2022/23 Sire Catalogue

There's always room for improvement

LIC®
LIVESTOCK IMPROVEMENT

GM INTRO

Mark Ryder

The past year has seen a slow return back to some level of normality as far as Covid goes, but some challenges are still being thrown our way through rising fertiliser, fuel and feed costs. I guess in our sector we know there will always be challenges.

A year ago if someone had said there could be a war in continental Europe, we would have all thought Covid had impacted their mind! The other head wind we sail into is one of making sure we are aligning with best practice to limit and reduce the impact on the planet and maximise the value of the surplus calf from the dairy industry.

While we know they pose a major challenge for us all, we are pleased to think we have the front foot on all counts here from our experience in New Zealand and the solutions we have deployed and continue to develop there.

As far as fighting the rising costs noted above, systems where grazed pasture forms the greatest part of a cow's diet will provide sustainable profits even at low milk prices - they are good now, but for how long?

In terms of environmental impact, our cows are bred to maximise milk quality per unit of feed eaten and per kilogram of liveweight to maintain, while the Hoofprint® index on all our bulls predict which bulls generate daughters with a lower environmental impact.

Since we have the cow that produces high-quality milk and helps drive profit by maximizing the utilization of grass, we also need to ensure the surplus calf is as good as it can be without compromising the above.

With the use of our herd improvement tool providing a clear approach for the fastest way to improve your herd, we can provide the complete package for building or maintaining resilience in your business for many years to come. This is achieved by having access to sexed semen from the very best dairy bulls in NZ, beef bulls with strong carcass characteristics and short gestation lengths.

To summarise the landscape, it is one driven by costs, environmental impacts and public perceptions. The greatest control you can have over this is by ensuring the highest percentage of grazed grass is in your cows' diet, and this will help deliver the most resilient and profitable outcome for you.

Our Pasture to Profit consultancy business continues to provide support for UK farmers by bringing everything together on farm with a complete system management tailored to suit your business and your aspirations for funding the lifestyle you desire. We have started working closely with the AHDB and farmers by looking for ways to improve their systems on farm. This has been very rewarding for LIC and the participating farmers, resulting in some long-term relationships.

We continue to grow our 1:1 consults and discussion groups and are very proud of the role we play in the UK dairy industry.

With the huge advances in genomic evaluation there has been increasing use of genomic sires in New Zealand, to the point that in 2021/22, more than 60% of LIC's New Zealand customers incorporated genomic bulls in their breeding plan. This is expected to increase further in 2022/23.

The past 12 months has seen a continued increase in the use of sexed semen in the UK, as farmers gain confidence in this product when selecting the best heifers and cows in their herd to produce replacements and speed up the genetic improvement in their herds.

We are pleased to now be in our year-round collection model for Europe and have discontinued our previous just-in-time seasonal model. As a result, we already have good quantities to take us into Autumn 2022 and Spring 2023, but still expect bulls to sell out, so keep in close contact with your FSM.

Included in our sexed semen offering is The Forwards® bull team, born and bred in Ireland. These bulls are from daughters of outstanding LIC-bred Irish cows. This allows LIC to be able to offer our farmers a substantial sexed team with The Forwards® bringing in more diversity to the offering. These first entered the market in Autumn 2021 and sales have exceeded our expectations to date.

As 20% shareholders in NMR we're continuing to work alongside them and further develop our herd improvement tool, helping many of our customers identify their best cows for comprehensive breeding plans and speeding up genetic gain in their herds.

The things we are doing here in the UK combined with the massive investment back in NZ points to an exciting future and, while none of us know what the 'new normal' will look like in the long term, rest assured that LIC remains committed to working alongside you to help you secure your business as an efficient and cost-effective operation.

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 by 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® and SexedULTRA 4M® 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 the UK 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 2005 Base Cow - the average of 21,585 cows born in the year 2005 - whose production and TOP (traits other than production) data has been set to zero. Each cow has been TOP inspected and milk recorded at least four times to deliver an accurate result.

Base Cow Production

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

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

Traits Other than Production

Assessing the Animal

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

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

HOW TO READ A SIRE PAGE

gBW/Rel

Using this bull at a gBW of 301 indicates that per 5T DM eaten, the offspring are expected to generate NZD 301 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 1230 litres indicates that his daughters will on average produce 615 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 Count

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

Fertility

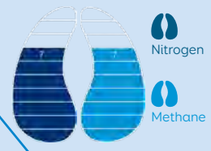
A bull gBV of 3.9% indicates that 1.95% more daughters are expected to calve in the first 42 days of a herds calving period, compared to a bull of gBV 0%. As an industry New Zealand has a tighter calving pattern and shorter calving interval than dairy industries worldwide, with a calving interval of 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.

68 515018 LYNBROOK
KRYPTON ET

HoofPrint®



gBW/Rel **301/91%**

Breeding Details

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

Production gBVs — 96 Daughters

Milk	1230 l	**Protein**	40 / 3.7	**Milkfat**	44 / 4.5
Somatic Cell Count	0.17	**Cow Calving Diff**	-0.2 / 73	**Heifer Calving Diff**	-1.5 / 65
Gestation Length	-3.7 days	**Body Condition**	0.05	**Functional Survival**	2.2 %
Fertility	3.9 %	**Liveweight**	46 kg	**Udder Overall**	0.33

NZ Evaluation Data — 83 Daughters TOP Inspected

Management	gBV	-0.5	0	0.5	1.0
Adapts to Milking	0.40				
Shed Temperament	0.40				
Milking Speed	0.14				
Overall Opinion	0.43				
Conformation	**gBV**	**-0.5**	**0**	**0.5**	**1.0**
Stature	0.17				
Capacity	0.92				
Rump Angle	-0.09				
Rump Width	0.34				
Legs	0.07				
Udder Support	0.25				
Front Udder	0.33				
Rear Udder	0.36				
Front Teat Placement	0.06				
Rear Teat Placement	0.02				
Teat Length	0.00				
Udder Overall	0.33				
Dairy Conformation	0.75				

LIC Initiatives

High Input	VMSI	A2 Protein
1316	1278	A1/A2

23/06/2022

UK PTA — SCI £ **91**

HOLSTEIN BASE	BV		BV
Milk kg	88	SCC	15
Fat kg	12.8	Lifespan	5
Fat %	0.18	Fertility Index	-
Protein kg	7.5	UK Daughters	0
Protein %	0.09	UK Herds	0

Source: AHDB April 2022

HoofPrint®

Nitrogen and Methane efficiency measure. .

Protein

A bull gBV of 40 kg indicates that the bull will produce daughters which on average, are genetically superior by 20 kg per 5T dry matter consumed, compared to a bull of gBV 0kg.

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 -0.2 can expect to have 0.1% less 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 2.2 should have 1.1% 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.

Liveweight

A gBV of 46 kg indicates the sire's daughters are expected to have a mature liveweight 23 kg heavier than those of a bull of gBV 0kg. As expected in an across-breed evaluation, Holstein Friesians have a higher (positive) gBV and Jerseys a lower (negative) gBV.

Shed Temperament

A gBV greater than 0.00 indicates that the bull will produce daughters with a more placid temperament than a bull with a gBV of 0.00. (For example, by using a bull with a shed temperament of 0.40 the raw score for his daughters on average is expected to be 6.28 + 0.20 = 6.48 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, nine 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 4 production traits and 5 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 nine 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.

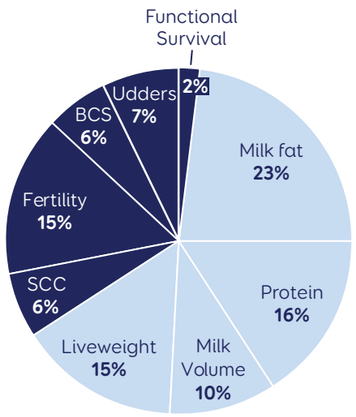
Economic Values (EV) represent the economic value of a trait to a dairy farmer and are usually updated annually. They are calculated using economic models accounting for revenue and costs on-farm. Because milk price fluctuates from year to year, a rolling average of historic, current, and forecast milk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

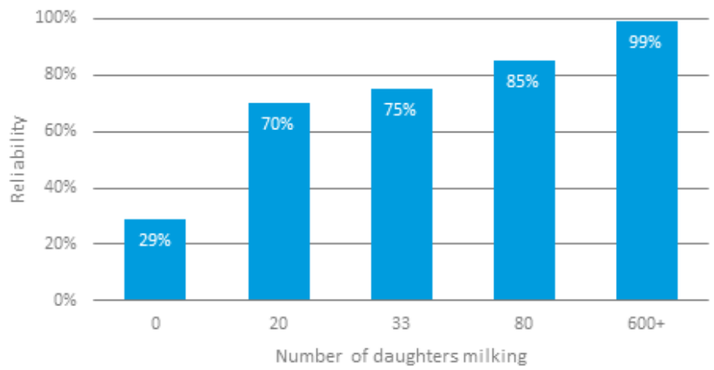
Fertility, Somatic Cell Score (SCS), Functional Survival (FS), Body Condition Score (BCS) and Udder Overall (UO) are referred to as Robustness traits. These traits have moderate to low heritability and are important for cow health and survival in the herd.

The 10-year average rate of genetic gain in NZ for Jersey, Friesian and FXJ breeds is >BW$13-16 per year. 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 reflects the degree of certainty that a BW estimation will not change if more data is added. The higher the reliability, the more certain we can be that the BW estimation reflects the animal's true genetic merit. 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.



(Dairy NZ 2022, <https://www.dairynz.co.nz/animal/animal-evaluation/interpreting-the-info/all-about-bw/>)

WHAT'S NEW IN BREEDING WORTH?

The latest on NZ animal evaluation enhancements.

Breeding Worth Traits

BW traits are divided into production efficiency and robustness traits.

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.

Fertility, Somatic Cell Score (SCS), Functional Survival, Udder Overall and Body Condition Score (BCS) are referred to as Robustness traits. These traits have moderate to low heritability and are important for cow health and survival in the herd.

Dec 2022 and April 2022 saw major enhancements to the NZAEL 3.0 model including changes to Fertility and Liveweight BV calculations, the swapping out of Residual Survival and Total Longevity for a new trait called Functional Survival (FS), and the addition of a new trait, Udder Overall, (UO). Teat Length BVs are now reported alongside the other management and conformation traits.

The 10-year average rate of genetic gain in NZ for Jersey, Friesian and FXJ breeds is >BW$13-16 per year. Animal efficiency is increasing, as evidenced by the national rise in average per cow production while average liveweight has remained relatively static.

Fertility BV changes

A revamp of the fertility model has increased the emphasis on fertility in BW by spreading the breeding values wider. This allows greater visibility of where the bulls sit in relation to the genetic base of 0.

The enhanced fertility index utilises key fertility phenotypes, including calving and insemination data recorded on first- calving to fourth-calving cows. There is less reliance on predictor traits.

One change for calving data is the use of Calving Season Day (CSD), in recognition of the better fertility of earlier calved cows within the block. The cow who calved in the first 3 weeks receives a higher fertility score than a cow that calved in week 5, for example. The definition for fertility BV will remain as CR42 (% calving within 42 days from the planned start of calving).

Functional Survival (FS) BV

Residual Survival (RS) and Total Longevity have been replaced with Functional Survival, (FS). Functional survival focuses on animals who remain in the herd longer than their contemporaries. Utilising new calculation methods and actual phenotypic records, this new trait is the average probability of survival from one lactation to the next, for reasons other than fertility and production. The trait BV is reported as a percentage compared to the Genetic Base of 0.

Given the nature of the trait, and the length of time it takes to obtain phenotypic records, (i.e., an animal surviving to fifth lactation), certain predictor traits are used to provide an early indication of functional survival. The predictor traits are body condition score, legs and udder-overall, collected during daughter TOP inspections in pedigree and sire-proving herds, and milking speed, a farmer-assessed trait.

Liveweight (Lwt) BV

Liveweight BV calculations now only use static weights. This change has resulted in more BV variation within breed. On average, Jerseys have increased in Lwt BV more than Friesians. Increased liveweight comes at a cost to production efficiency, reflected in BW.

Udder Overall (UO) BV

Udder conformation is important for good udder health and to help reduce the risk of udder failure.

Udder Overall BV combines 6 udder conformation traits scored by a certified assessor within contemporary groups in herds to create the BV.

The udder conformation traits relate to teat placement, teat length, front and rear udder attachment, suspensory ligament strength and udder depth. The Economic Value (EV) for UO is unusual, being the first non-linear EV in BW. It reflects the greater economic cost of negative BVs and the diminishing economic returns for improving positive BVs beyond +0.25.

Udder Overall was added to BW in April 2022 causing an adjustment to trait emphasis in BW to accommodate the new trait.

Teat Length BV (TOP)

Teat length is important for milking ease. For several years, phenotypic data has been collected on the teat length of sire proving first lactation heifers. This information, plus a desire to put more focus on teat length, has led to the release of the teat length breeding value. Teat length is moderately heritable in cattle with 35% of the observed variation in teat length due to additive genetic merit. The new trait allows farmers to assess teat length BV and breed towards their ideal length.

The trait is assessed in 2-year-old lactating cows. The rear teat length is scored on a scale of 1-9, where each increment equates to approximately 1 cm in teat length. A breeding value of 0 equates to a raw score of around 4. The recommended ideal length is TOP score 4-5.

A study of >3500 daughters of LIC bulls of BV -1, 0 and +1 showed an average phenotypic teat length difference of about 5-6 mm per 1 BV (shown below).

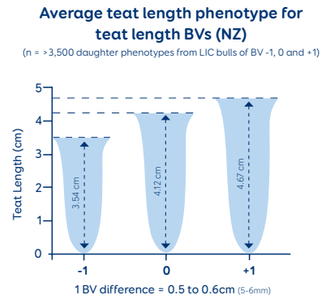


Figure 1. Average teat length for 2-year-old daughters of LIC bulls of BV -1, 0, and +1.

HERD IMPROVEMENT TOOL

Having easy care cows that last in the herd, are healthy and hassle free, produce well and get in calf every year without intervention, are key goals for any element of herd improvement.

How can LIC help with your herd improvement planning?

By keeping it simple and following the 3 B's: Breed from the best and beef to the rest. LIC has a fantastic herd improvement tool available that produces a report to help you make strategic breeding decisions to ensure continued improvement and profitability for your herd, generation after generation. It's essential to have a clear idea of the type of cow you want to be milking at the start, and then tailor your breeding plan to replicate this type of cow in your herd.

Data

Every day across the UK, herd data and information are being recorded on farm and used in many ways. What are you doing with your data? LIC can collate your relevant data into a single report which can then be used to provide a strategic breeding plan for you.

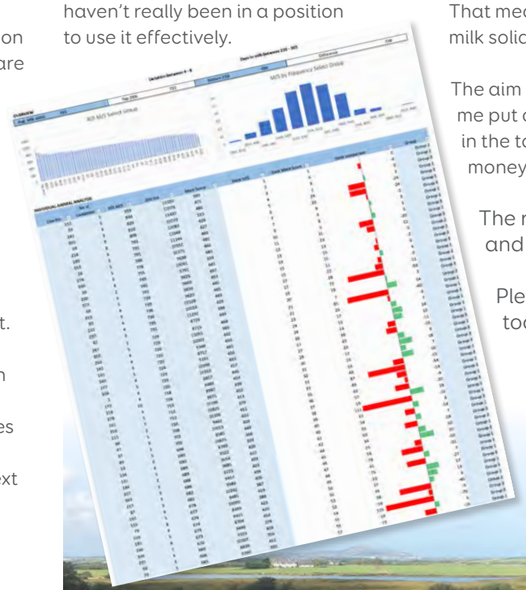
We'll utilise production information from your milk recording to identify the animals that are producing the maximum output for your milk contract. Using individual cow fertility, days in milk, liveweight and health information will help rank their efficiency for converting grass into milk. This ensures that your most efficient and profitable cows are identified to produce your next generation replacements.

Our report will identify the cows that are best suited to your system and provide a recommended sire match to ensure your cow's traits are enhanced in their progeny. This may sound complicated, but rest assured it isn't. Our reports can be tailored to suit your specific requirements, from simply identifying the poorer performing cows for a beef breeding option to offering an in-depth report focused at an individual cow level.

Rhys Williams, who farms in North Wales

and has been working with LIC for many years gathers a lot of information on his herds by milk recording regularly. He recognises the need to identify the most efficient cows and breeding from the top performing ones.

"I have a lot of data but to be honest I haven't really been in a position to use it effectively.



This is a very powerful tool, and I'm looking forward to integrating all my data so I can select from the best.

My aim is for each cow to do between 90 and 110% of her liveweight in milk solids each lactation.

That means between 475 and 510 kgs milk solids per cow.

The aim will be to use the tool to help me put an extra 10-20 kgs milk solids in the tank without spending more money."

The report is available right now and is free to run.

Please contact your FSM today for further information.

BEEF OPTIONS

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.

With over 50 years of breeding behind it, Shrimpton's Hill Hereford stud has dedicated the last 20 years to breeding the dairy farmer must have - short gestation length and calving ease.

The bonus of utilising SGL Hereford as opposed to the average Hereford bull is additional days in milk while still delivering a well marked, saleable beef calf.

Code	Name	Calving Ease DIR	Birth Weight	Gestation Length	Yearling Weight	Carcass Weight
819119	SHRIMPTONS HILL 180038	11.2	2.2	-8.9	43	39
		Top 5%	Top 25%	Top 1%	Top 90%	Top 90%

June 2022 Hereford BREEDPLAN

SGL Angus Beef

LIC have for many years been working with Rissington Cattle Company for the supply of Angus semen, which is selected for known traits that can make a real difference in cow herd profitability. The Angus herd has been in the Rissington family since 1936.

All animals are recorded on Breedplan and Leachman multibreed database of over one million animals.

Rissington herd was the first Angus herd in New Zealand to be fully genotyped, enhancing the accuracy of information. A number of the Rissington Cattle Company Angus sires have performed at the top of the Beef+Lamb NZ Progeny test scheme against the best Angus bulls from USA, Australia and New Zealand.

Code	Name	Calving Ease DIR	Birth Weight	Gestation Length	Yearling Weight	Carcass Weight
720072	RISSINGTON ADVANCE P117	5.8	0.8	-8.2	84	57
		Top 25%	Top 5%	Top 5%	Top 30%	Top 30%
720161	RISSINGTON 180073	7.2	1.5	-7.3	79	62
		Top 15%	Top 10%	Top 10%	Top 45%	Top 20%
720162	RISSINGTON 180091	9.5	-0.3	-6.7	76	55
		Top 5%	Top 1%	Top 15%	Top 55%	Top 35%

July 2022 TransTasman Angus Cattle Evaluation

VARIABLE MILKING SELECTION INDEX (VMSI)

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

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

LIC's Variable Milking Selection Index (VMSI) has been developed to help farmers breed animals most 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 nonnegotiable functional traits required for variable milking.

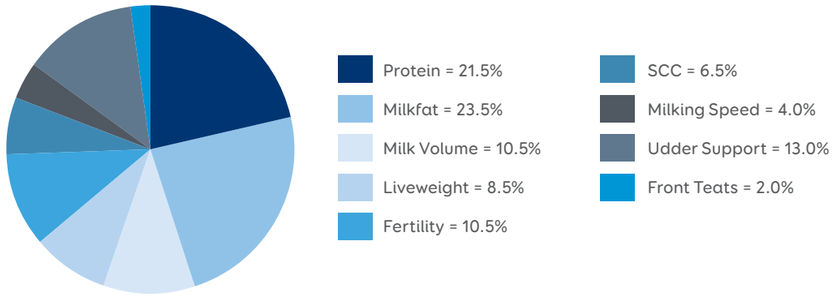
It reflects what farmers have told us is required in a desirable cow and takes into account the following traits:

- 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

HBN	Name	VMSI	gBW/Rel	Protein kg	Fat kg	Milk volume (litres)	Fertility %	Somatic Cell Count	Capacity	Milking Speed	Udder overall	Page
Holstein Friesian												
62 111012	Farside M Illustrious S3F	1356	343 / 99	41	51	763	-1.1	0.19	0.24	0.08	0.61	28
62 117057	Maire GL Graduate-ET	1353	340 / 87	40	40	523	-0.5	0.27	0.01	0.06	0.71	15
62 115062	Paalvasts MT Cyclone S2F	1324	339 / 92	30	52	727	2.9	0.02	0.23	0.44	0.44	17
62 115084	Greenwell SB Foray ET S3F	1311	217 / 98	45	28	1136	-4.3	-0.16	1.02	0.06	1.25	26
62 116019	Werders De Overtime S1F	1307	308 / 98	27	40	257	1.5	0.70	0.20	0.15	0.55	18
62 116118	Lightburn B Malbec-ET S3F	1304	313 / 91	35	35	526	1.6	-0.15	0.76	-0.29	1.19	21
KiwiCross®												
62 518038	Werders Premonition *	1435	481 / 89	28	62	200	-0.5	-0.48	0.63	0.29	0.66	35
68 515025	Speakes Slipstream ET *	1420	458 / 93	23	46	203	7.2	-0.26	0.53	0.23	1.07	44
62 518019	Diggs Hardcopy *	1392	484 / 85	29	51	297	7.8	-0.71	0.37	0.01	0.20	34
62 516066	Walton Inferno *	1387	451 / 92	32	39	247	4.9	-0.58	0.28	0.10	0.36	41
62 517055	Taramont Springtide	1380	303 / 91	42	45	886	-4.1	0.45	0.90	0.28	1.06	34
62 520048	Baldricks Touchdown	1380	447 / 57	25	46	-52	-0.5	-0.10	0.66	0.05	0.60	38
Jersey												
68 318009	Tironui Superman ET *	1445	495 / 91	25	55	-12	0.1	-0.18	0.50	0.06	0.72	53
68 318021	Glanton Desi Banff *	1376	493 / 91	17	48	-437	3.9	-0.53	0.63	0.07	0.26	53
68 317023	Shepherds LT Flint ET	1350	377 / 97	25	44	-102	-9.9	0.07	0.51	0.24	0.43	55
68 317060	Paspalum OI Limelight *	1339	379 / 86	10	29	-277	2.5	-0.18	0.32	0.15	0.95	54
68 316039	Ulmarra TT Gallivant *	1337	424 / 92	17	46	-115	6.2	-0.03	0.61	0.04	0.61	56
68 315045	Glenui Degree Hoss *	1332	414 / 96	12	34	-317	2.8	-0.51	0.28	0.20	0.66	58

* Sexed semen is available for Single AI use only. See page 3 for more information.
Publishing Date: 21/07/2022
LIC abides by the AHDB Dairy and Holstein UK established Code of Advertising

23/06/2022

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.

There is a range of SGL products available:

SGL Dairy

SGL Dairy is a team of bulls with a gestation length up to -20 days. When mated to a cow with normal gestation length, these bulls can reward you with a calving interval up to 10 days shorter than normal. The progeny of these SGL Dairy bulls cannot be kept as replacements.

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

HBN	Name	Gestation Length	gBW / Rel	Protein kg	Fat kg	Milk volume (litres)	Fertility %	Cow Calving Difficulty	Somatic Cell Count	Capacity	Udder overall	Page
Holstein Friesian												
62 113056	Langevelds FI Pin-Up S2F	-7.9	266 / 99	27	39	559	2.6	0.8 / 90	-0.24	0.30	0.07	28
62 116019	Werders De Overtime S1F	-7.7	308 / 98	27	40	257	1.5	1.3 / 98	0.70	0.20	0.55	18
62 111012	Farside M Illustrious S3F	-7.3	343 / 99	41	51	763	-1.1	0.9 / 97	0.19	0.24	0.61	28
62 116036	Arkan MGH Backdrop-ET S2F *	-6.7	249 / 99	25	24	192	5.7	0.1 / 97	0.05	0.36	0.24	18
62 112025	Farside FM Accomplice S3F	-5.8	227 / 91	23	32	200	2.4	1.5 / 69	0.26	0.19	0.24	28
62 118071	Glenmead SB Trapeze S1F *	-5.8	286 / 87	23	27	183	3.3	0.4 / 94	0.22	0.56	0.55	16
62 117078	Jareem MH Verdict S2F *	-5.5	198 / 89	27	27	254	-0.3	0.0 / 68	0.36	0.02	0.65	20
62 115048	Zinks GFB Bachelor ET	-5.4	233 / 92	33	32	843	4.6	-0.6 / 70	-0.12	0.61	0.27	26
KiwiCross®												
62 517055	Taramont Springtide	-10.4	303 / 91	42	45	886	-4.1	-0.3 / 91	0.45	0.90	1.06	34
68 514056	Tirohanga Take Note	-10.1	262 / 98	16	23	124	3.9	-0.8 / 90	0.07	0.92	0.32	48
62 513074	Schraders Tusk	-9.9	232 / 99	18	18	326	4.5	-1.0 / 96	-0.02	-0.06	0.14	48
62 512005	Just Once Cooper	-9.3	272 / 99	15	30	55	2.5	-0.7 / 98	0.18	-0.04	0.46	48
62 516070	Baldrick Trixster-ET *	-8.9	339 / 91	44	56	980	1.5	0.0 / 91	0.14	0.70	0.05	33
62 516066	Walton Inferno *	-8.4	451 / 92	32	39	247	4.9	-0.8 / 98	-0.58	0.28	0.36	41
62 516074	Crossans Critical-ET	-7.7	370 / 98	41	42	924	-3.4	-0.2 / 98	-0.28	0.72	0.51	40
62 518019	Diggs Hardcopy *	-7.6	484 / 85	29	51	297	7.8	-0.8 / 68	-0.71	0.37	0.20	34
62 518038	Werders Premonition *	-7.5	481 / 89	28	62	200	-0.5	-0.2 / 91	-0.48	0.63	0.66	35
Jersey												
68 318021	Glanton Desi Banff *	-7.7	493 / 91	17	48	-437	3.9	-1.0 / 95	-0.53	0.63	0.26	53
68 312057	Bells CM Conrad S2J	-6.8	297 / 99	16	26	7	8.9	-0.9 / 98	0.39	0.44	0.17	60
68 317034	Heuven Super Wiseguy *	-6.2	335 / 94	19	31	-170	3.8	-0.7 / 84	0.18	0.32	0.04	52
68 313017	Bonacord Murmurs Boswell	-5.8	302 / 91	-2	13	-403	9.4	-1.5 / 67	-0.05	0.34	0.24	60
68 310047	Upland Park HTA Mali S3J	-5.1	247 / 99	9	16	-88	-1.4	-1.5 / 87	-0.28	0.14	0.86	60

* Sexed semen is available for Single AI use only. See page 3 for more information.
Publishing Date: 21/07/2022
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23/06/2022

2022/23 Holstein Friesian

TOP 5 PERFORMERS

Breeding Worth
NZ Herd Holstein Friesian Average NZD$123

HBN	Name	BW$ / Rel	Page
62 111012	Farside M Illustrious S3F	343 / 99	28
62 117057	Maire GL Graduate-ET	340 / 87	15
62 115062	Paalvasts MT Cyclone S2F	339 / 92	17
62 118068	Bagworth GI Original S3F	327 / 86	28
62 116118	Lightburn B Malbec-ET S3F	313 / 91	21

£SCI
UK Spring Calving Index

HBN	Name	SCI £ / Rel	Page
62 108235	Mortensens We Awe-ET S3F	431 / 94	28
62 116036	Arkan MGH Backdrop-ET S2F *	396 / 60	18
62 115023	Tanglewood MT Kauri S2F	384 / 51	17
62 118071	Glenmead SB Trapeze S1F *	358 / 44	16
62 110006	Bagworth PF Grandeur S1F	357 / 95	24

Protein
NZ Herd Holstein Friesian Average 24 kg /3.78%

HBN	Name	Protein (kg / %)	Page
62 117019	McKenzie GF Comet S3F *	47 / 3.9	15
62 115084	Greenwell SB Foray ET S3F	45 / 3.8	26
62 111012	Farside M Illustrious S3F	41 / 4.0	28
62 113086	Maire IG Gauntlet-ET *	41 / 3.7	28
62 117057	Maire GL Graduate-ET	40 / 4.2	15

Fat
NZ Herd Holstein Friesian Average 19 kg / 4.54%

HBN	Name	Fat (kg / %)	Page
62 115062	Paalvasts MT Cyclone S2F	52 / 5.1	28
62 111012	Farside M Illustrious S3F	51 / 5.0	18
62 118068	Bagworth GI Original S3F	46 / 5.0	17
62 113083	Matapo SS Starfire S3F	42 / 5.1	16
62 116076	Meander BR Abraxas-ET S2F	41 / 4.7	24

Fertility
NZ Herd Holstein Friesian Average -0.5 %

HBN	Name	Fertility (%)	Page
62 115023	Tanglewood MT Kauri S2F	8.1	17
62 108235	Mortensens We Awe-ET S3F	7.9	28
62 108214	Bagworth RM Arasmus S2F	5.9	28
62 106219	Whinlea Dan Supersonic-ET	5.7	28
62 113009	Hazael SH Distinct-ET S1F	5.7	25

Milk Volume
NZ Herd Holstein Friesian Average 633 litres

HBN	Name	Volume (l)	Page
62 113086	Maire IG Gauntlet-ET *	1248	28
62 115084	Greenwell SB Foray ET S3F	1136	26
62 117019	McKenzie GF Comet S3F *	1064	15
62 116017	Pemberton GI Phase-ET S2F	1039	28
62 113058	Costers Politician S3F	959	28

SCC
NZ Herd Holstein Friesian Average 0.03

HBN	Name	SCC	Page
62 116065	Dicksons BG Mandate S1F	-0.39	20
62 113114	Riverheights GB Rogue S3F	-0.39	28
62 113053	Mitchells WT Typhoon S2F	-0.37	28
62 116076	Meander BR Abraxas-ET S2F	-0.35	16
62 115023	Tanglewood MT Kauri S2F	-0.34	17

Capacity
NZ Herd Holstein Friesian Average 0.18

HBN	Name	Capacity	Page
62 117019	McKenzie GF Comet S3F *	1.12	15
62 113086	Maire IG Gauntlet-ET *	1.04	28
62 115084	Greenwell SB Foray ET S3F	1.02	26
62 114057	Maire FI Golddigger	0.90	28
62 112032	Jacles Boy Jaks S2F	0.78	24

Udder Overall
NZ Herd Holstein Friesian Average 0.24

HBN	Name	Udder Overall	Page
62 113014	Spring Tralee Boss-ET S3F	1.35	28
62 115084	Greenwell SB Foray ET S3F	1.25	26
62 116118	Lightburn B Malbec-ET S3F	1.19	21
62 114057	Maire FI Golddigger	0.95	28
62 113086	Maire IG Gauntlet-ET *	0.92	28

Heifer Calving Difficulty
NZ Herd Holstein Friesian Average 1.9 %

HBN	Name	HCD / Rel	Page
62 116065	Dicksons BG Mandate S1F	-1.2 / 98	20
62 112032	Jacles Boy Jaks S2F	-1.1 / 98	24
62 118071	Glenmead SB Trapeze S1F *	-0.8 / 74	16
62 106083	Hazael MN Sweetdream S2F	-0.7 / 93	28
62 115017	Langevelds SRB Valour S2F	-0.6 / 66	22

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

Source: AHDB April 2022

23/06/2022

62 117019 MCKENZIE GF COMET S3F

HoofPrint®

gBW/Rel **256/88%**

Breeding Details

Split	F16
Sire	GREENWELL SB FORAY-ET S3F
MGS	FAIRMONT MINT-EDITION
MGGS	SRC LAKESIDE DG MAGIC

Production gBVs
84 Daughters

Milk	1064 l	Protein	47 / 3.9	Milkfat	37 / 4.5
Somatic Cell Count	-0.19	Cow Calving Diff	0.5 / 65	Heifer Calving Diff	3.7 / 28
Gestation Length	-4.5 days	Body Condition	0.14	Functional Survival	-0.1 %
Fertility	0.3 %	Liveweight	98 kg	Udder Overall	0.82

NZ Evaluation Data
73 Daughters TOP Inspected

Management	gBV	-0.5	0	0.5	1.0
Adapts to Milking	0.62				
Shed Temperament	0.65				
Milking Speed	0.01				
Overall Opinion	0.66				
Conformation	**gBV**	**-0.5**	**0**	**0.5**	**1.0**
Stature	1.04				
Capacity	1.12				
Rump Angle	0.16				
Rump Width	0.83				
Legs	-0.01				
Udder Support	0.72				
Front Udder	0.84				
Rear Udder	0.61				
Front Teat Placement	0.51				
Rear Teat Placement	0.93				
Teat Length	-0.59				
Udder Overall	0.82				
Dairy Conformation	1.32				

LIC Initiatives

High Input	VMSI	A2 Protein
1328	1287	A2/A2

23/06/2022

UK PTA
SCI £/REL % **232/50**

HOLSTEIN BASE	BV		BV
Milk kg	68	SCC	3
Fat kg	8.4	Lifespan	3
Fat %	0.11	Fertility Index	5.9
Protein kg	11.6	UK Daughters	0
Protein %	0.18	UK Herds	0

Source: AHDB April 2022

62 117057 MAIRE GL GRADUATE-ET

HoofPrint®

gBW/Rel **340/87%**

Breeding Details

Split	F16
Sire	GORDONS AM LANCELOT S3F
MGS	FARSIDE M ILLUSTRIOUS S3F
MGGS	SRD WHINLEA KL ECLIPSE-ET

Production gBVs
79 Daughters

Milk	523 l	Protein	40 / 4.2	Milkfat	40 / 5.0
Somatic Cell Count	0.27	Cow Calving Diff	1.2 / 90	Heifer Calving Diff	5.2 / 35
Gestation Length	-0.2 days	Body Condition	0.00	Functional Survival	3.3 %
Fertility	-0.5 %	Liveweight	32 kg	Udder Overall	0.71

NZ Evaluation Data
74 Daughters TOP Inspected

Management	gBV	-0.5	0	0.5	1.0
Adapts to Milking	0.07				
Shed Temperament	0.08				
Milking Speed	0.06				
Overall Opinion	0.04				
Conformation	**gBV**	**-0.5**	**0**	**0.5**	**1.0**
Stature	0.65				
Capacity	0.01				
Rump Angle	-0.24				
Rump Width	0.19				
Legs	-0.04				
Udder Support	0.82				
Front Udder	0.69				
Rear Udder	0.61				
Front Teat Placement	0.26				
Rear Teat Placement	1.10				
Teat Length	-1.30				
Udder Overall	0.71				
Dairy Conformation	0.19				

LIC Initiatives

High Input	VMSI	A2 Protein
1374	1353	A1/A1

23/06/2022

UK PTA
SCI £/REL % **319/48**

HOLSTEIN BASE	BV		BV
Milk kg	-176	SCC	19
Fat kg	11.8	Lifespan	0
Fat %	0.4	Fertility Index	0.5
Protein kg	9.9	UK Daughters	0
Protein %	0.33	UK Herds	0

Source: AHDB April 2022

62 118071 GLENMEAD SB TRAPEZE S1F

HoofPrint®

gBW/Rel **286/87%**

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

Production gBVs — 149 Daughters

Milk	183 l	Protein	23 / 4.1	Milkfat	27 / 5.1
Somatic Cell Count	0.22	Cow Calving Diff	0.4 / 94	Heifer Calving Diff	-0.8 / 74
Gestation Length	-5.8 days	Body Condition	0.12	Functional Survival	4.0 %
Fertility	3.3 %	Liveweight	11 kg	Udder Overall	0.55

NZ Evaluation Data — 62 Daughters TOP Inspected

Management	gBV	-0.5	0	0.5	1.0
Adapts to Milking	0.28				
Shed Temperament	0.29				
Milking Speed	0.12				
Overall Opinion	0.33				
Conformation	**gBV**	**-0.5**	**0**	**0.5**	**1.0**
Stature	0.08				
Capacity	0.56				
Rump Angle	0.50				
Rump Width	0.21				
Legs	0.08				
Udder Support	0.53				
Front Udder	0.44				
Rear Udder	0.36				
Front Teat Placement	0.38				
Rear Teat Placement	0.64				
Teat Length	-1.04				
Udder Overall	0.55				
Dairy Conformation	0.34				

LIC Initiatives

High Input	VMSI	A2 Protein
1290	1256	A2/A2

23/06/2022

UK PTA — SCI £/REL % **358/44**

HOLSTEIN BASE	BV		BV
Milk kg	-155	SCC	18
Fat kg	9.1	Lifespan	0
Fat %	0.32	Fertility Index	9.2
Protein kg	6.8	UK Daughters	0
Protein %	0.25	UK Herds	0

Source: AHDB April 2022

62 116076 MEANDER BR ABRAXAS-ET S2F

HoofPrint®

gBW/Rel **285/91%**

Breeding Details	
Split	F16
Sire	BUSY BROOK REVITUP-ET S2F
MGS	FAIRMONT MINT-EDITION
MGGS	MACFARLANES DAUNTLESS

Production gBVs — 104 Daughters

Milk	930 l	Protein	39 / 3.9	Milkfat	41 / 4.7
Somatic Cell Count	-0.35	Cow Calving Diff	1.1 / 88	Heifer Calving Diff	4.1 / 68
Gestation Length	-0.4 days	Body Condition	0.14	Functional Survival	2.5 %
Fertility	-3.9 %	Liveweight	49 kg	Udder Overall	0.23

NZ Evaluation Data — 92 Daughters TOP Inspected

Management	gBV	-0.5	0	0.5	1.0
Adapts to Milking	0.59				
Shed Temperament	0.62				
Milking Speed	-0.08				
Overall Opinion	0.62				
Conformation	**gBV**	**-0.5**	**0**	**0.5**	**1.0**
Stature	0.38				
Capacity	0.68				
Rump Angle	0.37				
Rump Width	0.49				
Legs	0.14				
Udder Support	0.38				
Front Udder	-0.06				
Rear Udder	0.18				
Front Teat Placement	0.28				
Rear Teat Placement	0.99				
Teat Length	-0.02				
Udder Overall	0.23				
Dairy Conformation	0.58				

LIC Initiatives

High Input	VMSI	A2 Protein
1293	1282	A2/A2

23/06/2022

UK PTA — SCI £/REL % **250/53**

HOLSTEIN BASE	BV		BV
Milk kg	2	SCC	0
Fat kg	12.4	Lifespan	39
Fat %	0.24	Fertility Index	-1.5
Protein kg	9.3	UK Daughters	0
Protein %	0.18	UK Herds	0

Source: AHDB April 2022

62 115062 PAALVASTS MT CYCLONE S2F

HoofPrint®

gBW/Rel **339/92%**

Breeding Details	
Split	F16
Sire	MITCHELLS WT TYPHOON S2F
MGS	FAIRMONT MINT-EDITION
MGGS	REILLYS MIGHT S1F

Production gBVs — 116 Daughters

Milk	727 l	Protein	30 / 3.8	Milkfat	52 / 5.1
Somatic Cell Count	0.02	Cow Calving Diff	0.0 / 88	Heifer Calving Diff	0.6 / 92
Gestation Length	-2.8 days	Body Condition	0.02	Functional Survival	2.5 %
Fertility	2.9 %	Liveweight	45 kg	Udder Overall	0.44

NZ Evaluation Data — 101 Daughters TOP Inspected

Management	gBV	-0.5	0	0.5	1.0
Adapts to Milking	0.43				
Shed Temperament	0.42				
Milking Speed	0.44				
Overall Opinion	0.56				
Conformation	**gBV**	**-0.5**	**0**	**0.5**	**1.0**
Stature	0.76				
Capacity	0.23				
Rump Angle	-0.17				
Rump Width	0.25				
Legs	-0.06				
Udder Support	0.44				
Front Udder	0.14				
Rear Udder	0.31				
Front Teat Placement	0.23				
Rear Teat Placement	0.13				
Teat Length	0.19				
Udder Overall	0.44				
Dairy Conformation	0.29				

LIC Initiatives

High Input	VMSI	A2 Protein
1341	1324	A1/A1

23/06/2022

UK PTA — SCI £/REL % **295/53**

HOLSTEIN BASE	BV		BV
Milk kg	-79	SCC	7
Fat kg	13.4	Lifespan	64
Fat %	0.34	Fertility Index	5.4
Protein kg	5.7	UK Daughters	0
Protein %	0.17	UK Herds	0

Source: AHDB April 2022

62 115023 TANGLEWOOD MT KAURI S2F

HoofPrint®

gBW/Rel **284/92%**

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

Production gBVs — 245 Daughters

Milk	226 l	Protein	20 / 4.0	Milkfat	32 / 5.2
Somatic Cell Count	-0.34	Cow Calving Diff	1.3 / 76	Heifer Calving Diff	2.1 / 31
Gestation Length	-0.4 days	Body Condition	0.20	Functional Survival	3.5 %
Fertility	8.1 %	Liveweight	58 kg	Udder Overall	0.31

NZ Evaluation Data — 72 Daughters TOP Inspected

Management	gBV	-0.5	0	0.5	1.0
Adapts to Milking	0.34				
Shed Temperament	0.34				
Milking Speed	0.08				
Overall Opinion	0.44				
Conformation	**gBV**	**-0.5**	**0**	**0.5**	**1.0**
Stature	0.74				
Capacity	0.25				
Rump Angle	-0.68				
Rump Width	0.12				
Legs	-0.12				
Udder Support	0.31				
Front Udder	0.26				
Rear Udder	0.33				
Front Teat Placement	-0.04				
Rear Teat Placement	-0.11				
Teat Length	0.41				
Udder Overall	0.31				
Dairy Conformation	0.32				

LIC Initiatives

High Input	VMSI	A2 Protein
1264	1224	A1/A2

23/06/2022

UK PTA — SCI £/REL % **384/51**

HOLSTEIN BASE	BV		BV
Milk kg	-183	SCC	3
Fat kg	9.6	Lifespan	36
Fat %	0.36	Fertility Index	11.1
Protein kg	6	UK Daughters	0
Protein %	0.25	UK Herds	0

Source: AHDB April 2022

62 116019 WERDERS DE OVERTIME S1F

HoofPrint®

Nitrogen Efficiency

Methane Efficiency

gBW/Rel **308/98%**

Breeding Details

Split	F16
Sire	DICKSONS SHADE EMPIRE S1F
MGS	FARSIDE M ILLUSTRIOUS S3F
MGGS	BURCHS ST MORITZ S1F

Production gBVs — 2096 Daughters

Milk	257 l	Protein	27 / 4.1	Milkfat	40 / 5.3
Somatic Cell Count	0.70	Cow Calving Diff	1.3 / 98	Heifer Calving Diff	6.3 / 68
Gestation Length	-7.7 days	Body Condition	-0.06	Functional Survival	1.7 %
Fertility	1.5 %	Liveweight	9 kg	Udder Overall	0.55

NZ Evaluation Data — 103 Daughters TOP Inspected

Management	gBV	-0.5	0	0.5	1.0
Adapts to Milking	0.33				
Shed Temperament	0.33				
Milking Speed	0.15				
Overall Opinion	0.47				
Conformation	**gBV**	**-0.5**	**0**	**0.5**	**1.0**
Stature	-0.20				
Capacity	0.20				
Rump Angle	-0.06				
Rump Width	-0.03				
Legs	-0.19				
Udder Support	0.68				
Front Udder	0.18				
Rear Udder	0.65				
Front Teat Placement	-0.03				
Rear Teat Placement	0.19				
Teat Length	-0.37				
Udder Overall	0.55				
Dairy Conformation	0.29				

LIC Initiatives

High Input	VMSI	A2 Protein
1337	1307	A2/A2

23/06/2022

UK PTA — SCI £/REL % 309/56

HOLSTEIN BASE	BV		BV
Milk kg	-200	SCC	27
Fat kg	11.5	Lifespan	-27
Fat %	0.41	Fertility Index	1.4
Protein kg	6.9	UK Daughters	0
Protein %	0.28	UK Herds	0

Source: AHDB April 2022

62 116036 ARKAN MGH BACKDROP-ET S2F

HoofPrint®

Nitrogen Efficiency

Methane Efficiency

gBW/Rel **249/99%**

Breeding Details

Split	F15J1
Sire	MOURNE GROVE HOTHOUSE S2F
MGS	FAIRMONT MINT-EDITION
MGGS	SRC HIBI SECRET SKELTON

Production gBVs — 3816 Daughters

Milk	192 l	Protein	25 / 4.2	Milkfat	24 / 5.1
Somatic Cell Count	0.05	Cow Calving Diff	0.1 / 97	Heifer Calving Diff	0.0 / 96
Gestation Length	-6.7 days	Body Condition	0.54	Functional Survival	3.9 %
Fertility	5.7 %	Liveweight	79 kg	Udder Overall	0.24

NZ Evaluation Data — 122 Daughters TOP Inspected

Management	gBV	-0.5	0	0.5	1.0
Adapts to Milking	0.52				
Shed Temperament	0.52				
Milking Speed	0.28				
Overall Opinion	0.59				
Conformation	**gBV**	**-0.5**	**0**	**0.5**	**1.0**
Stature	0.54				
Capacity	0.36				
Rump Angle	-0.10				
Rump Width	-0.06				
Legs	-0.10				
Udder Support	0.22				
Front Udder	0.29				
Rear Udder	-0.04				
Front Teat Placement	0.22				
Rear Teat Placement	0.03				
Teat Length	0.42				
Udder Overall	0.24				
Dairy Conformation	0.21				

LIC Initiatives

High Input	VMSI	A2 Protein
1227	1181	A1/A2

23/06/2022

UK PTA — SCI £/REL % 396/60

HOLSTEIN BASE	BV		BV
Milk kg	-235	SCC	9
Fat kg	5	Lifespan	-9
Fat %	0.31	Fertility Index	9.4
Protein kg	5.5	UK Daughters	0
Protein %	0.28	UK Herds	0

Source: AHDB April 2022

62 117035 BELLAMY'S MH GAMBIT-ET S2F

HoofPrint®

Nitrogen Efficiency

Methane Efficiency

gBW/Rel **217/97%**

Breeding Details

Split	F16
Sire	MOURNE GROVE HOTHOUSE S2F
MGS	VALDEN HI APPLAUSE-ET S2F
MGGS	SRC LAKESIDE DG MAGIC

Production gBVs — 1888 Daughters

Milk	805 l	Protein	31 / 3.8	Milkfat	28 / 4.6
Somatic Cell Count	0.22	Cow Calving Diff	2.0 / 92	Heifer Calving Diff	1.5 / 67
Gestation Length	-4.0 days	Body Condition	0.37	Functional Survival	5.4 %
Fertility	2.3 %	Liveweight	72 kg	Udder Overall	0.53

NZ Evaluation Data — 98 Daughters TOP Inspected

Management	gBV	-0.5	0	0.5	1.0
Adapts to Milking	0.43				
Shed Temperament	0.44				
Milking Speed	0.10				
Overall Opinion	0.58				
Conformation	**gBV**	**-0.5**	**0**	**0.5**	**1.0**
Stature	0.61				
Capacity	0.19				
Rump Angle	-0.13				
Rump Width	0.17				
Legs	-0.14				
Udder Support	0.52				
Front Udder	0.36				
Rear Udder	0.40				
Front Teat Placement	0.12				
Rear Teat Placement	-0.09				
Teat Length	0.01				
Udder Overall	0.53				
Dairy Conformation	0.18				

LIC Initiatives

High Input	VMSI	A2 Protein
1230	1187	A2/A2

23/06/2022

UK PTA — SCI £/REL % 302/55

HOLSTEIN BASE	BV		BV
Milk kg	56	SCC	14
Fat kg	7.7	Lifespan	12
Fat %	0.1	Fertility Index	6.3
Protein kg	8.5	UK Daughters	0
Protein %	0.13	UK Herds	0

Source: AHDB April 2022

62 116122 SPRING TRALEE BASS-ET S2F

HoofPrint®

Nitrogen Efficiency

Methane Efficiency

gBW/Rel **284/98%**

Breeding Details

Split	F15J1
Sire	MOURNE GROVE HOTHOUSE S2F
MGS	FAIRMONT MINT-EDITION
MGGS	SRC HIBI SECRET SKELTON

Production gBVs — 1943 Daughters

Milk	859 l	Protein	36 / 3.8	Milkfat	28 / 4.5
Somatic Cell Count	-0.09	Cow Calving Diff	0.3 / 92	Heifer Calving Diff	1.0 / 70
Gestation Length	-3.7 days	Body Condition	0.20	Functional Survival	2.6 %
Fertility	3.6 %	Liveweight	23 kg	Udder Overall	0.22

NZ Evaluation Data — 85 Daughters TOP Inspected

Management	gBV	-0.5	0	0.5	1.0
Adapts to Milking	0.35				
Shed Temperament	0.36				
Milking Speed	-0.02				
Overall Opinion	0.40				
Conformation	**gBV**	**-0.5**	**0**	**0.5**	**1.0**
Stature	-0.03				
Capacity	0.65				
Rump Angle	-0.20				
Rump Width	0.05				
Legs	-0.03				
Udder Support	0.16				
Front Udder	0.09				
Rear Udder	0.12				
Front Teat Placement	0.21				
Rear Teat Placement	0.08				
Teat Length	-0.21				
Udder Overall	0.22				
Dairy Conformation	0.48				

LIC Initiatives

High Input	VMSI	A2 Protein
1273	1240	A1/A2

23/06/2022

UK PTA — SCI £/REL % 303/60

HOLSTEIN BASE	BV		BV
Milk kg	50	SCC	6
Fat kg	6	Lifespan	27
Fat %	0.08	Fertility Index	6.7
Protein kg	9.1	UK Daughters	0
Protein %	0.15	UK Herds	0

Source: AHDB April 2022

62 116065 DICKSONS BG MANDATE S1F

HoofPrint®

gBW/Rel **243/99%**

Breeding Details	
Split	F16
Sire	BAGWORTH PF GRANDEUR S1F
MGS	CARSONS MECCA PULSE S1F
MGGS	FAIRMONT MINT-EDITION

Production gBVs — 5840 Daughters

Milk	141 l	Protein	18 / 4.1	Milkfat	26 / 5.1
Somatic Cell Count	-0.39	Cow Calving Diff	-0.6 / 96	Heifer Calving Diff	-1.2 / 98
Gestation Length	-2.2 days	Body Condition	-0.04	Functional Survival	0.6 %
Fertility	0.4 %	Liveweight	8 kg	Udder Overall	0.60

NZ Evaluation Data — 193 Daughters TOP Inspected

Management	gBV	-0.5	0	0.5	1.0
Adapts to Milking	0.18				
Shed Temperament	0.20				
Milking Speed	-0.27				
Overall Opinion	0.18				
Conformation	**gBV**	**-0.5**	**0**	**0.5**	**1.0**
Stature	0.35				
Capacity	0.33				
Rump Angle	0.13				
Rump Width	0.67				
Legs	0.07				
Udder Support	0.50				
Front Udder	0.82				
Rear Udder	0.30				
Front Teat Placement	0.42				
Rear Teat Placement	0.65				
Teat Length	-0.37				
Udder Overall	0.60				
Dairy Conformation	0.46				

LIC Initiatives

High Input	VMSI	A2 Protein
1252	1232	A2/A2

23/06/2022

UK PTA — SCI £/REL % **316/62**

HOLSTEIN BASE	BV		BV
Milk kg	-343	SCC	-5
Fat kg	3.6	Lifespan	36
Fat %	0.39	Fertility Index	5.6
Protein kg	1.5	UK Daughters	0
Protein %	0.28	UK Herds	0

Source: AHDB April 2022

62 117078 JAREEM MH VERDICT S2F

HoofPrint®

gBW/Rel **198/89%**

Breeding Details	
Split	F16
Sire	MOURNE GROVE HOTHOUSE S2F
MGS	ROS MHOR TEF SHADOW S1F
MGGS	FAIRMONT MINT-EDITION

Production gBVs — 102 Daughters

Milk	254 l	Protein	26 / 4.1	Milkfat	27 / 5.0
Somatic Cell Count	0.36	Cow Calving Diff	0.0 / 68	Heifer Calving Diff	1.3 / 35
Gestation Length	-5.5 days	Body Condition	0.08	Functional Survival	1.3 %
Fertility	-0.3 %	Liveweight	53 kg	Udder Overall	0.65

NZ Evaluation Data — 93 Daughters TOP Inspected

Management	gBV	-0.5	0	0.5	1.0
Adapts to Milking	0.19				
Shed Temperament	0.18				
Milking Speed	0.14				
Overall Opinion	0.30				
Conformation	**gBV**	**-0.5**	**0**	**0.5**	**1.0**
Stature	0.89				
Capacity	0.02				
Rump Angle	0.34				
Rump Width	0.17				
Legs	-0.14				
Udder Support	0.63				
Front Udder	0.88				
Rear Udder	0.42				
Front Teat Placement	0.08				
Rear Teat Placement	0.00				
Teat Length	-0.67				
Udder Overall	0.65				
Dairy Conformation	0.23				

LIC Initiatives

High Input	VMSI	A2 Protein
1237	1211	A2/A2

23/06/2022

UK PTA — SCI £/REL % **246/52**

HOLSTEIN BASE	BV		BV
Milk kg	-125	SCC	18
Fat kg	6.6	Lifespan	-12
Fat %	0.24	Fertility Index	2.3
Protein kg	7.7	UK Daughters	0
Protein %	0.24	UK Herds	0

Source: AHDB April 2022

62 116066 DICKSONS GI ESCALADE S3F

HoofPrint®

gBW/Rel **203/90%**

Breeding Details	
Split	F15J1
Sire	GYDELAND EXCEL INCA S3F
MGS	FAIRMONT MINT-EDITION
MGGS	SRB NGAIO HUGO FLUKE

Production gBVs — 84 Daughters

Milk	426 l	Protein	24 / 4.0	Milkfat	28 / 4.9
Somatic Cell Count	0.14	Cow Calving Diff	2.4 / 82	Heifer Calving Diff	2.3 / 36
Gestation Length	4.1 days	Body Condition	0.16	Functional Survival	3.5 %
Fertility	2.3 %	Liveweight	63 kg	Udder Overall	0.56

NZ Evaluation Data — 75 Daughters TOP Inspected

Management	gBV	-0.5	0	0.5	1.0
Adapts to Milking	0.12				
Shed Temperament	0.12				
Milking Speed	0.00				
Overall Opinion	0.33				
Conformation	**gBV**	**-0.5**	**0**	**0.5**	**1.0**
Stature	0.91				
Capacity	0.36				
Rump Angle	-0.30				
Rump Width	0.74				
Legs	-0.18				
Udder Support	0.57				
Front Udder	0.46				
Rear Udder	0.57				
Front Teat Placement	0.13				
Rear Teat Placement	0.44				
Teat Length	0.53				
Udder Overall	0.56				
Dairy Conformation	0.52				

LIC Initiatives

High Input	VMSI	A2 Protein
1229	1192	A1/A2

23/06/2022

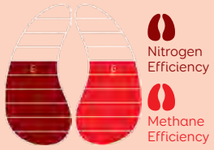
UK PTA — SCI £/REL % **238/56**

HOLSTEIN BASE	BV		BV
Milk kg	-183	SCC	12
Fat kg	6.5	Lifespan	18
Fat %	0.29	Fertility Index	5.6
Protein kg	5	UK Daughters	0
Protein %	0.23	UK Herds	0

Source: AHDB April 2022

62 116118 LIGHTBURN B MALBEC-ET S3F

HoofPrint®



gBW/Rel **313/91%**

Breeding Details	
Split	F15J1
Sire	SAN RAY FM BEAMER-ET S2F
MGS	WOODCOTE TF MAXIMISER
MGGS	SRD JENERAYTIONS BANQUET

Production gBVs — 100 Daughters

Milk	526 l	Protein	35 / 4.1	Milkfat	35 / 4.9
Somatic Cell Count	-0.15	Cow Calving Diff	4.6 / 90	Heifer Calving Diff	2.6 / 43
Gestation Length	-0.3 days	Body Condition	0.28	Functional Survival	3.3 %
Fertility	1.6 %	Liveweight	66 kg	Udder Overall	1.19

NZ Evaluation Data — 93 Daughters TOP Inspected

Management	gBV	-0.5	0	0.5	1.0
Adapts to Milking	0.42				
Shed Temperament	0.45				
Milking Speed	-0.29				
Overall Opinion	0.44				
Conformation	**gBV**	**-0.5**	**0**	**0.5**	**1.0**
Stature	0.79				
Capacity	0.76				
Rump Angle	-0.22				
Rump Width	0.35				
Legs	-0.08				
Udder Support	0.94				
Front Udder	1.05				
Rear Udder	0.84				
Front Teat Placement	0.66				
Rear Teat Placement	0.46				
Teat Length	-0.27				
Udder Overall	1.19				
Dairy Conformation	0.85				

LIC Initiatives

High Input	VMSI	A2 Protein
1365	1304	A1/A2

23/06/2022

UK PTA — SCI £/REL % **347/54**

HOLSTEIN BASE	BV		BV
Milk kg	-127	SCC	0
Fat kg	9.1	Lifespan	27
Fat %	0.3	Fertility Index	5.9
Protein kg	8.8	UK Daughters	0
Protein %	0.27	UK Herds	0

Source: AHDB April 2022

Holstein Friesian | Premier Bulls

62 115017 LANGEVELDS SRB VALOUR S2F

HoofPrint®

gBW/Rel **200/98%**

Breeding Details	
Split	F15J1
Sire	SAN RAY FM BEAMER-ET S2F
MGS	HAZAEL VA RAZZLER-ET S2F
MGGS	MITCHELLS NOTEWORTHY S1F

Production gBVs — 1624 Daughters

Milk	829 l	Protein	32 / 3.8	Milkfat	36 / 4.7
Somatic Cell Count	0.18	Cow Calving Diff	0.0 / 86	Heifer Calving Diff	-0.6 / 66
Gestation Length	-1.2 days	Body Condition	0.18	Functional Survival	2.9 %
Fertility	0.7 %	Liveweight	85 kg	Udder Overall	0.44

NZ Evaluation Data — 85 Daughters TOP Inspected

Management	gBV	-0.5 0 0.5 1.0
Adapts to Milking	-0.24	
Shed Temperament	-0.28	
Milking Speed	0.44	
Overall Opinion	0.06	
Conformation	**gBV**	**-0.5 0 0.5 1.0**
Stature	0.93	
Capacity	0.53	
Rump Angle	0.18	
Rump Width	0.60	
Legs	0.08	
Udder Support	0.44	
Front Udder	0.59	
Rear Udder	0.36	
Front Teat Placement	-0.12	
Rear Teat Placement	-0.29	
Teat Length	0.01	
Udder Overall	0.44	
Dairy Conformation	0.46	

LIC Initiatives

High Input	VMSI	A2 Protein
1231	1203	A1/A1

23/06/2022

UK PTA — SCI £/REL % **257/58**

HOLSTEIN BASE	BV		BV
Milk kg	-56	SCC	14
Fat kg	10	Lifespan	48
Fat %	0.25	Fertility Index	5.9
Protein kg	6.4	UK Daughters	0
Protein %	0.17	UK Herds	0

Source: AHDB April 2022

62 116108 BUSY BROOK MGH MORDOR S2F

HoofPrint®

gBW/Rel **285/91%**

Breeding Details	
Split	F16
Sire	MOURNE GROVE HOTHOUSE S2F
MGS	VALDEN HI APPLAUSE-ET S2F
MGGS	MACFARLANES DAUNTLESS

Production gBVs — 110 Daughters

Milk	875 l	Protein	32 / 3.8	Milkfat	27 / 4.5
Somatic Cell Count	-0.11	Cow Calving Diff	0.9 / 79	Heifer Calving Diff	1.7 / 39
Gestation Length	-0.4 days	Body Condition	0.35	Functional Survival	5.4 %
Fertility	3.0 %	Liveweight	30 kg	Udder Overall	0.59

NZ Evaluation Data — 102 Daughters TOP Inspected

Management	gBV	-0.5 0 0.5 1.0
Adapts to Milking	0.24	
Shed Temperament	0.25	
Milking Speed	-0.07	
Overall Opinion	0.40	
Conformation	**gBV**	**-0.5 0 0.5 1.0**
Stature	0.67	
Capacity	0.16	
Rump Angle	-0.05	
Rump Width	-0.26	
Legs	-0.37	
Udder Support	0.67	
Front Udder	0.31	
Rear Udder	0.37	
Front Teat Placement	0.30	
Rear Teat Placement	0.45	
Teat Length	-0.31	
Udder Overall	0.59	
Dairy Conformation	0.21	

LIC Initiatives

High Input	VMSI	A2 Protein
1286	1249	A2/A2

23/06/2022

UK PTA — SCI £/REL % **293/54**

HOLSTEIN BASE	BV		BV
Milk kg	78	SCC	3
Fat kg	5.7	Lifespan	36
Fat %	0.05	Fertility Index	6.5
Protein kg	8.5	UK Daughters	0
Protein %	0.11	UK Herds	0

Source: AHDB April 2022

62 115021 GORDONS AM LANCELOT S3F

HoofPrint®

gBW/Rel **295/99%**

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

Production gBVs — 3005 Daughters

Milk	575 l	Protein	36 / 4.1	Milkfat	33 / 4.9
Somatic Cell Count	0.06	Cow Calving Diff	0.9 / 99	Heifer Calving Diff	5.1 / 81
Gestation Length	-2.0 days	Body Condition	0.14	Functional Survival	3.4 %
Fertility	-0.9 %	Liveweight	29 kg	Udder Overall	0.31

NZ Evaluation Data — 137 Daughters TOP Inspected

Management	gBV	-0.5 0 0.5 1.0
Adapts to Milking	0.31	
Shed Temperament	0.32	
Milking Speed	0.12	
Overall Opinion	0.23	
Conformation	**gBV**	**-0.5 0 0.5 1.0**
Stature	0.56	
Capacity	0.57	
Rump Angle	0.27	
Rump Width	0.50	
Legs	0.00	
Udder Support	0.48	
Front Udder	0.50	
Rear Udder	0.17	
Front Teat Placement	0.00	
Rear Teat Placement	0.58	
Teat Length	-1.10	
Udder Overall	0.31	
Dairy Conformation	0.56	

LIC Initiatives

High Input	VMSI	A2 Protein
1304	1283	A1/A1

23/06/2022

UK PTA — SCI £/REL % **321/59**

HOLSTEIN BASE	BV		BV
Milk kg	-89	SCC	8
Fat kg	9.6	Lifespan	45
Fat %	0.27	Fertility Index	2.1
Protein kg	9.3	UK Daughters	0
Protein %	0.25	UK Herds	0

Source: AHDB April 2022

62 116124 SPRING TRALEE BEAT-ET S1F

HoofPrint®

gBW/Rel **271/98%**

Breeding Details	
Split	F15J1
Sire	MORRIS TF LAMONT S1F
MGS	FAIRMONT MINT-EDITION
MGGS	SRC HIBI SECRET SKELTON

Production gBVs — 2247 Daughters

Milk	714 l	Protein	34 / 3.9	Milkfat	33 / 4.7
Somatic Cell Count	0.34	Cow Calving Diff	0.4 / 78	Heifer Calving Diff	1.4 / 68
Gestation Length	-3.5 days	Body Condition	0.28	Functional Survival	2.5 %
Fertility	-3.3 %	Liveweight	7 kg	Udder Overall	-0.08

NZ Evaluation Data — 96 Daughters TOP Inspected

Management	gBV	-0.5 0 0.5 1.0
Adapts to Milking	0.43	
Shed Temperament	0.42	
Milking Speed	0.57	
Overall Opinion	0.58	
Conformation	**gBV**	**-0.5 0 0.5 1.0**
Stature	-0.15	
Capacity	0.32	
Rump Angle	0.52	
Rump Width	-0.15	
Legs	0.16	
Udder Support	0.17	
Front Udder	-0.03	
Rear Udder	0.29	
Front Teat Placement	-0.56	
Rear Teat Placement	0.04	
Teat Length	-0.53	
Udder Overall	-0.08	
Dairy Conformation	0.32	

LIC Initiatives

High Input	VMSI	A2 Protein
1256	1247	A2/A2

23/06/2022

UK PTA — SCI £/REL % **319/62**

HOLSTEIN BASE	BV		BV
Milk kg	-71	SCC	20
Fat kg	7.8	Lifespan	36
Fat %	0.22	Fertility Index	1
Protein kg	7.7	UK Daughters	0
Protein %	0.2	UK Herds	0

Source: AHDB April 2022

Breeding Details

Split	F16	MGS	VALDEN HI APPLAUSE-ET S2F
Sire	MAIRE PF GOLDEN BOY S2F	MGGS	SRC LAKESIDE DG MAGIC

Production gBVs — 12272 Daughters

Milk	603 l	Protein	27 / 3.9	Milkfat	30 / 4.8
Somatic Cell Count	0.16	Cow Calving Diff	-0.7 / 97	Heifer Calving Diff	-1.1 / 98
Gestation Length	-2.3 days	Body Condition	0.08	Functional Survival	3.6 %
Fertility	3.1 %	Liveweight	11 kg	Udder Overall	0.14

NZ Evaluation Data — 131 Daughters TOP Inspected

Management	gBV	-0.5	0	0.5	1.0
Overall Opinion	0.12				
Conformation	**gBV**	**-0.5**	**0**	**0.5**	**1.0**
Udder Overall	0.14				
Dairy Conformation	0.55				

UK PTA — SCI £/REL % 311 / 61

HOLSTEIN BASE	BV		BV
Milk kg	-104	Fat kg/%	7.2 / 0.24
Protein kg/%	5 / 0.17	Fertility Index	8.7

62 112032 JACLES BOY JAKS S2F

gBW/Rel **260/99%**

Breeding Details

Split	F16	MGS	REILLYS MIGHT S1F
Sire	PUKETIRO FROSTMAN S1F	MGGS	BAGWORTH ZANDER KEET

Production gBVs — 16083 Daughters

Milk	801 l	Protein	30 / 3.8	Milkfat	33 / 4.6
Somatic Cell Count	-0.06	Cow Calving Diff	0.4 / 97	Heifer Calving Diff	1.3 / 98
Gestation Length	-3.8 days	Body Condition	0.12	Functional Survival	3.3 %
Fertility	3.1 %	Liveweight	55 kg	Udder Overall	0.65

NZ Evaluation Data — 307 Daughters TOP Inspected

Management	gBV	-0.5	0	0.5	1.0
Overall Opinion	0.14				
Conformation	**gBV**	**-0.5**	**0**	**0.5**	**1.0**
Udder Overall	0.65				
Dairy Conformation	0.48				

UK PTA — SCI £/REL % 357 / 95

HOLSTEIN BASE	BV		BV
Milk kg	-86	Fat kg/%	6.6 / 0.21
Protein kg/%	4.7 / 0.15	Fertility Index	11.4

62 110006 BAGWORTH PF GRANDEUR S1F

gBW/Rel **243/99%**

Supplementary Pedigree in the UK

Breeding Details

Split	F15J1	MGS	WHINLEA PALADIUM ELSTO-ET
Sire	MAIRE PF GOLDEN BOY S2F	MGGS	SRB COLLINS ROYAL HUGO

Production gBVs — 26092 Daughters

Milk	828 l	Protein	32 / 3.8	Milkfat	18 / 4.4
Somatic Cell Count	-0.01	Cow Calving Diff	-0.9 / 95	Heifer Calving Diff	0.8 / 99
Gestation Length	0.7 days	Body Condition	0.10	Functional Survival	2.9 %
Fertility	-2.1 %	Liveweight	19 kg	Udder Overall	0.32

NZ Evaluation Data — 373 Daughters TOP Inspected

Management	gBV	-0.5	0	0.5	1.0
Overall Opinion	0.58				
Conformation	**gBV**	**-0.5**	**0**	**0.5**	**1.0**
Udder Overall	0.32				
Dairy Conformation	0.53				

UK PTA — SCI £/REL % 248 / 81

HOLSTEIN BASE	BV		BV
Milk kg	-55	Fat kg/%	2.8 / 0.1
Protein kg/%	4.2 / 0.12	Fertility Index	7.0

62 112063 PADRUTTS GB TOPNOTCH S2F

gBW/Rel **173/99%**

Source: AHDB April 2022

23/06/2022

Breeding Details

Split	F14J2	MGS	SRC HIBI SECRET SKELTON
Sire	FAIRMONT MINT-EDITION	MGGS	JUDDS ADMIRAL

Production gBVs — 72001 Daughters

Milk	359 l	Protein	22 / 4.0	Milkfat	37 / 5.1
Somatic Cell Count	0.31	Cow Calving Diff	0.6 / 99	Heifer Calving Diff	1.0 / 99
Gestation Length	-2.2 days	Body Condition	0.08	Functional Survival	1.4 %
Fertility	2.5 %	Liveweight	24 kg	Udder Overall	0.35

NZ Evaluation Data — 685 Daughters TOP Inspected

Management	gBV	-0.5	0	0.5	1.0
Overall Opinion	0.31				
Conformation	**gBV**	**-0.5**	**0**	**0.5**	**1.0**
Udder Overall	0.35				
Dairy Conformation	0.54				

UK PTA — SCI £/REL % 240 / 94

HOLSTEIN BASE	BV		BV
Milk kg	-269	Fat kg/%	4.8 / 0.34
Protein kg/%	1.4 / 0.22	Fertility Index	10.1

62 111036 ARKAN FM BUSTER-ET S2F

gBW/Rel **272/99%**

Breeding Details

Split	F16	MGS	TRALEE VA REIGN-ET S2F
Sire	SAVANNAHS HF HAMMER S1F	MGGS	ELITE MOUNTAIN DONOR

Production gBVs — 42742 Daughters

Milk	551 l	Protein	30 / 4.0	Milkfat	26 / 4.8
Somatic Cell Count	-0.07	Cow Calving Diff	0.1 / 98	Heifer Calving Diff	-0.5 / 96
Gestation Length	-2.3 days	Body Condition	0.00	Functional Survival	2.4 %
Fertility	5.7 %	Liveweight	19 kg	Udder Overall	0.19

NZ Evaluation Data — 415 Daughters TOP Inspected

Management	gBV	-0.5	0	0.5	1.0
Overall Opinion	-0.17				
Conformation	**gBV**	**-0.5**	**0**	**0.5**	**1.0**
Udder Overall	0.19				
Dairy Conformation	-0.05				

UK PTA — SCI £/REL % 278 / 63

HOLSTEIN BASE	BV		BV
Milk kg	-177	Fat kg/%	5.5 / 0.27
Protein kg/%	8.1 / 0.29	Fertility Index	3.6

62 113009 HAZAEL SH DISTINCT-ET S1F

gBW/Rel **271/99%**

Registered Pedigree in the UK

Breeding Details

Split	F15J1	MGS	SRB COLLINS ROYAL HUGO
Sire	FAIRMONT MINT-EDITION	MGGS	JUDDS PALAVER

Production gBVs — 88115 Daughters

Milk	542 l	Protein	31 / 4.0	Milkfat	18 / 4.6
Somatic Cell Count	-0.07	Cow Calving Diff	0.7 / 99	Heifer Calving Diff	1.7 / 98
Gestation Length	-1.5 days	Body Condition	0.12	Functional Survival	3.7 %
Fertility	2.8 %	Liveweight	51 kg	Udder Overall	0.19

NZ Evaluation Data — 767 Daughters TOP Inspected

Management	gBV	-0.5	0	0.5	1.0
Overall Opinion	0.46				
Conformation	**gBV**	**-0.5**	**0**	**0.5**	**1.0**
Udder Overall	0.19				
Dairy Conformation	0.31				

UK PTA — SCI £/REL % 266 / 94

HOLSTEIN BASE	BV		BV
Milk kg	-124	Fat kg/%	3.1 / 0.17
Protein kg/%	7.2 / 0.23	Fertility Index	7.3

62 111011 ASHDALE FM KELSBELLS S1F

gBW/Rel **189/99%**

Registered Pedigree in the UK

Source: AHDB April 2022

23/06/2022

Holstein Friesian | Classic Bulls

Breeding Details

Split	F16	MGS	FAIRMONT MINT-EDITION
Sire	GREENWELL FI BLADE S3F	MGGS	BUCKLIN BEAR CANUTE

Production gBVs — 118 Daughters

Milk	843 l	Protein	33 / 3.8	Milkfat	32 / 4.6
Somatic Cell Count	-0.12	Cow Calving Diff	-0.6 / 70	Heifer Calving Diff	3.8 / 32
Gestation Length	-5.4 days	Body Condition	0.20	Functional Survival	2.0 %
Fertility	4.6 %	Liveweight	70 kg	Udder Overall	0.27

NZ Evaluation Data — 102 Daughters TOP Inspected

Management	gBV	-0.5	0	0.5	1.0
Overall Opinion	0.28				
Conformation	**gBV**	**-0.5**	**0**	**0.5**	**1.0**
Udder Overall	0.27				
Dairy Conformation	0.52				

UK PTA — SCI £/REL % 231 / 41

HOLSTEIN BASE	BV		BV
Milk kg	-62	Fat kg/%	6.6 / 0.19
Protein kg/%	6.1 / 0.16	Fertility Index	5.3

62 115048 ZINKS GFB **BACHELOR** ET

gBW/Rel **233/92%**

Supplementary Pedigree in the UK

Breeding Details

Split	F16	MGS	WAIAU MAX TOMMO S3F
Sire	SPRING TRALEE BOSS-ET S3F	MGGS	WHINLEA NAUT EXCEL-ET S3F

Production gBVs — 2257 Daughters

Milk	1136 l	Protein	45 / 3.8	Milkfat	28 / 4.3
Somatic Cell Count	-0.16	Cow Calving Diff	1.1 / 85	Heifer Calving Diff	5.8 / 70
Gestation Length	-0.9 days	Body Condition	-0.09	Functional Survival	0.9 %
Fertility	-4.3 %	Liveweight	42 kg	Udder Overall	1.25

NZ Evaluation Data — 102 Daughters TOP Inspected

Management	gBV	-0.5	0	0.5	1.0
Overall Opinion	0.27				
Conformation	**gBV**	**-0.5**	**0**	**0.5**	**1.0**
Udder Overall	1.25				
Dairy Conformation	1.16				

UK PTA — SCI £/REL % 150 / 59

HOLSTEIN BASE	BV		BV
Milk kg	143	Fat kg/%	5.3 / -0.01
Protein kg/%	12.3 / 0.14	Fertility Index	-0.4

62 115084 GREENWELL SB **FORAY** ET S3F

gBW/Rel **217/98%**

Breeding Details

Split	F16	MGS	FAIRMONT MINT-EDITION
Sire	SAVANNAHS HF HAMMER S1F	MGGS	SRD JENERAYTIONS BANQUET

Production gBVs — 5020 Daughters

Milk	522 l	Protein	27 / 3.9	Milkfat	19 / 4.6
Somatic Cell Count	-0.24	Cow Calving Diff	1.4 / 89	Heifer Calving Diff	2.2 / 69
Gestation Length	0.5 days	Body Condition	0.00	Functional Survival	3.9 %
Fertility	3.9 %	Liveweight	23 kg	Udder Overall	0.90

NZ Evaluation Data — 124 Daughters TOP Inspected

Management	gBV	-0.5	0	0.5	1.0
Overall Opinion	0.07				
Conformation	**gBV**	**-0.5**	**0**	**0.5**	**1.0**
Udder Overall	0.90				
Dairy Conformation	0.14				

UK PTA — SCI £/REL % 132 / 67

HOLSTEIN BASE	BV		BV
Milk kg	-267	Fat kg/%	-3 / 0.17
Protein kg/%	1.9 / 0.23	Fertility Index	1.3

62 113117 GREENWELL SH **BOMBER** S1F

gBW/Rel **232/99%**

Registered Pedigree in the UK

Source: AHDB April 2022

23/06/2022

DAUGHTERS

Daughter of 62 115084 FORAY

Daughter of 62 113117 BOMBER

Daughter of 62 118071 TRAPEZE

Daughter of 62 113009 DISTINCT

Daughter of 62 115062 CYCLONE

Daughter of 62 116019 OVERTIME

Daughter of 62 116036 BACKDROP

Daughter of 62 112063 TOPNOTCH

Daughter of 62 117035 GAMBIT

Daughter of 62 116065 MANDATE

Daughter of 62 117078 VERDICT

Daughter of 62 116066 ESCALADE

Daughter of 62 116118 MALBEC

Daughter of 62 112032 JAKS

Daughter of 62 111011 KELSBELLS

Daughter of 62 115021 LANCELOT

Daughter of 62 111036 BUSTER

Daughter of 62 115048 BACHELOR

ALL HOLSTEIN FRIESIAN

HBN	Name	gBW/Rel	Milk volume (litres)	Fat kg	Protein kg	Fat %	Protein %	Somatic Cell Count	Fertility %	Functional Survival	Body Condition Score	HCD / Rel %	CCD / Rel %	Gestation Length	Liveweight	Capacity
Holstein Friesian | New Release Elite Bulls																
62 117057	Maire GL Graduate-ET	340 / 87	523	40	40	5.0	4.2	0.27	-0.5	3.3	0.00	5.2 / 35	1.2 / 90	-0.2	32	0.01
62 118071	Glenmead SB Trapeze S1F *	286 / 87	183	27	23	5.1	4.1	0.22	3.3	4.0	0.12	-0.8 / 74	0.4 / 94	-5.8	11	0.56
62 116076	Meander BR Abraxas-ET S2F	285 / 91	930	41	39	4.7	3.9	-0.35	-3.9	2.5	0.14	4.1 / 68	1.1 / 88	-0.4	49	0.68
62 117019	McKenzie GF Comet S3F *	256 / 88	1064	37	47	4.5	3.9	-0.19	0.3	-0.1	0.14	3.6 / 28	0.5 / 65	-4.5	98	1.12
Holstein Friesian | Premier Bulls																
62 115062	Paalvasts MT Cyclone S2F	339 / 92	727	52	30	5.1	3.8	0.02	2.9	2.5	0.02	0.6 / 92	0.0 / 88	-2.8	45	0.23
62 118068	Bagworth GI Original S3F	327 / 86	667	46	37	5.0	4.0	0.04	5.0	4.3	0.15	2.3 / 38	0.4 / 93	-3.5	88	0.25
62 116118	Lightburn B Malbec-ET S3F	313 / 91	526	35	35	4.9	4.1	-0.15	1.6	3.3	0.28	2.6 / 43	4.6 / 90	-0.3	66	0.76
62 116019	Werders De Overtime S1F	308 / 98	257	40	27	5.3	4.1	0.70	1.5	1.7	-0.06	6.3 / 68	1.3 / 98	-7.7	9	0.20
62 115021	Gordons AM Lancelot S3F	295 / 99	575	33	36	4.9	4.1	0.06	-0.9	3.4	0.14	5.1 / 81	0.9 / 99	-2.0	29	0.57
62 116108	Busy Brook MGH Mordor S2F	285 / 91	875	27	32	4.5	3.8	-0.11	3.0	5.4	0.35	1.7 / 39	0.9 / 79	-0.4	30	0.16
62 115023	Tanglewood MT Kauri S2F	284 / 92	226	32	20	5.2	4.0	-0.34	8.1	3.5	0.21	2.1 / 31	1.2 / 76	-0.4	58	0.25
62 116122	Spring Tralee Bass-ET S2F *	284 / 98	859	28	36	4.5	3.8	-0.09	3.6	2.6	0.20	1.0 / 70	0.3 / 92	-3.7	23	0.65
62 116124	Spring Tralee Beat-ET S1F	271 / 98	714	33	34	4.7	3.9	0.34	-3.3	2.5	0.28	1.4 / 68	0.4 / 78	-3.5	7	0.32
62 112032	Jacles Boy Jaks S2F	260 / 99	603	30	27	4.8	3.9	0.16	3.1	3.6	0.08	-1.1 / 98	-0.7 / 97	-2.3	11	0.78
62 116036	Arkan MGH Backdrop-ET S2F *	249 / 99	192	24	25	5.1	4.2	0.05	5.7	3.9	0.54	0.0 / 96	0.1 / 97	-6.7	79	0.36
62 114057	Maire FI Golddigger	248 / 98	898	41	34	4.7	3.8	-0.19	-3.1	3.5	0.20	6.6 / 63	0.7 / 96	-4.4	79	0.90
62 110006	Bagworth PF Grandeur S1F	243 / 99	801	33	30	4.6	3.8	-0.06	3.1	3.3	0.12	1.3 / 98	0.4 / 97	-3.8	55	0.31
62 116065	Dicksons BG Mandate S1F	243 / 99	141	26	18	5.1	4.1	-0.39	0.4	0.6	-0.04	-1.2 / 98	-0.6 / 96	-2.2	8	0.33
62 117035	Bellamy's MH Gambit-ET S2F *	217 / 97	805	28	31	4.6	3.8	0.22	2.3	5.4	0.37	1.5 / 67	2.0 / 92	-4.0	72	0.19
62 116066	Dicksons GI Escalade S3F	203 / 90	426	28	24	4.9	3.9	0.15	2.3	3.5	0.16	2.3 / 36	2.4 / 82	4.1	63	0.36
62 115017	Langevelds SRB Valour S2F	200 / 98	829	36	32	4.7	3.8	0.18	0.7	2.9	0.18	-0.6 / 66	0.0 / 86	-1.2	85	0.53
62 117078	Jareem MH Verdict S2F *	198 / 89	254	27	26	5.0	4.1	0.36	-0.3	1.3	0.08	1.3 / 35	0.0 / 68	-5.5	53	0.02
62 112063	Padrutts GB Topnotch S2F	173 / 99	828	18	32	4.3	3.8	-0.01	-2.1	2.9	0.10	0.8 / 99	-0.9 / 95	0.7	19	0.56
62 113086	Maire IG Gauntlet-ET *	129 / 99	1248	25	41	4.2	3.7	0.09	-3.9	-1.0	0.27	3.7 / 94	2.7 / 99	0.1	92	1.04
Holstein Friesian | Classic Bulls																
62 113070	Greenwell FI Blade S3F	280 / 99	629	32	35	4.8	4.0	0.17	0.6	2.3	0.24	6.0 / 85	0.9 / 95	-4.1	53	0.50
62 111036	Arkan FM Buster-ET S2F	272 / 99	359	37	22	5.1	4.0	0.31	2.5	1.4	0.08	1.0 / 99	0.6 / 99	-2.2	24	0.47
62 113009	Hazael SH Distinct-ET S1F	271 / 99	551	26	30	4.8	4.0	-0.07	5.7	2.4	0.01	-0.5 / 96	0.1 / 98	-2.3	19	-0.16
62 113043	Adams BR Ultimate S3F	269 / 98	565	39	25	5.0	3.9	0.16	0.2	3.5	0.10	-0.2 / 83	0.6 / 94	0.6	33	0.31
62 110049	Savannahs HF Hammer S1F	260 / 99	670	26	27	4.6	3.8	-0.30	3.2	3.5	0.08	2.4 / 97	-0.2 / 98	-2.8	21	0.19
62 113046	Meander Rocketman-ET S1F	243 / 99	248	30	22	5.1	4.0	-0.08	-1.9	0.9	0.11	0.6 / 86	-0.2 / 88	-0.5	23	0.33
62 115048	Zinks GFB Bachelor ET	233 / 92	843	32	33	4.6	3.8	-0.12	4.6	2.0	0.20	3.8 / 32	-0.6 / 70	-5.4	70	0.61
62 113117	Greenwell SH Bomber S1F	232 / 99	522	19	27	4.6	3.9	-0.24	3.9	3.9	0.00	2.2 / 69	1.4 / 89	0.5	23	0.05
62 115043	Hyjinks AM Deejay S1F	218 / 98	764	33	33	4.7	3.9	0.10	-0.9	0.1	0.09	3.7 / 70	0.5 / 79	-4.1	55	0.06
62 115084	Greenwell SB Foray ET S3F	217 / 98	1136	28	45	4.3	3.8	-0.16	-4.3	0.9	-0.09	5.8 / 70	1.1 / 85	-0.9	42	1.02
62 115004	Arkan EO Bigshot ET S3F	203 / 98	551	12	31	4.5	4.0	0.39	1.1	1.7	0.34	0.2 / 69	-0.9 / 83	1.6	20	0.02
62 111011	Ashdale FM Kelsbells S1F	189 / 99	542	18	31	4.6	4.0	-0.07	2.8	3.7	0.12	1.7 / 98	0.7 / 99	-1.5	51	0.30
62 108214	Bagworth RM Arasmus S2F	149 / 91	625	14	25	4.5	3.8	0.08	5.9	1.7	0.23	-0.1 / 37	0.0 / 67	-4.0	48	0.35
62 116017	Pemberton GI Phase-ET S2F	141 / 90	1039	12	31	4.1	3.6	0.22	-3.4	2.2	-0.01	3.1 / 46	0.7 / 70	2.8	-11	-0.10
62 108235	Mortensens We Awe-ET S3F	129 / 99	634	7	20	4.3	3.7	-0.03	7.9	3.5	0.13	0.5 / 85	-0.9 / 89	-1.6	21	0.04
62 113014	Spring Tralee Boss-ET S3F	129 / 99	669	6	27	4.2	3.8	-0.16	-2.1	2.3	-0.04	0.6 / 86	0.8 / 93	-0.5	3	0.48
Holstein Friesian | Value Bulls																
62 111012	Farside M Illustrious S3F	343 / 99	763	51	41	5.0	4.0	0.19	-1.1	3.0	-0.04	6.1 / 94	0.9 / 97	-7.3	55	0.24
62 113056	Langevelds FI Pin-Up S2F	266 / 99	559	39	27	5.0	3.9	-0.24	2.6	2.9	0.17	1.0 / 81	0.8 / 90	-7.9	58	0.30
62 113042	Charltons FI FInalcut S2F	259 / 99	177	37	16	5.3	4.0	-0.05	5.5	3.7	0.23	1.4 / 70	0.6 / 89	-3.4	74	0.23
62 113083	Matapo SS Starfire S3F	230 / 92	554	42	25	5.1	3.9	0.31	0.4	-0.6	-0.12	5.7 / 40	2.5 / 74	-3.6	36	0.53
62 112025	Farside FM Accomplice S3F	227 / 91	200	32	23	5.2	4.1	0.26	2.4	1.5	0.02	3.7 / 37	1.5 / 69	-5.8	46	0.19
62 110063	Maire PF Golden Boy S2F	222 / 99	767	28	24	4.6	3.7	-0.32	-1.9	2.8	0.22	1.2 / 92	-0.7 / 95	-2.8	23	0.61
62 114041	Mitchells KE Hustler S2F	206 / 99	631	31	29	4.8	3.9	0.25	-1.2	2.0	0.19	2.8 / 82	-0.4 / 94	-2.6	46	0.32
62 113114	Riverheights GB Rogue S3F	190 / 99	833	26	35	4.5	3.9	-0.39	-4.3	2.3	0.09	0.3 / 96	0.7 / 92	2.1	46	0.23
62 113053	Mitchells WT Typhoon S2F	180 / 99	367	22	21	4.8	3.9	-0.37	0.8	2.4	0.06	3.7 / 81	0.3 / 90	-2.7	50	0.47
62 113058	Costers Politician S3F	143 / 96	959	19	35	4.3	3.8	0.11	-2.8	1.3	-0.02	0.4 / 48	0.5 / 76	-4.8	30	-0.06
62 106219	Whinlea Dan Supersonic-ET	105 / 99	759	8	24	4.2	3.7	-0.19	5.7	1.2	0.34	1.9 / 89	0.4 / 92	-2.1	71	0.54
62 106083	Hazael MN Sweetdream S2F	95 / 99	420	16	21	4.7	3.9	0.47	1.5	1.9	-0.06	-0.7 / 93	-0.1 / 91	-1.1	41	-0.21

HBN	Udder overall	High Input	Nitrogen Efficiency	Methane Efficiency	ACI £ / Rel	Milk Kg	Fat Kg	Protein Kg	Fat %	Protein %	SCC	Lifespan	Fertility	Sire (Short name)	A2 Status	Breed Split	Pedigree Status	Proven Status	NZ Daughters	UK Daughters
Holstein Friesian | New Release Elite Bulls																				
62 117057	0.71	1374	7	6	297 / 48	-176	11.8	9.9	0.40	0.33	19	0	0.5	LANCELOT	A1/A1	F16	-	NZ	79	0
62 118071	0.55	1290	8	8	328 / 44	-155	9.1	6.8	0.32	0.25	18	0	9.2	BASS	A2/A2	F15J1	-	NZ	149	0
62 116076	0.23	1293	5	5	255 / 53	2	12.4	9.3	0.24	0.18	0	39	-1.5	REVITUP	A2/A2	F16	-	NZ	104	0
62 117019	0.82	1328	5	5	241 / 50	68	8.4	11.6	0.11	0.18	3	3	5.9	FORAY	A2/A2	F16	-	NZ	84	0
Holstein Friesian | Premier Bulls																				
62 115062	0.44	1341	6	7	296 / 53	-79	13.4	5.7	0.34	0.17	7	64	5.4	TYPHOON	A1/A1	F16	-	NZ	116	0
62 118068	0.37	1331	7	7	277 / 49	-93	11.8	9.4	0.32	0.25	12	0	6.0	INCA	A1/A2	F16	-	NZ	85	0
62 116118	1.19	1365	6	6	346 / 54	-127	9.1	8.8	0.30	0.27	0	27	5.9	BEAMER	A1/A2	F15J1	-	NZ	100	0
62 116019	0.55	1337	8	8	262 / 56	-200	11.5	6.9	0.41	0.28	27	-27	1.4	EMPIRE	A2/A2	F16	-	NZ	2096	0
62 115021	0.31	1304	6	6	327 / 59	-89	9.6	9.3	0.27	0.25	8	45	2.1	MAELSTROM-ET	A1/A1	F16	-	NZ	3005	0
62 116108	0.59	1286	7	6	288 / 54	78	5.7	8.5	0.05	0.11	3	36	6.5	HOTHOUSE	A2/A2	F16	-	NZ	110	0
62 115023	0.31	1264	6	7	355 / 51	-183	9.6	6.0	0.36	0.25	3	36	11.1	TYPHOON	A1/A2	F16	-	NZ	245	0
62 116122	0.22	1273	7	7	296 / 60	50	6.0	9.1	0.08	0.15	6	27	6.7	HOTHOUSE	A1/A2	F15J1	-	NZ	1943	0
62 116124	-0.08	1256	6	6	289 / 62	-71	7.8	7.7	0.22	0.20	20	36	1.0	LAMONT	A2/A2	F15J1	-	NZ	2247	0
62 112032	0.14	1250	7	7	306 / 61	-104	7.2	5.0	0.24	0.17	12	67	8.7	GOLDEN BOY	A2/A2	F16	-	NZ	12272	0
62 116036	0.24	1227	6	6	342 / 60	-235	5.0	5.5	0.31	0.28	9	-9	9.4	HOTHOUSE	A1/A2	F15J1	-	NZ	3816	0
62 114057	0.95	1306	4	4	207 / 63	28	10.0	9.1	0.17	0.16	3	18	-0.8	ILLUSTRIOUS	A1/A2	F16	RP	NZ	2123	0
62 110006	0.65	1266	6	6	385 / 95	-86	6.6	4.7	0.21	0.15	2	128	11.4	FROSTMAN	A2/A2	F16	RP	NZ/UK	16083	1261
62 116065	0.60	1252	6	6	301 / 62	-343	3.6	1.5	0.39	0.28	-5	36	5.6	GRANDEUR	A2/A2	F16	-	NZ	5840	0
62 117035	0.53	1230	6	6	282 / 55	56	7.7	8.5	0.10	0.13	14	12	6.3	HOTHOUSE	A2/A2	F16	-	NZ	1888	0
62 116066	0.56	1229	5	5	217 / 56	-183	6.5	5.0	0.29	0.23	12	18	5.6	INCA	A1/A2	F15J1	-	NZ	84	0
62 115017	0.44	1231	5	5	269 / 58	-56	10.0	6.4	0.25	0.17	14	48	5.9	BEAMER	A1/A1	F15J1	-	NZ	1624	0
62 117078	0.65	1237	5	5	218 / 52	-125	6.6	7.7	0.24	0.24	18	-12	2.3	HOTHOUSE	A2/A2	F16	-	NZ	102	0
62 112063	0.32	1186	5	5	258 / 81	-55	2.8	4.2	0.10	0.12	1	73	7.0	GOLDEN BOY	A1/A2	F15J1	-	NZ/UK	26092	127
62 113086	0.92	1217	3	3	89 / 69	208	2.9	9.3	-0.11	0.04	7	-12	-2.9	IGNITION	A2/A2	F16	-	NZ/UK	25975	199
Holstein Friesian | Classic Bulls																				
62 113070	0.85	1321	6	6	310 / 71	0	12.5	11.0	0.25	0.22	8	0	1.1	ILLUSTRIOUS	A1/A2	F16	RP	NZ/UK	10280	11
62 111036	0.35	1291	6	6	222 / 94	-269	4.8	1.4	0.34	0.22	25	39	10.1	MINT-EDITION	A1/A2	F14J2	RP	NZ/UK	72001	1569
62 113009	0.19	1266	8	7	261 / 63	-177	5.5	8.1	0.27	0.29	4	-21	3.6	HAMMER	A1/A2	F16	RP	NZ/UK	42742	46
62 113043	0.38	1274	5	6	179 / 73	-236	5.6	0.7	0.33	0.18	13	18	1.0	RAPTURE-ET	A1/A2	F16	-	NZ/UK	9070	68
62 110049	0.55	1266	7	7	184 / 95	-129	0.2	3.7	0.12	0.16	-3	-27	1.4	FORMAT	A2/A2	F15J1	RP	NZ/UK	60818	1211
62 113046	0.53	1254	5	5	65 / 68	-275	1.5	1.5	0.28	0.23	5	-21	-2.4	HAMMER	A1/A2	F16	RP	NZ/UK	5984	70
62 115048	0.27	1254	6	6	226 / 41	-62	6.6	6.1	0.19	0.16	5	-18	5.3	BLADE	A2/A2	F16	RS	NZ	118	0
62 113117	0.90	1272	7	6	105 / 67	-267	-3.0	1.9	0.17	0.23	1	12	1.3	HAMMER	A1/A2	F16	-	NZ/UK	5020	71
62 115043	0.45	1254	5	5	164 / 59	-29	8.0	8.4	0.18	0.19	9	-54	-1.2	MAELSTROM-ET	A1/A2	F15J1	RP	NZ	2265	0
62 115084	1.25	1331	5	4	184 / 59	143	5.3	12.3	-0.01	0.14	1	21	-0.4	BOSS	A2/A2	F16	-	NZ	2257	0
62 115004	0.58	1222	6	5	206 / 48	-101	-0.2	8.1	0.08	0.23	19	39	5.9	OVATION	A2/A2	F15J1	RS	NZ	2340	0
62 111011	0.19	1198	6	6	259 / 94	-124	3.1	7.2	0.17	0.23	6	30	7.3	MINT-EDITION	A1/A2	F15J1	RP	NZ/UK	88115	1201
62 108214	0.07	1146	6	6	242 / 89	-151	-1.6	2.7	0.10	0.16	3	57	9.4	MIGHT	A2/A2	F16	-	NZ/UK	84	298
62 116017	0.55	1180	5	5	150 / 56	73	-0.2	7.4	-0.06	0.10	12	45	2.0	INCA	A1/A2	F16	-	NZ	100	0
62 108235	0.02	1120	6	6	440 / 94	-32	0.0	3.7	0.03	0.10	3	137	15.4	ELSTO	A1/A1	F16	RP	NZ/UK	5187	956
62 113014	1.35	1227	5	5	140 / 68	10	-3.1	6.5	-0.07	0.12	2	70	-0.7	OVATION	A2/A2	F15J1	RS	NZ/UK	8602	112
Holstein Friesian | Value Bulls																				
62 111012	0.61	1377	7	6	279 / 91	-56	13.0	11.0	0.31	0.26	13	39	-0.9	MINT-EDITION	A1/A2	F16	RP	NZ/UK	17247	334
62 113056	0.07	1253	6	6	356 / 69	-6	15.0	9.6	0.30	0.19	-1	54	5.2	ILLUSTRIOUS	A2/A2	F16	RP	NZ/UK	7863	127
62 113042	0.79	1289	6	6	249 / 71	-372	4.3	-0.6	0.43	0.26	7	70	6.5	ILLUSTRIOUS	A1/A2	F16	RP	NZ/UK	4283	14
62 113083	0.23	1258	5	6	133 / 70	-84	12.3	6.2	0.32	0.18	16	-82	2.1	STATESMAN	A1/A2	F16	-	NZ/UK	125	31
62 112025	0.24	1246	6	6	247 / 80	-155	9.9	8.8	0.34	0.29	14	-3	3.1	MINT-EDITION	A1/A1	F16	RP	NZ/UK	88	38
62 110063	0.47	1214	5	5	246 / 93	-60	5.1	3.4	0.15	0.11	0	57	3.3	FROSTMAN	A1/A2	F16	RP	NZ/UK	16354	771
62 114041	0.21	1217	5	5	283 / 57	-79	8.5	6.5	0.24	0.19	12	30	3.1	EARNIE	A2/A2	F15J1	-	NZ	6823	0
62 113114	0.20	1200	4	4	162 / 69	-1	3.9	6.7	0.08	0.13	-4	9	-4.4	BONZA	A2/A2	F16	-	NZ/UK	6810	13
62 113053	0.53	1204	5	5	226 / 59	-121	5.3	5.7	0.21	0.20	-1	64	4.5	TOMMO	A1/A2	F15J1	-	NZ	6722	0
62 113058	0.37	1182	5	5	202 / 72	188	4.1	11.7	-0.07	0.10	8	12	-1.4	ILLUSTRIOUS	A1/A2	F16	-	NZ/UK	547	31
62 106219	0.44	1132	5	5	293 / 96	144	1.4	8.8	-0.09	0.08	-2	94	12.9	DANO	A2/A2	F16	RP	NZ/UK	10431	1028
62 106083	0.22	1123	5	5	215 / 83	-158	2.3	4.4	0.18	0.20	27	60	7.4	NOTEWORTHY	A1/A2	F16	RP	NZ/UK	11044	921

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

RP = Registered Pedigree in the UK

Source: AHDB April 2022

Publishing Date: 21/07/2022

LIC abides by the AHDB Dairy and Holstein UK established Code of Advertising

23/06/2022

Upcoming Events

LIC UK are pleased to be attending two shows in the summer of 2023.

LIC at the 2022 event

8 - 10 JUNE **2023**

The Royal Cornwall Show

One of the country's biggest annual events, it is one full of exhibits and activities that offer much in the way of entertainment, competition, information and all aspects that are positive in farming and agriculture. In addition, we will be participating at the Open Farm event on Sunday 11th June 2023.

The Royal Welsh Show

This show provides something of interest for everyone through its wide range of activities including forestry, horticulture, crafts, countryside sports and a jam-packed programme each day of exciting entertainment, attractions and displays.

24 - 27 JULY **2023**

Walford College OPEN DAYS 26 OCT 2022 29 MAR 2023

Our monitor farm, Walford College will also be hosting two open days on 26th of October 2022 and 29th of March 2023.

Come along and experience what LIC contributes to British dairy farming.

2022/23 KiwiCross®

TOP 5 PERFORMERS

Breeding Worth
New Zealand herd KiwiCross® average NZD$175

HBN	Name	BW$ / Rel	Page
62 518019	Diggs Hardcopy *	484 / 85	34
62 518038	Werders Premonition *	481 / 89	35
62 520085	Snowline Benji *	460 / 57	38
68 515025	Speakes Slipstream ET *	458 / 93	44
62 516066	Walton Inferno *	451 / 92	41

£SCI
UK Spring Calving Index

HBN	Name	SCI£ / Rel	Page
62 516066	Walton Inferno *	485 / 52	41
62 518038	Werders Premonition *	421 / 48	35
68 515062	Duggans Gameplan *	417 / 52	45
62 513016	Horizon Blazer ET	387 / 65	48
62 515058	Kahurangi Izabull	375 / 55	48

Protein
New Zealand herd KiwiCross® average 17 kg / 3.93%

HBN	Name	Protein (kg / %)	Page
62 517023	Horizon Boulevard-ET *	45 / 4.0	40
62 516070	Baldrick Trixster-ET *	44 / 3.9	33
62 517055	Taramont Springtide	42 / 3.9	34
62 516074	Crossans Critical-ET	41 / 3.9	40
68 515018	Lynbrook Krypton ET	40 / 3.7	43

Fat
New Zealand herd crossbred average 19 kg / 4.87%

HBN	Name	Fat (kg / %)	Page
62 518038	Werders Premonition *	62 / 5.8	35
62 520085	Snowline Benji *	58 / 5.9	38
62 516070	Baldrick Trixster-ET *	56 / 4.9	33
62 517043	Glen Koru Proclaimer-ET	52 / 5.4	39
62 514015	Glen Koru Ethos ET	51 / 5.0	48

Fertility
New Zealand herd crossbred average 0.5 %

HBN	Name	Fertility (%)	Page
68 515028	Zona Crossfire	10.5	46
62 518019	Diggs Hardcopy *	7.8	34
68 515025	Speakes Slipstream ET *	7.2	44
68 516080	Clutha Lea Paretai	6.8	44
68 515059	Taunts Revenge	6.2	45

Milk Volume
New Zealand herd crossbred average 275 litres

HBN	Name	Volume (l)	Page
68 515018	Lynbrook Krypton ET	1230	43
62 516070	Baldrick Trixster-ET *	980	33
62 516074	Crossans Critical-ET	924	40
62 517055	Taramont Springtide	886	34
62 514050	Taramont Waverider	878	48

SCC
New Zealand herd crossbred average -0.02

HBN	Name	SCC	Page
68 515028	Zona Crossfire	-0.97	46
62 517026	Howses Springfield *	-0.76	48
62 518019	Diggs Hardcopy *	-0.71	34
62 514060	White Cliffs Fahrenheit	-0.68	46
68 515011	Lynskeys Liam	-0.61	42

Capacity
New Zealand herd crossbred average 0.23

HBN	Name	Capacity	Page
68 520007	Julian Straight Up *	1.29	37
68 515019	Lynbrook Knight ET	1.27	42
62 515068	Woodwards Spot On	1.15	48
68 515018	Lynbrook Krypton ET	0.93	43
68 514056	Tirohanga Take Note	0.92	48

Udder Overall
New Zealand herd crossbred average 0.2

HBN	Name	Udder Overall	Page
68 520033	Dowson Honenui-ET	1.11	37
62 515032	Howses Standout	1.10	48
68 515025	Speakes Slipstream ET *	1.07	44
68 516080	Clutha Lea Paretai	1.07	44
62 517055	Taramont Springtide	1.06	34

Heifer Calving Difficulty
New Zealand herd crossbred average 0%

HBN	Name	HCD / Rel	Page
68 512046	Te Aranga AP Joseph	-3.0 / 35	48
62 518019	Diggs Hardcopy *	-2.9 / 42	34
68 520033	Dowson Honenui-ET	-2.6 / 80	37
68 515059	Taunts Revenge	-2.5 / 53	45
68 515062	Duggans Gameplan *	-2.4 / 94	45

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

Source: AHDB April 2022

23/06/2022

68 515066 VAN STRAALENS DUEL

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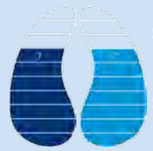

gBW/Rel **299/91%**

Breeding Details

Split	J10F6
Sire	PILSENS TITAN
MGS	KIRKS RI CHARISMA ET GR
MGGS	SRB CORBOYS LIGHTENING

Production gBVs
103 Daughters

Milk	-61 l	Protein	18 / 4.2	Milkfat	36 / 5.6
Somatic Cell Count	0.03	Cow Calving Diff	-0.5 / 76	Heifer Calving Diff	0.1 / 60
Gestation Length	-6.5 days	Body Condition	0.13	Functional Survival	1.9 %
Fertility	3.3 %	Liveweight	37 kg	Udder Overall	0.51

NZ Evaluation Data
97 Daughters TOP Inspected

Management	gBV	-0.5	0	0.5	1.0
Adapts to Milking	0.20				
Shed Temperament	0.21				
Milking Speed	0.06				
Overall Opinion	0.23				
Conformation	**gBV**	**-0.5**	**0**	**0.5**	**1.0**
Stature	-0.05				
Capacity	0.77				
Rump Angle	-0.21				
Rump Width	-0.06				
Legs	0.29				
Udder Support	0.62				
Front Udder	0.67				
Rear Udder	0.59				
Front Teat Placement	-0.15				
Rear Teat Placement	0.38				
Teat Length	-0.40				
Udder Overall	0.51				
Dairy Conformation	0.64				

LIC Initiatives

High Input	VMSI	A2 Protein
1311	1266	A1/A2

23/06/2022

UK PTA
SCI £/REL % **291/47**

HOLSTEIN BASE	BV		BV
Milk kg	-413	SCC	9
Fat kg	7.4	Lifespan	5
Fat %	0.54	Fertility Index	5.8
Protein kg	-0.4	UK Daughters	0
Protein %	0.3	UK Herds	0

Source: AHDB April 2022

62 516070 BALDRICK TRIXSTER-ET

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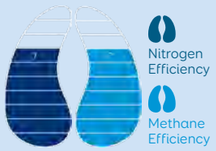

gBW/Rel **339/91%**

Breeding Details

Split	F13J3
Sire	SAN RAY FM BEAMER-ET S2F
MGS	CARSONS RADICAL S2F
MGGS	WILLAND ADS SAMUAL

Production gBVs
115 Daughters

Milk	980 l	Protein	44 / 3.9	Milkfat	56 / 4.9
Somatic Cell Count	0.14	Cow Calving Diff	0 / 91	Heifer Calving Diff	0.8 / 62
Gestation Length	-8.9 days	Body Condition	0.03	Functional Survival	-0.8 %
Fertility	1.5 %	Liveweight	67 kg	Udder Overall	0.05

NZ Evaluation Data
98 Daughters TOP Inspected

Management	gBV	-0.5	0	0.5	1.0
Adapts to Milking	0.06				
Shed Temperament	0.06				
Milking Speed	-0.12				
Overall Opinion	0.18				
Conformation	**gBV**	**-0.5**	**0**	**0.5**	**1.0**
Stature	1.09				
Capacity	0.70				
Rump Angle	0.02				
Rump Width	1.24				
Legs	0.09				
Udder Support	0.14				
Front Udder	-0.14				
Rear Udder	-0.04				
Front Teat Placement	0.33				
Rear Teat Placement	0.93				
Teat Length	-1.41				
Udder Overall	0.05				
Dairy Conformation	0.70				

LIC Initiatives

High Input	VMSI	A2 Protein
1352	1325	A1/A2

23/06/2022

UK PTA
SCI £/REL % **233/53**

HOLSTEIN BASE	BV		BV
Milk kg	45	SCC	10
Fat kg	16.6	Lifespan	-33
Fat %	0.29	Fertility Index	3.9
Protein kg	10.4	UK Daughters	0
Protein %	0.17	UK Herds	0

Source: AHDB April 2022

62 518019 DIGGS HARDCOPY

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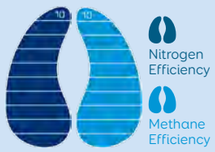

gBW/Rel **484/85%**

Breeding Details	
Split	F10J6
Sire	DRYSDALES SOVEREIGN
MGS	ANNALYSER
MGGS	BAGWORTH LEADERSHIP

Production gBVs 87 Daughters

Milk	297 l	Protein	29 / 4.2	Milkfat	51 / 5.5
Somatic Cell Count	-0.71	Cow Calving Diff	-0.8 / 68	Heifer Calving Diff	-2.9 / 42
Gestation Length	-7.6 days	Body Condition	0.16	Functional Survival	2.3 %
Fertility	7.8 %	Liveweight	14 kg	Udder Overall	0.20

NZ Evaluation Data 78 Daughters TOP Inspected

Management	gBV	-0.5 0 0.5 1.0
Adapts to Milking	0.30	
Shed Temperament	0.31	
Milking Speed	0.01	
Overall Opinion	0.32	
Conformation	**gBV**	**-0.5 0 0.5 1.0**
Stature	-0.37	
Capacity	0.37	
Rump Angle	-0.60	
Rump Width	-0.20	
Legs	0.09	
Udder Support	0.24	
Front Udder	0.15	
Rear Udder	0.09	
Front Teat Placement	-0.02	
Rear Teat Placement	-0.26	
Teat Length	0.43	
Udder Overall	0.20	
Dairy Conformation	0.30	

LIC Initiatives

High Input	VMSI	A2 Protein
1427	1392	A2/A2

23/06/2022

UK PTA SCI £ **327**

HOLSTEIN BASE	BV		BV
Milk kg	-181	SCC	-11
Fat kg	15.5	Lifespan	60
Fat %	0.48	Fertility Index	-
Protein kg	7.1	UK Daughters	0
Protein %	0.27	UK Herds	0

SCI£ Rel% & Fertility not available at the time of publishing

Source: AHDB April 2022

62 517055 TARAMONT SPRINGTIDE

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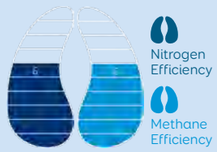

gBW/Rel **303/91%**

Breeding Details	
Split	F10J6
Sire	DRYSDALES SOVEREIGN
MGS	BURWELLS RILEY
MGGS	NEVRON SHOWMAN

Production gBVs 111 Daughters

Milk	886 l	Protein	42 / 4.0	Milkfat	45 / 4.8
Somatic Cell Count	0.45	Cow Calving Diff	-0.3 / 91	Heifer Calving Diff	-0.1 / 72
Gestation Length	-10.4 days	Body Condition	-0.01	Functional Survival	1.0 %
Fertility	-4.1 %	Liveweight	42 kg	Udder Overall	1.06

NZ Evaluation Data 100 Daughters TOP Inspected

Management	gBV	-0.5 0 0.5 1.0
Adapts to Milking	0.44	
Shed Temperament	0.44	
Milking Speed	0.28	
Overall Opinion	0.49	
Conformation	**gBV**	**-0.5 0 0.5 1.0**
Stature	0.32	
Capacity	0.90	
Rump Angle	-0.31	
Rump Width	0.66	
Legs	0.01	
Udder Support	1.30	
Front Udder	0.78	
Rear Udder	0.88	
Front Teat Placement	0.40	
Rear Teat Placement	1.54	
Teat Length	-0.43	
Udder Overall	1.06	
Dairy Conformation	1.07	

LIC Initiatives

High Input	VMSI	A2 Protein
1406	1380	A2/A2

23/06/2022

UK PTA SCI £/REL % **213/51**

HOLSTEIN BASE	BV		BV
Milk kg	55	SCC	21
Fat kg	13.4	Lifespan	-27
Fat %	0.22	Fertility Index	1.1
Protein kg	11.1	UK Daughters	0
Protein %	0.18	UK Herds	0

Source: AHDB April 2022

62 518038 WERDERS PREMONITION

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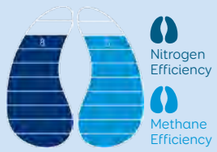

gBW/Rel **481/89%**

Breeding Details	
Split	F8J8
Sire	PRIESTS SIERRA
MGS	MARSDEN NN EXCELL ET
MGGS	ADAMS ROCKHARD-ET

Production gBVs 163 Daughters

Milk	200 l	Protein	28 / 4.2	Milkfat	62 / 5.9
Somatic Cell Count	-0.48	Cow Calving Diff	-0.2 / 91	Heifer Calving Diff	0.1 / 97
Gestation Length	-7.5 days	Body Condition	0.07	Functional Survival	4.0 %
Fertility	-0.5 %	Liveweight	24 kg	Udder Overall	0.66

NZ Evaluation Data 87 Daughters TOP Inspected

Management	gBV	-0.5 0 0.5 1.0
Adapts to Milking	0.54	
Shed Temperament	0.55	
Milking Speed	0.29	
Overall Opinion	0.64	
Conformation	**gBV**	**-0.5 0 0.5 1.0**
Stature	-0.11	
Capacity	0.63	
Rump Angle	-0.16	
Rump Width	-0.08	
Legs	-0.01	
Udder Support	0.61	
Front Udder	0.63	
Rear Udder	0.65	
Front Teat Placement	0.29	
Rear Teat Placement	0.84	
Teat Length	-0.28	
Udder Overall	0.66	
Dairy Conformation	0.71	

LIC Initiatives

High Input	VMSI	A2 Protein
1457	1435	A2/A2

23/06/2022

UK PTA SCI £/REL % **421/48**

HOLSTEIN BASE	BV		BV
Milk kg	-270	SCC	-5
Fat kg	20.9	Lifespan	0
Fat %	0.68	Fertility Index	2.4
Protein kg	5.1	UK Daughters	0
Protein %	0.3	UK Herds	0

Source: AHDB April 2022

62 518063 VAN STRAALENS SAFARI

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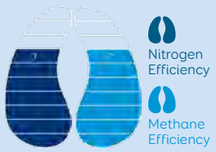

gBW/Rel **387/87%**

Breeding Details	
Split	F11J5
Sire	MOORBYS FM GRANITE S2F
MGS	ARKANS PROMOTER
MGGS	EWINGS IMPERIAL

Production gBVs 106 Daughters

Milk	642 l	Protein	36 / 4.0	Milkfat	38 / 4.9
Somatic Cell Count	-0.18	Cow Calving Diff	-1.0 / 90	Heifer Calving Diff	0.7 / 79
Gestation Length	-0.8 days	Body Condition	0.15	Functional Survival	2.7 %
Fertility	-0.4 %	Liveweight	-7 kg	Udder Overall	0.73

NZ Evaluation Data 94 Daughters TOP Inspected

Management	gBV	-0.5 0 0.5 1.0
Adapts to Milking	0.27	
Shed Temperament	0.28	
Milking Speed	0.09	
Overall Opinion	0.32	
Conformation	**gBV**	**-0.5 0 0.5 1.0**
Stature	-0.39	
Capacity	0.74	
Rump Angle	-0.18	
Rump Width	0.55	
Legs	0.14	
Udder Support	0.61	
Front Udder	0.52	
Rear Udder	0.70	
Front Teat Placement	0.32	
Rear Teat Placement	0.40	
Teat Length	-0.88	
Udder Overall	0.73	
Dairy Conformation	0.68	

LIC Initiatives

High Input	VMSI	A2 Protein
1387	1356	A2/A2

23/06/2022

UK PTA SCI £/REL % **326/47**

HOLSTEIN BASE	BV		BV
Milk kg	-148	SCC	-2
Fat kg	9	Lifespan	0
Fat %	0.31	Fertility Index	0.8
Protein kg	6.4	UK Daughters	0
Protein %	0.23	UK Herds	0

Source: AHDB April 2022

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68 518072 DEANS PROFESSIONAL

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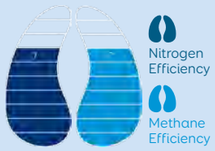

gBW/Rel **282/89%**

Breeding Details

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

Production gBVs — 157 Daughters

Milk	119 l	Protein	17 / 4.1	Milkfat	33 / 5.3
Somatic Cell Count	0.21	Cow Calving Diff	0.4 / 96	Heifer Calving Diff	-0.1 / 97
Gestation Length	-3.3 days	Body Condition	0.28	Functional Survival	4.4 %
Fertility	3.3 %	Liveweight	24 kg	Udder Overall	0.22

NZ Evaluation Data — 87 Daughters TOP Inspected

Management	gBV
Adapts to Milking	0.25
Shed Temperament	0.24
Milking Speed	0.31
Overall Opinion	0.41
Conformation	**gBV**
Stature	-0.10
Capacity	0.42
Rump Angle	-0.10
Rump Width	0.37
Legs	-0.02
Udder Support	0.28
Front Udder	0.17
Rear Udder	0.25
Front Teat Placement	-0.11
Rear Teat Placement	-0.15
Teat Length	0.54
Udder Overall	0.22
Dairy Conformation	0.62

LIC Initiatives

High Input	VMSI	A2 Protein
1255	1220	A2/A2

23/06/2022

UK PTA — SCI £ 106

HOLSTEIN BASE	BV		BV
Milk kg	-273	SCC	16
Fat kg	9.6	Lifespan	62
Fat %	0.44	Fertility Index	-
Protein kg	0.7	UK Daughters	0
Protein %	0.21	UK Herds	0

SCI£ Rel% & Fertility not available at the time of publishing

Source: AHDB April 2022

Half Sister of 62 519040

62 519040 KEGZY ROTARY

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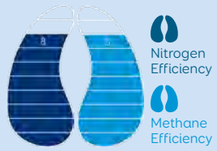

gBW/Rel **360/58%**

Breeding Details

Split	F10J6
Sire	JUST ONCE COOPER
MGS	FAIRMONT MINT-EDITION
MGGS	OKURA MANHATTEN ET SJ3

Production gBVs — 0 Daughters

Milk	124 l	Protein	26 / 4.2	Milkfat	46 / 5.6
Somatic Cell Count	0.11	Cow Calving Diff	-0.8 / 76	Heifer Calving Diff	-0.7 / 37
Gestation Length	-6.0 days	Body Condition	-0.03	Functional Survival	2.1 %
Fertility	2.3 %	Liveweight	12 kg	Udder Overall	0.11

NZ Evaluation Data — 0 Daughters TOP Inspected

Management	gBV
Adapts to Milking	0.40
Shed Temperament	0.41
Milking Speed	0.13
Overall Opinion	0.45
Conformation	**gBV**
Stature	0.24
Capacity	0.03
Rump Angle	-0.31
Rump Width	-0.16
Legs	0.04
Udder Support	0.26
Front Udder	0.14
Rear Udder	0.34
Front Teat Placement	-0.35
Rear Teat Placement	0.06
Teat Length	0.00
Udder Overall	0.11
Dairy Conformation	0.23

LIC Initiatives

High Input	VMSI	A2 Protein
1338	1320	A1/A2

23/06/2022

UK PTA — SCI £ 289

HOLSTEIN BASE	BV		BV
Milk kg	-254	SCC	11
Fat kg	14	Lifespan	54
Fat %	0.52	Fertility Index	-
Protein kg	6.2	UK Daughters	0
Protein %	0.31	UK Herds	0

SCI£ Rel% & Fertility not available at the time of publishing

Source: AHDB April 2022

Sire of 62 520007 Straight Up

68 520007 JULIAN STRAIGHT UP

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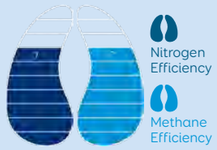

gBW/Rel **416/57%**

Breeding Details

Split	J11F5
Sire	CRESCENT EXCELL MISTY ET
MGS	SAN RAY FM BEAMER-ET S2F
MGGS	OKURA LIKA MURMUR S3J

Production gBVs — 0 Daughters

Milk	-281 l	Protein	13 / 4.3	Milkfat	48 / 6.2
Somatic Cell Count	-0.21	Cow Calving Diff	-0.6 / 72	Heifer Calving Diff	-1.4 / 34
Gestation Length	0.3 days	Body Condition	0.34	Functional Survival	3.1 %
Fertility	3.4 %	Liveweight	20 kg	Udder Overall	0.48

NZ Evaluation Data — 0 Daughters TOP Inspected

Management	gBV
Adapts to Milking	0.11
Shed Temperament	0.10
Milking Speed	0.09
Overall Opinion	0.21
Conformation	**gBV**
Stature	0.26
Capacity	1.29
Rump Angle	0.31
Rump Width	-0.01
Legs	0.23
Udder Support	0.32
Front Udder	0.53
Rear Udder	0.56
Front Teat Placement	0.02
Rear Teat Placement	-0.18
Teat Length	-0.11
Udder Overall	0.48
Dairy Conformation	0.91

LIC Initiatives

High Input	VMSI	A2 Protein
1370	1309	A2/A2

23/06/2022

UK PTA — SCI £ 170

HOLSTEIN BASE	BV		BV
Milk kg	-404	SCC	7
Fat kg	14.1	Lifespan	29
Fat %	0.67	Fertility Index	-
Protein kg	-0.4	UK Daughters	0
Protein %	0.29	UK Herds	0

SCI£ Rel% & Fertility not available at the time of publishing

Source: AHDB April 2022

68 520033 DOWSON HONENUI-ET

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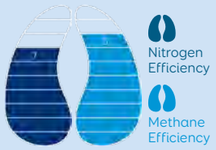

gBW/Rel **385/55%**

Breeding Details

Split	J9F7
Sire	GREENWELL BLACKHAWK
MGS	BRAEDENE MANZ TRUMPET ET
MGGS	TIRONUI MUR KELSTON S3J

Production gBVs — 0 Daughters

Milk	-213 l	Protein	24 / 4.5	Milkfat	40 / 5.9
Somatic Cell Count	0.22	Cow Calving Diff	-1.5 / 86	Heifer Calving Diff	-2.6 / 80
Gestation Length	0.6 days	Body Condition	0.10	Functional Survival	3.1 %
Fertility	3.9 %	Liveweight	27 kg	Udder Overall	1.10

NZ Evaluation Data — 0 Daughters TOP Inspected

Management	gBV
Adapts to Milking	0.32
Shed Temperament	0.33
Milking Speed	0.07
Overall Opinion	0.40
Conformation	**gBV**
Stature	0.27
Capacity	0.54
Rump Angle	0.23
Rump Width	0.09
Legs	0.03
Udder Support	1.01
Front Udder	1.10
Rear Udder	0.81
Front Teat Placement	0.48
Rear Teat Placement	0.68
Teat Length	-0.01
Udder Overall	1.10
Dairy Conformation	0.60

LIC Initiatives

High Input	VMSI	A2 Protein
1422	1370	A2/A2

23/06/2022

UK PTA — SCI £ 189

HOLSTEIN BASE	BV		BV
Milk kg	-381	SCC	16
Fat kg	11.7	Lifespan	29
Fat %	0.6	Fertility Index	-
Protein kg	2.8	UK Daughters	0
Protein %	0.34	UK Herds	0

SCI£ Rel% & Fertility not available at the time of publishing

Source: AHDB April 2022

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62 520048 BALDRICKS TOUCHDOWN

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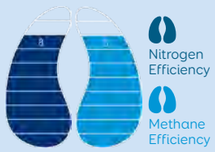

gBW/Rel **447/57%**

Breeding Details	
Split	F9J7
Sire	GLEN KORU PROCLAIMER-ET
MGS	LYNBROOK TERRIFIC ET S3J
MGGS	HOWIES ARKAN RAMADA ET

Production gBVs — 0 Daughters

Milk	-52 l	Protein	25 / 4.4	Milkfat	46 / 5.8
Somatic Cell Count	-0.10	Cow Calving Diff	-0.9 / 70	Heifer Calving Diff	1.3 / 34
Gestation Length	1.8 days	Body Condition	0.18	Functional Survival	2.6 %
Fertility	-0.5 %	Liveweight	-14 kg	Udder Overall	0.60

NZ Evaluation Data — 0 Daughters TOP Inspected

Management	gBV	-0.5	0	0.5	1.0
Adapts to Milking	0.37				
Shed Temperament	0.38				
Milking Speed	0.05				
Overall Opinion	0.36				
Conformation	**gBV**	**-0.5**	**0**	**0.5**	**1.0**
Stature	-0.25				
Capacity	0.66				
Rump Angle	-0.16				
Rump Width	-0.06				
Legs	0.05				
Udder Support	0.51				
Front Udder	0.39				
Rear Udder	0.62				
Front Teat Placement	0.19				
Rear Teat Placement	0.21				
Teat Length	-0.36				
Udder Overall	0.60				
Dairy Conformation	0.64				

LIC Initiatives

High Input	VMSI	A2 Protein
1416	1380	A1/A2

23/06/2022

UK PTA — SCI £ **350**

HOLSTEIN BASE	BV		BV
Milk kg	-328	SCC	6
Fat kg	14	Lifespan	69
Fat %	0.59	Fertility Index	-
Protein kg	5.9	UK Daughters	0
Protein %	0.36	UK Herds	0

SCI£ Rel% & Fertility not available at the time of publishing

Source: AHDB April 2022

62 520085 SNOWLINE BENJI

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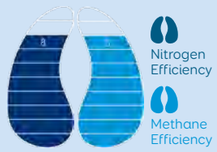

gBW/Rel **460/57%**

Breeding Details	
Split	F12J4
Sire	GLEN KORU ETHOS-ET S1F
MGS	ARKANS PERSPECTIVE-ET
MGGS	MAIRE PF GOLDEN BOY S2F

Production gBVs — 0 Daughters

Milk	97 l	Protein	28 / 4.3	Milkfat	58 / 5.9
Somatic Cell Count	-0.10	Cow Calving Diff	0.1 / 75	Heifer Calving Diff	0.5 / 38
Gestation Length	-6.3 days	Body Condition	0.20	Functional Survival	2.5 %
Fertility	2.5 %	Liveweight	28 kg	Udder Overall	0.20

NZ Evaluation Data — 0 Daughters TOP Inspected

Management	gBV	-0.5	0	0.5	1.0
Adapts to Milking	0.00				
Shed Temperament	0.00				
Milking Speed	0.05				
Overall Opinion	-0.03				
Conformation	**gBV**	**-0.5**	**0**	**0.5**	**1.0**
Stature	0.33				
Capacity	0.35				
Rump Angle	0.66				
Rump Width	0.06				
Legs	-0.05				
Udder Support	0.15				
Front Udder	0.23				
Rear Udder	0.21				
Front Teat Placement	0.04				
Rear Teat Placement	0.10				
Teat Length	0.29				
Udder Overall	0.20				
Dairy Conformation	0.44				

LIC Initiatives

High Input	VMSI	A2 Protein
1406	1370	A1/A2

23/06/2022

UK PTA — SCI £ **358**

HOLSTEIN BASE	BV		BV
Milk kg	-265	SCC	6
Fat kg	17.7	Lifespan	66
Fat %	0.61	Fertility Index	-
Protein kg	6.8	UK Daughters	0
Protein %	0.33	UK Herds	0

SCI£ Rel% & Fertility not available at the time of publishing

Source: AHDB April 2022

62 511011 PRIESTS SIERRA

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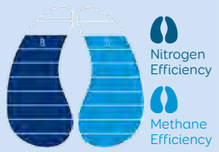

gBW/Rel **340/99%**

Breeding Details	
Split	F11J5
Sire	FAIRMONT MINT-EDITION
MGS	INGRAMS RAMROD
MGGS	AMADEUS JC12

Production gBVs — 91567 Daughters

Milk	487 l	Protein	28 / 4.0	Milkfat	42 / 5.1
Somatic Cell Count	-0.16	Cow Calving Diff	0.2 / 99	Heifer Calving Diff	2.4 / 99
Gestation Length	-6.6 days	Body Condition	0.05	Functional Survival	2.9 %
Fertility	5.4 %	Liveweight	40 kg	Udder Overall	0.46

NZ Evaluation Data — 559 Daughters TOP Inspected

Management	gBV	-0.5	0	0.5	1.0
Adapts to Milking	0.60				
Shed Temperament	0.63				
Milking Speed	0.02				
Overall Opinion	0.52				
Conformation	**gBV**	**-0.5**	**0**	**0.5**	**1.0**
Stature	0.56				
Capacity	0.51				
Rump Angle	-0.01				
Rump Width	0.03				
Legs	0.10				
Udder Support	0.51				
Front Udder	0.38				
Rear Udder	0.52				
Front Teat Placement	0.22				
Rear Teat Placement	1.04				
Teat Length	-0.76				
Udder Overall	0.46				
Dairy Conformation	0.61				

LIC Initiatives

High Input	VMSI	A2 Protein
1344	1309	A2/A2

23/06/2022

UK PTA — SCI £/REL % **273/92**

HOLSTEIN BASE	BV		BV
Milk kg	-195	SCC	4
Fat kg	10.8	Lifespan	6
Fat %	0.39	Fertility Index	3.9
Protein kg	5.3	UK Daughters	1250
Protein %	0.25	UK Herds	103

Source: AHDB April 2022

62 517043 GLEN KORU PROCLAIMER-ET

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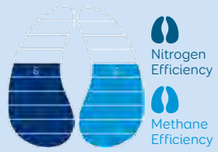

gBW/Rel **374/98%**

Breeding Details	
Split	F11J5
Sire	GYDELAND EXCEL INCA S3F
MGS	NEVRON SHOWMAN
MGGS	SCOTTS NORTHSEA

Production gBVs — 2487 Daughters

Milk	379 l	Protein	32 / 4.1	Milkfat	52 / 5.4
Somatic Cell Count	0.29	Cow Calving Diff	0.0 / 97	Heifer Calving Diff	1.2 / 89
Gestation Length	2.2 days	Body Condition	0.05	Functional Survival	2.4 %
Fertility	-5.8 %	Liveweight	-3 kg	Udder Overall	0.18

NZ Evaluation Data — 116 Daughters TOP Inspected

Management	gBV	-0.5	0	0.5	1.0
Adapts to Milking	0.44				
Shed Temperament	0.45				
Milking Speed	0.01				
Overall Opinion	0.51				
Conformation	**gBV**	**-0.5**	**0**	**0.5**	**1.0**
Stature	-0.11				
Capacity	0.53				
Rump Angle	0.16				
Rump Width	-0.46				
Legs	0.05				
Udder Support	0.18				
Front Udder	0.09				
Rear Udder	0.27				
Front Teat Placement	-0.02				
Rear Teat Placement	0.09				
Teat Length	-0.11				
Udder Overall	0.18				
Dairy Conformation	0.47				

LIC Initiatives

High Input	VMSI	A2 Protein
1349	1333	A2/A2

23/06/2022

UK PTA — SCI £/REL % **314/58**

HOLSTEIN BASE	BV		BV
Milk kg	-141	SCC	12
Fat kg	15.4	Lifespan	21
Fat %	0.44	Fertility Index	-0.3
Protein kg	8.5	UK Daughters	0
Protein %	0.27	UK Herds	0

Source: AHDB April 2022

62 516074 CROSSANS CRITICAL-ET

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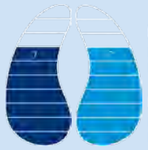

gBW/Rel **370/98%**

Breeding Details	
Split	F10J6
Sire	KRAAKMANS JAYDIE
MGS	ALCAMENO COMMANDER
MGGS	DAYSH'S LANDMARK GR

Production gBVs 3124 Daughters

Milk	924 l	Protein	41 / 3.9	Milkfat	42 / 4.7
Somatic Cell Count	-0.28	Cow Calving Diff	-0.2 / 98	Heifer Calving Diff	-0.8 / 99
Gestation Length	-7.7 days	Body Condition	0.11	Functional Survival	1.7 %
Fertility	-3.4 %	Liveweight	1 kg	Udder Overall	0.51

NZ Evaluation Data 111 Daughters TOP Inspected

Management	gBV	-0.5	0	0.5	1.0
Adapts to Milking	0.39				
Shed Temperament	0.40				
Milking Speed	0.12				
Overall Opinion	0.43				
Conformation	**gBV**	**-0.5**	**0**	**0.5**	**1.0**
Stature	-0.44				
Capacity	0.72				
Rump Angle	-0.02				
Rump Width	-0.36				
Legs	0.16				
Udder Support	0.47				
Front Udder	0.47				
Rear Udder	0.40				
Front Teat Placement	0.38				
Rear Teat Placement	0.88				
Teat Length	-0.03				
Udder Overall	0.51				
Dairy Conformation	0.53				

LIC Initiatives

High Input	VMSI	A2 Protein
1369	1356	A2/A2

23/06/2022

UK PTA SCI £/REL % **320/58**

HOLSTEIN BASE	BV		BV
Milk kg	45	SCC	-1
Fat kg	12	Lifespan	-6
Fat %	0.2	Fertility Index	1.8
Protein kg	10	UK Daughters	0
Protein %	0.17	UK Herds	0

Source: AHDB April 2022

62 517023 HORIZON BOULEVARD-ET

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gBW/Rel **313/97%**

Breeding Details	
Split	F10J6
Sire	SAN RAY FM BEAMER-ET S2F
MGS	PUKETAWA AD SUPERSTITION
MGGS	VALDEN HI APPLAUSE-ET S2F

Production gBVs 1811 Daughters

Milk	819 l	Protein	45 / 4.0	Milkfat	46 / 4.9
Somatic Cell Count	0.61	Cow Calving Diff	-0.4 / 91	Heifer Calving Diff	3.0 / 86
Gestation Length	-3.7 days	Body Condition	0.04	Functional Survival	1.9 %
Fertility	-0.9 %	Liveweight	57 kg	Udder Overall	0.36

NZ Evaluation Data 98 Daughters TOP Inspected

Management	gBV	-0.5	0	0.5	1.0
Adapts to Milking	0.12				
Shed Temperament	0.11				
Milking Speed	0.16				
Overall Opinion	0.30				
Conformation	**gBV**	**-0.5**	**0**	**0.5**	**1.0**
Stature	0.14				
Capacity	0.84				
Rump Angle	0.05				
Rump Width	1.27				
Legs	0.12				
Udder Support	0.35				
Front Udder	0.25				
Rear Udder	0.50				
Front Teat Placement	-0.14				
Rear Teat Placement	-0.21				
Teat Length	-0.42				
Udder Overall	0.36				
Dairy Conformation	0.78				

LIC Initiatives

High Input	VMSI	A2 Protein
1344	1307	A2/A2

23/06/2022

UK PTA SCI £/REL % **311/55**

HOLSTEIN BASE	BV		BV
Milk kg	-23	SCC	24
Fat kg	15	Lifespan	60
Fat %	0.32	Fertility Index	4.1
Protein kg	11	UK Daughters	0
Protein %	0.23	UK Herds	0

Source: AHDB April 2022

62 516066 WALTON INFERNO

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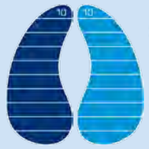

gBW/Rel **451/92%**

Breeding Details	
Split	F9J7
Sire	PRIESTS SOLARIS-ET
MGS	HOWIES CHECKPOINT
MGGS	WOODCOTE TF MAXIMISER

Production gBVs 124 Daughters

Milk	247 l	Protein	32 / 4.3	Milkfat	39 / 5.3
Somatic Cell Count	-0.58	Cow Calving Diff	-0.8 / 98	Heifer Calving Diff	-1.5 / 99
Gestation Length	-8.4 days	Body Condition	0.10	Functional Survival	3.3 %
Fertility	4.9 %	Liveweight	-7 kg	Udder Overall	0.36

NZ Evaluation Data 107 Daughters TOP Inspected

Management	gBV	-0.5	0	0.5	1.0
Adapts to Milking	0.48				
Shed Temperament	0.50				
Milking Speed	0.10				
Overall Opinion	0.43				
Conformation	**gBV**	**-0.5**	**0**	**0.5**	**1.0**
Stature	-0.04				
Capacity	0.28				
Rump Angle	-0.13				
Rump Width	-0.27				
Legs	-0.06				
Udder Support	0.32				
Front Udder	0.33				
Rear Udder	0.02				
Front Teat Placement	0.51				
Rear Teat Placement	0.71				
Teat Length	-0.39				
Udder Overall	0.36				
Dairy Conformation	0.36				

LIC Initiatives

High Input	VMSI	A2 Protein
1405	1387	A2/A2

23/06/2022

UK PTA SCI £/REL % **485/52**

HOLSTEIN BASE	BV		BV
Milk kg	-219	SCC	-6
Fat kg	11.5	Lifespan	82
Fat %	0.43	Fertility Index	9.7
Protein kg	6.6	UK Daughters	0
Protein %	0.29	UK Herds	0

Source: AHDB April 2022

62 517042 LUCK-AT-LAST INSPIRED-ET

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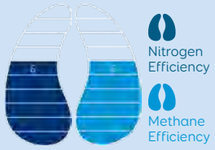

gBW/Rel **343/98%**

Breeding Details	
Split	F9J7
Sire	SAN RAY FM BEAMER-ET S2F
MGS	LYNBROOK TERRIFIC ET S3J
MGGS	SCOTTS NORTHSEA

Production gBVs 2389 Daughters

Milk	456 l	Protein	26 / 4.0	Milkfat	42 / 5.2
Somatic Cell Count	-0.06	Cow Calving Diff	-0.5 / 95	Heifer Calving Diff	0.2 / 98
Gestation Length	-6.2 days	Body Condition	0.11	Functional Survival	1.4 %
Fertility	-3.6 %	Liveweight	-7 kg	Udder Overall	0.72

NZ Evaluation Data 106 Daughters TOP Inspected

Management	gBV	-0.5	0	0.5	1.0
Adapts to Milking	0.23				
Shed Temperament	0.23				
Milking Speed	0.26				
Overall Opinion	0.38				
Conformation	**gBV**	**-0.5**	**0**	**0.5**	**1.0**
Stature	-0.54				
Capacity	0.70				
Rump Angle	0.30				
Rump Width	0.52				
Legs	0.33				
Udder Support	0.74				
Front Udder	0.50				
Rear Udder	1.00				
Front Teat Placement	-0.06				
Rear Teat Placement	0.46				
Teat Length	-0.27				
Udder Overall	0.72				
Dairy Conformation	0.63				

LIC Initiatives

High Input	VMSI	A2 Protein
1355	1331	A2/A2

23/06/2022

UK PTA SCI £/REL % **333/55**

HOLSTEIN BASE	BV		BV
Milk kg	-206	SCC	4
Fat kg	11.5	Lifespan	27
Fat %	0.42	Fertility Index	1.4
Protein kg	4.2	UK Daughters	0
Protein %	0.23	UK Herds	0

Source: AHDB April 2022

68 515019 LYNBROOK KNIGHT ET

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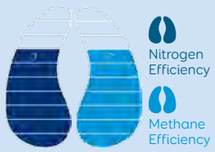

gBW/Rel **290/98%**

Breeding Details	
Split	J8F7A1
Sire	CASTLEGRACE DAREDEVIL
MGS	OKURA LIKA MURMUR S3J
MGGS	SCOTTS NORTHSEA

Production gBVs — 3773 Daughters

Milk	119 l	Protein	19 / 4.1	Milkfat	25 / 5.2
Somatic Cell Count	-0.41	Cow Calving Diff	0.1 / 92	Heifer Calving Diff	-1.1 / 85
Gestation Length	-0.1 days	Body Condition	0.12	Functional Survival	0.5 %
Fertility	2.3 %	Liveweight	-20 kg	Udder Overall	-0.03

NZ Evaluation Data — 64 Daughters TOP Inspected

Management	gBV	-0.5 0 0.5 1.0
Adapts to Milking	-0.22	
Shed Temperament	-0.22	
Milking Speed	-0.32	
Overall Opinion	-0.13	
Conformation	**gBV**	**-0.5 0 0.5 1.0**
Stature	-0.81	
Capacity	1.27	
Rump Angle	0.08	
Rump Width	0.11	
Legs	0.30	
Udder Support	-0.07	
Front Udder	0.01	
Rear Udder	0.51	
Front Teat Placement	-0.49	
Rear Teat Placement	-0.32	
Teat Length	0.30	
Udder Overall	-0.03	
Dairy Conformation	0.91	

LIC Initiatives

High Input	VMSI	A2 Protein
1255	1213	A2/A2

23/06/2022

UK PTA — SCI £/REL % **331/45**

HOLSTEIN BASE	BV		BV
Milk kg	-302	SCC	0
Fat kg	5	Lifespan	0
Fat %	0.38	Fertility Index	5.8
Protein kg	0.4	UK Daughters	0
Protein %	0.23	UK Herds	0

Source: AHDB April 2022

68 515011 LYNSKEYS LIAM

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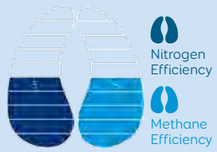

gBW/Rel **196/98%**

Breeding Details	
Split	J9F6
Sire	PRIESTS SOLARIS-ET
MGS	NEVRON SHOWMAN
MGGS	NUMANS LORD NELSON

Production gBVs — 4441 Daughters

Milk	-37 l	Protein	12 / 4.1	Milkfat	7 / 4.9
Somatic Cell Count	-0.61	Cow Calving Diff	-0.1 / 90	Heifer Calving Diff	-0.4 / 96
Gestation Length	-3.4 days	Body Condition	0.26	Functional Survival	4.3 %
Fertility	-2.0 %	Liveweight	-14 kg	Udder Overall	0.42

NZ Evaluation Data — 85 Daughters TOP Inspected

Management	gBV	-0.5 0 0.5 1.0
Adapts to Milking	0.56	
Shed Temperament	0.57	
Milking Speed	0.17	
Overall Opinion	0.50	
Conformation	**gBV**	**-0.5 0 0.5 1.0**
Stature	-1.05	
Capacity	0.90	
Rump Angle	-0.64	
Rump Width	-0.21	
Legs	0.01	
Udder Support	0.36	
Front Udder	0.44	
Rear Udder	0.46	
Front Teat Placement	0.12	
Rear Teat Placement	0.36	
Teat Length	-0.55	
Udder Overall	0.42	
Dairy Conformation	0.54	

LIC Initiatives

High Input	VMSI	A2 Protein
1174	1158	A2/A2

23/06/2022

UK PTA — SCI £/REL % **268/55**

HOLSTEIN BASE	BV		BV
Milk kg	-390	SCC	-6
Fat kg	-1.9	Lifespan	106
Fat %	0.31	Fertility Index	1.7
Protein kg	-2	UK Daughters	0
Protein %	0.24	UK Herds	0

Source: AHDB April 2022

68 515018 LYNBROOK KRYPTON ET

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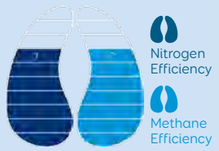

gBW/Rel **301/91%**

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

Production gBVs — 96 Daughters

Milk	1230 l	Protein	40 / 3.7	Milkfat	44 / 4.5
Somatic Cell Count	0.17	Cow Calving Diff	-0.2 / 73	Heifer Calving Diff	-1.5 / 65
Gestation Length	-3.7 days	Body Condition	0.05	Functional Survival	2.2 %
Fertility	3.9 %	Liveweight	46 kg	Udder Overall	0.33

NZ Evaluation Data — 89 Daughters TOP Inspected

Management	gBV	-0.5 0 0.5 1.0
Adapts to Milking	0.40	
Shed Temperament	0.40	
Milking Speed	0.14	
Overall Opinion	0.43	
Conformation	**gBV**	**-0.5 0 0.5 1.0**
Stature	0.17	
Capacity	0.92	
Rump Angle	-0.09	
Rump Width	0.34	
Legs	0.07	
Udder Support	0.25	
Front Udder	0.33	
Rear Udder	0.36	
Front Teat Placement	0.06	
Rear Teat Placement	0.02	
Teat Length	0.00	
Udder Overall	0.33	
Dairy Conformation	0.75	

LIC Initiatives

High Input	VMSI	A2 Protein
1316	1278	A1/A2

23/06/2022

UK PTA — SCI £ **91**

HOLSTEIN BASE	BV		BV
Milk kg	88	SCC	15
Fat kg	12.8	Lifespan	5
Fat %	0.18	Fertility Index	-
Protein kg	7.5	UK Daughters	0
Protein %	0.09	UK Herds	0

SCI£ Rel% & Fertility not available at the time of publishing

Source: AHDB April 2022

68 515017 LYNBROOK KARTELL

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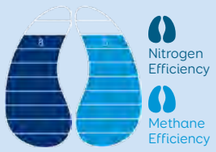

gBW/Rel **280/93%**

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

Production gBVs — 338 Daughters

Milk	34 l	Protein	22 / 4.2	Milkfat	24 / 5.2
Somatic Cell Count	0.42	Cow Calving Diff	-0.8 / 95	Heifer Calving Diff	-0.9 / 99
Gestation Length	-4.5 days	Body Condition	-0.04	Functional Survival	1.4 %
Fertility	4.7 %	Liveweight	-8 kg	Udder Overall	0.55

NZ Evaluation Data — 73 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	0.24	
Conformation	**gBV**	**-0.5 0 0.5 1.0**
Stature	-0.55	
Capacity	0.29	
Rump Angle	0.09	
Rump Width	0.41	
Legs	0.29	
Udder Support	0.36	
Front Udder	0.63	
Rear Udder	0.66	
Front Teat Placement	0.04	
Rear Teat Placement	-0.01	
Teat Length	-0.05	
Udder Overall	0.55	
Dairy Conformation	0.15	

LIC Initiatives

High Input	VMSI	A2 Protein
1283	1253	A1/A2

23/06/2022

UK PTA — SCI £ **103**

HOLSTEIN BASE	BV		BV
Milk kg	-301	SCC	20
Fat kg	6.9	Lifespan	-16
Fat %	0.42	Fertility Index	-
Protein kg	2.2	UK Daughters	0
Protein %	0.26	UK Herds	0

SCI£ Rel% & Fertility not available at the time of publishing

Source: AHDB April 2022

68 515025 SPEAKES SLIPSTREAM ET

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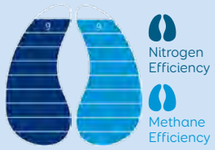

gBW/Rel **458/93%**

Breeding Details

Split	J10F6		
Sire	PUKEROA TGM MANZELLO		
MGS	FAIRMONT MINT-EDITION		
MGGS	TAWA GROVE MAUNGA ET SJ3		

Production gBVs — 237 Daughters

Milk	203 l	Protein	23 / 4.1	Milkfat	46 / 5.5
Somatic Cell Count	-0.26	Cow Calving Diff	-0.1 / 98	Heifer Calving Diff	0.4 / 99
Gestation Length	1.2 days	Body Condition	0.07	Functional Survival	3.1 %
Fertility	7.2 %	Liveweight	-7 kg	Udder Overall	1.07

NZ Evaluation Data — 81 Daughters TOP Inspected

Management	gBV	-0.5	0	0.5	1.0
Adapts to Milking	0.30				
Shed Temperament	0.30				
Milking Speed	0.23				
Overall Opinion	0.32				
Conformation	**gBV**	**-0.5**	**0**	**0.5**	**1.0**
Stature	0.08				
Capacity	0.53				
Rump Angle	-0.04				
Rump Width	0.43				
Legs	-0.06				
Udder Support	0.98				
Front Udder	0.98				
Rear Udder	1.00				
Front Teat Placement	0.24				
Rear Teat Placement	0.39				
Teat Length	0.10				
Udder Overall	1.07				
Dairy Conformation	0.50				

LIC Initiatives

High Input	VMSI	A2 Protein
1468	1420	A2/A2

23/06/2022

UK PTA — SCI £/REL % 354/50

HOLSTEIN BASE	BV		BV
Milk kg	-286	SCC	7
Fat kg	11.7	Lifespan	33
Fat %	0.5	Fertility Index	7.8
Protein kg	2	UK Daughters	0
Protein %	0.25	UK Herds	0

Source: AHDB April 2022

68 516080 CLUTHA LEA PARETAI

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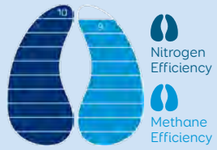


gBW/Rel **322/89%**

Breeding Details

Split	J9F7		
Sire	LYNBROOK TERRIFIC ET S3J		
MGS	MOURNE GROVE HOTHOUSE S2F		
MGGS	HOWIES HOWS ZAT		

Production gBVs — 78 Daughters

Milk	329 l	Protein	27 / 4.1	Milkfat	17 / 4.8
Somatic Cell Count	0.11	Cow Calving Diff	-0.7 / 67	Heifer Calving Diff	0.1 / 34
Gestation Length	-3.8 days	Body Condition	0.10	Functional Survival	5.7 %
Fertility	6.8 %	Liveweight	-23 kg	Udder Overall	1.07

NZ Evaluation Data — 71 Daughters TOP Inspected

Management	gBV	-0.5	0	0.5	1.0
Adapts to Milking	0.71				
Shed Temperament	0.72				
Milking Speed	0.52				
Overall Opinion	0.67				
Conformation	**gBV**	**-0.5**	**0**	**0.5**	**1.0**
Stature	-0.60				
Capacity	0.26				
Rump Angle	-0.20				
Rump Width	-0.32				
Legs	-0.01				
Udder Support	1.00				
Front Udder	0.81				
Rear Udder	0.95				
Front Teat Placement	0.40				
Rear Teat Placement	0.59				
Teat Length	-0.48				
Udder Overall	1.07				
Dairy Conformation	0.30				

LIC Initiatives

High Input	VMSI	A2 Protein
1352	1319	A2/A2

23/06/2022

UK PTA — SCI £/REL % 359/45

HOLSTEIN BASE	BV		BV
Milk kg	-248	SCC	14
Fat kg	2.4	Lifespan	69
Fat %	0.27	Fertility Index	9.2
Protein kg	2.9	UK Daughters	0
Protein %	0.24	UK Herds	0

Source: AHDB April 2022

Breeding Details

Split	F8J8	MGS	SCOTTS NORTHSEA
Sire	PRIESTS SOLARIS-ET	MGGS	SRC TIROHANGA PM APACHE

Production gBVs — 53218 Daughters

Milk	151 l	Protein	14 / 4.0	Milkfat	17 / 5.0
Somatic Cell Count	-0.41	Cow Calving Diff	-1.3 / 98	Heifer Calving Diff	-1.6 / 100
Gestation Length	-5.3 days	Body Condition	0.28	Functional Survival	3.2 %
Fertility	2.2 %	Liveweight	6 kg	Udder Overall	0.74

NZ Evaluation Data — 394 Daughters TOP Inspected

Management	gBV	-0.5	0	0.5	1.0
Overall Opinion	0.45				
Conformation	**gBV**	**-0.5**	**0**	**0.5**	**1.0**
Udder Overall	0.74				
Dairy Conformation	0.73				

UK PTA — SCI £/REL % 225 / 60

HOLSTEIN BASE	BV		BV
Milk kg	-359	Fat kg/%	-0.2 / 0.32
Protein kg/%	-2.7 / 0.2	Fertility Index	5.7

68 511051 DRYSDALES SOVEREIGN

gBW/Rel **238/99%**

Breeding Details

Split	J12F4	MGS	SCOTTS NORTHSEA
Sire	PUKEROA TGM MANZELLO	MGGS	JUDDS ADMIRAL

Production gBVs — 143 Daughters

Milk	-400 l	Protein	14 / 4.5	Milkfat	39 / 6.1
Somatic Cell Count	0.03	Cow Calving Diff	-0.9 / 92	Heifer Calving Diff	-2.4 / 94
Gestation Length	-6.6 days	Body Condition	0.03	Functional Survival	0.8 %
Fertility	3.8 %	Liveweight	-40 kg	Udder Overall	0.61

NZ Evaluation Data — 90 Daughters TOP Inspected

Management	gBV	-0.5	0	0.5	1.0
Overall Opinion	0.40				
Conformation	**gBV**	**-0.5**	**0**	**0.5**	**1.0**
Udder Overall	0.61				
Dairy Conformation	0.28				

UK PTA — SCI £/REL % 417 / 52

HOLSTEIN BASE	BV		BV
Milk kg	-484	Fat kg/%	10.5 / 0.68
Protein kg/%	0.1 / 0.36	Fertility Index	5.9

68 515062 DUGGANS GAMEPLAN

gBW/Rel **424/92%**

Breeding Details

Split	J10F6	MGS	FAIRMONT MINT-EDITION
Sire	PUKEROA TGM MANZELLO	MGGS	WHINLEA PALAD ECKLAND-ET

Production gBVs — 107 Daughters

Milk	181 l	Protein	24 / 4.2	Milkfat	40 / 5.4
Somatic Cell Count	0.48	Cow Calving Diff	0.9 / 68	Heifer Calving Diff	-2.5 / 53
Gestation Length	-3.5 days	Body Condition	0.02	Functional Survival	0.5 %
Fertility	6.2 %	Liveweight	40 kg	Udder Overall	0.40

NZ Evaluation Data — 90 Daughters TOP Inspected

Management	gBV	-0.5	0	0.5	1.0
Overall Opinion	0.42				
Conformation	**gBV**	**-0.5**	**0**	**0.5**	**1.0**
Udder Overall	0.40				
Dairy Conformation	0.72				

UK PTA — SCI £/REL % 306 / 50

HOLSTEIN BASE	BV		BV
Milk kg	-266	Fat kg/%	11.1 / 0.47
Protein kg/%	3.1 / 0.25	Fertility Index	8.9

68 515059 TAUNTS REVENGE

gBW/Rel **299/91%**

Source: AHDB April 2022

23/06/2022

Breeding Details

Split	J9F7	**MGS**	OKURA LIKA MURMUR S3J
Sire	PRIESTS SOLARIS-ET	**MGGS**	SRB COLLINS ROYAL HUGO

Production gBVs — 80 Daughters

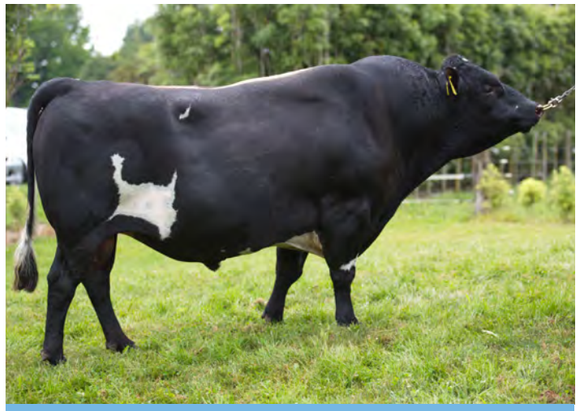
Milk	210 l	**Protein**	18 / 4.0	**Milkfat**	22 / 5.0
Somatic Cell Count	-0.97	**Cow Calving Diff**	-1.0 / 69	**Heifer Calving Diff**	-1.7 / 41
Gestation Length	-2.7 days	**Body Condition**	0.24	**Functional Survival**	4.9 %
Fertility	10.5 %	**Liveweight**	1 kg	**Udder Overall**	0.13

NZ Evaluation Data — 74 Daughters TOP Inspected

Management	gBV	-0.5	0	0.5	1.0
Overall Opinion	**0.30**				
Conformation	**gBV**	**-0.5**	**0**	**0.5**	**1.0**
Udder Overall	**0.13**				
Dairy Conformation	**0.58**				

UK PTA — SCI £/REL % 356 / 51

HOLSTEIN BASE	BV		BV
Milk kg	**-295**	Fat kg/%	**2.8 / 0.32**
Protein kg/%	**-0.4 / 0.2**	Fertility Index	**13.6**



68 515028 ZONA
CROSSFIRE

gBW/Rel **342/90%**

Breeding Details

Split	J10F6	**MGS**	SCOTTS NORTHSEA
Sire	NEVRON SHOWMAN	**MGGS**	GLOAMING SS FOREVER GR

Production gBVs — 17113 Daughters

Milk	104 l	**Protein**	17 / 4.1	**Milkfat**	24 / 5.2
Somatic Cell Count	0.12	**Cow Calving Diff**	-0.5 / 96	**Heifer Calving Diff**	-0.5 / 94
Gestation Length	-6.8 days	**Body Condition**	0.07	**Functional Survival**	1.1 %
Fertility	3.3 %	**Liveweight**	-28 kg	**Udder Overall**	0.27

NZ Evaluation Data — 117 Daughters TOP Inspected

Management	gBV	-0.5	0	0.5	1.0
Overall Opinion	**0.22**				
Conformation	**gBV**	**-0.5**	**0**	**0.5**	**1.0**
Udder Overall	**0.27**				
Dairy Conformation	**0.13**				

UK PTA — SCI £/REL % 368 / 62

HOLSTEIN BASE	BV		BV
Milk kg	**-226**	Fat kg/%	**7 / 0.34**
Protein kg/%	**3.2 / 0.23**	Fertility Index	**7.3**

68 512048 ATHLIAM
PACEMAKER

gBW/Rel **285/99%**

Breeding Details

Split	F13J3	**MGS**	INGRAMS RAMROD
Sire	WEARNES FE TE POI S3F	**MGGS**	SCOTTS NORTHSEA

Production gBVs — 112 Daughters

Milk	449 l	**Protein**	20 / 3.8	**Milkfat**	20 / 4.7
Somatic Cell Count	-0.68	**Cow Calving Diff**	-1.4 / 68	**Heifer Calving Diff**	1.3 / 31
Gestation Length	-3.7 days	**Body Condition**	0.07	**Functional Survival**	2.6 %
Fertility	5.4 %	**Liveweight**	-26 kg	**Udder Overall**	0.05

NZ Evaluation Data — 97 Daughters TOP Inspected

Management	gBV	-0.5	0	0.5	1.0
Overall Opinion	**0.28**				
Conformation	**gBV**	**-0.5**	**0**	**0.5**	**1.0**
Udder Overall	**0.05**				
Dairy Conformation	**0.41**				

UK PTA — SCI £/REL % 324 / 56

HOLSTEIN BASE	BV		BV
Milk kg	**-230**	Fat kg/%	**1.3 / 0.23**
Protein kg/%	**0.7 / 0.18**	Fertility Index	**7.3**

Half sister of 62 514060 Fahrenheit

62 514060 WHITE CLIFFS
FAHRENHEIT

gBW/Rel **280/92%**

Source: AHDB April 2022

23/06/2022

DAUGHTERS

Daughter of 68 515066 DUEL

Daughter of 68 511051 SOVEREIGN

Daughter of 68 515062 GAMEPLAN

Daughter of 68 512048 PACEMAKER

Daughter of 62 511011 SIERRA

Daughter of 62 517043 PROCLAIMER

Daughter of 62 516074 CRITICAL

Daughter of 62 517023 BOULEVARD

Daughter of 62 516066 INFERNO

Daughter of 62 517042 INSPIRED

Daughter of 68 515011 LIAM

Daughter of 68 515019 KNIGHT

Daughter of 68 515017 KARTELL

Daughter of 68 515018 KRYPTON

Daughter of 68 515025 SLIPSTREAM

Daughter of 68 516080 PARETAI

ALL KIWICROSS®

HBN	Name	gBW/Rel	Milk volume (litres)	Fat kg	Protein kg	Fat %	Protein %	Somatic Cell Count	Fertility %	Functional Survival	Body Condition Score	HCD / Rel %	CCD / Rel %	Gestation Length	Liveweight	Capacity	Udder overall	High Input	Nitrogen Efficiency	Methane Efficiency	ACI £ / Rel	Milk Kg	Fat Kg	Protein Kg	Fat %	Protein %	SCC	Lifespan	Fertility	Sire (Short name)	A2 Status	Breed Split	Proven Status	NZ Daughters	UK Daughters
KiwiCross® | New Release Elite Bulls																																			
62 516070	Baldrick Trixster-ET *	339 / 91	980	56	44	4.9	3.9	0.14	1.5	-0.8	0.03	0.8 / 62	0.0 / 91	-8.9	67	0.70	0.05	1352	7	7	231 / 53	45	16.6	10.4	0.29	0.17	10	-33	3.9	BEAMER	A1/A2	F13J3	NZ	115	0
62 520085	Snowline Benji *	460 / 57	97	58	28	5.9	4.3	-0.10	2.5	2.5	0.20	0.5 / 38	0.1 / 75	-6.3	28	0.35	0.20	1406	8	8	342	-265	17.7	6.8	0.61	0.33	6	66	-	ETHOS	A1/A2	F12J4	Gen	0	0
62 518063	Van Straalens Safari *	387 / 87	642	38	36	4.9	4.0	-0.18	-0.4	2.7	0.15	0.7 / 79	-1.0 / 90	-0.8	-7	0.74	0.73	1387	7	7	304 / 47	-148	9.0	6.4	0.31	0.23	-2	0	0.8	GRANITE	A2/A2	F11J5	NZ	106	0
62 518019	Diggs Hardcopy *	484 / 85	297	51	29	5.5	4.2	-0.71	7.8	2.3	0.16	-2.9 / 42	-0.8 / 68	-7.6	14	0.37	0.20	1427	10	10	325	-181	15.5	7.1	0.48	0.27	-11	60	-	SOVEREIGN	A2/A2	F10J6	NZ	87	0
62 519040	Kegzy Rotary	360 / 58	124	46	26	5.6	4.2	0.11	2.3	2.1	-0.03	-0.7 / 37	-0.8 / 76	-6.0	12	0.03	0.11	1338	8	8	276	-254	14.0	6.2	0.52	0.31	11	54	-	COOPER	A1/A2	F10J6	Gen	0	0
62 517055	Taramont Springtide	303 / 91	886	45	42	4.8	4.0	0.45	-4.1	1.0	-0.01	-0.1 / 72	-0.3 / 91	-10.4	42	0.90	1.06	1406	6	6	206 / 51	55	13.4	11.1	0.22	0.18	21	-27	1.1	SOVEREIGN	A2/A2	F10J6	NZ	111	0
62 520048	Baldricks Touchdown	447 / 57	-52	46	25	5.8	4.4	-0.10	-0.5	2.6	0.18	1.3 / 34	-0.9 / 70	1.8	-14	0.66	0.60	1416	8	8	330	-328	14.0	5.9	0.59	0.36	6	69	-	PROCLAIMER	A1/A2	F9J7	Gen	0	0
62 518038	Werders Premonition *	481 / 89	200	62	28	5.8	4.2	-0.48	-0.5	4.0	0.07	0.1 / 97	-0.2 / 91	-7.5	24	0.63	0.66	1457	8	8	394 / 48	-270	20.9	5.1	0.68	0.30	-5	0	2.4	SIERRA	A2/A2	F8J8	NZ	163	0
68 520033	Dowson Honenui-ET	385 / 55	-213	40	24	5.9	4.5	0.22	3.9	3.1	0.10	-2.6 / 80	-1.5 / 86	0.6	27	0.54	1.10	1422	7	7	163	-381	11.7	2.8	0.60	0.34	16	29	-	BLACKHAWK	A2/A2	J9F7	Gen	0	0
68 518072	Deans Professional *	282 / 89	119	33	17	5.3	4.1	0.20	3.3	4.4	0.28	-0.1 / 97	0.4 / 96	-3.3	24	0.42	0.22	1255	7	7	97	-273	9.6	0.7	0.44	0.21	16	62	-	BESIEGE	A2/A2	J9F7	NZ	157	0
68 515066	Van Straalens Duel	299 / 91	-61	36	18	5.6	4.2	0.03	3.3	1.9	0.13	0.1 / 60	-0.5 / 76	-6.5	37	0.77	0.51	1311	7	7	230 / 47	-413	7.4	-0.4	0.54	0.30	9	5	5.8	TITAN	A1/A2	J10F6	NZ	103	0
68 520007	Julian Straight Up *	416 / 57	-281	48	13	6.2	4.3	-0.21	3.4	3.1	0.34	-1.4 / 34	-0.6 / 72	0.3	20	1.29	0.49	1370	7	7	144	-404	14.1	-0.4	0.67	0.29	7	29	-	MISTY	A2/A2	J11F5	Gen	0	0
KiwiCross® | Premier Bulls																																			
62 516048	Matahui Explicit	301 / 91	594	43	38	5.0	4.1	-0.11	-2.9	2.2	0.06	3.0 / 78	-0.4 / 93	-3.3	61	0.60	0.52	1318	5	5	219 / 52	-136	12.4	7.7	0.37	0.25	6	6	0.2	BREAKTHROUGH	A2/A2	F13J3	NZ	105	0
62 517043	Glen Koru Proclaimer-ET	374 / 98	379	52	32	5.4	4.1	0.29	-5.8	2.4	0.05	1.2 / 89	0.0 / 97	2.2	-3	0.53	0.18	1349	6	6	295 / 58	-141	15.4	8.5	0.44	0.27	12	21	-0.3	INCA	A2/A2	F11J5	NZ	2487	0
62 511011	Priests Sierra	340 / 99	487	42	28	5.1	4.0	-0.16	5.4	2.9	0.05	2.4 / 99	0.2 / 99	-6.6	40	0.51	0.46	1344	8	8	245 / 92	-195	10.8	5.3	0.39	0.25	4	6	3.9	MINT-EDITION	A2/A2	F11J5	NZ/UK	91567	1250
62 516074	Crossans Critical-ET	370 / 98	924	42	41	4.7	3.9	-0.28	-3.4	1.7	0.11	-0.8 / 99	-0.2 / 98	-7.7	1	0.72	0.51	1369	7	7	309 / 58	45	12.0	10.0	0.20	0.17	-1	-6	1.8	JAYDIE	A2/A2	F10J6	NZ	3124	0
62 517023	Horizon Boulevard-ET *	313 / 97	819	46	45	4.9	4.0	0.61	-0.9	1.9	0.04	3.0 / 86	-0.4 / 91	-3.7	57	0.84	0.36	1344	6	6	313 / 55	-23	15.0	11.0	0.32	0.23	24	60	4.1	BEAMER	A2/A2	F10J6	NZ	1811	0
62 514050	Taramont Waverider	242 / 91	878	41	37	4.7	3.9	0.48	0.6	1.5	0.08	1.2 / 50	-0.3 / 72	-2.7	70	0.65	0.43	1292	5	5	142 / 55	-1	12.8	8.6	0.26	0.17	24	-61	2.6	INTENSITY	A2/A2	F10J6	NZ	105	0
62 512024	Werders Prelude	165 / 99	556	18	31	4.6	4.0	0.12	-2.9	1.8	0.13	0.0 / 95	-0.1 / 95	-4.1	44	0.78	0.60	1215	5	5	236 / 84	-73	4.7	8.3	0.16	0.22	15	-12	4.3	SHOWMAN	A2/A2	F10J6	NZ/UK	25316	199
62 516066	Walton Inferno *	451 / 92	247	39	32	5.3	4.3	-0.58	4.9	3.3	0.10	-1.5 / 99	-0.8 / 98	-8.4	-7	0.28	0.36	1405	10	10	471 / 52	-219	11.5	6.6	0.43	0.29	-6	82	9.7	SOLARIS	A2/A2	F9J7	NZ	124	0
62 515058	Kahurangi Izabull	352 / 98	432	39	30	5.1	4.1	-0.02	0.9	2.3	-0.18	-1.7 / 98	-0.4 / 97	-6.4	-20	-0.12	0.44	1335	9	9	361 / 55	-194	11.7	5.2	0.41	0.24	8	42	3.4	RAMADA	A1/A1	F9J7	NZ	2887	0
62 517042	Luck-at-Last Inspired-ET	343 / 98	456	42	26	5.2	4.0	-0.06	-3.6	1.4	0.11	0.2 / 98	-0.5 / 95	-6.2	-7	0.70	0.72	1355	6	6	304 / 55	-206	11.5	4.2	0.42	0.23	4	27	1.4	BEAMER	A2/A2	F9J7	NZ	2389	0
62 517026	Howses Springfield *	286 / 98	-234	27	13	5.6	4.3	-0.76	-1.7	1.8	0.11	-1.0 / 98	-0.8 / 96	-2.1	3	0.85	0.54	1280	5	5	283 / 50	-478	6.8	0.0	0.59	0.36	-14	0	2.0	SOVEREIGN	A2/A2	F9J7	NZ	2445	0
62 515068	Woodwards Spot On	277 / 92	117	30	17	5.3	4.1	-0.21	3.6	2.3	0.16	-0.7 / 99	-0.6 / 97	2.0	19	1.15	0.22	1267	6	6	297 / 50	-216	9.6	3.8	0.39	0.23	9	39	8.5	VIBE	A2/A2	F9J7	NZ	234	0
62 511026	Arkans Beaut ET	274 / 99	510	27	32	4.8	4.0	-0.28	-0.3	3.2	0.09	-0.3 / 100	-0.3 / 99	-6.7	13	0.43	0.12	1257	7	7	317 / 86	-101	9.0	8.3	0.27	0.24	0	57	2.0	SHOWMAN	A1/A2	F9J7	NZ/UK	92446	283
62 515032	Howses Standout	212 / 98	-308	20	12	5.6	4.4	0.37	2.5	1.7	-0.09	3.0 / 68	-1.3 / 74	0.5	8	0.70	1.10	1282	6	6	218 / 55	-490	4.1	0.2	0.55	0.37	17	3	5.0	PROMOTION	A1/A2	F9J7	NZ	1728	0
68 516080	Clutha Lea Paretai	322 / 89	329	17	27	4.8	4.1	0.11	6.8	5.7	0.10	0.1 / 34	-0.7 / 67	-3.8	-22	0.26	1.07	1352	10	10	315 / 45	-248	2.4	2.9	0.27	0.24	14	69	9.2	TERRIFIC	A2/A2	J9F7	NZ	78	0
68 515018	Lynbrook Krypton ET	301 / 91	1230	44	40	4.5	3.7	0.17	3.9	2.2	0.05	-1.5 / 65	-0.2 / 73	-3.7	46	0.92	0.33	1316	7	7	97	88	12.8	7.5	0.18	0.09	15	5	-	RAMADA	A1/A2	J8F7A1	NZ	96	0
68 515019	Lynbrook Knight ET	290 / 98	119	25	19	5.2	4.1	-0.41	2.3	0.5	0.12	-1.1 / 85	0.1 / 92	-0.1	-20	1.27	-0.03	1255	7	7	296 / 45	-302	5.0	0.4	0.38	0.23	0	0	5.8	DAREDEVIL	A2/A2	J8F7A1	NZ	3773	0
68 515017	Lynbrook Kartell *	280 / 93	34	24	22	5.2	4.2	0.42	4.7	1.4	-0.04	-0.9 / 99	-0.8 / 95	-4.5	-8	0.29	0.55	1283	8	8	70	-301	6.9	2.2	0.42	0.26	20	-16	-	RAMADA	A1/A2	J8F7A1	NZ	338	0
68 516015	Hyjinks Snapper	256 / 98	-34	28	11	5.4	4.1	-0.06	-0.9	2.8	0.32	0.8 / 98	0.4 / 92	1.3	10	0.40	0.61	1266	5	5	165 / 51	-402	4.7	-3.0	0.47	0.23	11	17	2.0	TERRIFIC	A1/A2	J9F7	NZ	1613	0
68 515025	Speakes Slipstream ET *	458 / 93	203	46	23	5.5	4.1	-0.26	7.2	3.1	0.07	0.4 / 99	-0.1 / 98	1.2	-7	0.53	1.07	1468	9	9	310 / 50	-286	11.7	2.0	0.50	0.25	7	33	7.8	MANZELLO	A2/A2	J10F6	NZ	237	0
68 515011	Lynskeys Liam	196 / 98	-37	7	12	4.9	4.1	-0.61	-2.0	4.3	0.26	-0.4 / 96	-0.1 / 90	-3.4	-14	0.90	0.42	1174	5	5	230 / 55	-390	-1.9	-2.0	0.31	0.24	-6	106	1.7	SOLARIS	A2/A2	J9F6	NZ	4441	0
KiwiCross® | Classic Bulls																																			
62 514047	Taramont Hightide	192 / 98	173	28	26	5.2	4.2	0.28	-5.7	3.1	-0.06	0.2 / 80	-1.2 / 81	2.3	22	0.19	0.07	1200	4	4	215 / 58	-305	6.8	4.0	0.42	0.30	17	57	-0.1	CHECKPOINT	A1/A2	F9J7	NZ	2407	0
68 511007	Castlegrace Mako	181 / 99	-122	16	17	5.2	4.3	0.08	-1.6	2.6	0.27	-1.0 / 99	-0.2 / 93	-4.6	28	0.77	0.23	1176	5	5	103 / 82	-497	0.9	-0.6	0.48	0.36	14	17	1.8	SENSATION	A2/A2	J9F7	NZ/UK	18242	145
62 514060	White Cliffs Fahrenheit	280 / 92	449	20	20	4.7	3.8	-0.68	5.4	2.6	0.07	1.3 / 31	-1.4 / 68	-3.7	-26	0.43	0.05	1236	8	8	295 / 56	-230	1.3	0.7	0.23	0.18	-13	30	7.3	TE POI	A1/A1	F13J3	NZ	112	0
62 512005	Just Once Cooper	272 / 99	55	30	15	5.3	4.1	0.18	2.5	1.4	-0.10	-1.2 / 99	-0.7 / 98	-9.3	-18	-0.04	0.46	1277	8	8	208 / 81	-354	2.0	-0.5	0.36	0.25	13	30	1.4	OBSIDIAN	A2/A2	F9J7	NZ/UK	35401	120
62 513074	Schraders Tusk	232 / 99	326	18	18	4.8	3.9	-0.02	4.5	1.6	-0.04	-1.7 / 97	-1.0 / 96	-9.9	-32	-0.06	0.14	1214	9	9	316 / 57	-202	3.8	1.8	0.26	0.18	5	-30	9.3	WARLORD	A1/A2	F9J7	NZ	15894	0
62 513007	Arkans Best Bet	243 / 98	214	32	23	5.2	4.1	0.14	-2.8	1.4	0.11	0.8 / 76	-0.1 / 79	-6.5	22	0.37	0.36	1255	5	5	266 / 58	-250	9.3	4.0	0.42	0.26	10	57	2.3	BEAUT	A1/A1	F8J8	NZ	3271	0
68 511051	Drysdales Sovereign	238 / 99	151	17	14	5.0	4.0	-0.41	2.2	3.2	0.28	-1.6 / 100	-1.3 / 98	-5.3	6	0.90	0.74	1252	6	6	193 / 60	-359	-0.2	-2.7	0.32	0.20	-1	94	5.7	SOLARIS	A2/A2	F8J8	NZ/UK	53218	0
68 515028	Zona Crossfire	342 / 90	210	22	18	5.0	4.0	-0.97	10.5	4.9	0.24	-1.7 / 41	-1.0 / 69	-2.7	1	0.75	0.13	1281	9	9	330 / 51	-295	2.8	-0.4	0.32	0.20	-12	91	13.6	SOLARIS	A2/A2	J9F7	NZ	80	0
68 514018	Glen Koru Epic	268 / 99	253	25	26	5.0	4.1	-0.20	0.4	0.0	-0.01	-1.3 / 94	-0.7 / 97	1.1	-2	0.34	0.30	1264	6	6	233 / 51	-317	3.7	2.2	0.36	0.27	4	36	4.1	CRUSADER	A2/A2	J9F7	NZ	14394	0
68 515059	Taunts Revenge	299 / 91	181	40	24	5.4	4.2	0.48	6.2	0.5	0.02	-2.5 / 53	0.9 / 68	-3.5	40	0.71	0.40	1310	7	7	260 / 50	-266	11.1	3.1	0.47	0.25	20	24	8.9	MANZELLO	A2/A2	J10F6	NZ	107	0
68 512048	Athliam Pacemaker	285 / 99	104	24	17	5.2	4.1	0.12	3.3	1.1	0.07	-0.5 / 94	-0.5 / 96	-6.8	-28	0.04	0.27	1270	8	8	323 / 62	-226	7.0	3.2	0.34	0.23	11	11	7.3	SHOWMAN	A1/A2	J10F6	NZ/UK	17113	11
68 515062	Duggans Gameplan *	424 / 92	-400	39	14	6.1	4.5	0.03	3.8	0.8	0.03	-2.4 / 94	-0.9 / 92	-6.6	-40	0.22	0.61	1388	10	10	343 / 52	-484	10.5	0.1	0.68	0.36	8	20	5.9	MANZELLO	A2/A2	J12F4	NZ	143	0
68 514056	Tirohanga Take Note	262 / 98	124	23	16	5.1	4.0	0.07	3.9	3.1	0.14	-0.2 / 86	-0.8 / 90	-10.0	-6	0.92	0.32	1249	8	8	254 / 53	-298	6.1	0.9	0.40	0.23	8	57	4.4	MANZELLO	A2/A2	J12F4	NZ	2628	0
KiwiCross® | Value Bulls																																			
62 514015	Glen Koru Ethos ET	354 / 99	753	51	39	5.0	4.0	-0.02	0.2	-1.8	0.02	-0.1 / 96	-0.9 / 94	-3.4	40	0.17	0.34	1360	6	6	362 / 81	-78	18.0	11.3	0.43	0.28	7	-36	2.6	BLITZ	A1/A2	F14J2	NZ/UK	3978	54
62 514040	Balantis Bennie	281 / 97	286	35	21	5.2	4.0	0.56	2.2	0.0	-0.06	-0.1 / 80	0.1 / 75	-5.6	-6	0.29	0.55	1303	7	7	258 / 58	-218	8.7	4.2	0.37	0.24	20	-24	4.0	BOLTER	A2/A2	F10J6	NZ	901	0
62 513016	Horizon Blazer ET	250 / 99	297	24	20	5.0	4.0	-0.22	0.9	1.5	0.25	-0.6 / 99	-0.2 / 92	-4.4	13	0.68	0.33	1245	6	6	381 / 65	-85	7.6	6.0	0.23	0.18	0	42	7.8	POWER	A1/A2	F9J7	NZ/UK	20618	10
68 511046	Scotts Britestar	252 / 93	36	22	17	5.2	4.1	-0.11	2.1	3.1	0.04	1.0 / 60	-1.6 / 73	3.6	3	0.25	0.53	1251	6	6	176 / 70	-399	-0.1	-3.3	0.36	0.22	11	45	4.7	SHOWMAN	A2/A2	J9F7	NZ/UK	112	38
68 512042	Cawdor Promotion	269 / 99	-304	18	15	5.5	4.4	0.37	3.9	0.9	-0.19	-1.1 / 96	-1.0 / 90	-0.6	-50	-0.06	0.18	1239	9	9	298 / 80	-408	3.1	1.3	0.44	0.33	9	45	3.3	PROMOTER	A2/A2	J10F6	NZ/UK	8556	182
68 511052	Moodys Executive	226 / 99	428	13	27	4.6	4.0	-0.13	3.4	1.1	0.17	-0.8 / 99	-0.5 / 95	-3.5	-9	0.81	-0.04	1203	8	8	141 / 87	-237	-1.5	1.4	0.18	0.20	5	27	-1.4	GOLDIE	A2/A2	J10F6	NZ/UK	25750	634
68 512046	Te Aranga AP Joseph	233 / 91	-638	13	2	5.8	4.5	-0.07	3.8	1.6	0.10	-3.0 / 35	-1.9 / 70	-4.7	-37	0.43	0.04	1175	8	8	182 / 67	-646	-0.4	-6.3	0.61	0.36	8	-18	5.5	PROMOTER	A2/A2	J13F3	NZ/UK	90	18
KiwiCross® | The Forwards®																																			
FR6823	LIC Kilvoige Stephen	193 / 50	424	36	21	5.1	3.9	0.07	0.4	1.1	-0.03	1.7 / 27	0.1 / 27	-4.1	49	0.27	0.15	1208	5	5	183	-127	10.9	4.6	0.33	0.18	10	24	-	SIERRA	A2/A2	F12J4	Gen	0	0
JE6898	LIC Moorehill Galaxy	241 / 51	117	17	19	5.0	4.1	-0.05	7.8	2.6	0.14	-0.5 / 28	0.0 / 30	-1.1	12	0.32	0.12	1219	8	7	206	117	17.0	19.0	0.33	0.26	7	69	-	EPIC	A2/A2	F9J5O2	Gen	0	0
JE7194	LIC Newbawn Lily	176 / 48	294	31	15	5.1	3.9	-0.25	-1.9	1.7	0.35	0.2 / 25	0.2 / 26	-1.0	74	0.77	0.55	1188	3	4	212	-182	9.3	2.7	0.35	0.18	2	42	-	MISTY	A2/A2	F8J8	Gen	0	0
JE6886	LIC Kilvoige Aaron	355 / 51	-17	45	15	5.7	4.1	0.20	3.3	2.6	0.18	-1.7 / 20	-0.5 / 24	-1.9	2	0.61	0.18	1312	7	8	100	-318	13.1	0.1	0.56	0.23	16	16	-	G-FORCE	A1/A2	J10F6	Gen	0	0

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

KiwiCross bulls are ranked on breed split

Converted bull data does not have ACI£ Rel% or Fertility values available at the time of publishing

Source: AHDB April 2022

Publishing Date: 21/07/2022

LIC abides by the AHDB Dairy and Holstein UK established Code of Advertising

23/06/2022

KiwiCross® | All Bulls

2022/23 Jersey

TOP 5 PERFORMERS

Breeding Worth
New Zealand Herd Jersey Average NZD$213

HBN	Name	BW$ / Rel	Page
68 318009	Tironui Superman ET *	495 / 91	53
68 318021	Glanton Desi Banff *	493 / 91	53
68 316039	Ulmarra TT Gallivant *	424 / 92	56
68 315045	Glenui Degree Hoss *	414 / 96	58
68 311013	Okura LT Integrity	399 / 99	54

£SCI
UK Spring Calving Index

HBN	Name	SCI £ / Rel	Page
68 315045	Glenui Degree Hoss *	497 / 51	58
68 318021	Glanton Desi Banff *	462 / 44	53
68 313017	Bonacord Murmurs Boswell	460 / 52	60
68 312014	Chardonnay Frankie	451 / 92	60
68 318009	Tironui Superman ET *	446 / 44	53

Protein
New Zealand Herd Jersey Average 3 kg / 4.12%

HBN	Name	Protein (kg / %)	Page
68 318009	Tironui Superman ET *	25 / 4.3	53
68 317023	Shepherds LT Flint ET	25 / 4.4	55
68 316036	Foxton PG Coyote ET	22 / 4.1	57
68 314004	Bells OI Floyd	22 / 4.1	56
68 315009	Riverview and Dexter S2J *	20 / 4.2	60

Fat
New Zealand Herd Jersey Average 14 kg / 5.40%

HBN	Name	Fat (kg / %)	Page
68 318009	Tironui Superman ET *	55 / 6.0	53
68 318021	Glanton Desi Banff *	48 / 6.4	53
68 316039	Ulmarra TT Gallivant *	46 / 5.9	56
68 317023	Shepherds LT Flint ET	44 / 5.8	55
68 316036	Foxton PG Coyote ET	38 / 5.3	57

Fertility
New Zealand Herd Jersey Average 1.5 %

HBN	Name	Fertility (%)	Page
68 308076	Cluain WM Hijinx S3J	10.1	60
68 313017	Bonacord Murmurs Boswell	9.3	60
68 312057	Bells CM Conrad S2J	8.9	60
68 316039	Ulmarra TT Gallivant *	6.2	56
68 315009	Riverview and Dexter S2J *	5.1	60

Milk Volume
New Zealand Herd Jersey Average -293 litres

HBN	Name	Volume (l)	Page
68 314004	Bells OI Floyd	200	56
68 316036	Foxton PG Coyote ET	187	57
68 315061	Devon Degree Oasis	111	60
68 315009	Riverview and Dexter S2J *	35	60
68 312057	Bells CM Conrad S2J	7	60

SCC
New Zealand Herd Jersey Average -0.11

HBN	Name	SCC	Page
68 314052	Crescent Excell Misty ET	-0.60	58
68 318021	Glanton Desi Banff *	-0.53	53
68 315045	Glenui Degree Hoss *	-0.51	58
68 312014	Chardonnay Frankie	-0.42	60
68 313055	Glenui 5-Star Harry ET	-0.38	60

Capacity
New Zealand Herd Jersey Average 0.22

HBN	Name	Capacity	Page
68 314052	Crescent Excell Misty ET	1.22	58
68 311013	Okura LT Integrity	0.88	54
68 313040	Flchtl 5-Star Sultan S3J	0.83	60
68 315049	Kaimatarau Terrific Punch	0.76	60
68 315029	Thornwood Degree Trigger *	0.70	52

Udder Overall
New Zealand Herd Jersey Average 0.28

HBN	Name	Udder Overall	Page
68 315029	Thornwood Degree Trigger *	1.19	52
68 315049	Kaimatarau Terrific Punch	1.03	60
68 317060	Paspalum Oi Limelight *	0.95	54
68 310047	Upland Park HTA Mali S3J	0.86	60
68 318009	Tironui Superman ET *	0.72	53

Liveweight
New Zealand Herd Jersey Average -43kg

HBN	Name	Liveweight	Page
68 314052	Crescent Excell Misty ET	12	58
68 314004	Bells OI Floyd	9	56
68 316039	Ulmarra TT Gallivant *	-2	56
68 315061	Devon Degree Oasis	-3	60
68 312057	Bells CM Conrad S2J	-3	60

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

Source: AHDB April 2022

23/06/2022

68 315029 THORNWOOD DEGREE TRIGGER

HoofPrint®

gBW/Rel **365/98%**

Breeding Details	
Split	J16
Sire	ARRIETA NN DEGREE ET
MGS	PUKEROA TGM MANZELLO
MGGS	CRESCENT GSF STANZA ET

Production gBVs — 1289 Daughters

Milk	-228 l	Protein	13 / 4.3	Milkfat	35 / 5.8
Somatic Cell Count	-0.21	Cow Calving Diff	-1.4 / 96	Heifer Calving Diff	-2.5 / 95
Gestation Length	-4.2 days	Body Condition	0.11	Functional Survival	3.1 %
Fertility	0.0 %	Liveweight	-23 kg	Udder Overall	1.19

NZ Evaluation Data — 195 Daughters TOP Inspected

Management	gBV	-0.5	0	0.5	1.0
Adapts to Milking	-0.10				
Shed Temperament	-0.11				
Milking Speed	0.12				
Overall Opinion	0.06				
Conformation	**gBV**	**-0.5**	**0**	**0.5**	**1.0**
Stature	-0.73				
Capacity	0.70				
Rump Angle	-0.66				
Rump Width	-0.15				
Legs	0.01				
Udder Support	0.84				
Front Udder	1.15				
Rear Udder	1.24				
Front Teat Placement	0.36				
Rear Teat Placement	0.27				
Teat Length	-0.65				
Udder Overall	1.19				
Dairy Conformation	0.73				

LIC Initiatives

High Input	VMSI	A2 Protein
1373	1331	A2/A2

23/06/2022

UK PTA — SCI £/REL % **383/54**

HOLSTEIN BASE	BV		BV
Milk kg	-430	SCC	6
Fat kg	11.1	Lifespan	78
Fat %	0.64	Fertility Index	2.8
Protein kg	0	UK Daughters	0
Protein %	0.32	UK Herds	0

Source: AHDB April 2022

68 317034 HEUVEN SUPER WISEGUY

HoofPrint®

gBW/Rel **335/94%**

Breeding Details	
Split	J16
Sire	PUKETAWA AD SUPERSTITION
MGS	LYNBROOK TERRIFIC ET S3J
MGGS	MAGHERACANON DODDY GR

Production gBVs — 343 Daughters

Milk	-170 l	Protein	19 / 4.4	Milkfat	31 / 5.6
Somatic Cell Count	0.18	Cow Calving Diff	-0.7 / 84	Heifer Calving Diff	-3.2 / 63
Gestation Length	-6.2 days	Body Condition	-0.06	Functional Survival	1.7 %
Fertility	3.8 %	Liveweight	-31 kg	Udder Overall	0.04

NZ Evaluation Data — 94 Daughters TOP Inspected

Management	gBV	-0.5	0	0.5	1.0
Adapts to Milking	0.40				
Shed Temperament	0.40				
Milking Speed	0.32				
Overall Opinion	0.43				
Conformation	**gBV**	**-0.5**	**0**	**0.5**	**1.0**
Stature	-0.60				
Capacity	0.32				
Rump Angle	-0.30				
Rump Width	-0.12				
Legs	0.02				
Udder Support	0.03				
Front Udder	-0.11				
Rear Udder	0.25				
Front Teat Placement	-0.14				
Rear Teat Placement	-0.18				
Teat Length	-0.19				
Udder Overall	0.04				
Dairy Conformation	0.34				

LIC Initiatives

High Input	VMSI	A2 Protein
1297	1283	A2/A2

23/06/2022

UK PTA — SCI £/REL % **382/50**

HOLSTEIN BASE	BV		BV
Milk kg	-441	SCC	14
Fat kg	8.4	Lifespan	57
Fat %	0.59	Fertility Index	5.6
Protein kg	1.2	UK Daughters	0
Protein %	0.35	UK Herds	0

Source: AHDB April 2022

68 318009 TIRONUI SUPERMAN ET

HoofPrint®

gBW/Rel **495/91%**

Breeding Details	
Split	J16
Sire	PUKETAWA AD SUPERSTITION
MGS	OKURA LT INTEGRITY
MGGS	NOAKES NEVVY S3J

Production gBVs — 202 Daughters

Milk	-12 l	Protein	25 / 4.3	Milkfat	55 / 6.0
Somatic Cell Count	-0.18	Cow Calving Diff	0.2 / 94	Heifer Calving Diff	-1.6 / 95
Gestation Length	-2.4 days	Body Condition	-0.09	Functional Survival	1.3 %
Fertility	0.1 %	Liveweight	-34 kg	Udder Overall	0.72

NZ Evaluation Data — 86 Daughters TOP Inspected

Management	gBV	-0.5	0	0.5	1.0
Adapts to Milking	0.15				
Shed Temperament	0.15				
Milking Speed	0.06				
Overall Opinion	0.25				
Conformation	**gBV**	**-0.5**	**0**	**0.5**	**1.0**
Stature	-0.56				
Capacity	0.50				
Rump Angle	-0.92				
Rump Width	0.49				
Legs	0.10				
Udder Support	0.59				
Front Udder	0.52				
Rear Udder	0.89				
Front Teat Placement	0.10				
Rear Teat Placement	0.16				
Teat Length	0.03				
Udder Overall	0.72				
Dairy Conformation	0.55				

LIC Initiatives

High Input	VMSI	A2 Protein
1472	1445	A2/A2

23/06/2022

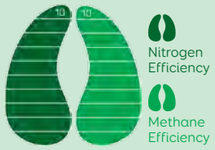
UK PTA — SCI £/REL % **446/44**

HOLSTEIN BASE	BV		BV
Milk kg	-341	SCC	5
Fat kg	19	Lifespan	0
Fat %	0.71	Fertility Index	3.1
Protein kg	4.1	UK Daughters	0
Protein %	0.33	UK Herds	0

Source: AHDB April 2022

68 318021 GLANTON DESI BANFF

HoofPrint®



gBW/Rel **493/91%**

Breeding Details	
Split	J16
Sire	ARRIETA TERRIFIC DESI ET
MGS	TAWA GROVE KRC TANA
MGGS	OKURA MANHATTEN ET SJ3

Production gBVs — 215 Daughters

Milk	-437 l	Protein	17 / 4.6	Milkfat	48 / 6.4
Somatic Cell Count	-0.53	Cow Calving Diff	-1.0 / 95	Heifer Calving Diff	-2.6 / 96
Gestation Length	-7.7 days	Body Condition	0.11	Functional Survival	2.7 %
Fertility	3.9 %	Liveweight	-24 kg	Udder Overall	0.26

NZ Evaluation Data — 114 Daughters TOP Inspected

Management	gBV	-0.5	0	0.5	1.0
Adapts to Milking	0.37				
Shed Temperament	0.38				
Milking Speed	0.07				
Overall Opinion	0.42				
Conformation	**gBV**	**-0.5**	**0**	**0.5**	**1.0**
Stature	-0.75				
Capacity	0.63				
Rump Angle	-0.25				
Rump Width	0.29				
Legs	0.04				
Udder Support	0.06				
Front Udder	0.29				
Rear Udder	0.40				
Front Teat Placement	-0.12				
Rear Teat Placement	-0.73				
Teat Length	-0.13				
Udder Overall	0.26				
Dairy Conformation	0.57				

LIC Initiatives

High Input	VMSI	A2 Protein
1411	1376	A2/A2

23/06/2022

UK PTA — SCI £/REL % **462/44**

HOLSTEIN BASE	BV		BV
Milk kg	-570	SCC	2
Fat kg	13.4	Lifespan	0
Fat %	0.84	Fertility Index	6
Protein kg	-0.3	UK Daughters	0
Protein %	0.43	UK Herds	0

Source: AHDB April 2022

68 311013 OKURA LT INTEGRITY

HoofPrint®

gBW/Rel **399/99%**

Breeding Details	
Split	J16
Sire	LYNBROOK TERRIFIC ET S3J
MGS	MITCHELLS LIKABULL SJ3
MGGS	FYN LEMVIG

Production gBVs 34854 Daughters

Milk	-96 l	Protein	14 / 4.2	Milkfat	38 / 5.7
Somatic Cell Count	-0.06	Cow Calving Diff	-0.7 / 99	Heifer Calving Diff	-2.3 / 99
Gestation Length	-0.3 days	Body Condition	0.21	Functional Survival	3.7 %
Fertility	-0.1 %	Liveweight	-43 kg	Udder Overall	0.58

NZ Evaluation Data 1570 Daughters TOP Inspected

Management	gBV	-0.5	0	0.5	1.0
Adapts to Milking	0.27				
Shed Temperament	0.29				
Milking Speed	-0.26				
Overall Opinion	0.40				
Conformation	**gBV**	**-0.5**	**0**	**0.5**	**1.0**
Stature	-0.98				
Capacity	0.88				
Rump Angle	0.05				
Rump Width	-0.15				
Legs	0.08				
Udder Support	0.50				
Front Udder	0.31				
Rear Udder	0.90				
Front Teat Placement	0.00				
Rear Teat Placement	0.31				
Teat Length	-0.69				
Udder Overall	0.58				
Dairy Conformation	0.75				

LIC Initiatives

High Input	VMSI	A2 Protein
1361	1311	A1/A2

Registered Pedigree in the UK 23/06/2022

UK PTA SCI £/REL % **402/90**

HOLSTEIN BASE	BV		BV
Milk kg	-375	SCC	11
Fat kg	15.3	Lifespan	66
Fat %	0.67	Fertility Index	1.1
Protein kg	2.9	UK Daughters	709
Protein %	0.34	UK Herds	76

Source: AHDB April 2022

68 317060 PASPALUM OI LIMELIGHT

HoofPrint®

gBW/Rel **379/86%**

Breeding Details	
Split	J16
Sire	OKURA LT INTEGRITY
MGS	GLENHAVEN TGM GENIUS S3J
MGGS	OKURA MANHATTEN ET SJ3

Production gBVs 78 Daughters

Milk	-277 l	Protein	10 / 4.3	Milkfat	29 / 5.7
Somatic Cell Count	-0.18	Cow Calving Diff	-0.7 / 70	Heifer Calving Diff	-2.9 / 49
Gestation Length	1.3 days	Body Condition	-0.01	Functional Survival	2.8 %
Fertility	2.5 %	Liveweight	-62 kg	Udder Overall	0.95

NZ Evaluation Data 55 Daughters TOP Inspected

Management	gBV	-0.5	0	0.5	1.0
Adapts to Milking	0.58				
Shed Temperament	0.60				
Milking Speed	0.15				
Overall Opinion	0.58				
Conformation	**gBV**	**-0.5**	**0**	**0.5**	**1.0**
Stature	-1.03				
Capacity	0.32				
Rump Angle	-0.19				
Rump Width	-0.14				
Legs	0.08				
Udder Support	0.78				
Front Udder	0.72				
Rear Udder	0.98				
Front Teat Placement	0.33				
Rear Teat Placement	0.42				
Teat Length	-0.83				
Udder Overall	0.95				
Dairy Conformation	0.39				

LIC Initiatives

High Input	VMSI	A2 Protein
1366	1339	A1/A2

23/06/2022

UK PTA SCI £/REL % **410/50**

HOLSTEIN BASE	BV		BV
Milk kg	-462	SCC	7
Fat kg	9.8	Lifespan	33
Fat %	0.64	Fertility Index	3.7
Protein kg	-0.4	UK Daughters	0
Protein %	0.33	UK Herds	0

Source: AHDB April 2022

68 317023 SHEPHERDS LT FLINT ET

HoofPrint®

gBW/Rel **377/97%**

Breeding Details	
Split	J16
Sire	LYNBROOK TERRIFIC ET S3J
MGS	OKURA LIKA MURMUR S3J
MGGS	HAYWARDS TGM AIM S3J

Production gBVs 1030 Daughters

Milk	-102 l	Protein	25 / 4.4	Milkfat	44 / 5.8
Somatic Cell Count	0.07	Cow Calving Diff	-0.3 / 96	Heifer Calving Diff	-1.3 / 93
Gestation Length	1.5 days	Body Condition	0.05	Functional Survival	1.8 %
Fertility	-9.9 %	Liveweight	-31 kg	Udder Overall	0.43

NZ Evaluation Data 150 Daughters TOP Inspected

Management	gBV	-0.5	0	0.5	1.0
Adapts to Milking	0.52				
Shed Temperament	0.52				
Milking Speed	0.24				
Overall Opinion	0.56				
Conformation	**gBV**	**-0.5**	**0**	**0.5**	**1.0**
Stature	-0.59				
Capacity	0.51				
Rump Angle	0.30				
Rump Width	0.32				
Legs	0.13				
Udder Support	0.39				
Front Udder	0.11				
Rear Udder	0.67				
Front Teat Placement	0.05				
Rear Teat Placement	0.29				
Teat Length	0.15				
Udder Overall	0.43				
Dairy Conformation	0.55				

LIC Initiatives

High Input	VMSI	A2 Protein
1350	1350	A2/A2

23/06/2022

UK PTA SCI £/REL % **286/52**

HOLSTEIN BASE	BV		BV
Milk kg	-385	SCC	13
Fat kg	12.5	Lifespan	39
Fat %	0.62	Fertility Index	-8.1
Protein kg	4	UK Daughters	0
Protein %	0.37	UK Herds	0

Source: AHDB April 2022

68 312059 LYNBROOK GG QUICKSILVER

HoofPrint®

gBW/Rel **347/99%**

Breeding Details	
Split	J16
Sire	GLENHAVEN TGM GENIUS S3J
MGS	NOAKES NEVVY S3J
MGGS	OKURA MANHATTEN ET SJ3

Production gBVs 7968 Daughters

Milk	-476 l	Protein	8 / 4.4	Milkfat	32 / 6.1
Somatic Cell Count	0.01	Cow Calving Diff	-0.4 / 93	Heifer Calving Diff	-1.8 / 97
Gestation Length	-2.1 days	Body Condition	0.09	Functional Survival	5.3 %
Fertility	3.6 %	Liveweight	-22 kg	Udder Overall	0.46

NZ Evaluation Data 240 Daughters TOP Inspected

Management	gBV	-0.5	0	0.5	1.0
Adapts to Milking	0.27				
Shed Temperament	0.27				
Milking Speed	0.26				
Overall Opinion	0.34				
Conformation	**gBV**	**-0.5**	**0**	**0.5**	**1.0**
Stature	-0.75				
Capacity	0.42				
Rump Angle	-0.29				
Rump Width	0.06				
Legs	0.04				
Udder Support	0.35				
Front Udder	0.46				
Rear Udder	0.52				
Front Teat Placement	-0.03				
Rear Teat Placement	-0.27				
Teat Length	0.28				
Udder Overall	0.46				
Dairy Conformation	0.36				

LIC Initiatives

High Input	VMSI	A2 Protein
1303	1271	A2/A2

Registered Pedigree in the UK 23/06/2022

UK PTA SCI £/REL % **325/73**

HOLSTEIN BASE	BV		BV
Milk kg	-804	SCC	11
Fat kg	-2.4	Lifespan	139
Fat %	0.75	Fertility Index	8.6
Protein kg	-9.8	UK Daughters	66
Protein %	0.41	UK Herds	6

Source: AHDB April 2022

68 314004 BELLS OI FLOYD

HoofPrint®

gBW/Rel **358/99%**

Breeding Details	
Split	J15F1
Sire	OKURA LT INTEGRITY
MGS	SHALENDY IDEAL ASCENT S3J
MGGS	DAYSH'S LANDMARK GR

Production gBVs 6526 Daughters

Milk	200 l	Protein	22 / 4.1	Milkfat	38 / 5.3
Somatic Cell Count	-0.19	Cow Calving Diff	-1.2 / 98	Heifer Calving Diff	-1.8 / 99
Gestation Length	-2.2 days	Body Condition	0.30	Functional Survival	3.9 %
Fertility	1.2 %	Liveweight	9 kg	Udder Overall	0.41

NZ Evaluation Data 357 Daughters TOP Inspected

Management	gBV	-0.5	0	0.5	1.0
Adapts to Milking	0.12				
Shed Temperament	0.12				
Milking Speed	-0.07				
Overall Opinion	0.30				
Conformation	**gBV**	**-0.5**	**0**	**0.5**	**1.0**
Stature	-0.13				
Capacity	0.62				
Rump Angle	0.26				
Rump Width	0.44				
Legs	-0.10				
Udder Support	0.43				
Front Udder	0.22				
Rear Udder	0.64				
Front Teat Placement	-0.19				
Rear Teat Placement	-0.14				
Teat Length	-0.01				
Udder Overall	0.41				
Dairy Conformation	0.58				

LIC Initiatives

High Input	VMSI	A2 Protein
1327	1282	A2/A2

23/06/2022

UK PTA SCI £/REL % **361/57**

HOLSTEIN BASE	BV		BV
Milk kg	-272	SCC	6
Fat kg	13.9	Lifespan	69
Fat %	0.53	Fertility Index	3.8
Protein kg	4.4	UK Daughters	0
Protein %	0.29	UK Herds	0

Source: AHDB April 2022

68 316039 ULMARRA TT GALLIVANT

HoofPrint®

gBW/Rel **424/92%**

Breeding Details	
Split	J16
Sire	THORNWOOD OLM THOR
MGS	MARSDEN NN EXCELL ET
MGGS	GLENHAVEN TGM GENIUS S3J

Production gBVs 140 Daughters

Milk	-115 l	Protein	17 / 4.3	Milkfat	46 / 5.9
Somatic Cell Count	-0.03	Cow Calving Diff	-0.9 / 94	Heifer Calving Diff	-2.5 / 93
Gestation Length	-0.2 days	Body Condition	0.07	Functional Survival	2.8 %
Fertility	6.2 %	Liveweight	-2 kg	Udder Overall	0.61

NZ Evaluation Data 117 Daughters TOP Inspected

Management	gBV	-0.5	0	0.5	1.0
Adapts to Milking	0.32				
Shed Temperament	0.32				
Milking Speed	0.04				
Overall Opinion	0.39				
Conformation	**gBV**	**-0.5**	**0**	**0.5**	**1.0**
Stature	-0.30				
Capacity	0.61				
Rump Angle	-0.19				
Rump Width	-0.06				
Legs	0.10				
Udder Support	0.34				
Front Udder	0.71				
Rear Udder	0.75				
Front Teat Placement	0.08				
Rear Teat Placement	-0.06				
Teat Length	0.25				
Udder Overall	0.61				
Dairy Conformation	0.58				

LIC Initiatives

High Input	VMSI	A2 Protein
1388	1337	A1/A2

23/06/2022

UK PTA SCI £/REL % **421/48**

HOLSTEIN BASE	BV		BV
Milk kg	-424	SCC	8
Fat kg	14.7	Lifespan	30
Fat %	0.71	Fertility Index	8.6
Protein kg	0.7	UK Daughters	0
Protein %	0.33	UK Herds	0

Source: AHDB April 2022

68 314012 KAITAKA OI LEOPARD ET

HoofPrint®

gBW/Rel **318/99%**

Breeding Details	
Split	J16
Sire	OKURA LT INTEGRITY
MGS	TAWA GROVE MAUNGA ET SJ3
MGGS	WILLAND ADS SAMUAL

Production gBVs 4860 Daughters

Milk	-459 l	Protein	4 / 4.3	Milkfat	25 / 5.9
Somatic Cell Count	-0.31	Cow Calving Diff	-0.6 / 97	Heifer Calving Diff	-1.8 / 98
Gestation Length	-4.3 days	Body Condition	-0.09	Functional Survival	2.9 %
Fertility	2.0 %	Liveweight	-58 kg	Udder Overall	0.62

NZ Evaluation Data 243 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	0.30				
Conformation	**gBV**	**-0.5**	**0**	**0.5**	**1.0**
Stature	-0.85				
Capacity	-0.16				
Rump Angle	-0.40				
Rump Width	-0.02				
Legs	-0.15				
Udder Support	0.50				
Front Udder	0.45				
Rear Udder	0.56				
Front Teat Placement	0.36				
Rear Teat Placement	0.46				
Teat Length	-0.69				
Udder Overall	0.62				
Dairy Conformation	0.12				

LIC Initiatives

High Input	VMSI	A2 Protein
1281	1270	A2/A2

23/06/2022

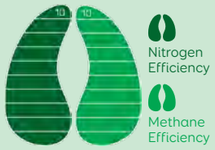
UK PTA SCI £/REL % **391/72**

HOLSTEIN BASE	BV		BV
Milk kg	-607	SCC	10
Fat kg	3.3	Lifespan	60
Fat %	0.66	Fertility Index	4.2
Protein kg	-4.9	UK Daughters	30
Protein %	0.36	UK Herds	4

Source: AHDB April 2022

68 316036 FOXTON PG COYOTE ET

HoofPrint®



gBW/Rel **381/96%**

Breeding Details	
Split	J16
Sire	PUHIPUHI CAPS GOLDIE S3J
MGS	ARRIETA NN DEGREE ET
MGGS	KIRKS RI CHARISMA ET GR

Production gBVs 686 Daughters

Milk	187 l	Protein	22 / 4.1	Milkfat	38 / 5.3
Somatic Cell Count	0.14	Cow Calving Diff	-0.7 / 87	Heifer Calving Diff	-2.5 / 82
Gestation Length	-3.6 days	Body Condition	0.00	Functional Survival	2.0 %
Fertility	4.5 %	Liveweight	-44 kg	Udder Overall	0.07

NZ Evaluation Data 93 Daughters TOP Inspected

Management	gBV	-0.5	0	0.5	1.0
Adapts to Milking	0.46				
Shed Temperament	0.48				
Milking Speed	0.11				
Overall Opinion	0.45				
Conformation	**gBV**	**-0.5**	**0**	**0.5**	**1.0**
Stature	-0.75				
Capacity	0.62				
Rump Angle	0.04				
Rump Width	-0.17				
Legs	0.21				
Udder Support	-0.17				
Front Udder	-0.08				
Rear Udder	0.47				
Front Teat Placement	-0.14				
Rear Teat Placement	-0.48				
Teat Length	0.04				
Udder Overall	0.07				
Dairy Conformation	0.45				

LIC Initiatives

High Input	VMSI	A2 Protein
1323	1292	A2/A2

23/06/2022

UK PTA SCI £/REL % **387/50**

HOLSTEIN BASE	BV		BV
Milk kg	-295	SCC	13
Fat kg	12.1	Lifespan	78
Fat %	0.52	Fertility Index	5.7
Protein kg	2.3	UK Daughters	0
Protein %	0.26	UK Herds	0

Source: AHDB April 2022

68 314052 CRESCENT EXCELL MISTY ET

HoofPrint®

Nitrogen Efficiency

Methane Efficiency

gBW/Rel **365/99%**

Breeding Details

Split	J16
Sire	MARSDEN NN EXCELL ET
MGS	RIVERINA GREENMAN
MGGS	TAWA GROVE MAUNGA ET SJ3

Production gBVs — 9246 Daughters

Milk	-683 l	Protein	7 / 4.6	Milkfat	35 / 6.5
Somatic Cell Count	-0.60	Cow Calving Diff	-0.7 / 99	Heifer Calving Diff	-2.1 / 99
Gestation Length	-0.7 days	Body Condition	0.41	Functional Survival	4.0 %
Fertility	-0.7 %	Liveweight	12 kg	Udder Overall	0.40

NZ Evaluation Data — 645 Daughters TOP Inspected

Management	gBV	-0.5	0	0.5	1.0
Adapts to Milking	0.23				
Shed Temperament	0.22				
Milking Speed	0.20				
Overall Opinion	0.33				
Conformation	**gBV**	**-0.5**	**0**	**0.5**	**1.0**
Stature	-0.36				
Capacity	1.22				
Rump Angle	0.22				
Rump Width	-0.21				
Legs	0.02				
Udder Support	0.24				
Front Udder	0.64				
Rear Udder	0.25				
Front Teat Placement	0.05				
Rear Teat Placement	-0.42				
Teat Length	0.46				
Udder Overall	0.40				
Dairy Conformation	0.81				

LIC Initiatives

High Input	VMSI	A2 Protein
1303	1261	A2/A2

Registered Pedigree in the UK 23/06/2022

UK PTA — SCI £/REL % 364/52

HOLSTEIN BASE	BV		BV
Milk kg	-641	SCC	-2
Fat kg	10.5	Lifespan	94
Fat %	0.86	Fertility Index	3.8
Protein kg	-3.1	UK Daughters	0
Protein %	0.43	UK Herds	0

Source: AHDB April 2022

68 315045 GLENUI DEGREE HOSS

HoofPrint®

Nitrogen Efficiency

Methane Efficiency

gBW/Rel **414/96%**

Breeding Details

Split	J16
Sire	ARRIETA NN DEGREE ET
MGS	KONUI GLEN ELMOS BOWIE
MGGS	LOSTAHILL FOREVERS BLAKE

Production gBVs — 747 Daughters

Milk	-317 l	Protein	12 / 4.4	Milkfat	34 / 5.9
Somatic Cell Count	-0.51	Cow Calving Diff	-0.9 / 98	Heifer Calving Diff	-1.7 / 98
Gestation Length	2.3 days	Body Condition	0.18	Functional Survival	3.5 %
Fertility	2.8 %	Liveweight	-33 kg	Udder Overall	0.66

NZ Evaluation Data — 123 Daughters TOP Inspected

Management	gBV	-0.5	0	0.5	1.0
Adapts to Milking	-0.04				
Shed Temperament	-0.06				
Milking Speed	0.20				
Overall Opinion	0.16				
Conformation	**gBV**	**-0.5**	**0**	**0.5**	**1.0**
Stature	-0.64				
Capacity	0.28				
Rump Angle	0.01				
Rump Width	-0.05				
Legs	0.09				
Udder Support	0.48				
Front Udder	0.45				
Rear Udder	0.72				
Front Teat Placement	0.18				
Rear Teat Placement	-0.09				
Teat Length	-0.05				
Udder Overall	0.66				
Dairy Conformation	0.34				

LIC Initiatives

High Input	VMSI	A2 Protein
1360	1332	A2/A2

Registered Pedigree in the UK 23/06/2022

UK PTA — SCI £/REL % 497/51

HOLSTEIN BASE	BV		BV
Milk kg	-454	SCC	-3
Fat kg	12.1	Lifespan	94
Fat %	0.68	Fertility Index	7.1
Protein kg	0.4	UK Daughters	0
Protein %	0.35	UK Herds	0

Source: AHDB April 2022

DAUGHTERS

Daughter of 68 315029 TRIGGER

Daughter of 68 318009 SUPERMAN

Daughter of 68 318021 BANFF

Daughter of 68 311013 INTEGRITY

Daughter of 68 317060 LIMELIGHT

Daughter of 68 312059 QUICKSILVER

Daughter of 68 317023 FLINT

Daughter of 68 314004 FLOYD

Daughter of 68 316039 GALLIVANT

Daughter of 68 314012 LEOPARD

Daughter of 68 316036 COYOTE

Daughter of 68 314052 MISTY

Daughter of 68 315045 HOSS

ALL JERSEY

HBN	Name	gBW/Rel	Milk volume (litres)	Fat kg	Protein kg	Fat %	Protein %	Somatic Cell Count	Fertility %	Functional Survival	Body Condition Score	HCD / Rel %	CCD / Rel %	Gestation Length	Liveweight	Capacity
Jersey | New Release Elite Bulls																
68 318009	Tironui Superman ET *	495 / 91	-12	55	25	6.0	4.3	-0.18	0.1	1.3	-0.09	-1.6 / 95	0.2 / 94	-2.4	-34	0.50
68 318021	Glanton Desi Banff *	493 / 91	-437	48	17	6.4	4.6	-0.53	3.9	2.7	0.11	-2.6 / 96	-1.0 / 95	-7.7	-24	0.63
68 315029	Thornwood Degree Trigger *	365 / 98	-228	35	13	5.8	4.3	-0.21	0.0	3.1	0.11	-2.5 / 95	-1.4 / 96	-4.2	-23	0.70
68 317034	Heuven Super Wiseguy *	335 / 94	-170	31	19	5.6	4.4	0.18	3.8	1.7	-0.06	-3.2 / 63	-0.7 / 84	-6.2	-31	0.32
Jersey | Premier Bulls																
68 316039	Ulmarra TT Gallivant *	424 / 92	-115	46	17	5.9	4.3	-0.03	6.2	2.8	0.07	-2.5 / 93	-0.9 / 94	-0.2	-2	0.61
68 315045	Glenui Degree Hoss *	414 / 96	-317	34	12	5.9	4.4	-0.51	2.8	3.5	0.18	-1.7 / 98	-0.9 / 98	2.3	-33	0.28
68 311013	Okura LT Integrity	399 / 99	-96	38	14	5.7	4.2	-0.06	-0.1	3.7	0.21	-2.3 / 99	-0.7 / 99	-0.3	-43	0.88
68 316036	Foxton PG Coyote ET	381 / 96	187	38	22	5.3	4.1	0.14	4.5	2.0	0.00	-2.5 / 82	-0.7 / 87	-3.6	-44	0.62
68 317060	Paspalum Oi Limelight *	379 / 86	-277	29	10	5.7	4.3	-0.18	2.5	2.8	-0.01	-2.9 / 49	-0.7 / 70	1.3	-62	0.32
68 317023	Shepherds LT Flint ET	377 / 97	-102	44	25	5.8	4.4	0.07	-9.9	1.8	0.05	-1.3 / 93	-0.3 / 96	1.5	-31	0.51
68 314052	Crescent Excell Misty ET	365 / 99	-683	35	7	6.5	4.6	-0.60	-0.6	4.0	0.41	-2.0 / 99	-0.7 / 99	-0.7	12	1.22
68 314004	Bells OI Floyd	358 / 99	200	38	22	5.3	4.1	-0.19	1.2	3.9	0.30	-1.8 / 99	-1.2 / 98	-2.2	9	0.62
68 312059	Lynbrook GG Quicksilver	347 / 99	-476	32	8	6.1	4.4	0.01	3.6	5.3	0.09	-1.8 / 97	-0.4 / 93	-2.1	-22	0.42
68 314012	Kaitaka OI Leopard ET	318 / 99	-459	25	4	5.9	4.3	-0.31	2.0	2.9	-0.09	-1.8 / 98	-0.6 / 97	-4.3	-58	-0.16
Jersey | Classic Bulls																
68 315009	Riverview and Dexter S2J *	357 / 92	35	29	20	5.3	4.2	-0.24	5.1	3.5	0.18	-1.1 / 97	-0.2 / 96	-1.5	-5	0.64
68 315049	Kaimatarau Terrific Punch	348 / 91	-183	26	14	5.5	4.3	0.19	4.6	2.7	0.16	-0.3 / 73	-0.9 / 87	-0.9	-34	0.76
68 315061	Devon Degree Oasis	344 / 91	111	36	15	5.4	4.0	-0.10	4.8	3.1	0.17	-2.1 / 40	-1.0 / 71	-3.5	-3	0.54
68 314017	Tironui Degree Bravo ET	299 / 92	-295	29	2	5.7	4.1	-0.21	-0.5	-0.3	-0.17	-1.5 / 60	-0.1 / 71	-1.8	-85	-0.22
68 312057	Bells CM Conrad S2J	297 / 99	7	26	16	5.3	4.1	0.39	8.9	2.0	0.20	-2.1 / 99	-0.9 / 98	-6.8	-3	0.44
68 313055	Glenui 5-Star Harry ET	289 / 96	-511	15	3	5.7	4.3	-0.38	4.7	1.7	0.27	-3.4 / 66	-0.1 / 77	2.3	-30	0.56
68 310047	Upland Park HTA Mali S3J	247 / 99	-88	16	9	5.2	4.1	-0.28	-1.4	2.0	0.06	-0.7 / 94	-1.5 / 87	-5.1	-48	0.14
Jersey | Value Bulls																
68 312014	Chardonnay Frankie	306 / 99	-223	15	11	5.3	4.2	-0.42	3.7	3.2	0.11	-1.8 / 97	-0.8 / 94	0.2	-65	0.38
68 313017	Bonacord Murmurs Boswell	302 / 91	-403	13	-2	5.5	4.1	-0.05	9.3	2.9	0.09	-2.4 / 49	-1.5 / 67	-5.8	-85	0.34
68 308076	Cluain WM Hijinx S3J	230 / 97	-446	12	-4	5.6	4.1	-0.26	10.1	4.5	0.17	-3.2 / 67	-0.3 / 72	-3.3	-25	0.07
68 313040	Flchtl 5-Star Sultan S3J	190 / 99	-407	7	2	5.4	4.2	-0.17	0.8	0.0	0.18	-1.0 / 97	-0.7 / 92	-3.5	-35	0.83
68 314036	Upland Park MZ Indiana ET	187 / 97	-593	6	3	5.6	4.4	-0.08	1.9	1.1	0.21	-2.5 / 76	0.1 / 82	2.7	-23	0.44

HBN	Udder overall	High Input	Nitrogen Efficiency	Methane Efficiency	ACI £ / Rel	Milk Kg	Fat Kg	Protein Kg	Fat %	Protein %	SCC	Lifespan	Fertility	Sire (Short name)	A2 Status	Breed Split	Pedigree Status	Proven Status	NZ Daughters	UK Daughters
Jersey | New Release Elite Bulls																				
68 318009	0.72	1472	9	9	392 / 44	-341	19.0	4.1	0.71	0.33	5	0	3.1	SUPERSTITION	A2/A2	J16	-	NZ	202	0
68 318021	0.26	1411	10	10	387 / 44	-570	13.4	-0.3	0.84	0.43	2	0	6.0	DESI	A2/A2	J16	-	NZ	215	0
68 315029	1.19	1373	7	8	331 / 54	-430	11.1	0.0	0.64	0.32	6	78	2.8	DEGREE	A2/A2	J16	-	NZ	1289	0
68 317034	0.04	1297	9	9	321 / 50	-441	8.4	1.2	0.59	0.35	14	57	5.6	SUPERSTITION	A2/A2	J16	-	NZ	343	0
Jersey | Premier Bulls																				
68 316039	0.61	1388	8	9	360 / 48	-424	14.7	0.7	0.71	0.33	8	30	8.6	OLM THOR	A1/A2	J16	-	NZ	140	0
68 315045	0.66	1360	8	8	458 / 51	-454	12.1	0.4	0.68	0.35	-3	94	7.1	DEGREE	A2/A2	J16	RP	NZ	747	0
68 311013	0.58	1361	8	8	352 / 90	-375	15.3	2.9	0.67	0.34	11	66	1.1	TERRIFIC	A1/A2	J16	RP	NZ/UK	34854	709
68 316036	0.07	1323	10	10	343 / 50	-295	12.1	2.3	0.52	0.26	13	78	5.7	GOLDIE	A2/A2	J16	-	NZ	686	0
68 317060	0.95	1366	9	9	338 / 50	-462	9.8	-0.4	0.64	0.33	7	33	3.7	INTEGRITY	A1/A2	J16	-	NZ	78	0
68 317023	0.43	1350	5	5	233 / 52	-385	12.5	4.0	0.62	0.37	13	39	-8.1	TERRIFIC	A2/A2	J16	-	NZ	1030	0
68 314052	0.40	1303	6	6	318 / 52	-641	10.5	-3.1	0.86	0.43	-2	94	3.8	EXCELL	A2/A2	J16	RP	NZ	9246	0
68 314004	0.41	1327	7	7	329 / 57	-272	13.9	4.4	0.53	0.29	6	69	3.8	INTEGRITY	A2/A2	J15F1	-	NZ	6526	0
68 312059	0.46	1303	8	8	243 / 73	-804	-2.4	-9.8	0.75	0.41	11	139	8.6	GENIUS	A2/A2	J16	RP	NZ/UK	7968	66
68 314012	0.62	1281	8	9	308 / 72	-607	3.3	-4.9	0.66	0.36	10	60	4.2	INTEGRITY	A2/A2	J16	-	NZ/UK	4860	30
Jersey | Classic Bulls																				
68 315009	0.68	1335	8	8	378 / 49	-278	11.2	3.7	0.48	0.28	6	82	7.8	DEGREE	A2/A2	J16	-	NZ	166	0
68 315049	1.03	1364	8	8	274 / 49	-416	5.1	-0.1	0.49	0.30	15	36	5.7	TERRIFIC	A2/A2	J16	RP	NZ	125	0
68 315061	0.48	1318	8	8	341 / 49	-283	12.9	1.4	0.52	0.23	6	75	7.5	DEGREE	A2/A2	J16	RP	NZ	95	0
68 314017	0.21	1242	7	8	330 / 51	-430	9.6	-3.5	0.60	0.24	8	33	3.7	DEGREE	A1/A2	J16	RP	NZ	113	0
68 312057	0.17	1260	9	9	154 / 79	-422	4.0	-2.1	0.47	0.27	24	27	2.8	MARVEL	A2/A2	J15F1	-	NZ/UK	23258	195
68 313055	0.54	1258	7	7	320 / 76	-625	1.9	-3.7	0.64	0.40	-1	2	6.5	TERRIFIC 5-STAR	A2/A2	J16	RP	NZ/UK	313	71
68 310047	0.86	1236	7	7	256 / 76	-438	2.1	-3.6	0.45	0.25	7	33	2.9	TGM AIM	A2/A2	J16	-	NZ/UK	3889	61
Jersey | Value Bulls																				
68 312014	0.04	1233	9	9	367 / 92	-475	2.0	-2.3	0.49	0.30	-4	36	7.3	MURMUR	A2/A2	J16	RP	NZ/UK	10690	463
68 313017	0.24	1223	10	10	385 / 52	-461	4.8	-4.3	0.53	0.25	6	75	11.7	MURMUR	A2/A2	J16	RP	NZ	96	0
68 308076	0.09	1162	8	8	327 / 88	-527	2.3	-5.3	0.55	0.28	4	91	9.7	MINSTREL	A2/A2	J16	RP	NZ/UK	470	513
68 313040	0.60	1179	6	6	199 / 53	-520	-0.3	-4.2	0.48	0.30	6	5	2.6	TERRIFIC 5-STAR	A2/A2	J15F1	-	NZ	9708	0
68 314036	0.23	1149	6	6	163 / 73	-711	-6.5	-8.2	0.55	0.37	4	14	5.4	MANZELLO	A2/A2	J16	-	NZ/UK	695	37

* Sexed semen is available for Single AI use only. See page 3 for more information.
RP = Registered Pedigree in the UK

Source: AHDB April 2022
Publishing Date: 21/07/2022
LIC abides by the AHDB Dairy and Holstein UK established Code of Advertising

23/06/2022

The future of dairy is just a consultation away.

There has probably never been a more pressing time for UK farmers to lower production costs and increase efficiency. Forage-based dairy farming could provide a more profitable future. LIC's Pasture to Profit Consultants can walk with you every step of the way. Whether this is to set goals for greater profitability, or to implement new production systems, we'll work alongside you to develop better herd, nutrient and environmental plans.

Secure your future by consulting us today.

Pasture to Profit

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uklic.co.uk/products-services/farm-consultancy

LIC®

OTHER PRODUCTS

LIC Heat Patch Plus

Available in red, pink & blue.

LIC Heat Patch Plus is a self-adhesive heat detection aid, saving time and energy with messy glue. When activated by pressure, the dye can bleed right to the edges of the patch for greater visibility. There is also built in three second time technology, which helps to identify a true standing heat.

Donaghys Tail Alert

1 litre bottle

Donaghys tail paint is highly visible and comes in blue, green, red, yellow, pink and orange. Featuring a brush cap for easy application and the oil-based paint formula lasts up to 30 days in suitable conditions.

LIC Scratch Patch

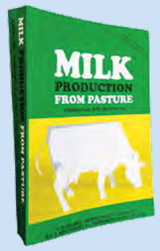
Pack of 50

LIC Scratch Patch is a cost-effective heat detection aid. It is self-adhesive, so there is no need for glue, and comes in a range of bright colours - red, pink, yellow, blue & green. The friction base technology can prevent false positive readings.

Milk Production: From Pasture

600 page manual

Milk Production from Pasture discusses the practices and principals of the feeding, breeding, reproduction and husbandry of dairy cattle, focusing on pasture as a relatively cheap yet high-quality feed.



LIC Apron

Navy Blue. One size

Stay dry in the milking parlour with an LIC milking apron. Made of a durable, waterproof material.

Full length and a generous width, they can fit a range of sizes to fasten neatly around the waist.

Pasture Plate Meters

Effective feed budgeting is the key to meeting the needs of grazing livestock whilst optimising pasture use efficiency and maintaining pasture quality. LIC UK offers a range of pasture management and feed budgeting tools by Jenquip to help monitor pasture growth, calculate pasture dry matter and create an effective feed budget.

Daisy Paint + Brush

750ml bottle

A wide strip of tail paint can be applied in a single stroke with the patent-pending Daisy Brush. This brush has been designed specifically for use in tail painting and is both curved to match the tail bone and wide enough to lay down a 5cm (2in) strip of tail paint in a single stroke.

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