Holstein Friesian
Sire Catalogue
2026

There's always room for improvement

LIC®
LIVESTOCK IMPROVEMENT

Breeding for Tomorrow: Faster, Smarter, Sustainable

Thank you for reading our 2026 directory!

The past nine months since joining LIC has flown by, as I've met with customers and collaborated with the team to explore how we can become even more relevant to farmers maximising and optimising their milk from grass. It's great to see how our genetics are making a difference on farm. Time and again, herd data shows a clear advantage for LIC pasture-based dairy genetics in efficiency metrics of kg milk solids per kg liveweight and per hectare.

I grew up on a tenanted farm in the Midlands of UK, milking Friesians in a pasture system where clay soil stuck to your boots and was impossible to remove without a power washer. My previous company represented LIC for a number of years in the 1990s and my role at that time involved selecting LIC bulls such as Judds Admiral (in the background of current bulls such as Paynes Stamina) and Dawson's Belvedere (ancestor of Scotts BV Darius) for the UK market.

Over the past 15 years, I've spent the majority of my time travelling to farms, meeting customers and distributors of genetics in over 35 countries across Europe, Africa and Asia. Throughout this time, I was consistently drawn to the cow that produces more from less - typically a smaller animal utilising cheaper and usually more abundant resources to produce nutrient rich food.

I've always admired the pioneers - some of them family and friends - who chose the milk-from-grass path to weather the turbulence of milk prices from the 1990s onwards.

This approach allowed them to minimise losses during tough times while retaining the flexibility to feed concentrate when the milk-to-feed price ratio was stronger. Today, as consumer focus shifts to carbon footprint, the advantage of grazed grass is becoming even more apparent thanks to the work from Moorepark and others.

From a genetic planning perspective, the fundamentals remain the same:

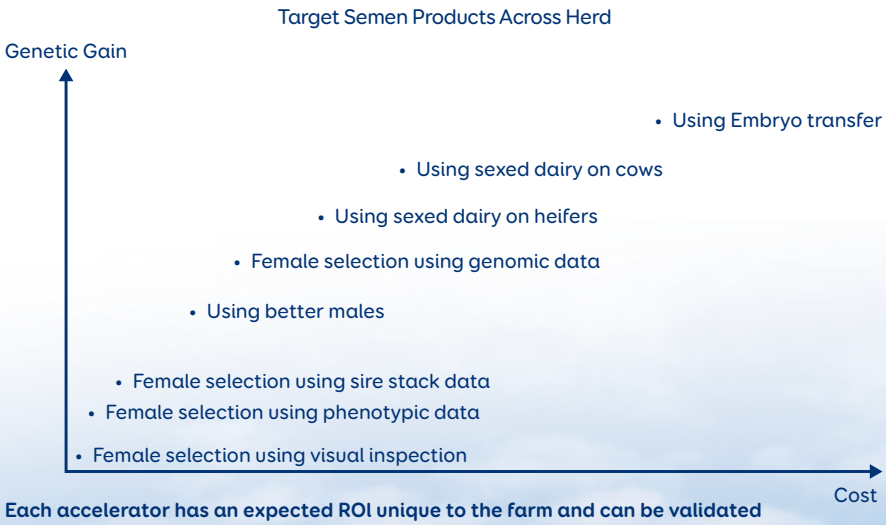
1. What do you want to change about your cows?
2. How much do you want to change it?
3. How fast do you want to make that change?

The speed of change you aim for involves a trade-off, both with fertility (an opportunity cost) and the cash cost unique to your situation.

That's why it is crucial that all the information and tools are available to determine the right approach for your herd. We hope this provides the right balance of information and clarity. If not, please let us know so we can work on improving this. The diagram below illustrates some of the ways to go faster while highlighting the cost.

We too are exploring options in the genomic female selection space. We have observed this as a tool that can help rapidly accelerate genetic progress while breeding from the top 40% of the herd (median cow is No. 20 out of every 100 ranked, as opposed to No. 50 without any female ranking).

Moving to male selection, if you look back at the 2022 directory and compare the six highest genomic bulls with the six highest daughter proven bulls, the results are striking.



Each accelerator has an expected ROI unique to the farm and can be validated

James Simpson
General Manager, LIC Europe

Today, the average proof of the top six daughter-proven bulls is $216 BW, while the top six genomic bulls average $245 BW, showing how genomics accelerates genetic improvement.

It's important to spread risk and balance this against practical constraints. My favourite definition of a team is a group of people with complementary strengths and trust, working together towards a common goal – a principle I aspire to in all aspects of business, sport, and life. In genetics and specifically sire selection, this concept also applies: there is a formula for team reliability.

Group reliability = 100% - (100% - average group reliability) ÷ number of bulls selected

This means 4 x 60% reliability bulls = 1 x 90% reliability bull.This is something worth optimising for your situation.

The cow herself can show us which animal best suits the system. Every farm is unique, and when heifers walk into the parlour, it's an excellent opportunity to see if we are on track, before validating the genetic plan with performance data and seeing who thrives and who merely survives.

What does this mean for you as a customer or potential customer of LIC?

It reflects our unwavering commitment to accelerating genetic improvement in your herd, tailored to your needs. For those focused on maximising milk solids per hectare within low-cost, pasture-based systems, this means enhancing productivity without compromising fertility. For operations optimising concentrate feeding and managing slightly higher fixed costs, it translates into driving greater volume per cow.

Good luck and health to you and your family in 2026!

Contents

Holstein Friesian

Further Information

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.

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 2015 Genetic Base Cow - the average of approximately 100,000 cows born in the year 2015 - whose trait breeding values form the zero reference baseline against which other animals are compared.

Base Cow Phenotypes

Production is reported on 270-day lactation yields relative to 5T Dry Matter, and includes information from first, second and later lactations. Liveweight is the expected mature liveweight, (five to eight years).

Fat kg	238	Volume (litres)	5109
Protein kg	203	Liveweight (kg)	510

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 2015 base cow are as follows:

FARMER SCORED MANAGEMENT TRAITS Sire Proving farmers score two-year-old heifers on the four farmer traits	Low Score	High Score	Base Cow Average
Adaptability to Milking - describes how soon the heifer settled into the milking routine after calving	slowly	quickly	6.20
Shed Temperament - describes the temperament of the heifer in the farm dairy while being handled and milked	nervous	placid	6.30
Milking Speed - describes the milking speed of the heifer	slow	fast	6.10
Overall Opinion - describes the farmer's overall acceptance of the heifer as a herd member	undesirable	desirable	6.40
INSPECTOR SCORED CONFORMATION TRAITS			
Stature - describes the height at the shoulders of the heifer in five centimetre bands	small	tall	5.80
Capacity - describes depth and width of chest and body in relation to the physical size of the heifer	frail	capacious	6.20
Rump Angle - describes the angle of a line between the centre of the hips and the top of the pins	high pins	sloping	4.50
Rump Width - describes the distance between the pins bones, relative to size of the animal	narrow	wide	5.80
Legs - describes the straightness or curvature of the back legs while the heifer is walking	straight	curved	6.20
Udder Support - describes the strength of the suspensory ligament, and the udder depth relative to the hocks	weak	strong	5.90
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	5.80
Front Teat Placement - describes the placement of the front teats relative to the centre of the quarters	wide	close	4.50
Rear Teat Placement - describes the placement of the rear teats relative to the centre of the quarters	wide	close	6.10
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	5.70
Dairy Conformation - assesses the desirability of all traits pertaining to dairy conformation, but excluding udder traits	undesirable	desirable	6.30
Body Condition Score - this trait is a visual estimate of an animal's body fat reserves	skinny	obese	4.30

*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

How to Read a Sire Page

gBW/Rel

Using this bull at a gBW of 327 indicates that per 5T DM eaten, the offspring are expected to generate NZD 327 more net profit annually 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 -95 litres indicates that his daughters will on average produce -47.5 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 5.9% indicates that 2.95% more daughters are expected to calve in the first 42 days of a herds 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.

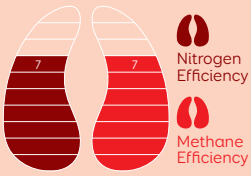
Daughter of GALANT

FR9817 BELLAMYS DM GALANT-ET S1F EBI/REL **161/74%**

IRELAND VALUES			
Milk Prod SI	81	Calving Interval (days)	-1.39
Fertility SI	50	Survival	2.64
Carbon SI	16	Cow Calving Difficulty	2.96
Calving SI	15	Heifer Calving Difficulty	5.96
Beef SI	-80	Somatic Cell Count	-0.07
Health SI	21	Milk kg	-140
Maintenance SI	56	Fat kg/%	14/0.34
Management SI	2	Protein kg/%	5/0.18

NEW ZEALAND DETAILS **8807 NZ Daughters**

HoofPrint®



gBW/Rel **327/99%**

Breeding Details	
Split	F16
Sire	DICKSONS BG MANDATE S1F
MGS	SAN RAY FM BEAMER-ET S2F
MGGS	FAIRMONT MINT-EDITION

Volume	-95	Protein	15/4.3	Milkfat	37/5.5
Somatic Cell	-0.45	Cow CD	0.3/100	Heifer CD	8.8/91
Gestation Length	0.6	Body Cond	0.11	Func Surv	4.6
Fertility	5.9	Liveweight	54	Udd Over	0.23

NZ Evaluation Data 168 Daughters TOP Inspected

Management	gBV	-0.5	0	0.5	1.0
Adapts to Milking	-0.02				
Shed Temperament	-0.03				
Milking Speed	0.08				
Overall Opinion	0.13				
Conformation	**gBV**	**-0.5**	**0**	**0.5**	**1.0**
Stature	0.63				
Capacity	0.63				
Rump Angle	0.22				
Rump Width	1.00				
Legs	0.10				
Udder Support	0.23				
Front Udder	0.32				
Rear Udder	0.27				
Front Teat Placement	-0.08				
Rear Teat Placement	0.06				
Teat Length	-0.21				
Udder Overall	0.23				
Dairy Conformation	0.71				

LIC Initiatives		DP - INT
High Input	1357	
VMSI	1333	23/01/2026
A2 Protein	A2/A2	23/09/2025

Protein and Milkfat

A bull gBV of 15 kg indicates that the bull will produce daughters which on average, are genetically superior by 7.5 kg per 5T dry matter consumed, compared to a bull of gBV 0 kg.

Liveweight

A gBV of 54 kg indicates the sire's daughters are expected to have a mature liveweight 27 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 8.8 can expect to have 4.4% 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 4.6 should have 2.3% 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 -0.03 the raw score for his daughters on average is expected to be 6.30 - 0.015 = 6.285 from a linear score of 9).

gBW/gBV are calculated by LIC.

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 $NZ.

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.

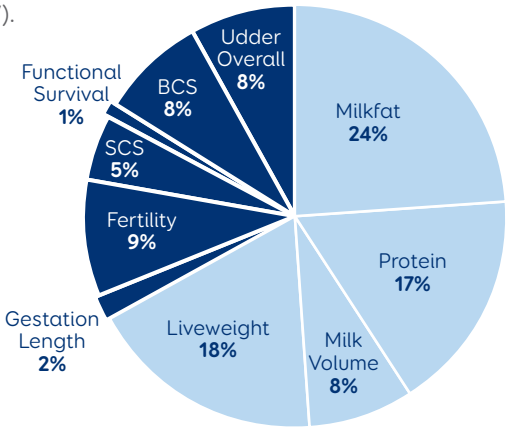
The resulting profit index is reported in relation to the animal, with **half** its value passed on to offspring. *For example; on average, the offspring of a bull with a BW $200 and a cow of BW $100 are expected to make $150 more profit per annum than offspring of the Base Cow would.*

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:

Effective emphasis on individual traits within BW (Feb 2026)



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.

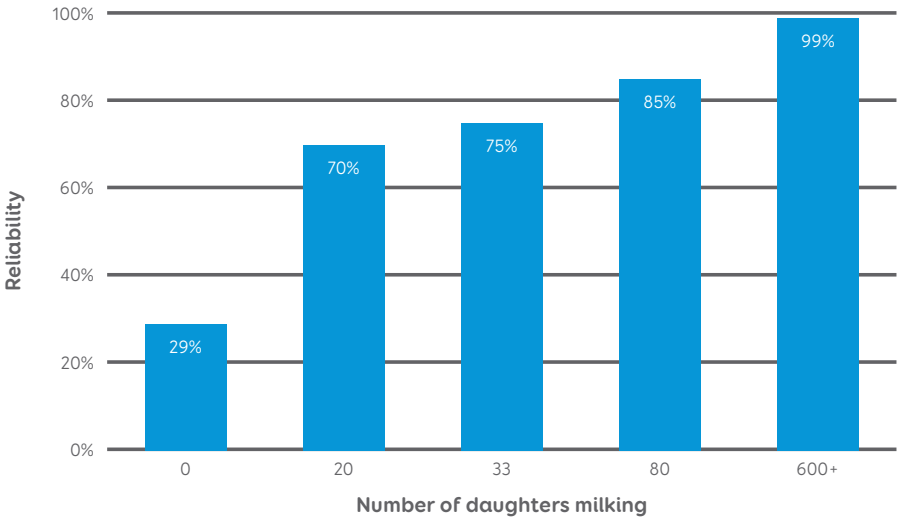
Gestation Length, Fertility, Somatic Cell Score (SCS), Functional Survival (FS), Body Condition Score (BCS) and Udder Overall (UO) are referred to as **Robustness** traits. These traits have moderate to low heritability, except for Gestation Length which is highly heritable and are important for cow 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 60% 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

Dairy NZ 2024, https://www.dairynz.co.nz/animal/breeding-decisions/breeding-worth/

Top 5 Performers

Breeding Worth

NZ Herd Average
NZ$47

Bull Code	Name	gBW/Rel%	Page
120003	SCOTTS BV **DARIUS**-ET *	411/91	12
122070	COSTARS MB **QUICKFIRE**-ET S2F *	379/88	28
120021	MCKAY BM **BAKERBOY**-ET S2F *	337/98	11
119002	BELLAMYS DM **GALANT**-ET S1F *	327/99	10
122071	COSTARS MB **QUARTERBACK**-ET S2F *	298/89	29

EBI

IRE Herd Average
€202

Bull Code	Name	EBI (€)/Rel	Page
FR9241	BOPURU **PAL** *	242/66	18
FR2580	BOPURU **CUZ**	233/57	8
FR2508	MEANDER SPYRO **ACCORD**-ET S1F *	227/50	14
FR8244	BOPURU **BRO** *	223/78	30
FR2583	CASHAN MEDLY **MARK**	211/55	8

Protein

NZ Herd Average
10kg/3.9%

Bull Code	Name	Protein (kg/%)	Page
122070	COSTARS MB **QUICKFIRE**-ET S2F *	48/4.0	28
120021	MCKAY BM **BAKERBOY**-ET S2F *	36/4.0	11
120003	SCOTTS BV **DARIUS**-ET *	35/3.9	12
122030	GARDNER GUSTO **GOLDMINE** S2F *	35/4.0	26
122071	COSTARS MB **QUARTERBACK**-ET S2F *	29/4.2	29

Fat

NZ Herd Average
9kg/4.5%

Bull Code	Name	Fat (kg/%)	Page
120003	SCOTTS BV **DARIUS**-ET *	59/4.9	12
120021	MCKAY BM **BAKERBOY**-ET S2F *	47/4.8	11
122070	COSTARS MB **QUICKFIRE**-ET S2F *	47/4.6	28
123100	TRONNOCO SG **SEVERYN**-ET *	44/5.2	15
119014	BUELIN BM **EQUATOR** S2F *	43/5.0	13

Fertility

NZ Herd Average
0.1%

Bull Code	Name	Fertility (%)	Page
116036	ARKAN MGH **BACKDROP**-ET S2F	9.3	8
FR8244	BOPURU **BRO** *	8.1	30
119014	BUELIN BM **EQUATOR** S2F *	6.1	13
119002	BELLAMYS DM **GALANT**-ET S1F *	5.9	10
124065	BALDRICKS MA **EL-DORADO** S2F *	5.6	22

Milk Volume

NZ Herd Average
352 litres

Bull Code	Name	Volume (l)	Page
122070	COSTARS MB **QUICKFIRE**-ET S2F *	1129	28
120003	SCOTTS BV **DARIUS**-ET *	984	12
119079	BUSY BROOK **DEALER**-ET S2F *	814	27
120021	MCKAY BM **BAKERBOY**-ET S2F *	812	11
122030	GARDNER GUSTO **GOLDMINE** S2F *	765	26

SCC

NZ Herd Average
0.00

Bull Code	Name	SCC	Page
123022	WAIARI SPYRO **PARAMOUNT** S1F *	-0.55	20
FR8244	BOPURU **BRO** *	-0.48	30
119002	BELLAMYS DM **GALANT**-ET S1F *	-0.45	10
123079	MEANDER SPYRO **ACCORD**-ET S1F *	-0.45	14
123087	BUSYBROOK S **SMOKIN GUN**-ET S1F	-0.40	23

Capacity

NZ Herd Average
0.04

Bull Code	Name	Capacity	Page
123100	TRONNOCO SG **SEVERYN**-ET *	0.91	15
122070	COSTARS MB **QUICKFIRE**-ET S2F *	0.73	28
123014	MANATU MANU **MITIGATE** S1F *	0.66	17
119002	BELLAMYS DM **GALANT**-ET S1F *	0.63	10
123103	WAIMERO SAQUOON **LISBON** S2F *	0.57	19

Udder Overall

NZ Herd Average
0.21

Bull Code	Name	Udder Overall	Page
123087	BUSYBROOK S **SMOKIN GUN**-ET S1F *	0.88	23
123014	MANATU MANU **MITIGATE** S1F *	0.79	17
123103	WAIMERO SAQUOON **LISBON** S2F *	0.74	19
123037	MATTAJUDE SPYRO **THORN**-ET S1F *	0.73	16
122071	COSTARS MB **QUARTERBACK**-ET S2F *	0.69	29

Heifer Calving Difficulty

Bull Code	Name	HCD/Rel%	Page
FR8244	BOPURU **BRO** *	1.3/30	30
122013	DICKSONS AR **MONOPOLL**-ET-P S2F *	2.5/95	25
122070	COSTARS MB **QUICKFIRE**-ET S2F *	2.9/33	28
122071	COSTARS MB **QUARTERBACK**-ET S2F *	2.9/32	29
119014	BUELIN BM **EQUATOR** S2F *	4.8/88	13

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

icbf 23/09/2025 LIC 23/01/2026

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																	
120003	FR1359	SCOTTS BV **DARIUS**-ET *	411/91	1.7	984	59	35	4.9	3.9	-0.26	1.4	4.9/84	-0.4/100	96	0.19	0.51	0.34
122070	FR2900	COSTARS MB **QUICKFIRE**-ET S2F *	379/88	2.4	1129	47	48	4.6	4.0	0.49	2.1	2.9/33	1.2/78	71	-0.08	0.73	0.60
120021	FR1356	MCKAY BM **BAKERBOY**-ET S2F *	337/98	1.4	812	47	36	4.8	4.0	0.50	0.2	5.1/82	1.1/99	69	-0.03	0.52	0.51
119002	FR9817	BELLAMYS DM **GALANT**-ET S1F *	327/99	5.9	-95	37	15	5.5	4.3	-0.45	4.6	8.8/91	0.3/100	54	0.11	0.63	0.23
122071	FR2908	COSTARS MB **QUARTERBACK**-ET S2F *	298/89	2.4	434	39	29	5.0	4.2	0.22	0.6	2.9/32	0.8/79	56	-0.12	0.48	0.69
123022	FR2514	WAIARI SPYRO **PARAMOUNT** S1F *	293/58	5.0	-343	25	8	5.5	4.4	-0.55	3.8	6.9/24	0.3/98	43	0.23	-0.01	0.59
123100	FR2512	TRONNOCO SG **SEVERYN**-ET *	288/57	-2.0	298	44	18	5.2	4.1	-0.03	0.5	10.0/57	2.5/96	61	0.14	0.91	0.64
122030	FR2507	GARDNER GUSTO **GOLDMINE** S2F *	286/86	0.7	765	39	35	4.7	4.0	0.69	0.8	11.4/30	5.8/78	72	0.26	0.25	0.22
123103	FR2505	WAIMERO SAQUOON **LISBON** S2F *	281/59	-0.5	529	42	29	5.0	4.1	0.12	2.2	4.8/65	3.4/95	90	0.17	0.57	0.74
123014	FR2504	MANATU MANU **MITIGATE** S1F *	274/56	2.3	44	33	20	5.3	4.3	-0.20	4.5	5.5/18	2.4/79	71	0.16	0.66	0.79
119014	FR7155	BUELIN BM **EQUATOR** S2F *	267/99	6.1	511	43	12	5.0	3.8	0.09	1.7	4.8/88	1.5/100	50	0.02	0.14	0.11
123087	FR2510	BUSYBROOK S **SMOKIN GUN**-ET S1F *	264/60	-1.0	-3	31	19	5.3	4.3	-0.40	2.0	7.7/38	3.2/97	49	-0.01	-0.28	0.88
123079	FR2508	MEANDER SPYRO **ACCORD**-ET S1F *	238/59	3.7	-337	27	6	5.5	4.4	-0.45	4.4	9.3/26	1.1/96	38	0.04	-0.07	0.53
124065	FR2833	BALDRICKS MA **EL-DORADO** S2F *	236/58	5.6	141	42	16	5.3	4.2	0.40	3.0	7.3/21	0.8/78	95	0.09	0.52	0.35
119079	FR9814	BUSY BROOK **DEALER**-ET S2F *	229/93	-1.8	814	27	26	4.5	3.9	0.16	1.0	6.0/34	0.8/100	19	-0.08	0.14	0.47
123037	FR2513	MATTAJUDE SPYRO **THORN**-ET S1F *	219/57	0.9	-496	33	1	5.9	4.4	0.05	3.4	9.7/27	2.8/97	47	0.14	0.07	0.73
122073	FR1166	SHARPE ARENA **SHORTLIST**-ET S2F *	178/88	-5.6	567	29	26	4.7	4.0	0.22	0.8	9.0/43	0.6/95	54	-0.02	0.47	0.29
122013	FR1554	DICKSONS AR **MONOPOLL**-ET-P S2F *	174/92	2.8	-34	15	12	5.0	4.2	0.50	1.6	2.5/95	-0.3/99	8	-0.03	0.07	0.34
123046	FR2509	WAIAU FULLTIME **RACER**-ET S2F	146/58	0.4	346	24	22	4.8	4.1	-0.05	1.5	6.7/38	2.6/81	81	0.13	0.41	0.12
116036	FR6730	ARKAN MGH **BACKDROP**-ET S2F *	131/99	9.3	-128	5	7	4.9	4.2	-0.04	5.0	3.9/97	-0.3/100	65	0.52	0.14	0.10
The Forwards®																	
-	FR8244	BOPURU **BRO** *	281/55	8.1	-46	28	10	5.3	4.2	-0.48	3.7	1.3/30	0.5/32	30	0.11	-0.15	-0.07
-	FR2583	CASHAN MEDLY **MARK**	265/43	3.8	212	32	17	5.1	4.1	-0.21	1.7	3.0/13	1.3/14	39	-0.01	-0.21	0.21
-	FR2580	BOPURU **CUZ**	132/39	3.5	0	19	6	5.0	4.1	-0.19	1.2	2.8/8	1.5/8	53	0.17	0.10	0.33
-	FR9241	BOPURU **PAL** *	114/55	4.0	-156	10	2	5.0	4.1	-0.12	0.2	5.6/10	1.4/29	13	0.13	0.14	-0.06

* Sexed semen is offered for Single AI use only. See page 3 for more information.
Publishing Date: 20/02/2026

SCOTTS BV **DARIUS**-ET *

COSTARS MB **QUICKFIRE**-ET S2F *

MCKAY BM **BAKERBOY**-ET S2F *

BELLAMYS DM **GALANT**-ET S1F *

WAIMERO SAQUOON **LISBON** S2F *

MANATU MANU **MITIGATE** S1F *

BUELIN BM **EQUATOR** S2F *

BUSYBROOK S **SMOKIN GUN**-ET S1F *

SHARPE ARENA **SHORTLIST**-ET S2F *

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

WAIAU FULLTIME **RACER**-ET S2F

ARKAN MGH **BACKDROP**-ET S2F *

PREMIER CLUB

HoofPrint® 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
6/6	149/68	102	29	-1	218	21	12	0.20	0.08	6.17	2.44	BUSY BROOK WTP VECTOR S3F	F16	1452	1467	0.0	A1/A2	12
7/6	172/46	70	72	20	-15	10	7	0.19	0.13	6.81	2.90	MCKAY BM BAKERBOY-ET S2F	F15J1	1467	1500	-0.3	A1/A2	28
6/6	182/66	98	91	17	130	17	11	0.21	0.11	8.12	3.32	BOTHWELL WT MAXIMA S2F	F15J1	1407	1429	-3.0	A1/A2	11
7/7	161/74	81	50	16	-140	14	5	0.34	0.18	5.96	2.96	DICKSONS BG MANDATE S1F	F16	1333	1357	0.6	A2/A2	10
6/6	148/47	77	62	15	93	14	8	0.18	0.09	6.81	2.90	MCKAY BM BAKERBOY-ET S2F	F15J1	1380	1401	-2.5	A1/A2	29
6/6	201/50	77	85	22	-240	10	4	0.35	0.23	6.25	2.40	SPRING RIVER GG SPYRO S1F	F15J1	1299	1313	-3.7	A1/A2	20
4/5	111/52	84	8	9	46	14	9	0.21	0.12	9.18	3.52	SPELDHURST LF GOLIATH S3F	F16	1335	1360	-0.6	A2/A2	15
5/5	125/52	84	33	10	62	13	9	0.19	0.12	8.22	3.24	LIGHTBURN BLADE GUSTO	F16	1308	1348	4.0	A1/A2	26
4/5	129/51	76	31	13	-17	12	7	0.22	0.13	7.86	3.02	TRONNOCO M SAQUOON-ET S3F	F16	1368	1382	-1.4	A2/A2	19
5/5	136/49	89	22	9	80	13	10	0.17	0.13	7.29	3.13	MATTAJUDE BG MANU-ET S1F	F16	1357	1379	4.1	A2/A2	17
7/7	139/82	73	48	8	1	16	5	0.29	0.10	7.41	3.04	BOTHWELL WT MAXIMA S2F	F15J1	1281	1301	-4.9	A1/A2	13
5/5	192/51	69	67	23	-137	10	5	0.27	0.17	5.45	2.27	SPRING RIVER GG SPYRO S1F	F16	1362	1348	-0.5	A2/A2	23
6/6	227/50	80	91	24	-235	13	4	0.41	0.21	6.90	2.75	SPRING RIVER GG SPYRO S1F	F16	1277	1279	1.6	A2/A2	14
6/6	143/41	55	54	17	-169	9	3	0.27	0.15	7.41	2.99	MEANDER MB ADVENTURE S2F	F16	1315	1333	-3.0	A2/A2	22
5/5	67/65	66	-16	4	164	12	9	0.09	0.05	6.71	2.95	BOTHWELL WT MAXIMA S2F	F15J1	1261	1274	-1.0	A1/A2	27
5/5	208/49	86	68	15	-130	14	6	0.35	0.18	6.18	2.64	SPRING RIVER GG SPYRO S1F	F16	1273	1279	3.1	A2/A2	16
5/5	197/54	89	34	12	135	14	11	0.15	0.10	5.75	2.57	MEANDER MG ARENA-ET S3F	F16	1244	1227	-3.6	A2/A2	24
8/7	102/54	70	2	17	-110	7	6	0.20	0.18	5.67	2.47	MEANDER SB ARROW-ET S2F	F16	1189	1204	-2.6	A2/A2	25
5/5	171/51	87	37	5	135	14	10	0.15	0.10	6.17	2.58	MEANDER MA FULLTIME S2F	F16	1219	1221	-2.4	A2/A2	21
6/6	162/89	36	88	19	-310	0	0	0.22	0.20	5.83	2.61	MOURNE GROVE HOTHOUSE S2F	F15J1	1100	1144	-4.1	A1/A2	8
7/7	223/78	62	98	21	-174	11	3	0.33	0.15	6.57	2.89	CARSONS FM CAIRO S3F	F15J1	1271	1288	-0.8	A1/A2	30
6/5	211/55	57	83	28	-265	10	1	0.37	0.18	6.38	2.75	BOPURU BRO	F16	1299	1309	-1.3	A2/A2	8
5/5	233/57	50	112	23	-190	10	1	0.31	0.14	6.29	2.80	BOPURU BRO	F15J1	1174	1195	0.2	A1/A2	8
6/6	242/66	60	96	22	-175	9	3	0.28	0.17	6.48	2.79	TANGLEWOOD MT KAURI S2F	F16	1095	1117	1.0	A2/A2	18

VMSI - For more information, visit https://lic.ie/products-services/variable-milking/
High Input - For more information, visit https://lic.ie/products-services/high-input/
HoofPrint - For more information, visit https://lic.ie/products-services/hoofprint-index/

icbf 23/09/2025 LIC Connaught 23/01/2026

COSTARS MB **QUARTERBACK**-ET S2F *

WAIARI SPYRO **PARAMOUNT** S1F *

TRONNOCO SG **SEVERYN**-ET *

GARDNER GUSTO **GOLDMINE** S2F *

MEANDER SPYRO **ACCORD**-ET S1F *

BALDRICKS MA **EL-DORADO** S2F *

BUSY BROOK **DEALER**-ET S2F *

MATTAJUDE SPYRO **THORN**-ET S1F *

BOPURU **BRO** *

CASHAN MEDLY **MARK**

BOPURU **CUZ**

BOPURU **PAL** *

Daughter of GALANT

FR9817 BELLAMYS DM GALANT-ET S1F

EBI/REL
161/74%

NEW ZEALAND DETAILS — 8807 NZ Daughters

HoofPrint®

gBW/Rel **327/99%**

Breeding Details

Split	F16
Sire	DICKSONS BG MANDATE S1F
MGS	SAN RAY FM BEAMER-ET S2F
MGGS	FAIRMONT MINT-EDITION

Volume	-95	Protein	15/4.3	Milkfat	37/5.5
Somatic Cell	-0.45	Cow CD	0.3/100	Heifer CD	8.8/91
Gestation Length	0.6	Body Cond	0.11	Func Surv	4.6
Fertility	5.9	Liveweight	54	Udd Over	0.23

NZ Evaluation Data — 168 Daughters TOP Inspected

Management	gBV	-0.5	0	0.5	1.0
Adapts to Milking	-0.02				
Shed Temperament	-0.03				
Milking Speed	0.08				
Overall Opinion	0.13				
Conformation	**gBV**	**-0.5**	**0**	**0.5**	**1.0**
Stature	0.63				
Capacity	0.63				
Rump Angle	0.22				
Rump Width	1.00				
Legs	0.10				
Udder Support	0.23				
Front Udder	0.32				
Rear Udder	0.27				
Front Teat Placement	-0.08				
Rear Teat Placement	0.06				
Teat Length	-0.21				
Udder Overall	0.23				
Dairy Conformation	0.71				

LIC Initiatives — DP - INT

High Input	1357
VMSI	1333
A2 Protein	A2/A2

23/01/2026

icbf 23/09/2025

IRELAND VALUES

Milk Prod SI	81	Calving Interval (days)	-1.39
Fertility SI	50	Survival	2.64
Carbon SI	16	Cow Calving Difficulty	2.96
Calving SI	15	Heifer Calving Difficulty	5.96
Beef SI	-80	Somatic Cell Count	-0.07
Health SI	21	Milk kg	-140
Maintenance SI	56	Fat kg/%	14/0.34
Management SI	2	Protein kg/%	5/0.18

Daughter of GALANT

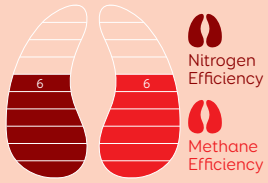
Daughter of BAKERBOY

FR1356 MCKAY BM BAKERBOY-ET S2F

EBI/REL
182/66%

NEW ZEALAND DETAILS — 9437 NZ Daughters

HoofPrint®



gBW/Rel **337/98%**

Breeding Details

Split	F15J1
Sire	BOTHWELL WT MAXIMA S2F
MGS	BUSY BROOK RASTUS-ET S3F
MGGS	VALDEN HI APPLAUSE-ET S2F

Volume	812	**Protein**	36/4.0	**Milkfat**	47/4.8
Somatic Cell	0.50	**Cow CD**	1.1/99	**Heifer CD**	5.1/82
Gestation Length	-3.0	**Body Cond**	-0.03	**Func Surv**	0.2
Fertility	1.4	**Liveweight**	69	**Udd Over**	0.51

NZ Evaluation Data — 147 Daughters TOP Inspected

Management	gBV	-0.5	0	0.5	1.0
Adapts to Milking	0.37				
Shed Temperament	0.37				
Milking Speed	0.27				
Overall Opinion	0.49				
Conformation	**gBV**	**-0.5**	**0**	**0.5**	**1.0**
Stature	0.87				
Capacity	0.52				
Rump Angle	0.16				
Rump Width	0.41				
Legs	0.05				
Udder Support	0.46				
Front Udder	0.42				
Rear Udder	0.32				
Front Teat Placement	0.37				
Rear Teat Placement	0.50				
Teat Length	-0.15				
Udder Overall	0.51				
Dairy Conformation	0.53				

LIC Initiatives — DP - INT

High Input	1429
VMSI	1407
A2 Protein	A1/A2

23/01/2026

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IRELAND VALUES

Milk Prod SI	**98**	Calving Interval (days)	**-4.93**
Fertility SI	**91**	Survival	**2.02**
Carbon SI	**17**	Cow Calving Difficulty	**3.32**
Calving SI	**16**	Heifer Calving Difficulty	**8.12**
Beef SI	**-87**	Somatic Cell Count	**0.07**
Health SI	**-8**	Milk kg	**130**
Maintenance SI	**60**	Fat kg/%	**17/0.21**
Management SI	**-4**	Protein kg/%	**11/0.11**

Daughter of BAKERBOY

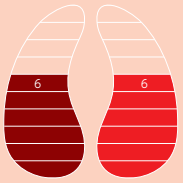
Daughter of DARIUS

FR1359 SCOTTS BV DARIUS-ET

EBI/REL
149/68%

NEW ZEALAND DETAILS — 111 NZ Daughters

HoofPrint®



gBW/Rel **411/91%**

Breeding Details

Split	F16
Sire	BUSY BROOK WTP VECTOR S3F
MGS	HAZAEL DAUNTLESS FREEDOM
MGGS	MACFARLANES DAUNTLESS

Volume	984	Protein	35/3.9	Milkfat	59/4.9
Somatic Cell	-0.26	Cow CD	-0.4/100	Heifer CD	4.9/84
Gestation Length	0.0	Body Cond	0.19	Func Surv	1.4
Fertility	1.7	Liveweight	96	Udd Over	0.34

NZ Evaluation Data — 89 Daughters TOP Inspected

Management	gBV	-0.5	0	0.5	1.0
Adapts to Milking	0.58				
Shed Temperament	0.59				
Milking Speed	0.30				
Overall Opinion	0.63				
Conformation	**gBV**	**-0.5**	**0**	**0.5**	**1.0**
Stature	1.06				
Capacity	0.51				
Rump Angle	-0.18				
Rump Width	0.90				
Legs	-0.11				
Udder Support	0.40				
Front Udder	0.25				
Rear Udder	0.25				
Front Teat Placement	0.04				
Rear Teat Placement	0.01				
Teat Length	-0.31				
Udder Overall	0.34				
Dairy Conformation	0.59				

LIC Initiatives — DP - INT

High Input	1467
VMSI	1452
A2 Protein	A1/A2

23/01/2026

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IRELAND VALUES

Milk Prod SI	102	Calving Interval (days)	-2.65
Fertility SI	29	Survival	-0.68
Carbon SI	-1	Cow Calving Difficulty	2.44
Calving SI	18	Heifer Calving Difficulty	6.17
Beef SI	-53	Somatic Cell Count	0.02
Health SI	17	Milk kg	218
Maintenance SI	29	Fat kg/%	21/0.20
Management SI	9	Protein kg/%	12/0.08

Daughter of DARIUS

Daughter of EQUATOR

FR7155 BUELIN BM EQUATOR S2F

EBI/REL
139/82%

NEW ZEALAND DETAILS 12628 NZ Daughters

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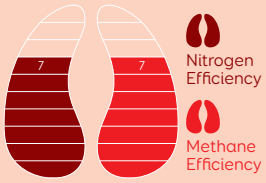

gBW/Rel **267/99%**

Breeding Details

Split	F15J1
Sire	BOTHWELL WT MAXIMA S2F
MGS	FAIRMONT MINT-EDITION
MGGS	TOP DECK KO PIERRE

Volume	511	**Protein**	12/3.8	**Milkfat**	43/5.0
Somatic Cell	0.09	**Cow CD**	1.5/100	**Heifer CD**	4.8/88
Gestation Length	-4.9	**Body Cond**	0.02	**Func Surv**	1.7
Fertility	6.1	**Liveweight**	50	**Udd Over**	0.11

NZ Evaluation Data 182 Daughters TOP Inspected

Management	gBV	-0.5	0	0.5	1.0
Adapts to Milking	0.38				
Shed Temperament	0.38				
Milking Speed	0.25				
Overall Opinion	0.45				
Conformation	**gBV**	**-0.5**	**0**	**0.5**	**1.0**
Stature	0.60				
Capacity	0.14				
Rump Angle	-0.02				
Rump Width	0.69				
Legs	-0.22				
Udder Support	0.32				
Front Udder	-0.24				
Rear Udder	0.15				
Front Teat Placement	-0.12				
Rear Teat Placement	0.01				
Teat Length	0.06				
Udder Overall	0.11				
Dairy Conformation	0.27				

LIC Initiatives DP - INT

High Input	1301
VMSI	1281
A2 Protein	A1/A2

23/01/2026

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IRELAND VALUES

Milk Prod SI	**73**	Calving Interval (days)	**-2.93**
Fertility SI	**48**	Survival	**0.66**
Carbon SI	**8**	Cow Calving Difficulty	**3.04**
Calving SI	**28**	Heifer Calving Difficulty	**7.41**
Beef SI	**-49**	Somatic Cell Count	**0.00**
Health SI	**2**	Milk kg	**1**
Maintenance SI	**43**	Fat kg/%	**16/0.29**
Management SI	**-14**	Protein kg/%	**5/0.10**

Daughter of EQUATOR

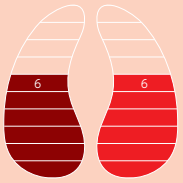
Dam of ACCORD

FR2508 MEANDER SPYRO **ACCORD**-ET S1F

EBI/REL
227/50%

NEW ZEALAND DETAILS — 0 NZ Daughters

HoofPrint®



gBW/Rel **238/59%**

Breeding Details

Split	F16
Sire	SPRING RIVER GG SPYRO S1F
MGS	BELLAMYS DM GALANT-ET S1F
MGGS	DICKSONS BG MANDATE S1F

Volume	-337	**Protein**	6/4.4	**Milkfat**	27/5.5
Somatic Cell	-0.45	**Cow CD**	1.1/96	**Heifer CD**	9.3/26
Gestation Length	1.6	**Body Cond**	0.04	**Func Surv**	4.4
Fertility	3.7	**Liveweight**	38	**Udd Over**	0.53

NZ Evaluation Data — 0 Daughters TOP Inspected

Management	gBV	-0.5	0	0.5	1.0
Adapts to Milking	0.22				
Shed Temperament	0.22				
Milking Speed	0.18				
Overall Opinion	0.28				
Conformation	**gBV**	**-0.5**	**0**	**0.5**	**1.0**
Stature	0.86				
Capacity	-0.07				
Rump Angle	0.41				
Rump Width	0.40				
Legs	-0.15				
Udder Support	0.54				
Front Udder	0.51				
Rear Udder	0.51				
Front Teat Placement	0.06				
Rear Teat Placement	0.27				
Teat Length	-0.14				
Udder Overall	0.53				
Dairy Conformation	0.08				

LIC Initiatives

High Input	1279
VMSI	1277
A2 Protein	A2/A2

23/01/2026

icbf 23/09/2025

IRELAND VALUES

Milk Prod SI	**80**	Calving Interval (days)	**-4.82**
Fertility SI	**91**	Survival	**2.20**
Carbon SI	**24**	Cow Calving Difficulty	**2.75**
Calving SI	**24**	Heifer Calving Difficulty	**6.90**
Beef SI	**-86**	Somatic Cell Count	**-0.05**
Health SI	**22**	Milk kg	**-235**
Maintenance SI	**68**	Fat kg/%	**13/0.41**
Management SI	**3**	Protein kg/%	**4/0.21**

Daughter of Maternal Grandsire GALANT

Sire of ACCORD

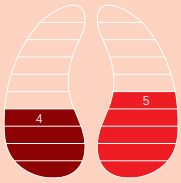
Dam of SEVERYN

FR2512 TRONNOCO SG SEVERYN-ET

EBI/REL
111/52%

NEW ZEALAND DETAILS — 0 NZ Daughters

HoofPrint®



gBW/Rel **288/57%**

Breeding Details

Split	F16
Sire	SPELDHURST LF GOLIATH S3F
MGS	GORDONS AM LANCELOT S3F
MGGS	ALJO TEF MAELSTROM-ET S3F

Volume	298	Protein	18/4.1	Milkfat	44/5.2
Somatic Cell	-0.03	Cow CD	2.5/96	Heifer CD	10.0/57
Gestation Length	-0.6	Body Cond	0.14	Func Surv	0.5
Fertility	-2.0	Liveweight	61	Udd Over	0.64

NZ Evaluation Data — 0 Daughters TOP Inspected

Management	gBV	-0.5	0	0.5	1.0
Adapts to Milking	0.27				
Shed Temperament	0.28				
Milking Speed	-0.12				
Overall Opinion	0.43				
Conformation	**gBV**	**-0.5**	**0**	**0.5**	**1.0**
Stature	0.55				
Capacity	0.91				
Rump Angle	-0.08				
Rump Width	0.61				
Legs	0.03				
Udder Support	0.74				
Front Udder	0.56				
Rear Udder	0.56				
Front Teat Placement	0.10				
Rear Teat Placement	0.53				
Teat Length	-0.71				
Udder Overall	0.64				
Dairy Conformation	0.80				

LIC Initiatives

High Input	1360
VMSI	1335
A2 Protein	A2/A2

23/01/2026

icbf 23/09/2025

IRELAND VALUES

Milk Prod SI	84	Calving Interval (days)	-0.27
Fertility SI	8	Survival	0.35
Carbon SI	9	Cow Calving Difficulty	3.52
Calving SI	-3	Heifer Calving Difficulty	9.18
Beef SI	-38	Somatic Cell Count	-0.08
Health SI	18	Milk kg	46
Maintenance SI	37	Fat kg/%	14/0.21
Management SI	-3	Protein kg/%	9/0.12

Daughter of Maternal Grandsire LANCELOT

Daughter of Maternal Grandsire ALPINE

FR2513 MATTAJUDE SPYRO THORN-ET S1F

EBI/REL
208/49%

NEW ZEALAND DETAILS — 0 NZ Daughters

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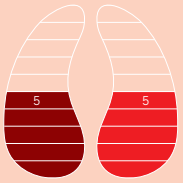

gBW/Rel **219/57%**

Breeding Details

Split	F16
Sire	SPRING RIVER GG SPYRO S1F
MGS	WITTENHAM MG ALPINE S2F
MGGS	MAIRE IG GAUNTLET-ET

Volume	-496	Protein	1/4.4	Milkfat	33/5.9
Somatic Cell	0.05	Cow CD	2.8/97	Heifer CD	9.7/27
Gestation Length	3.1	Body Cond	0.14	Func Surv	3.4
Fertility	0.9	Liveweight	47	Udd Over	0.73

NZ Evaluation Data — 0 Daughters TOP Inspected

Management	gBV	-0.5	0	0.5	1.0
Adapts to Milking	0.27				
Shed Temperament	0.26				
Milking Speed	0.20				
Overall Opinion	0.37				
Conformation	**gBV**	**-0.5**	**0**	**0.5**	**1.0**
Stature	0.64				
Capacity	0.07				
Rump Angle	-0.09				
Rump Width	0.48				
Legs	-0.11				
Udder Support	0.76				
Front Udder	0.52				
Rear Udder	0.55				
Front Teat Placement	0.28				
Rear Teat Placement	0.41				
Teat Length	-0.14				
Udder Overall	0.73				
Dairy Conformation	0.16				

LIC Initiatives

High Input	1279
VMSI	1273
A2 Protein	A2/A2

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IRELAND VALUES

Milk Prod SI	86	Calving Interval (days)	-3.68
Fertility SI	68	Survival	1.53
Carbon SI	15	Cow Calving Difficulty	2.64
Calving SI	24	Heifer Calving Difficulty	6.18
Beef SI	-54	Somatic Cell Count	-0.01
Health SI	13	Milk kg	-130
Maintenance SI	49	Fat kg/%	14/0.35
Management SI	7	Protein kg/%	6/0.18

Daughter of Maternal Grandsire - ALPINE

Daughter of Maternal Grandsire MASTERMIND

FR2504 MANATU MANU MITIGATE S1F

EBI/REL
136/49%

NEW ZEALAND DETAILS — 0 NZ Daughters

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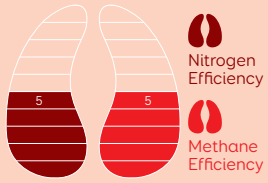

gBW/Rel **274/56%**

Breeding Details

Split	F16
Sire	MATTAJUDE BG MANU-ET S1F
MGS	WOODCOTE FI MASTERMIND
MGGS	FARSIDE M ILLUSTRIOUS S3F

Volume	44	Protein	20/4.3	Milkfat	33/5.3
Somatic Cell	-0.20	Cow CD	2.4/79	Heifer CD	5.5/18
Gestation Length	4.1	Body Cond	0.16	Func Surv	4.5
Fertility	2.3	Liveweight	71	Udd Over	0.79

NZ Evaluation Data — 0 Daughters TOP Inspected

Management	gBV	-0.5	0	0.5	1.0
Adapts to Milking	0.08				
Shed Temperament	0.07				
Milking Speed	0.12				
Overall Opinion	0.20				
Conformation	**gBV**	**-0.5**	**0**	**0.5**	**1.0**
Stature	0.84				
Capacity	0.66				
Rump Angle	0.33				
Rump Width	0.26				
Legs	-0.03				
Udder Support	0.74				
Front Udder	0.94				
Rear Udder	0.46				
Front Teat Placement	0.50				
Rear Teat Placement	0.97				
Teat Length	-0.68				
Udder Overall	0.79				
Dairy Conformation	0.60				

LIC Initiatives

High Input	1379
VMSI	1357
A2 Protein	A2/A2

23/01/2026

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IRELAND VALUES

Milk Prod SI	89	Calving Interval (days)	-1.00
Fertility SI	22	Survival	0.70
Carbon SI	9	Cow Calving Difficulty	3.13
Calving SI	8	Heifer Calving Difficulty	7.29
Beef SI	-76	Somatic Cell Count	-0.05
Health SI	22	Milk kg	80
Maintenance SI	58	Fat kg/%	13/0.17
Management SI	4	Protein kg/%	10/0.13

Daughter of Paternal Grandsire GALANT

Maternal Grandsire of MITIGATE

Half Sister of PAL

FR9241 BOPURU PAL

EBI/REL
242/66%

NEW ZEALAND DETAILS — 0 NZ Daughters

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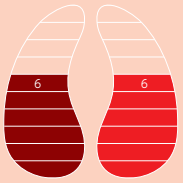

gBW/Rel **114/55%**

Breeding Details

Split	F16
Sire	TANGLEWOOD MT KAURI S2F
MGS	HAZAEL LIGHT DETECTOR S2F
MGGS	BAGWORTH ELLISTON BELL-ET

Volume	-156	Protein	2/4.1	Milkfat	10/5.0
Somatic Cell	-0.12	Cow CD	1.4/29	Heifer CD	5.6/10
Gestation Length	1.0	Body Cond	0.13	Func Surv	0.2
Fertility	4.0	Liveweight	13	Udd Over	-0.06

NZ Evaluation Data — 0 Daughters TOP Inspected

Management	gBV	-0.5	0	0.5	1.0
Adapts to Milking	0.05				
Shed Temperament	0.06				
Milking Speed	-0.27				
Overall Opinion	0.06				
Conformation	**gBV**	**-0.5**	**0**	**0.5**	**1.0**
Stature	0.11				
Capacity	0.14				
Rump Angle	-0.39				
Rump Width	-0.23				
Legs	-0.06				
Udder Support	0.05				
Front Udder	-0.18				
Rear Udder	-0.04				
Front Teat Placement	-0.05				
Rear Teat Placement	0.09				
Teat Length	0.05				
Udder Overall	-0.06				
Dairy Conformation	-0.05				

LIC Initiatives

High Input	1117
VMSI	1095
A2 Protein	A2/A2

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IRELAND VALUES

Milk Prod SI	60	Calving Interval (days)	-5.69
Fertility SI	96	Survival	1.59
Carbon SI	22	Cow Calving Difficulty	2.79
Calving SI	20	Heifer Calving Difficulty	6.48
Beef SI	-21	Somatic Cell Count	-0.12
Health SI	16	Milk kg	-175
Maintenance SI	47	Fat kg/%	9/0.28
Management SI	1	Protein kg/%	3/0.17

Half Sister of PAL

Sire of PAL

Half Sister of LISBON

FR2505 WAIMERO SAQUOON LISBON S2F

EBI/REL
129/51%

NEW ZEALAND DETAILS — 0 NZ Daughters

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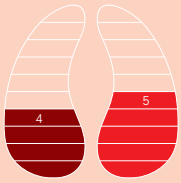

gBW/Rel **281/59%**

Breeding Details

Split	F16
Sire	TRONNOCO M SAQUOON-ET S3F
MGS	TAFTS RHR ORDAIN S3F
MGGS	RIVERHEIGHTS GB ROGUE S3F

Volume	529	Protein	29/4.1	Milkfat	42/5.0
Somatic Cell	0.12	Cow CD	3.4/95	Heifer CD	4.8/65
Gestation Length	-1.4	Body Cond	0.17	Func Surv	2.2
Fertility	-0.5	Liveweight	90	Udd Over	0.74

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	0.23				
Overall Opinion	0.41				
Conformation	**gBV**	**-0.5**	**0**	**0.5**	**1.0**
Stature	0.80				
Capacity	0.57				
Rump Angle	-0.37				
Rump Width	0.00				
Legs	-0.04				
Udder Support	0.67				
Front Udder	0.75				
Rear Udder	0.22				
Front Teat Placement	0.60				
Rear Teat Placement	0.55				
Teat Length	-0.17				
Udder Overall	0.74				
Dairy Conformation	0.54				

LIC Initiatives

High Input	1382
VMSI	1368
A2 Protein	A2/A2

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IRELAND VALUES

Milk Prod SI	76	Calving Interval (days)	-1.43
Fertility SI	31	Survival	1.02
Carbon SI	13	Cow Calving Difficulty	3.02
Calving SI	11	Heifer Calving Difficulty	7.86
Beef SI	-69	Somatic Cell Count	-0.01
Health SI	17	Milk kg	-17
Maintenance SI	48	Fat kg/%	12/0.22
Management SI	2	Protein kg/%	7/0.13

Dam of Maternal Grandsire ORDAIN

Half Sister of PARAMOUNT

FR2514 WAIARI SPYRO **PARAMOUNT** S1F

EBI/REL
201/50%

NEW ZEALAND DETAILS — 0 NZ Daughters

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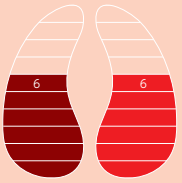

gBW/Rel **293/58%**

Breeding Details

Split	F15J1
Sire	SPRING RIVER GG SPYRO S1F
MGS	ARKAN MGH BACKDROP-ET S2F
MGGS	MOURNE GROVE HOTHOUSE S2F

Volume	-343	**Protein**	8/4.4	**Milkfat**	25/5.5
Somatic Cell	-0.55	**Cow CD**	0.3/98	**Heifer CD**	6.9/24
Gestation Length	-3.7	**Body Cond**	0.23	**Func Surv**	3.8
Fertility	5.0	**Liveweight**	43	**Udd Over**	0.59

NZ Evaluation Data — 0 Daughters TOP Inspected

Management	gBV	-0.5	0	0.5	1.0
Adapts to Milking	0.29				
Shed Temperament	0.30				
Milking Speed	0.02				
Overall Opinion	0.27				
Conformation	**gBV**	**-0.5**	**0**	**0.5**	**1.0**
Stature	0.54				
Capacity	-0.01				
Rump Angle	0.07				
Rump Width	-0.49				
Legs	-0.15				
Udder Support	0.55				
Front Udder	0.59				
Rear Udder	0.29				
Front Teat Placement	0.42				
Rear Teat Placement	0.60				
Teat Length	0.18				
Udder Overall	0.59				
Dairy Conformation	0.04				

LIC Initiatives

High Input	1313
VMSI	1299
A2 Protein	A1/A2

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IRELAND VALUES

Milk Prod SI	77	Calving Interval (days)	-4.66
Fertility SI	85	Survival	1.80
Carbon SI	22	Cow Calving Difficulty	2.40
Calving SI	32	Heifer Calving Difficulty	6.25
Beef SI	-59	Somatic Cell Count	-0.01
Health SI	4	Milk kg	-240
Maintenance SI	41	Fat kg/%	10/0.35
Management SI	-1	Protein kg/%	4/0.23

Half Sister of PARAMOUNT

Sire of PARAMOUNT

Daughter of Paternal Grandsire ARROW

FR2509 WAIAU FULLTIME RACER-ET S2F

EBI/REL
171/51%

NEW ZEALAND DETAILS — 0 NZ Daughters

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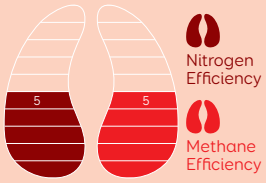

gBW/Rel **146/58%**

Breeding Details

Split	F16
Sire	MEANDER MA FULLTIME S2F
MGS	VAN HEUVENS VA REMEDY S1F
MGGS	VALDEN HI APPLAUSE-ET S2F

Volume	346	**Protein**	22/4.1	**Milkfat**	24/4.8
Somatic Cell	-0.05	**Cow CD**	2.6/81	**Heifer CD**	6.7/38
Gestation Length	-2.4	**Body Cond**	0.13	**Func Surv**	1.5
Fertility	0.4	**Liveweight**	81	**Udd Over**	0.12

NZ Evaluation Data — 0 Daughters TOP Inspected

Management	gBV	-0.5	0	0.5	1.0
Adapts to Milking	0.04				
Shed Temperament	0.04				
Milking Speed	0.09				
Overall Opinion	0.05				
Conformation	**gBV**	**-0.5**	**0**	**0.5**	**1.0**
Stature	0.81				
Capacity	0.41				
Rump Angle	-0.44				
Rump Width	0.46				
Legs	-0.09				
Udder Support	0.31				
Front Udder	0.04				
Rear Udder	-0.08				
Front Teat Placement	0.08				
Rear Teat Placement	0.36				
Teat Length	-0.47				
Udder Overall	0.12				
Dairy Conformation	0.38				

LIC Initiatives

High Input	1221
VMSI	1219
A2 Protein	A2/A2

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IRELAND VALUES

Milk Prod SI	**87**	Calving Interval (days)	**-2.46**
Fertility SI	**37**	Survival	**0.27**
Carbon SI	**5**	Cow Calving Difficulty	**2.58**
Calving SI	**30**	Heifer Calving Difficulty	**6.17**
Beef SI	**-36**	Somatic Cell Count	**0.04**
Health SI	**11**	Milk kg	**135**
Maintenance SI	**32**	Fat kg/%	**14/0.15**
Management SI	**4**	Protein kg/%	**10/0.10**

Daughter of Paternal Grandsire ARROW

Half Sister of EL DORADO

FR2833 BALDRICKS MA EL-DORADO S2F

EBI/REL
143/41%

NEW ZEALAND DETAILS — 0 NZ Daughters

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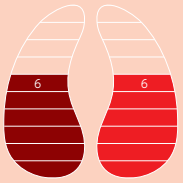

gBW/Rel **236/58%**

Breeding Details

Split	F16
Sire	MEANDER MB ADVENTURE S2F
MGS	WESTEDGE VHR SWEET AS S2F
MGGS	FAIRMONT MINT-EDITION

Volume	141	Protein	16/4.2	Milkfat	42/5.3
Somatic Cell	0.40	Cow CD	0.8/78	Heifer CD	7.3/21
Gestation Length	-3.0	Body Cond	0.09	Func Surv	3.0
Fertility	5.6	Liveweight	95	Udd Over	0.35

NZ Evaluation Data — 0 Daughters TOP Inspected

Management	gBV	-0.5	0	0.5	1.0
Adapts to Milking	0.37				
Shed Temperament	0.35				
Milking Speed	0.62				
Overall Opinion	0.55				
Conformation	**gBV**	**-0.5**	**0**	**0.5**	**1.0**
Stature	0.98				
Capacity	0.52				
Rump Angle	-0.42				
Rump Width	0.16				
Legs	-0.04				
Udder Support	0.42				
Front Udder	0.42				
Rear Udder	0.18				
Front Teat Placement	0.10				
Rear Teat Placement	0.28				
Teat Length	0.07				
Udder Overall	0.35				
Dairy Conformation	0.43				

LIC Initiatives

High Input	1333
VMSI	1315
A2 Protein	A2/A2

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IRELAND VALUES

Milk Prod SI	55	Calving Interval (days)	-3.21
Fertility SI	54	Survival	0.90
Carbon SI	17	Cow Calving Difficulty	2.99
Calving SI	14	Heifer Calving Difficulty	7.41
Beef SI	-37	Somatic Cell Count	0.05
Health SI	-2	Milk kg	-169
Maintenance SI	41	Fat kg/%	9/0.27
Management SI	1	Protein kg/%	3/0.15

Daughter of Paternal Grandsire BAKERBOY

Sire of EL-DORADO

Dam of SMOKIN GUN

FR2510 BUSYBROOK S SMOKIN GUN-ET S1F

EBI/REL
192/51%

NEW ZEALAND DETAILS — 0 NZ Daughters

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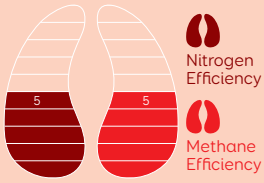

gBW/Rel **264/60%**

Breeding Details

Split	F16
Sire	SPRING RIVER GG SPYRO S1F
MGS	SAN RAY FM BEAMER-ET S2F
MGGS	FAIRMONT MINT-EDITION

Volume	-3	Protein	19/4.3	Milkfat	31/5.3
Somatic Cell	-0.40	Cow CD	3.2/97	Heifer CD	7.7/38
Gestation Length	-0.5	Body Cond	-0.01	Func Surv	2.0
Fertility	-1.0	Liveweight	49	Udd Over	0.88

NZ Evaluation Data — 0 Daughters TOP Inspected

Management	gBV	-0.5	0	0.5	1.0
Adapts to Milking	0.01				
Shed Temperament	0.00				
Milking Speed	0.06				
Overall Opinion	0.06				
Conformation	**gBV**	**-0.5**	**0**	**0.5**	**1.0**
Stature	0.89				
Capacity	-0.28				
Rump Angle	0.40				
Rump Width	0.78				
Legs	-0.20				
Udder Support	0.86				
Front Udder	0.68				
Rear Udder	0.57				
Front Teat Placement	0.59				
Rear Teat Placement	0.98				
Teat Length	-0.59				
Udder Overall	0.88				
Dairy Conformation	0.08				

LIC Initiatives

High Input	1348
VMSI	1362
A2 Protein	A2/A2

23/01/2026

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IRELAND VALUES

Milk Prod SI	69	Calving Interval (days)	-3.89
Fertility SI	67	Survival	1.15
Carbon SI	23	Cow Calving Difficulty	2.27
Calving SI	36	Heifer Calving Difficulty	5.45
Beef SI	-74	Somatic Cell Count	-0.01
Health SI	12	Milk kg	-137
Maintenance SI	55	Fat kg/%	10/0.27
Management SI	4	Protein kg/%	5/0.17

Daughter of Maternal Grandsire BEAMER

Daughter of Maternal Grandsire REMEDY

FR1166 SHARPE ARENA SHORTLIST-ET S2F

EBI/REL
197/54%

NEW ZEALAND DETAILS — 107 NZ Daughters

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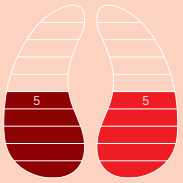

gBW/Rel **178/88%**

Breeding Details

Split	F16
Sire	MEANDER MG ARENA-ET S3F
MGS	VAN HEUVENS VA REMEDY S1F
MGGS	VALDEN HI APPLAUSE-ET S2F

Volume	567	Protein	26/4.0	Milkfat	29/4.7
Somatic Cell	0.22	Cow CD	0.6/95	Heifer CD	9.0/43
Gestation Length	-3.6	Body Cond	-0.02	Func Surv	0.8
Fertility	-5.6	Liveweight	54	Udd Over	0.29

NZ Evaluation Data — 91 Daughters TOP Inspected

Management	gBV	-0.5	0	0.5	1.0
Adapts to Milking	0.32				
Shed Temperament	0.33				
Milking Speed	0.17				
Overall Opinion	0.26				
Conformation	**gBV**	**-0.5**	**0**	**0.5**	**1.0**
Stature	0.61				
Capacity	0.47				
Rump Angle	0.34				
Rump Width	0.96				
Legs	-0.19				
Udder Support	0.30				
Front Udder	0.18				
Rear Udder	0.06				
Front Teat Placement	0.49				
Rear Teat Placement	1.02				
Teat Length	-0.45				
Udder Overall	0.29				
Dairy Conformation	0.51				

LIC Initiatives — DP - INT

High Input	1227
VMSI	1244
A2 Protein	A2/A2

23/01/2026

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IRELAND VALUES

Milk Prod SI	89	Calving Interval (days)	-1.93
Fertility SI	34	Survival	0.66
Carbon SI	12	Cow Calving Difficulty	2.57
Calving SI	42	Heifer Calving Difficulty	5.75
Beef SI	-66	Somatic Cell Count	0.05
Health SI	14	Milk kg	135
Maintenance SI	72	Fat kg/%	14/0.15
Management SI	0	Protein kg/%	11/0.10

Daughter of Maternal Grandsire REMEDY

Half Sister of MONOPOLL

FR1554 DICKSONS AR MONOPOLL-ET-P S2F

EBI/REL
102/54%

NEW ZEALAND DETAILS — 229 NZ Daughters

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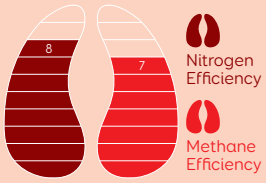

gBW/Rel **174/92%**

Breeding Details

Split	F16
Sire	MEANDER SB ARROW-ET S2F
MGS	COSTERS METROPOLIS P S2F
MGGS	MORRIS TF LAMONT S1F

Volume	-34	Protein	12/4.2	Milkfat	15/5.0
Somatic Cell	0.50	Cow CD	-0.3/99	Heifer CD	2.5/95
Gestation Length	-2.6	Body Cond	-0.03	Func Surv	1.6
Fertility	2.8	Liveweight	8	Udd Over	0.34

NZ Evaluation Data — 124 Daughters TOP Inspected

Management	gBV	-0.5	0	0.5	1.0
Adapts to Milking	0.16				
Shed Temperament	0.15				
Milking Speed	0.31				
Overall Opinion	0.16				
Conformation	**gBV**	**-0.5**	**0**	**0.5**	**1.0**
Stature	0.02				
Capacity	0.07				
Rump Angle	-0.20				
Rump Width	0.64				
Legs	0.02				
Udder Support	0.27				
Front Udder	0.72				
Rear Udder	-0.07				
Front Teat Placement	0.23				
Rear Teat Placement	0.04				
Teat Length	-0.59				
Udder Overall	0.34				
Dairy Conformation	0.12				

LIC Initiatives — DP - INT

High Input	1204
VMSI	1189
A2 Protein	A2/A2

23/01/2026

icbf 23/09/2025

IRELAND VALUES

Milk Prod SI	70	Calving Interval (days)	-0.19
Fertility SI	2	Survival	-0.08
Carbon SI	17	Cow Calving Difficulty	2.47
Calving SI	29	Heifer Calving Difficulty	5.67
Beef SI	-87	Somatic Cell Count	0.00
Health SI	10	Milk kg	-110
Maintenance SI	59	Fat kg/%	7/0.20
Management SI	3	Protein kg/%	6/0.18

Half Sister of MONOPOLL

Half Sister of GOLDMINE

FR2507 GARDNER GUSTO GOLDMINE S2F

EBI/REL
125/52%

NEW ZEALAND DETAILS — 77 NZ Daughters

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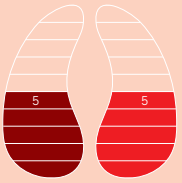

gBW/Rel **286/86%**

Breeding Details

Split	F16
Sire	LIGHTBURN BLADE GUSTO
MGS	VAN HEUVENS VA REMEDY S1F
MGGS	VALDEN HI APPLAUSE-ET S2F

Volume	765	Protein	35/4.0	Milkfat	39/4.7
Somatic Cell	0.69	Cow CD	5.8/78	Heifer CD	11.4/30
Gestation Length	4.0	Body Cond	0.26	Func Surv	0.8
Fertility	0.7	Liveweight	72	Udd Over	0.22

NZ Evaluation Data — 74 Daughters TOP Inspected

Management	gBV
Adapts to Milking	0.17
Shed Temperament	0.18
Milking Speed	-0.15
Overall Opinion	0.15

Conformation	gBV
Stature	-0.01
Capacity	0.25
Rump Angle	0.22
Rump Width	0.14
Legs	-0.06
Udder Support	0.27
Front Udder	0.35
Rear Udder	-0.01
Front Teat Placement	0.05
Rear Teat Placement	-0.03
Teat Length	-0.66
Udder Overall	0.22
Dairy Conformation	0.25

LIC Initiatives — DP - INT

High Input	1348
VMSI	1308
A2 Protein	A1/A2

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IRELAND VALUES

Milk Prod SI	84	Calving Interval (days)	-2.27
Fertility SI	33	Survival	0.15
Carbon SI	10	Cow Calving Difficulty	3.24
Calving SI	4	Heifer Calving Difficulty	8.22
Beef SI	-48	Somatic Cell Count	0.07
Health SI	3	Milk kg	62
Maintenance SI	42	Fat kg/%	13/0.19
Management SI	-1	Protein kg/%	9/0.12

Half Sister of GOLDMINE

Sire of GOLDMINE

Daughter of DEALER

FR9814 BUSY BROOK DEALER-ET S2F

EBI/REL
67/65%

NEW ZEALAND DETAILS — 192 NZ Daughters

HoofPrint®

Nitrogen Efficiency

Methane Efficiency

gBW/Rel **229/93%**

Breeding Details

Split	F15J1
Sire	BOTHWELL WT MAXIMA S2F
MGS	FARSIDE M ILLUSTRIOUS S3F
MGGS	FAIRMONT MINT-EDITION

Volume	814	**Protein**	26/3.9	**Milkfat**	27/4.5
Somatic Cell	0.16	**Cow CD**	0.8/100	**Heifer CD**	6.0/34
Gestation Length	-1.0	**Body Cond**	-0.08	**Func Surv**	1.0
Fertility	-1.8	**Liveweight**	19	**Udd Over**	0.47

NZ Evaluation Data — 89 Daughters TOP Inspected

Management	gBV	-0.5	0	0.5	1.0
Adapts to Milking	0.31				
Shed Temperament	0.32				
Milking Speed	0.00				
Overall Opinion	0.43				
Conformation	**gBV**	**-0.5**	**0**	**0.5**	**1.0**
Stature	0.41				
Capacity	0.14				
Rump Angle	-0.62				
Rump Width	-0.04				
Legs	-0.09				
Udder Support	0.47				
Front Udder	0.74				
Rear Udder	0.18				
Front Teat Placement	0.10				
Rear Teat Placement	0.05				
Teat Length	-0.43				
Udder Overall	0.47				
Dairy Conformation	0.09				

LIC Initiatives — DP - INT

High Input	1274
VMSI	1261
A2 Protein	A1/A2

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IRELAND VALUES

Milk Prod SI	**66**	Calving Interval (days)	**1.12**
Fertility SI	**-16**	Survival	**-0.05**
Carbon SI	**4**	Cow Calving Difficulty	**2.95**
Calving SI	**22**	Heifer Calving Difficulty	**6.71**
Beef SI	**-46**	Somatic Cell Count	**0.03**
Health SI	**3**	Milk kg	**164**
Maintenance SI	**36**	Fat kg/%	**12/0.09**
Management SI	**-1**	Protein kg/%	**9/0.05**

Daughter of DEALER

Daughter of QUICKFIRE

FR2900 COSTARS MB QUICKFIRE-ET S2F

EBI/REL
172/46%

NEW ZEALAND DETAILS — 115 NZ Daughters

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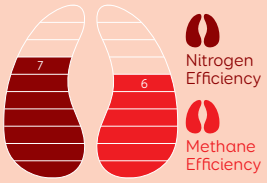

gBW/Rel **379/88%**

Breeding Details

Split	F15J1
Sire	MCKAY BM BAKERBOY-ET S2F
MGS	DICKSONS BG MANDATE S1F
MGGS	SAN RAY FM BEAMER-ET S2F

Volume	1129	Protein	48/4.0	Milkfat	47/4.6
Somatic Cell	0.49	Cow CD	1.2/78	Heifer CD	2.9/33
Gestation Length	-0.3	Body Cond	-0.08	Func Surv	2.1
Fertility	2.4	Liveweight	71	Udd Over	0.60

NZ Evaluation Data — 104 Daughters TOP Inspected

Management	gBV	-0.5	0	0.5	1.0
Adapts to Milking	0.27				
Shed Temperament	0.26				
Milking Speed	0.35				
Overall Opinion	0.44				
Conformation	**gBV**	**-0.5**	**0**	**0.5**	**1.0**
Stature	1.27				
Capacity	0.73				
Rump Angle	0.57				
Rump Width	0.55				
Legs	0.01				
Udder Support	0.48				
Front Udder	0.61				
Rear Udder	0.41				
Front Teat Placement	0.25				
Rear Teat Placement	0.04				
Teat Length	0.23				
Udder Overall	0.60				
Dairy Conformation	0.74				

LIC Initiatives — DP - INT

High Input	1500
VMSI	1467
A2 Protein	A1/A2

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IRELAND VALUES

Milk Prod SI	70	Calving Interval (days)	-4.04
Fertility SI	72	Survival	1.44
Carbon SI	20	Cow Calving Difficulty	2.90
Calving SI	19	Heifer Calving Difficulty	6.81
Beef SI	-79	Somatic Cell Count	0.07
Health SI	10	Milk kg	-15
Maintenance SI	61	Fat kg/%	10/0.19
Management SI	-1	Protein kg/%	7/0.13

Daughter of QUICKFIRE

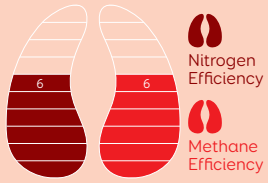
Daughter of QUARTERBACK

FR2908 COSTARS MB QUARTERBACK-ET S2F

EBI/REL
148/47%

NEW ZEALAND DETAILS — 115 NZ Daughters

HoofPrint®



gBW/Rel **298/89%**

Breeding Details

Split	F15J1
Sire	MCKAY BM BAKERBOY-ET S2F
MGS	DICKSONS BG MANDATE S1F
MGGS	SAN RAY FM BEAMER-ET S2F

Volume	434	**Protein**	29/4.2	**Milkfat**	39/5.0
Somatic Cell	0.22	**Cow CD**	0.8/79	**Heifer CD**	2.9/32
Gestation Length	-2.5	**Body Cond**	-0.12	**Func Surv**	0.6
Fertility	2.4	**Liveweight**	56	**Udd Over**	0.69

NZ Evaluation Data — 108 Daughters TOP Inspected

Management	gBV	-0.5	0	0.5	1.0
Adapts to Milking	0.07				
Shed Temperament	0.07				
Milking Speed	-0.02				
Overall Opinion	0.19				
Conformation	**gBV**	**-0.5**	**0**	**0.5**	**1.0**
Stature	0.83				
Capacity	0.48				
Rump Angle	0.16				
Rump Width	0.60				
Legs	0.11				
Udder Support	0.54				
Front Udder	0.63				
Rear Udder	0.28				
Front Teat Placement	0.63				
Rear Teat Placement	0.52				
Teat Length	-0.72				
Udder Overall	0.69				
Dairy Conformation	0.53				

LIC Initiatives — DP - INT

High Input	1401
VMSI	1380
A2 Protein	A1/A2

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IRELAND VALUES

Milk Prod SI	**77**	Calving Interval (days)	**-3.29**
Fertility SI	**62**	Survival	**1.44**
Carbon SI	**15**	Cow Calving Difficulty	**2.90**
Calving SI	**16**	Heifer Calving Difficulty	**6.81**
Beef SI	**-79**	Somatic Cell Count	**0.02**
Health SI	**-4**	Milk kg	**93**
Maintenance SI	**61**	Fat kg/%	**14/0.18**
Management SI	**-1**	Protein kg/%	**8/0.09**

Daughter of QUARTERBACK

Half Sister of BRO

FR8244 BOPURU BRO

EBI/REL
223/78%

NEW ZEALAND DETAILS — 0 NZ Daughters

HoofPrint®

gBW/Rel **281/55%**

Breeding Details

Split	F15J1
Sire	CARSONS FM CAIRO S3F
MGS	SAVANNAHS HF HAMMER S1F
MGGS	BAGWORTH LANCE CAMELOT

Volume	-46	**Protein**	10/4.2	**Milkfat**	28/5.3
Somatic Cell	-0.48	**Cow CD**	0.5/32	**Heifer CD**	1.3/30
Gestation Length	-0.8	**Body Cond**	0.11	**Func Surv**	3.7
Fertility	8.1	**Liveweight**	30	**Udd Over**	-0.07

NZ Evaluation Data — 0 Daughters TOP Inspected

Management	gBV	-0.5	0	0.5	1.0
Adapts to Milking	0.02				
Shed Temperament	0.02				
Milking Speed	-0.11				
Overall Opinion	0.13				
Conformation	**gBV**	**-0.5**	**0**	**0.5**	**1.0**
Stature	0.51				
Capacity	-0.15				
Rump Angle	0.01				
Rump Width	-0.08				
Legs	0.05				
Udder Support	0.21				
Front Udder	-0.07				
Rear Udder	-0.16				
Front Teat Placement	-0.15				
Rear Teat Placement	0.28				
Teat Length	-0.32				
Udder Overall	-0.07				
Dairy Conformation	-0.02				

LIC Initiatives

High Input	1288
VMSI	1271
A2 Protein	A1/A2

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IRELAND VALUES

Milk Prod SI	62	Calving Interval (days)	-6.01
Fertility SI	98	Survival	1.38
Carbon SI	21	Cow Calving Difficulty	2.89
Calving SI	24	Heifer Calving Difficulty	6.57
Beef SI	-39	Somatic Cell Count	-0.08
Health SI	19	Milk kg	-174
Maintenance SI	39	Fat kg/%	11/0.33
Management SI	-2	Protein kg/%	3/0.15

Half Sister of BRO

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	Dairy Beef Index (€)	Commercial Beef Value (€)	Dairy Cow Calving Difficulty (%)	Gestation Length (days)	Carcass Weight (kg)
AA1404	RISSINGTON R73	148	85	3.0	-3.56	8.70

Source: ICBF November 2025

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	Dairy Beef Index (€)	Commercial Beef Value (€)	Dairy Cow Calving Difficulty (%)	Gestation Length (days)	Carcass Weight (kg)
HE2649	SHRIMPTONS HILL 190119	59	20	3.5	-1.61	-7.70

Source: ICBF November 2025

Charolais Beef

Sourced through the Kakahu stud, 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	Dairy Beef Index (€)	Commercial Beef Value (€)	Dairy Cow Calving Difficulty (%)	Gestation Length (days)	Carcass Weight (kg)
CH9454	KAKAHU APOLLO	93	59	3.3	-1.19	-2.00

Source: ICBF November 2025

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 (€)	Commercial Beef Value (€)	Dairy Cow Calving Difficulty (%)	Gestation Length (days)	Carcass Weight (kg)
BBM192	LIC TRIPLE MIX BLUE					
-	KERSEY RHINESTONE	104	154	6.7	-0.46	22.40
-	CBL ROCKSTAR	114	130	5.3	-0.33	17.00
-	CBL POLARIS	134	139	5.2	-1.50	20.10

Source: ICBF November 2025

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