	0.68				
Rear Udder	0.66				
Front Teat Placement	0.31				
Rear Teat Placement	0.77				
Teat Length	-0.19				
Udder Overall	0.70				
Dairy Conformation	0.75				

LIC Initiatives
DP - INT

High Input	1392
VMSI	1383
A2 Protein	A2/A2





Half Sister of KERERU

GREENMILE KERERU

EBI/REL
311/26%

IRELAND VALUES

Milk Prod SI	186	Calving Interval (days)	-2.13
Fertility SI	77	Survival	4.04
Carbon SI	11	Cow Calving Difficulty	2.40
Calving SI	33	Heifer Calving Difficulty	5.46
Beef SI	-42	Somatic Cell Count	0.04
Health SI	0	Milk kg	7
Maintenance SI	39	Fat kg/%	33/0.54
Management SI	7	Protein kg/%	20/0.33

NEW ZEALAND DETAILS

117 NZ Daughters

HoofPrint®

Nitrogen Efficiency

Methane Efficiency

gBW/Rel **478/85%**

Breeding Details

Split J11F5

Sire GLEN KORU BECKON

MGS OKURA LT INTEGRITY

MGGS HOWIES CHECKPOINT

Volume	707	Protein	37/4.0	Milkfat	51/5.1
Somatic Cell	0.05	Cow CD	-0.3/63	Heifer CD	-1.7/70
Gestation Length	-5.3	Body Cond	-0.04	Func Surv	1.1
Fertility	0.0	Liveweight	-17	Udd Over	0.33

NZ Evaluation Data

112 Daughters TOP Inspected

Management	gBV	-0.5	0	0.5	1.0
Adapts to Milking	0.43	[Bar chart]			
Shed Temperament	0.43	[Bar chart]			
Milking Speed	0.36	[Bar chart]			
Overall Opinion	0.51	[Bar chart]			
Conformation	gBV	-0.5	0	0.5	1.0
Stature	-0.40	[Bar chart]			
Capacity	0.37	[Bar chart]			
Rump Angle	-0.33	[Bar chart]			
Rump Width	0.31	[Bar chart]			
Legs	0.06	[Bar chart]			
Udder Support	0.25	[Bar chart]			
Front Udder	0.32	[Bar chart]			
Rear Udder	0.58	[Bar chart]			
Front Teat Placement	-0.11	[Bar chart]			
Rear Teat Placement	0.06	[Bar chart]			
Teat Length	-0.16	[Bar chart]			
Udder Overall	0.33	[Bar chart]			
Dairy Conformation	0.30	[Bar chart]			

LIC Initiatives

High Input	1379
VMSI	1365
A2 Protein	A2/A2

DP - INT

8/12/2023

11/2023



PAYNES SPECIALIST

EBI/REL
166/34%

IRELAND VALUES

Milk Prod SI	60	Calving Interval (days)	-3.59
Fertility SI	83	Survival	3.04
Carbon SI	1	Cow Calving Difficulty	2.09
Calving SI	20	Heifer Calving Difficulty	4.68
Beef SI	15	Somatic Cell Count	-0.04
Health SI	3	Milk kg	-311
Maintenance SI	-11	Fat kg/%	9/0.39
Management SI	-5	Protein kg/%	2/0.23

NEW ZEALAND DETAILS

0 NZ Daughters

HoofPrint®

Nitrogen Efficiency

Methane Efficiency

gBW/Rel **607/53%**

Breeding Details

Split J9F7

Sire GREENWELL BACKGAMMON

MGS CAWDOR PINNACLE

MGGS SCOTTS BRITESTAR

Volume	-121	Protein	24/4.4	Milkfat	51/6.0
Somatic Cell	-0.54	Cow CD	-1.9/69	Heifer CD	-1.8/69
Gestation Length	-7.8	Body Cond	0.18	Func Surv	6.1
Fertility	9.6	Liveweight	-16	Udd Over	0.62

NZ Evaluation Data

0 Daughters TOP Inspected

Management	gBV	-0.5	0	0.5	1.0
Adapts to Milking	-0.27	[Bar chart]			
Shed Temperament	-0.29	[Bar chart]			
Milking Speed	0.09	[Bar chart]			
Overall Opinion	-0.07	[Bar chart]			
Conformation	gBV	-0.5	0	0.5	1.0
Stature	-0.43	[Bar chart]			
Capacity	0.21	[Bar chart]			
Rump Angle	0.31	[Bar chart]			
Rump Width	0.10	[Bar chart]			
Legs	0.12	[Bar chart]			
Udder Support	0.53	[Bar chart]			
Front Udder	0.57	[Bar chart]			
Rear Udder	0.52	[Bar chart]			
Front Teat Placement	0.26	[Bar chart]			
Rear Teat Placement	0.31	[Bar chart]			
Teat Length	-0.32	[Bar chart]			
Udder Overall	0.62	[Bar chart]			
Dairy Conformation	0.20	[Bar chart]			

LIC Initiatives

High Input	1458
VMSI	1427
A2 Protein	A2/A2

8/12/2023

11/2023





Daughter of K2

**JEX251 KOKOAMO
K2**

EBI/REL
203/52%

IRELAND VALUES

Milk Prod SI	84	Calving Interval (days)	-3.52
Fertility SI	66	Survival	1.71
Carbon SI	17	Cow Calving Difficulty	2.84
Calving SI	20	Heifer Calving Difficulty	7.41
Beef SI	-30	Somatic Cell Count	-0.08
Health SI	15	Milk kg	-182
Maintenance SI	25	Fat kg/%	15/0.41
Management SI	5	Protein kg/%	6/0.22

NEW ZEALAND DETAILS

95 NZ Daughters

HoofPrint®

Nitrogen Efficiency

Methane Efficiency

gBW/Rel **376/87%**

Breeding Details

Split F9J7

Sire ARKANS BOUNTY

MGS ARKAN FM BUSTER-ET S2F

MGGS GLENMEAD FREEZE-ET

Volume	65	Protein	23/4.2	Milkfat	39/5.5
Somatic Cell	0.23	Cow CD	1.7/67	Heifer CD	0.9/39
Gestation Length	-1.6	Body Cond	0.17	Func Surv	4.4
Fertility	1.6	Liveweight	20	Udd Over	0.70

NZ Evaluation Data

86 Daughters TOP Inspected

Management	gBV	-0.5	0	0.5	1.0
Adapts to Milking	0.66	[Progress bar]			
Shed Temperament	0.68	[Progress bar]			
Milking Speed	0.27	[Progress bar]			
Overall Opinion	0.59	[Progress bar]			
Conformation	gBV	-0.5	0	0.5	1.0
Stature	-0.09	[Progress bar]			
Capacity	0.86	[Progress bar]			
Rump Angle	-0.26	[Progress bar]			
Rump Width	0.30	[Progress bar]			
Legs	0.01	[Progress bar]			
Udder Support	0.83	[Progress bar]			
Front Udder	0.50	[Progress bar]			
Rear Udder	0.69	[Progress bar]			
Front Teat Placement	0.32	[Progress bar]			
Rear Teat Placement	1.37	[Progress bar]			
Teat Length	-0.91	[Progress bar]			
Udder Overall	0.70	[Progress bar]			
Dairy Conformation	0.84	[Progress bar]			

LIC Initiatives

DP - INT

High Input	1341
VMSI	1317
A2 Protein	A1/A2

8/12/2023

11/2023



Dam of PLATO

**BURGESS
PLATO-ET**

EBI/REL
180/50%

IRELAND VALUES

Milk Prod SI	90	Calving Interval (days)	-2.44
Fertility SI	57	Survival	2.09
Carbon SI	11	Cow Calving Difficulty	3.25
Calving SI	16	Heifer Calving Difficulty	7.23
Beef SI	-28	Somatic Cell Count	-0.08
Health SI	11	Milk kg	-209
Maintenance SI	14	Fat kg/%	17/0.45
Management SI	10	Protein kg/%	6/0.24

NEW ZEALAND DETAILS

0 NZ Daughters

HoofPrint®

Nitrogen Efficiency

Methane Efficiency

gBW/Rel **488/56%**

Breeding Details

Split J11F5

Sire SPEAKES SLIPSTREAM ET

MGS ARKANS BOUNTY

MGGS LYNBROOK TERRIFIC ET S3J

Volume	167	Protein	31/4.3	Milkfat	50/5.6
Somatic Cell	0.05	Cow CD	0.2/79	Heifer CD	-1.1/76
Gestation Length	2.1	Body Cond	0.18	Func Surv	1.2
Fertility	7.9	Liveweight	23	Udd Over	0.28

NZ Evaluation Data

0 Daughters TOP Inspected

Management	gBV	-0.5	0	0.5	1.0
Adapts to Milking	0.47	[Progress bar]			
Shed Temperament	0.49	[Progress bar]			
Milking Speed	0.03	[Progress bar]			
Overall Opinion	0.43	[Progress bar]			
Conformation	gBV	-0.5	0	0.5	1.0
Stature	0.05	[Progress bar]			
Capacity	0.85	[Progress bar]			
Rump Angle	0.08	[Progress bar]			
Rump Width	0.33	[Progress bar]			
Legs	0.08	[Progress bar]			
Udder Support	0.35	[Progress bar]			
Front Udder	0.27	[Progress bar]			
Rear Udder	0.40	[Progress bar]			
Front Teat Placement	-0.13	[Progress bar]			
Rear Teat Placement	0.18	[Progress bar]			
Teat Length	0.59	[Progress bar]			
Udder Overall	0.28	[Progress bar]			
Dairy Conformation	0.71	[Progress bar]			

LIC Initiatives

High Input	1410
VMSI	1370
A2 Protein	A2/A2

8/12/2023

11/2023





Half Sister of MULTIPLIER

**JEX260 JULIAN
MULTIPLIER-ET**

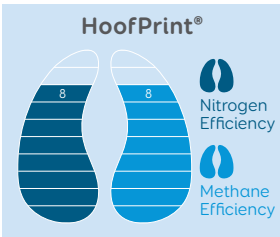
EBI/REL
248/55%

IRELAND VALUES

Milk Prod SI	113	Calving Interval (days)	-4.38
Fertility SI	106	Survival	4.12
Carbon SI	24	Cow Calving Difficulty	1.52
Calving SI	38	Heifer Calving Difficulty	3.29
Beef SI	-72	Somatic Cell Count	0.05
Health SI	1	Milk kg	-26
Maintenance SI	44	Fat kg/%	21/0.39
Management SI	-5	Protein kg/%	11/0.21

NEW ZEALAND DETAILS

153 NZ Daughters



gBW/Rel **416/87%**

Breeding Details

Split	F9J7
Sire	GLEN KORU PROCLAIMER-ET
MGS	OKURA LIKA MURMUR S3J
MGGS	PUKETIRO FROSTMAN S1F

Volume	258	Protein	24/4.1	Milkfat	40/5.3
Somatic Cell	-0.06	Cow CD	0.1/93	Heifer CD	-1.7/95
Gestation Length	-1.8	Body Cond	0.00	Func Surv	3.4
Fertility	7.0	Liveweight	-2	Udd Over	1.43

NZ Evaluation Data

117 Daughters TOP Inspected

Management	gBV	-0.5	0	0.5	1.0
Adapts to Milking	0.11				
Shed Temperament	0.12				
Milking Speed	-0.06				
Overall Opinion	0.15				
Conformation	gBV	-0.5	0	0.5	1.0
Stature	-0.02				
Capacity	0.63				
Rump Angle	0.04				
Rump Width	-0.40				
Legs	0.06				
Udder Support	1.20				
Front Udder	1.17				
Rear Udder	1.39				
Front Teat Placement	0.51				
Rear Teat Placement	0.73				
Teat Length	-0.79				
Udder Overall	1.43				
Dairy Conformation	0.65				

LIC Initiatives

High Input	1422
VMSI	1372
A2 Protein	A2/A2

DP - INT
8/12/2023
icbf 11/2023



Daughter of BAILIFF

**JEX269 ARKANS
BAILIFF**

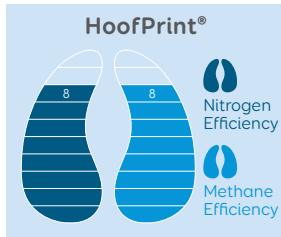
EBI/REL
181/48%

IRELAND VALUES

Milk Prod SI	40	Calving Interval (days)	-4.87
Fertility SI	83	Survival	1.78
Carbon SI	19	Cow Calving Difficulty	1.94
Calving SI	24	Heifer Calving Difficulty	4.48
Beef SI	-12	Somatic Cell Count	-0.14
Health SI	5	Milk kg	-173
Maintenance SI	24	Fat kg/%	9/0.29
Management SI	-2	Protein kg/%	1/0.12

NEW ZEALAND DETAILS

98 NZ Daughters



gBW/Rel **371/87%**

Breeding Details

Split	F9J7
Sire	HORIZON CONSCRIPT ET
MGS	SAN RAY FM BEAMER-ET S2F
MGGS	PUKETAWA AD SUPERSTITION

Volume	327	Protein	18/3.9	Milkfat	30/5.0
Somatic Cell	-0.50	Cow CD	-0.3/67	Heifer CD	-0.3/38
Gestation Length	-1.5	Body Cond	0.12	Func Surv	5.4
Fertility	10.3	Liveweight	2	Udd Over	0.36

NZ Evaluation Data

89 Daughters TOP Inspected

Management	gBV	-0.5	0	0.5	1.0
Adapts to Milking	0.50				
Shed Temperament	0.49				
Milking Speed	0.51				
Overall Opinion	0.59				
Conformation	gBV	-0.5	0	0.5	1.0
Stature	0.01				
Capacity	0.68				
Rump Angle	0.15				
Rump Width	0.09				
Legs	0.12				
Udder Support	0.22				
Front Udder	0.35				
Rear Udder	0.32				
Front Teat Placement	0.32				
Rear Teat Placement	0.50				
Teat Length	-0.06				
Udder Overall	0.36				
Dairy Conformation	0.66				

LIC Initiatives

High Input	1291
VMSI	1266
A2 Protein	A1/A2

DP - INT
8/12/2023
icbf 11/2023





Half Sister of JURASSIC

TENNANT JURASSIC

 EBI/REL
205/15%

IRELAND VALUES

Milk Prod SI	87	Calving Interval (days)	-2.52
Fertility SI	58	Survival	2.09
Carbon SI	18	Cow Calving Difficulty	1.70
Calving SI	37	Heifer Calving Difficulty	3.71
Beef SI	-37	Somatic Cell Count	0.02
Health SI	0	Milk kg	6
Maintenance SI	36	Fat kg/%	14/0.24
Management SI	6	Protein kg/%	10/0.16

NEW ZEALAND DETAILS

107 NZ Daughters

HoofPrint®

Nitrogen Efficiency

Methane Efficiency

gBW/Rel **449/84%**

Breeding Details

Split F9J7

Sire HORIZON ASCOTT

MGS ARKANS BRIMSTONE-ET

MGGS SRC GLENMEAD RUSH-ET

Volume	268	Protein	31/4.2	Milkfat	33/5.2
Somatic Cell	-0.14	Cow CD	1.0/80	Heifer CD	0.4/73
Gestation Length	-4.9	Body Cond	0.29	Func Surv	4.9
Fertility	4.0	Liveweight	5	Udd Over	0.28

NZ Evaluation Data

94 Daughters TOP Inspected

Management	gBV	-0.5	0	0.5	1.0
Adapts to Milking	0.42	[Progress bar]			
Shed Temperament	0.42	[Progress bar]			
Milking Speed	0.43	[Progress bar]			
Overall Opinion	0.40	[Progress bar]			
Conformation	gBV	-0.5	0	0.5	1.0
Stature	-0.42	[Progress bar]			
Capacity	0.52	[Progress bar]			
Rump Angle	-0.02	[Progress bar]			
Rump Width	0.01	[Progress bar]			
Legs	0.13	[Progress bar]			
Udder Support	0.55	[Progress bar]			
Front Udder	0.10	[Progress bar]			
Rear Udder	0.52	[Progress bar]			
Front Teat Placement	-0.20	[Progress bar]			
Rear Teat Placement	0.75	[Progress bar]			
Teat Length	0.12	[Progress bar]			
Udder Overall	0.28	[Progress bar]			
Dairy Conformation	0.34	[Progress bar]			

LIC Initiatives

DP - INT

High Input	1349
VMSI	1327
A2 Protein	A2/A2

8/12/2023

11/2023



Half Sister of OLYMPIAN

WERDERS OLYMPIAN

IRELAND VALUES

EBI DATA not yet available			
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NEW ZEALAND DETAILS

0 NZ Daughters

HoofPrint®

Nitrogen Efficiency

Methane Efficiency

gBW/Rel **415/55%**

Breeding Details

Split F9J7

Sire BURGESS PRESTIGE-ET

MGS OKURA PCG HEADSTART

MGGS FARMSIDE M ILLUSTRIOUS S3F

Volume	-209	Protein	19/4.4	Milkfat	40/5.9
Somatic Cell	0.00	Cow CD	-1.0/95	Heifer CD	0.3/84
Gestation Length	-5.4	Body Cond	0.05	Func Surv	3.6
Fertility	2.6	Liveweight	-6	Udd Over	0.34

NZ Evaluation Data

0 Daughters TOP Inspected

Management	gBV	-0.5	0	0.5	1.0
Adapts to Milking	0.59	[Progress bar]			
Shed Temperament	0.61	[Progress bar]			
Milking Speed	0.17	[Progress bar]			
Overall Opinion	0.58	[Progress bar]			
Conformation	gBV	-0.5	0	0.5	1.0
Stature	-0.38	[Progress bar]			
Capacity	0.57	[Progress bar]			
Rump Angle	0.22	[Progress bar]			
Rump Width	0.00	[Progress bar]			
Legs	-0.05	[Progress bar]			
Udder Support	0.39	[Progress bar]			
Front Udder	0.36	[Progress bar]			
Rear Udder	0.26	[Progress bar]			
Front Teat Placement	-0.05	[Progress bar]			
Rear Teat Placement	-0.08	[Progress bar]			
Teat Length	-0.05	[Progress bar]			
Udder Overall	0.34	[Progress bar]			
Dairy Conformation	0.58	[Progress bar]			

LIC Initiatives

High Input	1325
VMSI	1308
A2 Protein	A2/A2

8/12/2023

11/2023





KAIPER TEMPTATION-ET

EBI/REL
232/17%



Half Sister of CHAPARRAL

WICKLOW HIGH CHAPARRAL

EBI/REL
229/22%

IRELAND VALUES

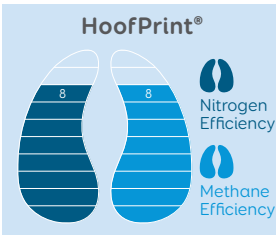
Milk Prod SI	80	Calving Interval (days)	-2.45
Fertility SI	84	Survival	4.30
Carbon SI	21	Cow Calving Difficulty	1.99
Calving SI	39	Heifer Calving Difficulty	4.43
Beef SI	-32	Somatic Cell Count	-0.05
Health SI	7	Milk kg	-152
Maintenance SI	28	Fat kg/%	15/0.38
Management SI	4	Protein kg/%	6/0.21

IRELAND VALUES

Milk Prod SI	92	Calving Interval (days)	-3.61
Fertility SI	69	Survival	1.88
Carbon SI	16	Cow Calving Difficulty	2.08
Calving SI	39	Heifer Calving Difficulty	5.06
Beef SI	-29	Somatic Cell Count	-0.06
Health SI	6	Milk kg	-27
Maintenance SI	31	Fat kg/%	20/0.38
Management SI	5	Protein kg/%	8/0.16

NEW ZEALAND DETAILS

0 NZ Daughters



gBW/Rel **424/54%**

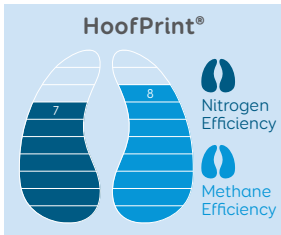
Breeding Details

Split	J9F7
Sire	DOWSON HONENUI-ET
MGS	GLEN KORU BECKON
MGGS	SAN RAY FM BEAMER-ET S2F

Volume	-283	Protein	18/4.5	Milkfat	41/6.0
Somatic Cell	-0.02	Cow CD	-0.4/67	Heifer CD	-4.3/63
Gestation Length	0.9	Body Cond	0.06	Func Surv	3.6
Fertility	9.1	Liveweight	17	Udd Over	0.94

NEW ZEALAND DETAILS

97 NZ Daughters



gBW/Rel **505/83%**

Breeding Details

Split	F9J7
Sire	WERDERS PREMONITION
MGS	TENNANT DARKSTAR-OC S1F
MGGS	SCOTTS NORTHSEA

Volume	158	Protein	23/4.1	Milkfat	67/6.0
Somatic Cell	0.27	Cow CD	-1.0/91	Heifer CD	-1.1/97
Gestation Length	-3.7	Body Cond	0.16	Func Surv	3.8
Fertility	0.9	Liveweight	0	Udd Over	0.14

NZ Evaluation Data

0 Daughters TOP Inspected

Management	gBV	-0.5	0	0.5	1.0
Adapts to Milking	0.29				
Shed Temperament	0.29				
Milking Speed	0.22				
Overall Opinion	0.43				
Conformation	gBV	-0.5	0	0.5	1.0
Stature	-0.30				
Capacity	0.73				
Rump Angle	-0.27				
Rump Width	0.08				
Legs	0.07				
Udder Support	0.83				
Front Udder	0.79				
Rear Udder	0.77				
Front Teat Placement	0.54				
Rear Teat Placement	0.88				
Teat Length	0.35				
Udder Overall	0.94				
Dairy Conformation	0.64				

NZ Evaluation Data

81 Daughters TOP Inspected

Management	gBV	-0.5	0	0.5	1.0
Adapts to Milking	0.67				
Shed Temperament	0.68				
Milking Speed	0.35				
Overall Opinion	0.63				
Conformation	gBV	-0.5	0	0.5	1.0
Stature	-0.92				
Capacity	0.48				
Rump Angle	-0.08				
Rump Width	-0.63				
Legs	0.10				
Udder Support	0.11				
Front Udder	0.18				
Rear Udder	0.14				
Front Teat Placement	-0.02				
Rear Teat Placement	-0.12				
Teat Length	0.36				
Udder Overall	0.14				
Dairy Conformation	0.33				

LIC Initiatives

High Input	1394		8/12/2023
VMSI	1360		11/2023
A2 Protein	A2/A2		



LIC Initiatives

High Input	1379		8/12/2023
VMSI	1364		11/2023
A2 Protein	A2/A2		





Daughter of TRADER

JEX266 SCHRADERS TRADER

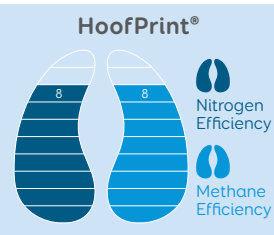
EBI/REL
158/50%

IRELAND VALUES

Milk Prod SI	74	Calving Interval (days)	-3.01
Fertility SI	47	Survival	0.75
Carbon SI	8	Cow Calving Difficulty	1.62
Calving SI	37	Heifer Calving Difficulty	3.71
Beef SI	-20	Somatic Cell Count	0.03
Health SI	-15	Milk kg	115
Maintenance SI	23	Fat kg/%	16/0.20
Management SI	3	Protein kg/%	9/0.08

NEW ZEALAND DETAILS

81 NZ Daughters



gBW/Rel **489/86%**

Breeding Details

Split	F10J6
Sire	MARSHALLS SILVER LINING
MGS	ARKANS ATHLETE ET
MGGS	SCOTTS NORTHSEA

Volume	1337	Protein	51/3.8	Milkfat	66/4.8
Somatic Cell	0.38	Cow CD	-0.4/93	Heifer CD	0.6/89
Gestation Length	-11.3	Body Cond	0.11	Func Surv	3.3
Fertility	0.6	Liveweight	44	Udd Over	0.05

NZ Evaluation Data

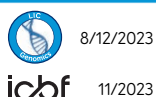
72 Daughters TOP Inspected

Management	gBV	-0.5	0	0.5	1.0
Adapts to Milking	0.09				
Shed Temperament	0.06				
Milking Speed	0.52				
Overall Opinion	0.26				
Conformation	gBV	-0.5	0	0.5	1.0
Stature	0.54				
Capacity	1.12				
Rump Angle	0.21				
Rump Width	0.13				
Legs	-0.03				
Udder Support	0.18				
Front Udder	-0.13				
Rear Udder	0.13				
Front Teat Placement	0.01				
Rear Teat Placement	0.44				
Teat Length	0.28				
Udder Overall	0.05				
Dairy Conformation	1.10				

LIC Initiatives

DP - INT

High Input	1424
VMSI	1404
A2 Protein	A2/A2



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Daughter of PROFESSIONAL

JEX140 DEANS PROFESSIONAL

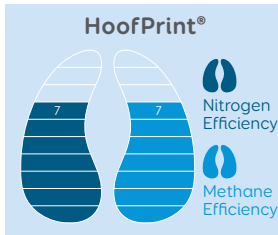
EBI/REL
259/69%

IRELAND VALUES

Milk Prod SI	103	Calving Interval (days)	-5.11
Fertility SI	98	Survival	2.67
Carbon SI	17	Cow Calving Difficulty	2.50
Calving SI	37	Heifer Calving Difficulty	5.46
Beef SI	-50	Somatic Cell Count	-0.11
Health SI	9	Milk kg	-103
Maintenance SI	31	Fat kg/%	21/0.44
Management SI	15	Protein kg/%	9/0.21

NEW ZEALAND DETAILS

11125 NZ Daughters



gBW/Rel **346/99%**

Breeding Details

Split	J9F7
Sire	TIRONUI LT BESIEGE ET
MGS	WHINLEA PF ESTEEM-ET S2F
MGGS	FAIRMONT MINT-EDITION

Volume	405	Protein	20/3.9	Milkfat	35/5.1
Somatic Cell	-0.01	Cow CD	0.3/96	Heifer CD	-0.1/98
Gestation Length	-3.6	Body Cond	0.21	Func Surv	5.0
Fertility	5.4	Liveweight	10	Udd Over	0.32

NZ Evaluation Data

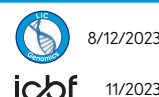
122 Daughters TOP Inspected

Management	gBV	-0.5	0	0.5	1.0
Adapts to Milking	0.30				
Shed Temperament	0.28				
Milking Speed	0.37				
Overall Opinion	0.51				
Conformation	gBV	-0.5	0	0.5	1.0
Stature	-0.17				
Capacity	0.23				
Rump Angle	-0.06				
Rump Width	0.35				
Legs	-0.04				
Udder Support	0.38				
Front Udder	0.15				
Rear Udder	0.27				
Front Teat Placement	0.02				
Rear Teat Placement	0.00				
Teat Length	0.37				
Udder Overall	0.32				
Dairy Conformation	0.48				

LIC Initiatives

DP - INT

High Input	1273
VMSI	1250
A2 Protein	A2/A2



8/12/2023
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Dam of DEFENDER

JEX245 VAN STRAALENS EBI/REL
DEFENDER 147/49%

IRELAND VALUES

Milk Prod SI	68	Calving Interval (days)	-1.54
Fertility SI	32	Survival	1.00
Carbon SI	4	Cow Calving Difficulty	2.27
Calving SI	31	Heifer Calving Difficulty	5.71
Beef SI	-1	Somatic Cell Count	0.01
Health SI	3	Milk kg	-203
Maintenance SI	13	Fat kg/%	16/0.43
Management SI	-3	Protein kg/%	3/0.17

NEW ZEALAND DETAILS 108 NZ Daughters

HoofPrint® gBW/Rel **392/88%**

Breeding Details

Split	F9J7
Sire	MARSHALLS SILVER LINING
MGS	WOODHEYS SPEED DIAL
MGGS	SCOTTS NORTHSEA

Nitrogen Efficiency
Methane Efficiency

Volume	430	Protein	33/4.1	Milkfat	47/5.3
Somatic Cell	0.42	Cow CD	-0.3/72	Heifer CD	-1.6/36
Gestation Length	-5.0	Body Cond	-0.07	Func Surv	0.9
Fertility	0.6	Liveweight	18	Udd Over	0.62

NZ Evaluation Data 100 Daughters TOP Inspected

Management	gBV	-0.5	0	0.5	1.0
Adapts to Milking	0.02				
Shed Temperament	0.03				
Milking Speed	-0.24				
Overall Opinion	0.00				
Conformation	gBV	-0.5	0	0.5	1.0
Stature	0.45				
Capacity	0.42				
Rump Angle	0.26				
Rump Width	0.12				
Legs	-0.06				
Udder Support	0.63				
Front Udder	0.19				
Rear Udder	0.71				
Front Teat Placement	0.38				
Rear Teat Placement	1.08				
Teat Length	-0.12				
Udder Overall	0.62				
Dairy Conformation	0.61				

LIC Initiatives

High Input	1362
VMSI	1339
A2 Protein	A1/A2

DP - INT

8/12/2023

11/2023



Daughter of KARTELL

JE6007 LYNBROOK EBI/REL
KARTELL 182/82%

IRELAND VALUES

Milk Prod SI	92	Calving Interval (days)	-3.45
Fertility SI	69	Survival	2.03
Carbon SI	23	Cow Calving Difficulty	2.20
Calving SI	41	Heifer Calving Difficulty	4.40
Beef SI	-57	Somatic Cell Count	-0.05
Health SI	-27	Milk kg	-181
Maintenance SI	39	Fat kg/%	12/0.35
Management SI	4	Protein kg/%	8/0.26

NEW ZEALAND DETAILS 14292 NZ Daughters

HoofPrint® gBW/Rel **389/99%**

Breeding Details

Split	J8F7A1
Sire	HOWIES ARKAN RAMADA ET
MGS	OKURA LIKA MURMUR S3J
MGGS	SCOTTS NORTHSEA

Nitrogen Efficiency
Methane Efficiency

Volume	127	Protein	25/4.2	Milkfat	32/5.3
Somatic Cell	0.35	Cow CD	-0.9/90	Heifer CD	-1.0/99
Gestation Length	-4.7	Body Cond	-0.08	Func Surv	3.1
Fertility	7.2	Liveweight	-15	Udd Over	0.49

NZ Evaluation Data 170 Daughters TOP Inspected

Management	gBV	-0.5	0	0.5	1.0
Adapts to Milking	0.20				
Shed Temperament	0.20				
Milking Speed	0.23				
Overall Opinion	0.19				
Conformation	gBV	-0.5	0	0.5	1.0
Stature	-0.55				
Capacity	0.46				
Rump Angle	0.15				
Rump Width	0.33				
Legs	0.27				
Udder Support	0.32				
Front Udder	0.59				
Rear Udder	0.52				
Front Teat Placement	0.13				
Rear Teat Placement	0.13				
Teat Length	0.12				
Udder Overall	0.49				
Dairy Conformation	0.31				

LIC Initiatives

High Input	1324
VMSI	1291
A2 Protein	A1/A2

DP - INT

8/12/2023

11/2023





Dam of HOMEBREW

JEX191 INNOVATION HOMEBREW

 EBI/REL
252/69%


Daughter of SIERRA

ZSP PRIESTS SIERRA

 EBI/REL
184/97%

IRELAND VALUES

Milk Prod SI	95	Calving Interval (days)	-4.47
Fertility SI	93	Survival	2.99
Carbon SI	30	Cow Calving Difficulty	2.23
Calving SI	45	Heifer Calving Difficulty	4.72
Beef SI	-73	Somatic Cell Count	-0.07
Health SI	10	Milk kg	-166
Maintenance SI	38	Fat kg/%	18/0.43
Management SI	14	Protein kg/%	7/0.23

IRELAND VALUES

Milk Prod SI	95	Calving Interval (days)	-3.32
Fertility SI	63	Survival	1.73
Carbon SI	9	Cow Calving Difficulty	2.40
Calving SI	42	Heifer Calving Difficulty	5.84
Beef SI	-44	Somatic Cell Count	-0.09
Health SI	-4	Milk kg	-24
Maintenance SI	17	Fat kg/%	18/0.33
Management SI	6	Protein kg/%	9/0.18

NEW ZEALAND DETAILS 9471 NZ Daughters

HoofPrint®

Nitrogen Efficiency

Methane Efficiency

gBW/Rel **364/98%**

Breeding Details

Split F9J7

Sire ARRIETA BRANSON-ET

MGS ARKANS BEAUT ET

MGGS ST PETERS OBSIDIAN

Volume	-293	Protein	15/4.4	Milkfat	37/5.9
Somatic Cell	0.16	Cow CD	-0.6/98	Heifer CD	0.4/99
Gestation Length	-7.3	Body Cond	0.36	Func Surv	3.9
Fertility	4.0	Liveweight	44	Udd Over	0.56

NEW ZEALAND DETAILS 116008 NZ Daughters

HoofPrint®

Nitrogen Efficiency

Methane Efficiency

gBW/Rel **384/99%**

Breeding Details

Split F11J5

Sire FAIRMONT MINT-EDITION

MGS INGRAMS RAMROD

MGGS AMADEUS JC12

Volume	509	Protein	30/4.0	Milkfat	44/5.1
Somatic Cell	-0.17	Cow CD	0.4/99	Heifer CD	2.7/99
Gestation Length	-6.6	Body Cond	0.05	Func Surv	3.3
Fertility	5.0	Liveweight	40	Udd Over	0.39

NZ Evaluation Data 99 Daughters TOP Inspected

Management	gBV	-0.5	0	0.5	1.0
Adapts to Milking	0.35				
Shed Temperament	0.35				
Milking Speed	0.36				
Overall Opinion	0.47				
Conformation	gBV	-0.5	0	0.5	1.0
Stature	-0.03				
Capacity	0.68				
Rump Angle	-0.01				
Rump Width	0.16				
Legs	-0.03				
Udder Support	0.45				
Front Udder	0.68				
Rear Udder	0.43				
Front Teat Placement	0.09				
Rear Teat Placement	-0.22				
Teat Length	0.07				
Udder Overall	0.56				
Dairy Conformation	0.59				

NZ Evaluation Data 681 Daughters TOP Inspected

Management	gBV	-0.5	0	0.5	1.0
Adapts to Milking	0.52				
Shed Temperament	0.55				
Milking Speed	0.01				
Overall Opinion	0.49				
Conformation	gBV	-0.5	0	0.5	1.0
Stature	0.49				
Capacity	0.56				
Rump Angle	0.01				
Rump Width	0.03				
Legs	0.11				
Udder Support	0.45				
Front Udder	0.36				
Rear Udder	0.39				
Front Teat Placement	0.23				
Rear Teat Placement	1.02				
Teat Length	-0.74				
Udder Overall	0.39				
Dairy Conformation	0.60				

LIC Initiatives

High Input	1292
VMSI	1263
A2 Protein	A2/A2

DP - INT

8/12/2023

11/2023



LIC Initiatives

High Input	1339
VMSI	1318
A2 Protein	A2/A2

DP - INT

8/12/2023

11/2023





Daughter of **OUTLOOK**

**RHANTANA
OUTLOOK-ET**

EBI/REL
225/58%

IRELAND VALUES

Milk Prod SI	152	Calving Interval (days)	-4.04
Fertility SI	64	Survival	1.04
Carbon SI	16	Cow Calving Difficulty	2.04
Calving SI	46	Heifer Calving Difficulty	4.62
Beef SI	-86	Somatic Cell Count	-0.01
Health SI	1	Milk kg	122
Maintenance SI	32	Fat kg/%	22/0.29
Management SI	0	Protein kg/%	20/0.27

NEW ZEALAND DETAILS

87 NZ Daughters

HoofPrint® **gBW/Rel 432/86%**

Breeding Details

Split	F11J5
Sire	HORIZON BOULEVARD-ET
MGS	CASTLEGRACE DAREDEVIL
MGGS	SCOTTS NORTHSEA

Nitrogen Efficiency
Methane Efficiency

Volume	715	Protein	52/4.3	Milkfat	39/4.8
Somatic Cell	0.44	Cow CD	3.3/68	Heifer CD	5.5/35
Gestation Length	-1.2	Body Cond	0.28	Func Surv	1.8
Fertility	4.2	Liveweight	64	Udd Over	0.13

NZ Evaluation Data

79 Daughters TOP Inspected

Management	gBV	-0.5	0	0.5	1.0
Adapts to Milking	0.54				
Shed Temperament	0.55				
Milking Speed	0.21				
Overall Opinion	0.60				
Conformation	gBV	-0.5	0	0.5	1.0
Stature	0.28				
Capacity	1.18				
Rump Angle	-0.04				
Rump Width	0.90				
Legs	0.04				
Udder Support	0.03				
Front Udder	0.16				
Rear Udder	0.48				
Front Teat Placement	-0.33				
Rear Teat Placement	-0.44				
Teat Length	-0.05				
Udder Overall	0.13				
Dairy Conformation	1.08				

LIC Initiatives

High Input	1370
VMSI	1327
A2 Protein	A2/A2

DP - INT

8/12/2023

11/2023



Dam of **PATRIARCH**

**JEX263 ARKANS
PATRIARCH-ET**

EBI/REL
201/65%

IRELAND VALUES

Milk Prod SI	95	Calving Interval (days)	-3.78
Fertility SI	77	Survival	2.40
Carbon SI	26	Cow Calving Difficulty	2.02
Calving SI	42	Heifer Calving Difficulty	4.19
Beef SI	-90	Somatic Cell Count	-0.05
Health SI	6	Milk kg	-78
Maintenance SI	39	Fat kg/%	18/0.38
Management SI	5	Protein kg/%	9/0.20

NEW ZEALAND DETAILS

4794 NZ Daughters

HoofPrint® **gBW/Rel 377/99%**

Breeding Details

Split	F10J6
Sire	KRAAKMANS JAYDIE
MGS	FAIRMONT MINT-EDITION
MGGS	TAWA GROVE MAUNGA ET SJ3

Nitrogen Efficiency
Methane Efficiency

Volume	-61	Protein	13/4.1	Milkfat	30/5.5
Somatic Cell	0.15	Cow CD	-1.0/95	Heifer CD	-0.4/97
Gestation Length	-4.2	Body Cond	0.12	Func Surv	2.6
Fertility	7.9	Liveweight	-24	Udd Over	0.93

NZ Evaluation Data

122 Daughters TOP Inspected

Management	gBV	-0.5	0	0.5	1.0
Adapts to Milking	0.21				
Shed Temperament	0.20				
Milking Speed	0.30				
Overall Opinion	0.38				
Conformation	gBV	-0.5	0	0.5	1.0
Stature	-0.43				
Capacity	0.24				
Rump Angle	-0.26				
Rump Width	0.11				
Legs	0.00				
Udder Support	0.75				
Front Udder	1.03				
Rear Udder	1.08				
Front Teat Placement	0.15				
Rear Teat Placement	0.51				
Teat Length	-0.66				
Udder Overall	0.93				
Dairy Conformation	0.37				

LIC Initiatives

High Input	1319
VMSI	1278
A2 Protein	A1/A2

DP - INT

8/12/2023

11/2023



Classic Bulls

Bull Code	IRE AB Code	Bull Name	EBI/Rel%	Milk Prod SI	Fertility SI	Carbon SI	Maintenance SI	Health SI	Milk kg	Fat kg	Fat %	Protein kg	Protein %	Dairy Heifer Catv Diff	Dairy Cow Catv Diff	High Input	A2/A2	gBW/Rel
Holstein Friesian																		
110006	BGJ	BAGWORTH PF GRANDEUR S1F	275/98	67	125	15	24	17	119	15	0.18	8	0.06	5.32	2.21	1284	A2/A2	287/99
108235	MWW	MORTENSENS WE AWE -ET S3F	275/96	58	123	19	33	18	208	8	0.00	10	0.05	6.29	2.39	1136	A1/A1	163/99
112005	GGP	GOINGS MECCA PRIDE S1F	251/96	82	98	14	29	4	227	9	0.00	14	0.11	4.72	2.09	1183	A1/A2	239/98
108214	BGU	BAGWORTH RM ARASMUS S2F	221/93	65	90	12	18	6	128	8	0.04	10	0.10	5.90	2.16	1136	A2/A2	164/90
110063	GFS	MAIRE PF GOLDEN BOY S2F	220/95	72	67	14	33	15	215	14	0.10	11	0.05	4.84	1.98	1219	A1/A2	270/99
113009	FR4543	HAZAE SH DISTINCT -ET S1F	206/89	84	65	5	17	16	19	11	0.18	11	0.17	4.73	2.02	1260	A1/A2	309/99
112063	FR4501	PADRUTTS GB TOPNOTCH S2F	198/89	79	69	9	22	3	206	8	0.01	14	0.11	6.77	2.57	1203	A1/A2	230/99
106219	WDS	WHINLEA DAN SUPERSONIC -ET	196/98	80	83	-2	9	12	395	13	-0.05	15	0.03	6.14	2.45	1154	A2/A2	154/99
111038	AKZ	ARKAN GH HORIZON S2F	191/96	89	50	4	13	8	-26	14	0.26	10	0.19	7.53	2.78	1218	A2/A2	215/98
110049	SFZ	SAVANNAHS HF HAMMER S1F	155/97	83	18	4	28	12	151	12	0.10	12	0.12	5.54	2.17	1255	A2/A2	291/99
Jersey																		
312059	JE2454	LYNBROOK GG QUICKSILVER	227/77	102	76	31	40	11	-433	19	0.68	4	0.35	3.47	1.74	1284	A2/A2	382/99
312014	YKF	CHARDONNAY FRANKIE	224/90	86	85	38	48	12	-340	12	0.47	5	0.31	4.13	1.79	1220	A2/A2	356/99
311019	JJS	SOUTH LAND JERICO ET S3J	223/94	75	86	34	52	10	-201	9	0.30	6	0.24	2.89	1.51	1135	A2/A2	237/99
313040	JE4526	FICHTL 5-STAR SULTAN S3J	130/89	87	22	27	39	-2	-287	13	0.45	6	0.28	4.41	2.09	1185	A2/A2	247/99
KiwiCross®																		
508140	HOW	HOWIES EASYRIDER	241/96	84	75	30	46	17	-248	16	0.47	5	0.24	3.46	1.65	1251	A1/A2	336/99
512005	FR2440	JUST ONCE COOPER	220/91	95	48	24	45	-10	-164	18	0.43	8	0.23	4.11	1.97	1255	A2/A2	299/99
513016	FR4529	HORIZON BLAZER ET	207/88	82	65	18	30	4	-44	13	0.25	9	0.18	4.85	2.32	1244	A1/A2	307/99
511041	APW	IL VERO AMORE POWER	201/96	100	66	12	29	-13	94	13	0.16	14	0.18	4.43	1.93	1206	A1/A2	239/99
511007	OKA	CASTLEGRACE MAKO	189/97	84	35	21	33	11	-270	10	0.38	7	0.29	4.78	1.96	1193	A2/A2	245/99
511052	YMD	MOODYS EXECUTIVE	182/97	87	35	17	40	8	101	11	0.13	12	0.15	4.57	2.05	1184	A2/A2	266/99
511026	JE4270	ARKANS BEAUT ET	181/96	89	49	18	32	-6	-2	11	0.20	11	0.19	4.64	2.16	1255	A1/A2	335/99
514001	FR2467	OKURA ZIPPA	152/82	107	27	18	48	6	87	18	0.25	13	0.18	5.14	2.28	1257	A2/A2	318/90

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icbf 11/2023



8/12/2023



Dam of MAX

FR6892 LIC MOOREHILL EBI/REL
MAX **248/64%**



Half Sister of HUSTLER

FRX257 LIC EBI/REL
HUSTLER **319/59%**

IRELAND VALUES

Milk Prod SI	90	Calving Interval (days)	-5.91
Fertility SI	114	Survival	3.22
Carbon SI	16	Cow Calving Difficulty	2.00
Calving SI	40	Heifer Calving Difficulty	4.33
Beef SI	-43	Somatic Cell Count	-0.11
Health SI	4	Milk kg	-23
Maintenance SI	24	Fat kg/%	17/0.31
Management SI	3	Protein kg/%	9/0.17

IRELAND VALUES

Milk Prod SI	116	Calving Interval (days)	-7.11
Fertility SI	134	Survival	3.55
Carbon SI	24	Cow Calving Difficulty	1.52
Calving SI	62	Heifer Calving Difficulty	4.31
Beef SI	-49	Somatic Cell Count	0.03
Health SI	6	Milk kg	-100
Maintenance SI	28	Fat kg/%	21/0.45
Management SI	-2	Protein kg/%	11/0.25

NEW ZEALAND DETAILS

0 NZ Daughters

HoofPrint® gBW/Rel **451/51%**

Breeding Details

Split	F12J4
Sire	CARSONS FM CAIRO S3F
MGS	ST PETERS OBSIDIAN
MGGS	SHALENDY ABRAXAS

Nitrogen Efficiency
Methane Efficiency

Volume	716	Protein	34/3.9	Milkfat	46/5.0
Somatic Cell	-0.05	Cow CD	-0.4/31	Heifer CD	-0.2/31
Gestation Length	-4.9	Body Cond	0.33	Func Surv	5.0
Fertility	7.5	Liveweight	51	Udd Over	0.69

NZ Evaluation Data

0 Daughters TOP Inspected

Management	gBV -0.5	0	0.5	1.0
Adapts to Milking	0.33			
Shed Temperament	0.35			
Milking Speed	-0.16			
Overall Opinion	0.38			

NEW ZEALAND DETAILS

0 NZ Daughters

HoofPrint® gBW/Rel **465/52%**

Breeding Details

Split	F12J4
Sire	MITCHELLS KE HUSTLER S2F
MGS	PRIESTS SIERRA
MGGS	PUKEROA TGM MANZELLO

Nitrogen Efficiency
Methane Efficiency

Volume	232	Protein	28/4.2	Milkfat	44/5.4
Somatic Cell	0.07	Cow CD	0.0/30	Heifer CD	1.6/30
Gestation Length	-3.8	Body Cond	0.06	Func Surv	3.9
Fertility	6.3	Liveweight	-2	Udd Over	0.49

NZ Evaluation Data

0 Daughters TOP Inspected

Management	gBV -0.5	0	0.5	1.0
Adapts to Milking	0.18			
Shed Temperament	0.17			
Milking Speed	0.13			
Overall Opinion	0.30			

2023 INTAKE

Name	National ID	IRE AI code	EBI/Rel%	Milk SI	Fertility SI	Carbon SI	Calving SI	Milk kg	Fat kg/%	Protein kg/%	Dairy Heifer Calv Diff	Dairy Cow Calv Diff
BOPURU KIN	372219169931485	TBC	286/57	84	49	27	27	-233	19/0.51	4/0.22	5.14	2.26
LIC SANDYMOUNT TK TORIVE	372225079141892	TBC	264/58	109	140	19	12	-116	17/0.38	11/0.26	8.70	3.24
LAURAGH LEO *	372226695597307	TBC	358/54	126	135	28	57	9	25/0.42	13/0.22	4.05	1.92
NEXTGEN GDB FUZZ	372226044643219	TBC	302/59	104	104	38	45	-465	16/0.64	5/0.39	2.67	1.58
BRIDEPARK TK LENNON	372216818241472	TBC	299/58	90	150	13	41	31	20/0.32	9/0.14	5.08	2.20
LIC COTURNIX ANDY *	372226072483729	TBC	324/50	100	142	31	56	-154	14/0.35	10/0.27	4.02	1.95
LIC RATHDUANE TK CHAP	372215504761947	TBC	320/56	98	150	20	41	-70	20/0.40	8/0.19	5.51	2.20

* Sexed semen is offered for Single AI use only. See page 3 for more information.



Half Sister of DOWLIN

JEX125 LIC MUINEMOR EBI/REL
DOWLIN **256/60%**



Half Sister of TROJAN

JEX122 LIC TINNASHRULE EBI/REL
TROJAN **240/56%**

IRELAND VALUES

Milk Prod SI	128	Calving Interval (days)	-4.45
Fertility SI	90	Survival	2.76
Carbon SI	11	Cow Calving Difficulty	1.90
Calving SI	46	Heifer Calving Difficulty	4.24
Beef SI	-41	Somatic Cell Count	-0.07
Health SI	-9	Milk kg	-21
Maintenance SI	23	Fat kg/%	26/0.47
Management SI	8	Protein kg/%	12/0.23

IRELAND VALUES

Milk Prod SI	83	Calving Interval (days)	-4.18
Fertility SI	90	Survival	2.99
Carbon SI	24	Cow Calving Difficulty	2.53
Calving SI	34	Heifer Calving Difficulty	5.47
Beef SI	-44	Somatic Cell Count	-0.12
Health SI	6	Milk kg	-220
Maintenance SI	39	Fat kg/%	17/0.47
Management SI	7	Protein kg/%	5/0.22

NEW ZEALAND DETAILS

0 NZ Daughters

HoofPrint®

gBW/Rel **399/53%**

Breeding Details

Split	J11F5
Sire	ULMARRA TT GALLIVANT
MGS	PRIESTS SIERRA
MGGS	PRIESTS SOLARIS-ET

Volume	207	Protein	26/4.2	Milkfat	46/5.5
Somatic Cell	-0.07	Cow CD	-0.4/32	Heifer CD	-0.4/32
Gestation Length	-2.6	Body Cond	0.27	Func Surv	3.6
Fertility	3.6	Liveweight	57	Udd Over	0.73

NZ Evaluation Data

0 Daughters TOP Inspected

Management	gBV	-0.5	0	0.5	1.0
Adapts to Milking	0.79	[Progress bar]			
Shed Temperament	0.83	[Progress bar]			
Milking Speed	0.00	[Progress bar]			
Overall Opinion	0.74	[Progress bar]			

NEW ZEALAND DETAILS

0 NZ Daughters

HoofPrint®

gBW/Rel **397/52%**

Breeding Details

Split	J12F4
Sire	ULMARRA TT GALLIVANT
MGS	ARKANS GURKHA J9F7
MGGS	WAIWIRA PRINCE-HAL-ET

Volume	261	Protein	23/4.1	Milkfat	45/5.4
Somatic Cell	-0.11	Cow CD	-0.7/31	Heifer CD	-1.4/31
Gestation Length	-0.8	Body Cond	0.07	Func Surv	3.1
Fertility	5.0	Liveweight	16	Udd Over	0.47

NZ Evaluation Data

0 Daughters TOP Inspected

Management	gBV	-0.5	0	0.5	1.0
Adapts to Milking	0.53	[Progress bar]			
Shed Temperament	0.53	[Progress bar]			
Milking Speed	0.31	[Progress bar]			
Overall Opinion	0.62	[Progress bar]			

gBW/Rel%	Fertility BV	Milk Volume BV (l)	Fat BV (kg/%)	Protein (kg/%)	SCCBV	Heifer Calving Diff BV	Cow Calving Diff BV	Functional Survival	Liveweight BV	Sire Name	A2 Status
265/51	-0.5	33	41/5.6	15/4.1	0.46	1.3/16	0.4/25	2.1	70	TANGLEWOOD MT KAURI S2F	A1/A1
227/51	0.5	140	25/5.1	20/4.1	-0.15	1.4/16	0.7/25	1.9	53	TANGLEWOOD MT KAURI S2F	A2/A2
427/49	-3.3	426	49/5.3	29/4.0	-0.16	0.8/31	0.2/31	-0.2	6	DIGGS HARDCOPY	A2/A2
394/53	-2.1	-503	28/6.0	10/4.5	-0.04	-2.0/32	-1.1/32	3.2	-25	GLANTON DESI BANFF	A2/A2
267/50	-0.8	539	41/5.0	22/3.8	-0.09	1.2/16	0.3/25	1.2	59	TANGLEWOOD MT KAURI S2F	A1/A1
334/43	-2.9	214	21/5.0	26/4.2	-0.16	0.6/25	0.3/24	1.8	22	DIGGS HARDCOPY	A1/A2
218/45	0.9	440	31/4.9	20/3.8	0.11	1.6/10	0.7/18	1.0	52	TANGLEWOOD MT KAURI S2F	A1/A2

Beef Genetics

By providing you with elite beef sires, our aim is to help you create dairy beef calves that are born easily, grow well and are in demand in the marketplace. At LIC, we are committed to maximising the value derived from non-replacement calves. Whether it's calving ease, more days in milk or producing more saleable beef x dairy calves - our aim is to provide you with dependable genetic options that deliver tangible financial benefits.

Dairy Progeny Tested

The Beef + Lamb NZ Genetics Beef Progeny Test compares the progeny of beef bulls under New Zealand commercial farming conditions. Over 170 highly sought after beef sires from 15 breeds have been mated to crossbred dairy cows at Pāmu's renowned farm at Wairakei Pastoral. Their calves have been reared under commercial conditions with growth, carcass and meat quality traits evaluated.

How do we select these elite beef sires?

We select our beef sires from a range of beef breeds to provide you with management and market options. Whether it be colour marking, calving ease, growth rate, polled, or numerous other criteria, we have worked hard to find elite bulls that will meet your selection criteria and produce profitable offspring.



LIC's genetic selection team select bulls based on their genetic merit for traits such as calving ease, cow days in milk, growth rates, carcass and meat quality.

The end result of this meticulous selection process, is a team of bulls that rank amongst the best globally in meeting these goals.

To make these selections, we use many data sources. These include BREEDPLAN Estimated Breeding Values (EBVs), Leachman multi-breed data, and the Beef + Lamb NZ Dairy Beef Progeny test. We also seek out the advice of our network of bull breeders to recommend potential sires to us. Many of these breeders have been in business for decades and their guidance and intimate breed knowledge is both valued and trusted.

To make sure our selections continue to be fit for purpose, we continue to monitor sire performance. Calvings recorded in MINDA® herd records provide us with an even more accurate picture of the sire's calving ease and gestation length over dairy cows.



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.

Code	Name	Calving Ease DIR	Birth Weight	Gestation Length	Yearling Weight	Carcass Weight
721280	RISSINGTON R279	+11.9	-1.1	-8.4	+67	+48
		Top 1%	Top 1%	Top 7%	Top 96%	Top 92%
721281	RISSINGTON R73	+8.6	+3.2	-8.1	+99	+75
		Top 7%	Top 31%	Top 9%	Top 25%	Top 23%

Mid November 2023 TransTasman Angus Cattle Evaluation



Short Gestation Length (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.

Code	Name	Calving Ease DIR	Birth Weight	Gestation Length	Yearling Weight	Carcass Weight
HE7317	SHRIMPTONS HILL 180034	+11.1	+2.0	-10.6	+41	+40
		Top 5%	Top 20%	Top 1%	Top 90%	Top 90%
HE9430	SHRIMPTONS HILL 190085 (EZI)	+13.7	-2.1	-9.8	+51	+53
		Top 1%	Top 1%	Top 1%	Top 70%	Top 50%

November 2023 Hereford BREEDPLAN



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.

Code	Name	Calving Ease DIR	Birth Weight	Gestation Length	Yearling Weight	Carcass Weight
CH9454	KAKAHU 200801	+11.5	-2.9	-5.3	+35	+29
		Top 1%	Top 1%	Top 10%	Top 15%	Top 15%
CH9457	KAKAHU 200802	+8.8	-3.4	-5.4	+32	+27
		Top 10%	Top 1%	Top 10%	Top 25%	Top 20%

October 2023 Charolais BREEDPLAN



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.

Code	Name	Dairy Beef Index (€)	Dairy Cow Calving Difficulty (%)	Dairy Heifer Calving Difficulty (%)	Gestation Length (days)	Carcass Weight (kg)
SP6394	KILBARRY FREDDY FLINT	109	54	2.3	-2	-5.4

Source: ICBF September 2023



Belgian Blue

Belgian Blues over any other dairy breed, can enhance the carcass quality of your calf, and will also colour mark progeny.

Code	Name	Dairy Beef Index (€)	Dairy Cow Calving Difficulty (%)	Dairy Heifer Calving Difficulty (%)	Gestation Length (days)	Carcass Weight (kg)
BB8484	KNOCKAGH JUBILANT	166	184	5.7	-0.9	36.3
BB9064	OLD STACKYARD BLUES POLO	92	136	6.4	-0.2	21.0

Source: ICBF November 2023





Breeding for lower methane

During a recent trip to Ireland, LIC senior scientist Lorna McNaughton took time to share with LIC customers, the latest updates on the methane trial work being done in New Zealand. Her visit also included valuable discussions at Moorepark, to exchange ideas with Teagasc regarding current work in this space.

Greenhouse gas emissions are a big issue for small, agriculture focused nations like Ireland and New Zealand. We know we can breed for a variety of traits, but is genetics a tool that can help farmers reduce methane emissions? The answer appears to be, yes.

Every year since 2021, the future artificial breeding sires at LIC and CRV have spent 40 days inside a barn being measured. This work is funded by the New Zealand Agricultural Greenhouse Gas Research Centre (NZAGRC).

The research facilities at Tully Co. Kildare ICBF's bull progeny performance test station, formed the basis of the New Zealand trial design, having been judged as a superior method compared to those being used elsewhere. Measuring the bulls themselves is an option for a trait like methane, an approach not available for traits like milk production.

Methane is a challenging trait to measure, requiring expensive specialist equipment, but there's an added complication. Given the animals are consuming the same type of feed, one of the biggest sources of variation in methane production is the amount of feed consumed. Ideally, feed intake should be measured alongside methane - a challenge in grazing animals. This is why we measure methane in a barn, so individual animal feed intakes can also be measured. We need to ensure that when we select for reduced methane we are not simply selecting for reduced intake. Every mouthful of feed is measured. Methane emissions are measured when the bulls visit a GreenFeed machine, up to six times per day. Methane emissions vary over the day, depending on when feed is consumed, making it important to ensure that visits to the GreenFeed are spread over the day.



Genetics is a numbers game - the more data we have the better. Each year we have to measure an additional 250 - 300 animals. With over 500 animals measured so far, we have found there is genetic variation (heritability) in methane emissions. The trait we are looking at is methane emissions, but adjusted for a constant level of feed intake. Essentially, this means we want to select the animals that have the lowest emissions for each unit of feed eaten. The current estimated heritability is 0.1. This is similar to the results from Tully, with ICBF reporting that 11% of the difference in methane emissions was due to genetic differences (www.icbf.com/methane/).



We know that there is genetic variation in methane in our growing young bulls, but does this translate into daughters who produce less methane?

Phase 2 is the 'Daughter Validation Trial'. The top 25 and bottom 25 bulls with semen available were selected based on their methane production. A single 2000 cow herd was used for inseminations in October 2022. 490 heifer calves were born between July and September 2023. We are waiting for DNA results to confirm they all have trial sires. A science programme is planned from birth to the end of first lactation.

1. July 2023 onwards: Monitor growth and development.
2. Mid-2024: Measure methane and feed intake in a barn.
3. July 2025: First lactation - milk production, reproduction, and methane.

As we look ahead to the future, both we and many others within New Zealand and around the world, are exploring ways to measure methane from an increased number of animals whilst seeking more cost-effective measurement methods to do this.



Our goal would be to witness hundreds or even thousands of data points flowing in annually, potentially facilitated via a methane sniffer installed in the milking parlour. The use of methane sniffers in milking robots is already well-established and being utilised in countries such as the Netherlands and Denmark.



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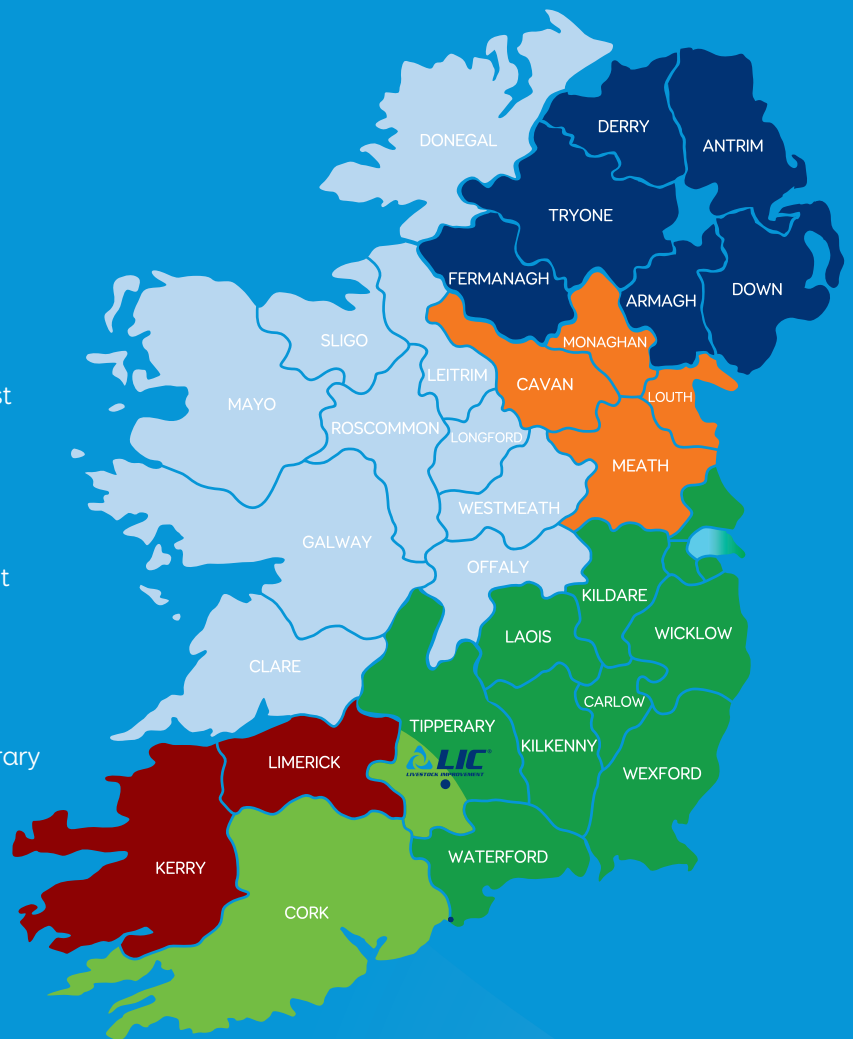
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