# GRAZING

DECEMBER 2023

The cogent *difference*

cogent

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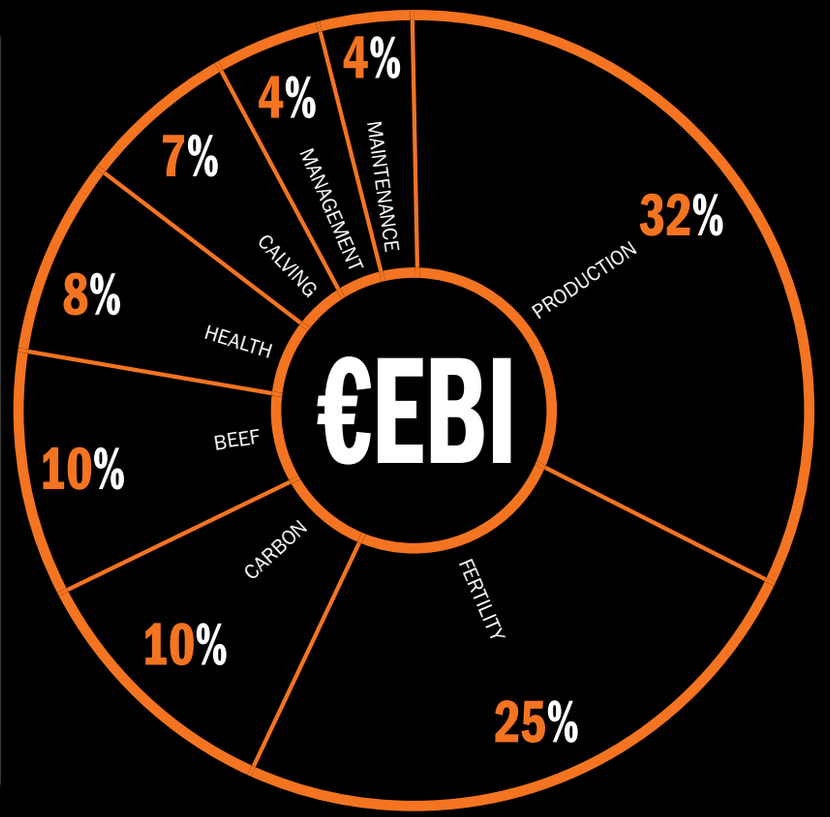
# ECONOMIC BREEDING INDEX (€EBI) EXPLAINED

EBI is a profitability-based index aimed at helping farmers to identify the most profitable bulls for use within their dairy system. It comprises eight sub-indexes weighted in relation to the influence they have on farm profitability. These are displayed in the chart below with the outer ring showing the individual traits that form part of that sub index. Values in the index are based on data collected from the Irish dairy herd with these values last updated in November 2022 where the inclusion of the Carbon Sub Index was seen for the first time.




| PRODUCTION | FERTILITY | CARBON | BEEF |
|---|---|---|---|
| Mainly focused on Fat & Protein production with a small emphasis on volume | Includes Calving interval and Survival, fertile cows will last longer in the herd and reduce empty rates | Increases the economic weighting of traits that contribute to reduced GHG emissions | High value indicates a better cull cow value and carcase weight and has a direct correlation to calf value |

| HEALTH | CALVING | MANAGEMENT | MAINTENANCE |
|---|---|---|---|
| High values result in a reduction of Lameness incidence ensuring ability to walk to pasture as well as reduced Mastitis and SCC | A measure of calving ease and calf mortality ensuring early survival of calves as well as reduced numbers of assisted calvings | Focused on milking speed and temperament, improving milking efficiency and reducing the amount of time spent in the parlour | Decreased liveweight will result in a better value here with negative liveweight bulls possessing a higher value |

## EBI

| | |
|---|---|
| COOLNACLEHY TOPGUN | € 358 |
| SPRINGHAVEN TRUMPET | € 358 |
| GARRENDENNY LUNAR RED | € 344 |
| WATERPARK JASPER 2121 | € 338 |
| OLDABBEY TORC | € 337 |

## FERT SI

| | |
|---|---|
| SPRINGHAVEN TRUMPET | € 178 |
| BERGINSVIEW TURBO | € 165 |
| SANTRY LION KING | € 163 |
| SHANDANGAN REX | € 160 |
| COOLNACLEHY TOPGUN | € 157 |

## MILK SI

| | |
|---|---|
| BOPURU BRO | € 118 |
| GARRENDENNY LUNAR RED | € 114 |
| HANRAHAN MAGNIFICO | € 113 |
| CROHANEDAIRY SONNY | € 112 |
| OLDABBEY TORC | € 112 |

## $BW

| | |
|---|---|
| GLANTON DESI BANFF | $548 |
| OKURA PEPPER LUCCA | $511 |
| GLENUI SUPER LAMAR | $452 |
| RIVERVIEW AND DEXTER | $416 |
| CAWDOR AORAKI | $405 |

## FERTILITY

| | |
|---|---|
| CAWDOR AORAKI | 9.2 |
| ARKAN BT ZAMBEZI | 5.0 |
| ULMARRA TT GALLIVANT | 4.7 |
| RIVERVIEW AND DEXTER | 4.5 |
| PASPALUM OL LIMELIGHT | 3.6 |

## SCI

| | |
|---|---|
| COGENT ZULU | £550 |
| COGENT GC LINCOLN | £531 |
| KOEPON CHARMER | £521 |
| DG HS NIXON | £513 |
| SJK HELIUM | £503 |

## ACI

| | |
|---|---|
| COGENT GC LINCOLN | £660 |
| KOEPON CHARMER | £651 |
| DG HS NIXON | £638 |
| SJK HELIUM | £637 |
| COGENT ZULU | £614 |





PRODUCTION · LIVEWEIGHT · LAMENESS · CROSSBRED

Ultraplus

# LIC Kilvoige AARON

G-Force x Triplestar x Allstar

### EBI Data

HBN: HOLIRLM216786771684 AI Code: CB0157
Dam: 372216786771528
G Dam: IE141766781142
3rd Dam: IE141766771026

Haplotypes: -

Breed: HO(28.13%), FR(9.38%), JE(62.5%)| Pedigree Status: NON PED

icbf PRODUCTION DTRS 0 | NOV 2023 | SOURCE ICBF

| Milk Kgs | Fat Kgs | Prot Kgs | Rel% | EBI €257 |
|---|---|---|---|---|
| -281 | 19.8 | 5.7 | 79% | |
| Caseins | Fat% | Pro% | | Rel% |
| - - - | 0.56 | 0.28 | | 65% |

| Sub Indexes (€) | | Pc |
|---|---|---|
| Milk | 100 | 60% |
| Health | 11 | 50% |
| Fertility | 108 | 70% |
| Calving | 34 | 40% |
| Management | 3 | 60% |
| Maintenance | 39 | 90% |
| Beef | -66 | 5% |
| Carbon | 27 | 90% |

### ACI/SCI Data

AHDB PRODUCTION DTRS 0 HERDS 0 | DEC 2023 | SOURCE CONV

| Milk Kgs | Fat Kgs | Prot Kgs | £SCI rlb | SCI £216 |
|---|---|---|---|---|
| -442 | 9.6 | -2.2 | CONV | |
| Rel% | Fat% | Prot% | £ACI rlb | ACI £188 |
| 63 | 0.62 | 0.28 | CONV | |

| | | | | | |
|---|---|---|---|---|---|
| Fertility Index | 8.3 | Improver | Lifespan | 25 | Improver |
| Calving Ease | N/A | | Maintenance | N/A | |
| Somatic Cell | N/A | | Calf Survival | N/A | |
| Mastitis | N/A | | Digital Derma | N/A | |

Production and fitness data supplied by AHDB.

### Dam Lactation

icbf

| No. | Date | Days | Yield | Fat % | Protein % |
|---|---|---|---|---|---|
| 1 | 11/02/2020 | 277 | 4822 | 5.47 | 4.33 |
| 2 | 09/03/2021 | 280 | 6079 | 5.67 | 4.24 |
| 3 | 29/03/2022 | 216 | 5775 | 5.47 | 4.27 |
| 4 | NULL | NULL | NULL | NULL | NULL |

| | | | | |
|---|---|---|---|---|
| **Health** | | | **11** | 68% |
| Somatic Cell | -0.1 | Improver | | |
| Mastitis | -0.05 | Improver | | |
| Lameness | -0.05 | Improver | | |
| TB % | 8.04% | Improver | | |
| **Fertility** | | | **108** | 42% |
| Calving Interval | -5.8 | Shorter | | |
| Survival Rate % | 2.83 | Improver | | |
| **Calving** | | | **34** | 88% |
| Risk of DHC | Low | | | |
| Maternal Calving Ease | 4.65% | Easier | | |
| Heifer DCE | 5.42% | Easier | | |
| Cow DCE | 2.23% | Easier | | |
| Gestation Length | -2.50 | Earlier | | |
| Mortality | 0.77 | Non-Imp. | | |

| | | | | | |
|---|---|---|---|---|---|
| **Maintenance** | | | **39** | 51% | |
| Stature | -2.39 | Shorter | | | |
| Live Weight | -39 | Lighter | | | |
| **Management** | | | **3** | 58% | |
| Tempera. | -0.09 | Non-Imp. | | | |
| Ease of Milk | -19.7 | Faster | | | |

| **Conformation** | | **0.05** | Pc |
|---|---|---|---|
| Mammary | -0.73 | 40% | |
| Feet+Legs | 1.62 | 90% | |
| Stature | -2.39 | 20% | |
| Chest Width | -0.46 | 30% | |
| Body Depth | -0.94 | 40% | |
| Locomotion | 2.73 | 95% | |

PRODUCTION · FERTILITY · LIVEWEIGHT · EBI

Ultraplus HighPurity

# Bopuru BRO

Cairo x Hammer x Camelot

## EBI Data

HBN: HOLIRLM219169911368 AI Code: HO7304
Dam: Bopuru Jenny
G Dam: IE341338740302
3rd Dam: IE341338760114

Haplotypes: TL TY TN TV TD TC

Breed: HO(59.38%), FR(31.25%), JE(9.38%)| Pedigree Status: NON PED

icbf PRODUCTION DTRS 0 | NOV 2023 | SOURCE ICBF

| Milk Kgs | Fat Kgs | Prot Kgs | Rel% | EBI €306 |
|---|---|---|---|---|
| 70 | 23.3 | 12.9 | 79% | |
| Caseins | Fat% | Pro% | | Rel% |
| AB - A1A2 | 0.35 | 0.18 | | 64% |

| Sub Indexes (€) | | Pc |
|---|---|---|
| Milk | 118 | 80% |
| Health | 22 | 80% |
| Fertility | 134 | 80% |
| Calving | 35 | 40% |
| Management | -2 | 20% |
| Maintenance | 22 | 70% |
| Beef | -36 | 10% |
| Carbon | 14 | 70% |

| Health | | 22 66% |
|---|---|---|
| Somatic Cell | -0.16 | Improver |
| Mastitis | -0.07 | Improver |
| Lameness | -0.05 | Improver |
| TB % | 6.13% | Improver |

| Fertility | | 134 43% |
|---|---|---|
| Calving Interval | -7.46 | Shorter |
| Survival Rate % | 3.19 | Improver |

| Calving | | 35 88% |
|---|---|---|
| Risk of DHC | Moderate | |
| Maternal Calving Ease | 5.13% | Easier |
| Heifer DCE | 7.33% | Harder |
| Cow DCE | 3.00% | Harder |
| Gestation Length | -3.88 | Earlier |
| Mortality | -0.37 | Improver |

| Maintenance | | 22 47% |
|---|---|---|
| Stature | -1.74 | Shorter |
| Live Weight | -16 | Lighter |

| Management | | -2 53% |
|---|---|---|
| Tempera. | -0.16 | Non-Imp. |
| Ease of Milk | -12.0 | Faster |

| Conformation | -0.47 Pc |
|---|---|
| Mammary | -0.35 50% |
| Feet+Legs | -1.00 30% |
| Stature | -1.74 30% |
| Chest Width | 0.36 60% |
| Body Depth | -0.46 50% |
| Locomotion | -0.98 20% |

## ACI/SCI Data

AHDB PRODUCTION DTRS 0 HERDS 0 | DEC 2023 | SOURCE GBR

| Milk Kgs | Fat Kgs | Prot Kgs | £SCI rlb | SCI £218 |
|---|---|---|---|---|
| 83 | 4 | 7.7 | 68 | |
| Rel% | Fat% | Prot% | £ACI rlb | ACI £233 |
| 74 | 0.01 | 0.10 | 68 | |

| | | | | | |
|---|---|---|---|---|---|
| Fertility Index | 4.2 | Improver | Lifespan | 39 | Improver |
| Calving Ease | 1.1 | Easier | Maintenance | -8 | Compact |
| Somatic Cell | 0 | Average | Calf Survival | 1.0 | Improver |
| Mastitis | 0 | Average | Digital Derma | 0.2 | Improver |

## Dam Lactation

icbf

| No. | Date | Days | Yield | Fat % | Protein % |
|---|---|---|---|---|---|
| 1 | 30/03/2014 | 239 | 5226 | 5.03 | 3.7 |
| 2 | 06/03/2015 | 263 | 6450 | 4.76 | 3.85 |
| 3 | 22/02/2016 | 280 | 7317 | 4.8 | 3.82 |
| 4 | 07/03/2017 | 276 | 7308 | 4.77 | 3.66 |

Production and fitness data supplied by AHDB.



IRISH HOLSTEIN FRIESIAN

SURVIVAL · PRODUCTION · FERTILITY · EBI

Ultraplus HighPurity

# Millgrove CHOICE

Seville x Anton x Mount Everest

## EBI Data

HBN: HOLIRLM2169626815 27 AI Code: HO7307
Dam: Millgrove Claire 1353
G Dam: Millgrove PKR Claire
3rd Dam: Millgrove LCM Claire

Haplotypes: TL TY TN TV TD TC

Breed: HO(78.13%), FR(18.75%), UN(3.13%)| Pedigree Status: BSR

icbf PRODUCTION DTRS 0 | NOV 2023 | SOURCE ICBF

| Milk Kgs | Fat Kgs | Prot Kgs | Rel% | EBI €302 |
|---|---|---|---|---|
| 105 | 17.4 | 11.7 | 79% | |
| Caseins | Fat% | Pro% | | Rel% |
| AB - A1A2 | 0.23 | 0.14 | | 63% |

| Sub Indexes (€) | | Pc |
|---|---|---|
| Milk | 96 | 60% |
| Health | 13 | 50% |
| Fertility | 137 | 80% |
| Calving | 43 | 60% |
| Management | 2 | 50% |
| Maintenance | 9 | 50% |
| Beef | -3 | 70% |
| Carbon | 5 | 50% |

| Health | | 13 69% |
|---|---|---|
| Somatic Cell | -0.1 | Improver |
| Mastitis | -0.05 | Improver |
| Lameness | -0.02 | Improver |
| TB % | 6.97% | Improver |

| Fertility | | 137 41% |
|---|---|---|
| Calving Interval | -6.72 | Shorter |
| Survival Rate % | 4.25 | Improver |

| Calving | | 43 86% |
|---|---|---|
| Risk of DHC | Moderate | |
| Maternal Calving Ease | 5.06% | Easier |
| Heifer DCE | 6.59% | Harder |
| Cow DCE | 2.72% | Harder |
| Gestation Length | -4.46 | Earlier |
| Mortality | 0.11 | Non-Imp. |

| Maintenance | | 9 46% |
|---|---|---|
| Stature | -1.09 | Shorter |
| Live Weight | 2 | Heavier |

| Management | | 2 55% |
|---|---|---|
| Tempera. | -0.09 | Non-Imp. |
| Ease of Milk | -16.2 | Faster |

| Conformation | -1.04 Pc |
|---|---|
| Mammary | -1.43 30% |
| Feet+Legs | -0.33 50% |
| Stature | -1.09 40% |
| Chest Width | 0.50 60% |
| Body Depth | -1.34 30% |
| Locomotion | -0.87 20% |

## ACI/SCI Data

AHDB PRODUCTION DTRS 0 HERDS 0 | DEC 2023 | SOURCE GBR

| Milk Kgs | Fat Kgs | Prot Kgs | £SCI rlb | SCI £273 |
|---|---|---|---|---|
| -232 | 5.2 | 0.6 | 65 | |
| Rel% | Fat% | Prot% | £ACI rlb | ACI £256 |
| 72 | 0.31 | 0.18 | 65 | |

| | | | | | |
|---|---|---|---|---|---|
| Fertility Index | 9.9 | Improver | Lifespan | 24 | Improver |
| Calving Ease | 1.2 | Easier | Maintenance | 5 | Larger |
| Somatic Cell | 1 | Improver | Calf Survival | 1.5 | Improver |
| Mastitis | 0 | Average | Digital Derma | 0.7 | Improver |

## Dam Lactation

icbf

| No. | Date | Days | Yield | Fat % | Protein % |
|---|---|---|---|---|---|
| 1 | 29/01/2021 | 299 | 4897 | 4.16 | 3.68 |
| 2 | 05/03/2022 | 272 | 6293 | 4.09 | 3.63 |
| 3 | 11/03/2023 | 220 | 5336 | 3.98 | 3.31 |
| 4 | NULL | NULL | NULL | NULL | NULL |

Production and fitness data supplied by AHDB.

# Brooklawn M ECLIPSE

Epic x Executive x Wizard

## EBI Data

HBN: JERIRLM223422792308 AI Code: J2785
Dam: IE182349841158
G Dam: IE182349830555
3rd Dam: IE182349890395

Haplotypes: TL TY TN TV TD TC

Breed: HO(40.63%), FR(9.38%), JE(50%)| Pedigree Status: NON PED

icbf PRODUCTION DTRS 0 | NOV 2023 | SOURCE ICBF

| Milk Kgs | Fat Kgs | Prot Kgs | Rel% | EBI €252 |
|---|---|---|---|---|
| 6 | 15.7 | 12.3 | 79% | |
| Caseins | Fat% | Pro% | | Rel% |
| BB - A2A2 | 0.27 | 0.21 | | 64% |

| Sub Indexes (€) | | Pc |
|---|---|---|
| Milk | 105 | 70% |
| Health | 6 | 30% |
| Fertility | 80 | 50% |
| Calving | 37 | 40% |
| Management | 8 | 90% |
| Maintenance | 51 | 95% |
| Beef | -62 | 5% |
| Carbon | 26 | 90% |

## ACI/SCI Data

AHDB PRODUCTION DTRS 0 HERDS 0 | DEC 2023 | SOURCE CONV

| Milk Kgs | Fat Kgs | Prot Kgs | £SCI rlb | SCI £158 |
|---|---|---|---|---|
| -266 | 6.2 | 1.7 | CONV | |
| Rel% | Fat% | Prot% | £ACI rlb | ACI £142 |
| 63 | 0.37 | 0.23 | CONV | |

| | | | | | |
|---|---|---|---|---|---|
| Fertility Index | 5.0 | Improver | Lifespan | 13 | Improver |
| Calving Ease | N/A | | Maintenance | N/A | |
| Somatic Cell | N/A | | Calf Survival | N/A | |
| Mastitis | N/A | | Digital Derma | N/A | |

| Health | 6 | 68% |
|---|---|---|
| Somatic Cell | -0.05 | Improver |
| Mastitis | -0.01 | Improver |
| Lameness | -0.03 | Improver |
| TB % | 7.57% | Improver |
| **Fertility** | **80** | **44%** |
| Calving Interval | -3.85 | Shorter |
| Survival Rate % | 2.52 | Improver |
| **Calving** | **37** | **84%** |
| Risk of DHC | Low | |
| Maternal Calving Ease | 5.06% | Easier |
| Heifer DCE | 3.82% | Easier |
| Cow DCE | 1.81% | Easier |
| Gestation Length | -2.43 | Earlier |
| Mortality | 0.5 | Non-Imp. |

| Maintenance | 51 | 48% | Management | 8 | 56% |
|---|---|---|---|---|---|
| Stature | -2.02 | Shorter | Tempera. | -0.02 | Non-Imp. |
| Live Weight | -55 | Lighter | Ease of Milk | -29.4 | Faster |

| Conformation | 0.15 | Pc |
|---|---|---|
| Mammary | -0.24 | 60% |
| Feet+Legs | 0.74 | 80% |
| Stature | -2.02 | 20% |
| Chest Width | -1.03 | 20% |
| Body Depth | -0.82 | 40% |
| Locomotion | 1.63 | 90% |

## Dam Lactation

icbf

| No. | Date | Days | Yield | Fat % | Protein % |
|---|---|---|---|---|---|
| 1 | 20/02/2016 | 282 | 5520 | 4.79 | 4.03 |
| 2 | 11/02/2017 | 290 | 7290 | 5.55 | 4.3 |
| 3 | 14/02/2018 | 295 | 7526 | 5.89 | 4.3 |
| 4 | 21/02/2019 | 280 | 7766 | 4.83 | 4.23 |







# Nextgen IMPOSSIBLE

Gallivant x Jester x Jono

## EBI Data

HBN: JERIRLM226044622615 AI Code: J2872
Dam: Nextgen Hillstar Penny VG87
G Dam: Nextgen Hugestar
3rd Dam: Ballyholly Twilight

Haplotypes: TL TY TN TV TD TC

Breed: JE(100%)| Pedigree Status: PED

icbf PRODUCTION DTRS 0 | NOV 2023 | SOURCE ICBF

| Milk Kgs | Fat Kgs | Prot Kgs | Rel% | EBI €272 |
|---|---|---|---|---|
| -241 | 18.5 | 7.2 | 79% | |
| Caseins | Fat% | Pro% | | Rel% |
| BB - A2A2 | 0.51 | 0.28 | | 61% |

| Sub Indexes (€) | | Pc |
|---|---|---|
| Milk | 103 | 60% |
| Health | 12 | 50% |
| Fertility | 105 | 70% |
| Calving | 36 | 40% |
| Management | 7 | 80% |
| Maintenance | 49 | 90% |
| Beef | -71 | 5% |
| Carbon | 33 | 95% |

## ACI/SCI Data

AHDB PRODUCTION DTRS 0 HERDS 0 | DEC 2023 | SOURCE GBR

| Milk Kgs | Fat Kgs | Prot Kgs | £SCI rlb | SCI £358 |
|---|---|---|---|---|
| -393 | 9.6 | -0.1 | 54 | |
| Rel% | Fat% | Prot% | £ACI rlb | ACI £286 |
| 55 | 0.57 | 0.29 | 54 | |

| | | | | | |
|---|---|---|---|---|---|
| Fertility Index | 2.1 | Improver | Lifespan | 51 | Improver |
| Calving Ease | N/A | | Maintenance | -48 | Compact |
| Somatic Cell | 14 | Improver | Calf Survival | N/A | |
| Mastitis | N/A | | Digital Derma | N/A | |

| Health | 12 | 68% |
|---|---|---|
| Somatic Cell | -0.11 | Improver |
| Mastitis | -0.02 | Improver |
| Lameness | -0.03 | Improver |
| TB % | 6.93% | Improver |
| **Fertility** | **105** | **36%** |
| Calving Interval | -4.89 | Shorter |
| Survival Rate % | 3.47 | Improver |
| **Calving** | **36** | **70%** |
| Risk of DHC | Low | |
| Maternal Calving Ease | 5.16% | Easier |
| Heifer DCE | 2.56% | Easier |
| Cow DCE | 1.59% | Easier |
| Gestation Length | -1.83 | Earlier |
| Mortality | 0.21 | Non-Imp. |

| Maintenance | 49 | 51% | Management | 7 | 64% |
|---|---|---|---|---|---|
| Stature | -3.06 | Shorter | Tempera. | 0.05 | Improver |
| Live Weight | -52 | Lighter | Ease of Milk | -16.4 | Faster |

| Conformation | 1.02 | Pc |
|---|---|---|
| Mammary | -0.56 | 50% |
| Feet+Legs | 3.90 | 99% |
| Stature | -3.06 | 5% |
| Chest Width | -1.38 | 20% |
| Body Depth | -0.31 | 60% |
| Locomotion | 5.87 | 99% |

## Dam Lactation

icbf

| No. | Date | Days | Yield | Fat % | Protein % |
|---|---|---|---|---|---|
| 1 | 19/01/2016 | 298 | 4016 | 5.82 | 4.31 |
| 2 | 20/02/2017 | 287 | 4386 | 5.95 | 4.35 |
| 3 | 12/02/2018 | 291 | 4498 | 5.91 | 4.63 |
| 4 | 14/02/2019 | 301 | 5049 | 5.83 | 4.64 |

SURVIVAL · FERTILITY · UDDER HEALTH · PRODUCTION

Ultraplus HighPurity

# Knocknaseed JACK

Seville x Norman x Timothy

DAM OF JACK, KNOCKNASEED JOSIE 1216

## EBI Data

HBN: HOLIRLM218479081336 AI Code: HO7107
Dam: Knocknaseed Josie 1216
G Dam: Knocknaseed YKZ Josie 1013
3rd Dam: Knocknaseed DVJ Josie

Haplotypes: TL TY TN TV TD TC
Breed: HO(78.13%), FR(21.88%)| Pedigree Status: BSR

icbf PRODUCTION DTRS 0 | NOV 2023 | SOURCE ICBF

| Milk Kgs | Fat Kgs | Prot Kgs | Rel% | EBI €295 |
|---|---|---|---|---|
| -78 | 9.9 | 8.1 | 80% | |
| Caseins | Fat% | Pro% | | Rel% |
| AB - A2A2 | 0.23 | 0.19 | | 64% |

| Sub Indexes (€) | | Pc |
|---|---|---|
| Milk | 75 | 30% |
| Health | 12 | 50% |
| Fertility | 131 | 80% |
| Calving | 54 | 90% |
| Management | 7 | 80% |
| Maintenance | 10 | 50% |
| Beef | -3 | 70% |
| Carbon | 9 | 60% |
| **Health** | **12** | **71%** |
| Somatic Cell | -0.19 | Improver |
| Mastitis | -0.06 | Improver |
| Lameness | 0.02 | Non-Imp. |
| TB % | 7.80% | Improver |
| **Fertility** | **131** | **42%** |
| Calving Interval | -7.32 | Shorter |
| Survival Rate % | 3.11 | Improver |
| **Calving** | **54** | **84%** |
| Risk of DHC | Low | |
| Maternal Calving Ease | 5.26% | Easier |
| Heifer DCE | 5.63% | Easier |
| Cow DCE | 2.32% | Easier |
| Gestation Length | -5.11 | Earlier |
| Mortality | -0.83 | Improver |
| **Maintenance** | **10** | **46%** |
| Stature | -0.25 | Shorter |
| Live Weight | 0 | Average |
| **Management** | **7** | **57%** |
| Tempera. | 0.05 | Improver |
| Ease of Milk | -17.7 | Faster |
| **Conformation** | **0.17** | **Pc** |
| Mammary | 0.24 | 70% |
| Feet+Legs | 0.53 | 80% |
| Stature | -0.25 | 60% |
| Chest Width | 1.19 | 80% |
| Body Depth | -0.88 | 40% |
| Locomotion | 1.08 | 80% |

## ACI/SCI Data

AHDB PRODUCTION DTRS 0 HERDS 0 | DEC 2023 | SOURCE GBR

| Milk Kgs | Fat Kgs | Prot Kgs | £SCI rlb | SCI £252 |
|---|---|---|---|---|
| -84 | 5.5 | 5.5 | 65 | |
| Rel% | Fat% | Prot% | £ACI rlb | ACI £243 |
| 72 | 0.18 | 0.17 | 65 | |

| | | | | | |
|---|---|---|---|---|---|
| Fertility Index | 7.6 | Improver | Lifespan | 0 | Average |
| Calving Ease | 1.2 | Easier | Maintenance | 4 | Larger |
| Somatic Cell | -1 | Non-Imp. | Calf Survival | 0.5 | Improver |
| Mastitis | 0 | Average | Digital Derma | 0.5 | Improver |

## Dam Lactation

icbf

| No. | Date | Days | Yield | Fat % | Protein % |
|---|---|---|---|---|---|
| 1 | 11/02/2021 | 284 | 5298 | 4.2 | 3.56 |
| 2 | 15/02/2022 | 304 | 6103 | 4.75 | 3.41 |
| 3 | 27/02/2023 | 276 | 5995 | 4.12 | 3.49 |
| 4 | NULL | NULL | NULL | NULL | NULL |

Production and fitness data supplied by AHDB.



IRISH HOLSTEIN FRIESIAN

PRODUCTION · FERTILITY · SURVIVAL · EBI

Ultraplus

# Waterpark JASPER 2121

Lad x Rudolph x Stan

## EBI Data

HBN: HOLIRLM224018122121 AI Code: HO7720
Dam: Waterpark PHC Jessica 1795
G Dam: Waterpark FLT Jessica 1114
3rd Dam: Waterpark DEU Jessica 964

Haplotypes: TL TY TN TV TD TC HH3C
Breed: HO(84.38%), FR(15.63%)| Pedigree Status: PED

icbf PRODUCTION DTRS 0 | NOV 2023 | SOURCE ICBF

| Milk Kgs | Fat Kgs | Prot Kgs | Rel% | EBI €338 |
|---|---|---|---|---|
| -5 | 19.1 | 11.3 | 74% | |
| Caseins | Fat% | Pro% | | Rel% |
| AB - A1A2 | 0.34 | 0.20 | | 56% |

| Sub Indexes (€) | | Pc |
|---|---|---|
| Milk | 107 | 70% |
| Health | 5 | 30% |
| Fertility | 152 | 90% |
| Calving | 52 | 80% |
| Management | 8 | 90% |
| Maintenance | 9 | 50% |
| Beef | -6 | 70% |
| Carbon | 11 | 70% |
| **Health** | **5** | **67%** |
| Somatic Cell | -0.06 | Improver |
| Mastitis | -0.04 | Improver |
| Lameness | -0.04 | Improver |
| TB % | 8.79% | Non-Imp. |
| **Fertility** | **152** | **33%** |
| Calving Interval | -8.49 | Shorter |
| Survival Rate % | 3.6 | Improver |
| **Calving** | **52** | **59%** |
| Risk of DHC | Low | |
| Maternal Calving Ease | 5.04% | Easier |
| Heifer DCE | 5.38% | Easier |
| Cow DCE | 2.33% | Easier |
| Gestation Length | -4.58 | Earlier |
| Mortality | -0.79 | Improver |
| **Maintenance** | **9** | **43%** |
| Stature | -0.37 | Shorter |
| Live Weight | 1 | Heavier |
| **Management** | **8** | **55%** |
| Tempera. | 0.01 | Improver |
| Ease of Milk | -23.1 | Faster |
| **Conformation** | **-1.44** | **Pc** |
| Mammary | -1.04 | 40% |
| Feet+Legs | -1.06 | 30% |
| Stature | -0.37 | 50% |
| Chest Width | 0.60 | 70% |
| Body Depth | -0.87 | 40% |
| Locomotion | -0.40 | 40% |

## ACI/SCI Data

AHDB PRODUCTION DTRS 0 HERDS 0 | DEC 2023 | SOURCE GBR

| Milk Kgs | Fat Kgs | Prot Kgs | £SCI rlb | SCI £333 |
|---|---|---|---|---|
| -15 | 17.2 | 9.2 | 65 | |
| Rel% | Fat% | Prot% | £ACI rlb | ACI £336 |
| 72 | 0.36 | 0.19 | 65 | |

| | | | | | |
|---|---|---|---|---|---|
| Fertility Index | 7.2 | Improver | Lifespan | 6 | Improver |
| Calving Ease | 1.1 | Easier | Maintenance | 7 | Larger |
| Somatic Cell | 3 | Improver | Calf Survival | 1.2 | Improver |
| Mastitis | 1 | Improver | Digital Derma | 0.2 | Improver |

## Dam Lactation

icbf

| No. | Date | Days | Yield | Fat % | Protein % |
|---|---|---|---|---|---|
| 1 | 31/01/2021 | 305 | 4460 | 5.05 | 3.9 |
| 2 | 26/02/2022 | 287 | 5508 | 4.39 | 3.62 |
| 3 | NULL | NULL | NULL | NULL | NULL |
| 4 | NULL | NULL | NULL | NULL | NULL |

Production and fitness data supplied by AHDB.

PRODUCTION FERTILITY SURVIVAL EBI

Ultraplus HighPurity

# Santry LION KING

Pivotal x Harry x OJI Frank

DAM OF LION KING, SANTRY QUEEN 617 VG86

## EBI Data

HBN: HOLIRLM216064121613 AI Code: HO6613
Dam: Santry Queen 617 VG86
G Dam: Santry Queen 449 EX90
3rd Dam: Santry Queen 397 VG86

Haplotypes: TL TY TN TV TD TC

Breed: HO(84.38%), FR(12.5%), UN(3.13%)| Pedigree Status: PED

icbf PRODUCTION DTRS 0 | NOV 2023 | SOURCE ICBF

| Milk Kgs | Fat Kgs | Prot Kgs | Rel% | EBI €315 |
|---|---|---|---|---|
| 3 | 22.4 | 10.8 | 81% | |
| Caseins | Fat% | Pro% | | Rel% |
| AA - A2A2 | 0.39 | 0.19 | | 68% |

| Sub Indexes (€) | | Pc |
|---|---|---|
| Milk | 110 | 70% |
| Health | -4 | 10% |
| Fertility | 163 | 95% |
| Calving | 36 | 40% |
| Management | 5 | 70% |
| Maintenance | 4 | 40% |
| Beef | -5 | 70% |
| Carbon | 6 | 60% |

## ACI/SCI Data

AHDB PRODUCTION DTRS 0 HERDS 0 | DEC 2023 | SOURCE GBR

| Milk Kgs | Fat Kgs | Prot Kgs | £SCI rlb | SCI £351 |
|---|---|---|---|---|
| -124 | 8.3 | 6.1 | 67 | |
| Rel% | Fat% | Prot% | £ACI rlb | ACI £346 |
| 73 | 0.28 | 0.21 | 67 | |

| | | | | | |
|---|---|---|---|---|---|
| Fertility Index | 15.8 | Improver | Lifespan | 12 | Improver |
| Calving Ease | 0.3 | Easier | Maintenance | 10 | Larger |
| Somatic Cell | -2 | Non-Imp. | Calf Survival | 1.4 | Improver |
| Mastitis | 0 | Average | Digital Derma | -0.1 | Non-Imp. |

| Health | | | 72% |
|---|---|---|---|
| Somatic Cell | -0.06 | Improver | |
| Mastitis | -0.03 | Improver | |
| Lameness | -0.02 | Improver | |
| TB % | 10.77% | Non-Imp. | |
| **Fertility** | | | **43%** |
| Calving Interval | -9.74 | Shorter | |
| Survival Rate % | 3.21 | Improver | |
| **Calving** | | | **97%** |
| Risk of DHC | Low | | |
| Maternal Calving Ease | 4.58% | Easier | |
| Heifer DCE | 6.81% | Harder | |
| Cow DCE | 2.82% | Harder | |
| Gestation Length | -3.42 | Earlier | |
| Mortality | -0.03 | Improver | |
| **Maintenance** | | | **50%** |
| Stature | 0.03 | Taller | |
| Live Weight | 8 | Heavier | |
| **Management** | | | **57%** |
| Tempera. | 0.05 | Improver | |
| Ease of Milk | -10.0 | Faster | |
| **Conformation** | | | **Pc** |
| Mammary | -1.35 | | 30% |
| Feet+Legs | 0.33 | | 70% |
| Stature | 0.03 | | 70% |
| Chest Width | 0.56 | | 70% |
| Body Depth | -1.07 | | 40% |
| Locomotion | 0.43 | | 70% |

## Dam Lactation

icbf

| No. | Date | Days | Yield | Fat % | Protein % |
|---|---|---|---|---|---|
| 1 | 06/02/2018 | 298 | 5168 | 5.09 | 3.94 |
| 2 | 30/01/2019 | 305 | 6258 | 4.76 | 3.87 |
| 3 | 15/03/2020 | 274 | 6333 | 4.19 | 3.77 |
| 4 | 17/03/2021 | 305 | 11163 | 4.73 | 3.92 |

Production and fitness data supplied by AHDB.





PRODUCTION FERTILITY UDDER HEALTH EBI

Ultraplus

# Garrendenny LUNAR RED

Rex x Harry x Evert

PATERNAL 2ND AND 3RD DAM

## EBI Data

HBN: HOLIRLM214003463223 AI Code: HO7724
Dam: Garrendenny Harry Luna 2445
G Dam: Garrendenny LHZ Luna 2041
3rd Dam: Garrendenny MWW Luna 1651

Haplotypes: TL TY TN TV TD TC RDH

Breed: HO (84.38%), FR (15.63%)| Pedigree Status: -

icbf PRODUCTION DTRS 0 | NOV 2023 | SOURCE ICBF

| Milk Kgs | Fat Kgs | Prot Kgs | Rel% | EBI €344 |
|---|---|---|---|---|
| 106 | 22.5 | 13.0 | 75% | |
| Caseins | Fat% | Pro% | | Rel% |
| AB - A1A1 | 0.31 | 0.16 | | 55% |

| Sub Indexes (€) | | Pc |
|---|---|---|
| Milk | 114 | 80% |
| Health | 26 | 80% |
| Fertility | 151 | 90% |
| Calving | 48 | 80% |
| Management | 5 | 70% |
| Maintenance | 14 | 60% |
| Beef | -22 | 30% |
| Carbon | 8 | 60% |

## ACI/SCI Data

AHDB PRODUCTION DTRS 0 HERDS 0 | DEC 2023 | SOURCE GBR

| Milk Kgs | Fat Kgs | Prot Kgs | £SCI rlb | SCI £372 |
|---|---|---|---|---|
| -200 | 9.4 | 4.2 | 65 | |
| Rel% | Fat% | Prot% | £ACI rlb | ACI £376 |
| 72 | 0.37 | 0.23 | 65 | |

| | | | | | |
|---|---|---|---|---|---|
| Fertility Index | 10.0 | Improver | Lifespan | 48 | Improver |
| Calving Ease | 0.5 | Easier | Maintenance | -3 | Compact |
| Somatic Cell | -12 | Non-Imp. | Calf Survival | 2.2 | Improver |
| Mastitis | -1 | Non-Imp. | Digital Derma | -0.1 | Non-Imp. |

| Health | | | 65% |
|---|---|---|---|
| Somatic Cell | -0.13 | Improver | |
| Mastitis | -0.11 | Improver | |
| Lameness | -0.06 | Improver | |
| TB % | 5.85% | Improver | |
| **Fertility** | | | **32%** |
| Calving Interval | -8.56 | Shorter | |
| Survival Rate % | 3.49 | Improver | |
| **Calving** | | | **58%** |
| Risk of DHC | Low | | |
| Maternal Calving Ease | 3.98% | Easier | |
| Heifer DCE | 5.70% | Easier | |
| Cow DCE | 2.42% | Easier | |
| Gestation Length | -3.57 | Earlier | |
| Mortality | -0.7 | Improver | |
| **Maintenance** | | | **42%** |
| Stature | -0.74 | Shorter | |
| Live Weight | -5 | Lighter | |
| **Management** | | | **53%** |
| Tempera. | -0.03 | Non-Imp. | |
| Ease of Milk | -20.5 | Faster | |
| **Conformation** | | | **Pc** |
| Mammary | 0.44 | | 80% |
| Feet+Legs | 0.47 | | 70% |
| Stature | -0.74 | | 50% |
| Chest Width | -0.74 | | 30% |
| Body Depth | -1.44 | | 30% |
| Locomotion | 0.72 | | 80% |

## Dam Lactation

icbf

| No. | Date | Days | Yield | Fat % | Protein % |
|---|---|---|---|---|---|
| 1 | 05/03/2019 | 262 | 5161 | 4.47 | 3.94 |
| 2 | 30/01/2020 | 296 | 6393 | 4.85 | 4.03 |
| 3 | 04/02/2021 | 291 | 6284 | 4.38 | 3.9 |
| 4 | 01/02/2022 | 296 | 7216 | 4.49 | 3.82 |

Production and fitness data supplied by AHDB.

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EBI | PRODUCTION | SURVIVAL | LAMENESS

Ultraplus HighPurity

# Hanrahan MAGNIFICO

Pivotal x Interstice x Cremin

DAM AND GRANDDAM OF MAGNIFICO

## EBI Data

HBN: HOLIRLM213675211055 AI Code: HO6605
Dam: Hanrahan S2304 Maureen EX90
G Dam: Hanrahan DGC Maureen EX90
3rd Dam: Hanrahan Uphill Maureen G79

Haplotypes: TL TY TN TV TD TC

Breed: HO(87.5%), FR(12.5%)| Pedigree Status: PED

icbf PRODUCTION DTRS 0 | NOV 2023 | SOURCE ICBF

| Milk Kgs | Fat Kgs | Prot Kgs | Rel% | EBI €300 |
|---|---|---|---|---|
| 88 | 23.1 | 12.5 | 81% | |
| Caseins | Fat% | Pro% | | Rel% |
| BB - A2A2 | 0.34 | 0.16 | | 68% |

| Sub Indexes (€) | | Pc |
|---|---|---|
| Milk | 113 | 80% |
| Health | 17 | 60% |
| Fertility | 118 | 80% |
| Calving | 53 | 90% |
| Management | 3 | 60% |
| Maintenance | 4 | 40% |
| Beef | -7 | 70% |
| Carbon | -1 | 40% |

| Health | | 17 73% |
|---|---|---|
| Somatic Cell | -0.13 | Improver |
| Mastitis | -0.12 | Improver |
| Lameness | -0.12 | Improver |
| TB % | 9.96% | Non-Imp. |

| Fertility | | 118 44% |
|---|---|---|
| Calving Interval | -6.28 | Shorter |
| Survival Rate % | 3.12 | Improver |

| Calving | | 53 97% |
|---|---|---|
| Risk of DHC | Low | |
| Maternal Calving Ease | 4.30% | Easier |
| Heifer DCE | 6.37% | Harder |
| Cow DCE | 2.33% | Easier |
| Gestation Length | -4.72 | Earlier |
| Mortality | -0.19 | Improver |

| Maintenance | | 4 51% |
|---|---|---|
| Stature | -0.50 | Shorter |
| Live Weight | 9 | Heavier |

| Management | | 3 59% |
|---|---|---|
| Tempera. | -0.05 | Non-Imp. |
| Ease of Milk | -15.1 | Faster |

| Conformation | | 0.09 Pc |
|---|---|---|
| Mammary | | 0.10 70% |
| Feet+Legs | | 0.22 70% |
| Stature | | -0.50 50% |
| Chest Width | | -0.07 40% |
| Body Depth | | -0.24 60% |
| Locomotion | | -0.03 50% |

## ACI/SCI Data

AHDB PRODUCTION DTRS 0 HERDS 0 | DEC 2023 | SOURCE GBR

| Milk Kgs | Fat Kgs | Prot Kgs | £SCI rlb | SCI £402 |
|---|---|---|---|---|
| -89 | 14.7 | 9.1 | 67 | |
| Rel% | Fat% | Prot% | £ACI rlb | ACI £419 |
| 73 | 0.37 | 0.25 | 67 | |

| | | | | | |
|---|---|---|---|---|---|
| Fertility Index | 9.1 | Improver | Lifespan | 67 | Improver |
| Calving Ease | 0.0 | Average | Maintenance | 2 | Larger |
| Somatic Cell | -4 | Non-Imp. | Calf Survival | 2.3 | Improver |
| Mastitis | 0 | Average | Digital Derma | 0.1 | Improver |

## Dam Lactation

icbf

| No. | Date | Days | Yield | Fat % | Protein % |
|---|---|---|---|---|---|
| 1 | 19/03/2018 | 276 | 5882 | 4.63 | 3.72 |
| 2 | 27/01/2019 | 294 | 6573 | 4.9 | 3.8 |
| 3 | 07/02/2020 | 305 | 9039 | 4.47 | 3.69 |
| 4 | 28/02/2021 | 292 | 8759 | 4.31 | 3.62 |







LIVEWEIGHT | SURVIVAL | CROSSBRED | PRODUCTION

Ultraplus HighPurity

# Moorehill MAX

Cairo x Obsidian x Abraxas

## EBI Data

HBN: HOLIRLM226595034949 AI Code: HO6714
Dam: IE351272167295
G Dam: IE351272126335
3rd Dam: IE351272173931

Haplotypes: TL TY TN TV TD TC

Breed: HO(53.13%), FR(18.75%), JE(25%), MO(3.13%)| Pedigree Status: NON PED

icbf PRODUCTION DTRS 0 | NOV 2023 | SOURCE ICBF

| Milk Kgs | Fat Kgs | Prot Kgs | Rel% | EBI €248 |
|---|---|---|---|---|
| -23 | 16.7 | 9.1 | 78% | |
| Caseins | Fat% | Pro% | | Rel% |
| BB - A2A2 | 0.31 | 0.17 | | 64% |

| Sub Indexes (€) | | Pc |
|---|---|---|
| Milk | 90 | 50% |
| Health | 4 | 20% |
| Fertility | 114 | 70% |
| Calving | 40 | 50% |
| Management | 3 | 60% |
| Maintenance | 24 | 80% |
| Beef | -43 | 10% |
| Carbon | 16 | 70% |

| Health | | 4 63% |
|---|---|---|
| Somatic Cell | -0.11 | Improver |
| Mastitis | -0.03 | Improver |
| Lameness | 0.01 | Non-Imp. |
| TB % | 8.62% | Non-Imp. |

| Fertility | | 114 42% |
|---|---|---|
| Calving Interval | -5.91 | Shorter |
| Survival Rate % | 3.22 | Improver |

| Calving | | 40 95% |
|---|---|---|
| Risk of DHC | Low | |
| Maternal Calving Ease | 5.36% | Harder |
| Heifer DCE | 4.33% | Easier |
| Cow DCE | 2.00% | Easier |
| Gestation Length | -3.07 | Earlier |
| Mortality | -0.15 | Improver |

| Maintenance | | 24 48% |
|---|---|---|
| Stature | -1.91 | Shorter |
| Live Weight | -18 | Lighter |

| Management | | 3 52% |
|---|---|---|
| Tempera. | 0.05 | Improver |
| Ease of Milk | -4.7 | Faster |

| Conformation | | -0.20 Pc |
|---|---|---|
| Mammary | | -0.37 50% |
| Feet+Legs | | -0.20 50% |
| Stature | | -1.91 30% |
| Chest Width | | 0.19 60% |
| Body Depth | | -0.29 60% |
| Locomotion | | 0.13 60% |

## ACI/SCI Data

AHDB PRODUCTION DTRS 0 HERDS 0 | DEC 2023 | SOURCE CONV

| Milk Kgs | Fat Kgs | Prot Kgs | £SCI rlb | SCI £384 |
|---|---|---|---|---|
| -88 | 12 | 7.4 | CONV | |
| Rel% | Fat% | Prot% | £ACI rlb | ACI £385 |
| 62 | 0.32 | 0.21 | CONV | |

| | | | | | |
|---|---|---|---|---|---|
| Fertility Index | 8.4 | Improver | Lifespan | 85 | Improver |
| Calving Ease | N/A | | Maintenance | -17 | Compact |
| Somatic Cell | 0 | Average | Calf Survival | N/A | |
| Mastitis | 0 | Average | Digital Derma | N/A | |

## Dam Lactation

icbf

| No. | Date | Days | Yield | Fat % | Protein % |
|---|---|---|---|---|---|
| 1 | 30/01/2015 | 298 | 3856 | 6.07 | 3.91 |
| 2 | 07/02/2016 | 288 | 5364 | 5.58 | 3.95 |
| 3 | 06/02/2017 | 289 | 6226 | 5.4 | 4.05 |
| 4 | 01/02/2018 | 300 | 5748 | 6.24 | 3.92 |

FERTILITY · LIVEWEIGHT · SURVIVAL · PRODUCTION

# Ballydehob MYSTIC 2544

Mystic x Samir x Oman

## EBI Data

HBN: HOLIRLM224529752544 AI Code: HO7105
Dam: Ballydehob Amir Patsy VG86
G Dam: Ballydehob Oman Patsy 2 EX92(4)
3rd Dam: Ballydehob GMI Patsy EX90

Haplotypes: TL TY TN TV TD TC HH5C
Breed: HO(90.63%), FR(9.38%)| Pedigree Status: PED

icbf — PRODUCTION DTRS 0 | NOV 2023 | SOURCE ICBF

| Milk Kgs | Fat Kgs | Prot Kgs | Rel% | EBI €295 |
|---|---|---|---|---|
| 162 | 18.6 | 10.6 | 78% | |
| Caseins | Fat% | Pro% | | Rel% |
| BE - A1A1 | 0.21 | 0.09 | | 60% |

| Sub Indexes (€) | | Pc |
|---|---|---|
| Milk | 86 | 40% |
| Health | 14 | 60% |
| Fertility | 145 | 90% |
| Calving | 46 | 70% |
| Management | -2 | 20% |
| Maintenance | 16 | 60% |
| Beef | -20 | 40% |
| Carbon | 9 | 60% |

| Health | 14 | 68% |
|---|---|---|
| Somatic Cell | -0.11 | Improver |
| Mastitis | -0.04 | Improver |
| Lameness | -0.02 | Improver |
| TB % | 6.55% | Improver |

| Fertility | 145 | 37% |
|---|---|---|
| Calving Interval | -8.13 | Shorter |
| Survival Rate % | 3.43 | Improver |

| Calving | 46 | 69% |
|---|---|---|
| Risk of DHC | Low | |
| Maternal Calving Ease | 4.41% | Easier |
| Heifer DCE | 6.03% | Easier |
| Cow DCE | 2.47% | Harder |
| Gestation Length | -3.63 | Earlier |
| Mortality | -0.83 | Improver |

| Maintenance | 16 | 44% |
|---|---|---|
| Stature | -1.15 | Shorter |
| Live Weight | -8 | Lighter |

| Management | -2 | 53% |
|---|---|---|
| Tempera. | -0.18 | Non-Imp. |
| Ease of Milk | -15.8 | Faster |

| Conformation | 0.46 | Pc |
|---|---|---|
| Mammary | 0.44 | 80% |
| Feet+Legs | 1.27 | 90% |
| Stature | -1.15 | 40% |
| Chest Width | -1.61 | 10% |
| Body Depth | -2.25 | 10% |
| Locomotion | 1.96 | 90% |

## ACI/SCI Data

AHDB — PRODUCTION DTRS 0 HERDS 0 | DEC 2023 | SOURCE GBR

| Milk Kgs | Fat Kgs | Prot Kgs | £SCI rlb | SCI £374 |
|---|---|---|---|---|
| 135 | 18 | 8.6 | 65 | |
| Rel% | Fat% | Prot% | £ACI rlb | ACI £406 |
| 72 | 0.24 | 0.08 | 65 | |

| | | | | | |
|---|---|---|---|---|---|
| Fertility Index | 7.9 | Improver | Lifespan | 82 | Improver |
| Calving Ease | 0.7 | Easier | Maintenance | -6 | Compact |
| Somatic Cell | -9 | Non-Imp. | Calf Survival | 1.5 | Improver |
| Mastitis | -1 | Non-Imp. | Digital Derma | 0.4 | Improver |

## Dam Lactation

icbf

| No. | Date | Days | Yield | Fat % | Protein % |
|---|---|---|---|---|---|
| 1 | 01/02/2021 | 294 | 8010 | 5.12 | 3.83 |
| 2 | 30/01/2022 | 259 | 8262 | 4.51 | 3.73 |
| 3 | NULL | NULL | NULL | NULL | NULL |
| 4 | NULL | NULL | NULL | NULL | NULL |

Production and fitness data supplied by AHDB.



IRISH HOLSTEIN FRIESIAN

SCI/ACI · PRODUCTION · EBI · SURVIVAL

# Shandangan REX

Pivotal x Mobile x OJI Haze

DAM AND GRANDDAM OF REX

## EBI Data

HBN: HOLIRLM214291491972 AI Code: HO6881
Dam: Shandangan Rose 30 VG88
G Dam: Shandangan Rose 15 EX90
3rd Dam: Shandangan Rose 12

Haplotypes: TL TY TN TV TD TC
Breed: HO(90.63%), FR(9.38%)| Pedigree Status: PED

icbf — PRODUCTION DTRS 0 | NOV 2023 | SOURCE ICBF

| Milk Kgs | Fat Kgs | Prot Kgs | Rel% | EBI €326 |
|---|---|---|---|---|
| 89 | 20.6 | 11.7 | 81% | |
| Caseins | Fat% | Pro% | | Rel% |
| AB - A1A2 | 0.29 | 0.15 | | 67% |

| Sub Indexes (€) | | Pc |
|---|---|---|
| Milk | 104 | 70% |
| Health | 24 | 80% |
| Fertility | 160 | 95% |
| Calving | 45 | 70% |
| Management | 3 | 60% |
| Maintenance | 9 | 50% |
| Beef | -26 | 20% |
| Carbon | 7 | 60% |

| Health | 24 | 73% |
|---|---|---|
| Somatic Cell | -0.2 | Improver |
| Mastitis | -0.13 | Improver |
| Lameness | -0.07 | Improver |
| TB % | 7.88% | Improver |

| Fertility | 160 | 43% |
|---|---|---|
| Calving Interval | -8.94 | Shorter |
| Survival Rate % | 3.84 | Improver |

| Calving | 45 | 96% |
|---|---|---|
| Risk of DHC | Low | |
| Maternal Calving Ease | 3.94% | Easier |
| Heifer DCE | 5.55% | Easier |
| Cow DCE | 2.42% | Easier |
| Gestation Length | -3.24 | Earlier |
| Mortality | -0.28 | Improver |

| Maintenance | 9 | 49% |
|---|---|---|
| Stature | -0.16 | Shorter |
| Live Weight | 2 | Heavier |

| Management | 3 | 58% |
|---|---|---|
| Tempera. | -0.04 | Non-Imp. |
| Ease of Milk | -13.8 | Faster |

| Conformation | 0.39 | Pc |
|---|---|---|
| Mammary | 0.27 | 70% |
| Feet+Legs | 0.13 | 70% |
| Stature | -0.16 | 60% |
| Chest Width | -1.42 | 20% |
| Body Depth | -1.61 | 20% |
| Locomotion | 0.69 | 80% |

## ACI/SCI Data

AHDB — PRODUCTION DTRS 0 HERDS 0 | DEC 2023 | SOURCE GBR

| Milk Kgs | Fat Kgs | Prot Kgs | £SCI rlb | SCI £451 |
|---|---|---|---|---|
| -261 | 12.6 | 2 | 67 | |
| Rel% | Fat% | Prot% | £ACI rlb | ACI £458 |
| 73 | 0.50 | 0.23 | 67 | |

| | | | | | |
|---|---|---|---|---|---|
| Fertility Index | 15.4 | Improver | Lifespan | 82 | Improver |
| Calving Ease | 0.3 | Easier | Maintenance | 0 | Average |
| Somatic Cell | -24 | Non-Imp. | Calf Survival | 1.4 | Improver |
| Mastitis | -3 | Non-Imp. | Digital Derma | 0.1 | Improver |

## Dam Lactation

icbf

| No. | Date | Days | Yield | Fat % | Protein % |
|---|---|---|---|---|---|
| 1 | 19/02/2018 | 305 | 6765 | 4.35 | 3.72 |
| 2 | 05/02/2019 | 305 | 7267 | 4.51 | 3.93 |
| 3 | 18/02/2020 | 305 | 8135 | 4.72 | 3.82 |
| 4 | 07/02/2021 | 305 | 8379 | 4.85 | 3.87 |

Production and fitness data supplied by AHDB.

PRODUCTION FERTILITY UDDER HEALTH

Ultraplus

# Belline R+O

Albert x Zander Keet x Curious

## EBI Data

HBN: HOLIRLM223918442550 AI Code: HO6883
Dam: Belline Florrie 855
G Dam: Belline Florrie 309
3rd Dam: Falko 5 Florrie

Haplotypes: TL TY TN TV TD TC

Breed: HO(78.13%), FR(21.88%)| Pedigree Status: PED

icbf PRODUCTION DTRS 0 | NOV 2023 | SOURCE ICBF

| Milk Kgs | Fat Kgs | Prot Kgs | Rel% | EBI €285 |
|---|---|---|---|---|
| -201 | 15.9 | 7.0 | 79% | |
| Caseins | Fat% | Pro% | | Rel% |
| AA - A1A2 | 0.43 | 0.25 | | 65% |

| Sub Indexes (€) | | Pc |
|---|---|---|
| Milk | 92 | 50% |
| Health | 4 | 20% |
| Fertility | 126 | 80% |
| Calving | 37 | 40% |
| Management | 7 | 80% |
| Maintenance | -2 | 20% |
| Beef | 16 | 95% |
| Carbon | 4 | 50% |

| Health | 4 | 67% |
|---|---|---|
| Somatic Cell | -0.04 | Improver |
| Mastitis | -0.04 | Improver |
| Lameness | 0.04 | Non-Imp. |
| TB % | 7.40% | Improver |

| Fertility | 126 | 43% |
|---|---|---|
| Calving Interval | -7.49 | Shorter |
| Survival Rate % | 2.59 | Improver |

| Calving | 37 | 91% |
|---|---|---|
| Risk of DHC | Moderate | |
| Maternal Calving Ease | 4.66% | Easier |
| Heifer DCE | 7.38% | Harder |
| Cow DCE | 2.82% | Harder |
| Gestation Length | -3.71 | Earlier |
| Mortality | -0.22 | Improver |

| Maintenance | -2 | 48% |
|---|---|---|
| Stature | -0.42 | Shorter |
| Live Weight | 17 | Heavier |

| Management | 7 | 55% |
|---|---|---|
| Tempera. | 0.09 | Improver |
| Ease of Milk | -13.3 | Faster |

| Conformation | -0.21 | Pc |
|---|---|---|
| Mammary | -0.22 | 60% |
| Feet+Legs | -0.28 | 50% |
| Stature | -0.42 | 50% |
| Chest Width | 0.87 | 70% |
| Body Depth | -0.40 | 60% |
| Locomotion | -0.86 | 20% |

## ACI/SCI Data

AHDB PRODUCTION DTRS 0 HERDS 0 | DEC 2023 | SOURCE GBR

| Milk Kgs | Fat Kgs | Prot Kgs | £SCI rlb | SCI £220 |
|---|---|---|---|---|
| -32 | 11.3 | 6.1 | 65 | |
| Rel% | Fat% | Prot% | £ACI rlb | ACI £228 |
| 71 | 0.25 | 0.14 | 65 | |

| | | | | | |
|---|---|---|---|---|---|
| Fertility Index | 6.0 | Improver | Lifespan | 18 | Improver |
| Calving Ease | 0.9 | Easier | Maintenance | 15 | Larger |
| Somatic Cell | 10 | Improver | Calf Survival | 2.1 | Improver |
| Mastitis | 1 | Improver | Digital Derma | 0.3 | Improver |

## Dam Lactation

icbf

| No. | Date | Days | Yield | Fat % | Protein % |
|---|---|---|---|---|---|
| 1 | 01/03/2009 | 261 | 4641 | 5.14 | 3.76 |
| 2 | 03/02/2010 | 305 | 5824 | 5.14 | 3.92 |
| 3 | 04/02/2011 | 305 | 7975 | 4.85 | 3.93 |
| 4 | 13/02/2012 | 305 | 7815 | 5.1 | 4 |

Production and fitness data supplied by AHDB.





PRODUCTION FERTILITY LIVEWEIGHT SURVIVAL

Ultraplus HighPurity

# Nextgen SERGEANT

Argent x Brigade x Jordanaire

## EBI Data

HBN: HOLIRLM226044652493 AI Code: HO7305
Dam: Nextgen FR2007 Joanne 897 VG85
G Dam: Starview CWJ Joanne 2 GP83
3rd Dam: Starview WSU Joanne

Haplotypes: TL TY TN TV TD TC

Breed: HO(71.88%), FR(28.13%)| Pedigree Status: BSR

icbf PRODUCTION DTRS 0 | NOV 2023 | SOURCE ICBF

| Milk Kgs | Fat Kgs | Prot Kgs | Rel% | EBI €287 |
|---|---|---|---|---|
| -251 | 13.1 | 4.3 | 81% | |
| Caseins | Fat% | Pro% | | Rel% |
| AB - A1A2 | 0.42 | 0.23 | | 65% |

| Sub Indexes (€) | | Pc |
|---|---|---|
| Milk | 75 | 30% |
| Health | 2 | 20% |
| Fertility | 144 | 90% |
| Calving | 43 | 60% |
| Management | 5 | 70% |
| Maintenance | 15 | 60% |
| Beef | -16 | 40% |
| Carbon | 18 | 80% |

| Health | 2 | 72% |
|---|---|---|
| Somatic Cell | -0.05 | Improver |
| Mastitis | -0.06 | Improver |
| Lameness | -0.08 | Improver |
| TB % | 11.12% | Non-Imp. |

| Fertility | 144 | 44% |
|---|---|---|
| Calving Interval | -7.56 | Shorter |
| Survival Rate % | 3.96 | Improver |

| Calving | 43 | 84% |
|---|---|---|
| Risk of DHC | Moderate | |
| Maternal Calving Ease | 4.76% | Easier |
| Heifer DCE | 6.52% | Harder |
| Cow DCE | 2.53% | Harder |
| Gestation Length | -3.98 | Earlier |
| Mortality | -0.32 | Improver |

| Maintenance | 15 | 53% |
|---|---|---|
| Stature | -1.99 | Shorter |
| Live Weight | -7 | Lighter |

| Management | 5 | 60% |
|---|---|---|
| Tempera. | 0.06 | Improver |
| Ease of Milk | -10.3 | Faster |

| Conformation | 0.30 | Pc |
|---|---|---|
| Mammary | 0.47 | 80% |
| Feet+Legs | 0.65 | 80% |
| Stature | -1.99 | 20% |
| Chest Width | 0.51 | 60% |
| Body Depth | -0.24 | 60% |
| Locomotion | 0.77 | 80% |

## ACI/SCI Data

AHDB PRODUCTION DTRS 0 HERDS 0 | DEC 2023 | SOURCE GBR

| Milk Kgs | Fat Kgs | Prot Kgs | £SCI rlb | SCI £334 |
|---|---|---|---|---|
| -314 | 3.3 | 1.1 | 65 | |
| Rel% | Fat% | Prot% | £ACI rlb | ACI £322 |
| 72 | 0.35 | 0.25 | 65 | |

| | | | | | |
|---|---|---|---|---|---|
| Fertility Index | 9.0 | Improver | Lifespan | 79 | Improver |
| Calving Ease | 1.1 | Easier | Maintenance | -12 | Compact |
| Somatic Cell | 11 | Improver | Calf Survival | 2.4 | Improver |
| Mastitis | 0 | Average | Digital Derma | 0.4 | Improver |

## Dam Lactation

icbf

| No. | Date | Days | Yield | Fat % | Protein % |
|---|---|---|---|---|---|
| 1 | 24/01/2018 | 305 | 4465 | 5.25 | 3.84 |
| 2 | 25/01/2019 | 293 | 4810 | 5.41 | 4.13 |
| 3 | 31/01/2020 | 300 | 6015 | 6.06 | 3.94 |
| 4 | 05/02/2021 | 305 | 6907 | 5.17 | 3.87 |

Production and fitness data supplied by AHDB.

SCI/ACI · PRODUCTION · SURVIVAL · UDDER HEALTH

# Crohanedairy SONNY

Dandyman x Ronaldo x Primo

Ultraplus HighPurity

## EBI Data

HBN: HOLIRLM225837640445 AI Code: HO7306
Dam: Crohanedairy FR2298 Alannah GP83
G Dam: Crohanedairy PBM Alannah GP83
3rd Dam: Alannah 1592

Haplotypes: TL TY TN TV TD TC
Breed: HO(75%), FR(25%)| Pedigree Status: BSR

icbf PRODUCTION DTRS 0 | NOV 2023 | SOURCE ICBF

| Milk Kgs | Fat Kgs | Prot Kgs | Rel% | EBI €294 |
|---|---|---|---|---|
| 161 | 14.7 | 16.3 | 79% | |
| Caseins | Fat% | Pro% | | Rel% |
| AA - A2A2 | 0.14 | 0.18 | | 66% |

| Sub Indexes (€) | | Pc |
|---|---|---|
| Milk | 112 | 80% |
| Health | 7 | 30% |
| Fertility | 118 | 80% |
| Calving | 52 | 80% |
| Management | 10 | 95% |
| Maintenance | 5 | 40% |
| Beef | -8 | 60% |
| Carbon | -2 | 40% |

## ACI/SCI Data

AHDB PRODUCTION DTRS 0 HERDS 0 | DEC 2023 | SOURCE GBR

| Milk Kgs | Fat Kgs | Prot Kgs | £SCI rlb | SCI £401 |
|---|---|---|---|---|
| 64 | 11.6 | 9.6 | 67 | |
| Rel% | Fat% | Prot% | £ACI rlb | ACI £421 |
| 73 | 0.17 | 0.15 | 67 | |

| | | | | | |
|---|---|---|---|---|---|
| Fertility Index | 10.6 | Improver | Lifespan | 82 | Improver |
| Calving Ease | 1.5 | Easier | Maintenance | -10 | Compact |
| Somatic Cell | -4 | Non-Imp. | Calf Survival | 0.7 | Improver |
| Mastitis | -1 | Non-Imp. | Digital Derma | 0.5 | Improver |

| Health | | 7 73% |
|---|---|---|
| Somatic Cell | -0.09 | Improver |
| Mastitis | -0.06 | Improver |
| Lameness | -0.02 | Improver |
| TB % | 8.83% | Non-Imp. |

| Fertility | | 118 43% |
|---|---|---|
| Calving Interval | -6.19 | Shorter |
| Survival Rate % | 3.23 | Improver |

| Calving | | 52 94% |
|---|---|---|
| Risk of DHC | Low | |
| Maternal Calving Ease | 4.54% | Easier |
| Heifer DCE | 5.44% | Easier |
| Cow DCE | 2.26% | Easier |
| Gestation Length | -4.40 | Earlier |
| Mortality | -0.08 | Improver |

| Maintenance | | 5 51% |
|---|---|---|
| Stature | -1.11 | Shorter |
| Live Weight | 7 | Heavier |

| Management | | 10 59% |
|---|---|---|
| Tempera. | 0.07 | Improver |
| Ease of Milk | -24.6 | Faster |

| Conformation | | -0.76 Pc |
|---|---|---|
| Mammary | -0.94 | 40% |
| Feet+Legs | 0.54 | 80% |
| Stature | -1.11 | 40% |
| Chest Width | 0.41 | 60% |
| Body Depth | -1.04 | 40% |
| Locomotion | 0.57 | 70% |

## Dam Lactation

icbf

| No. | Date | Days | Yield | Fat % | Protein % |
|---|---|---|---|---|---|
| 1 | 29/01/2020 | 293 | 5780 | 3.77 | 3.72 |
| 2 | 02/02/2021 | 305 | 6930 | 4.24 | 3.93 |
| 3 | NULL | NULL | NULL | NULL | NULL |
| 4 | NULL | NULL | NULL | NULL | NULL |

Production and fitness data supplied by AHDB.



IRISH HOLSTEIN FRIESIAN

FERTILITY · LIVEWEIGHT · EBI · SURVIVAL

# Coolnaclehy TOPGUN

Barna x Andy x Jordanaire

Ultraplus HighPurity

## EBI Data

HBN: HOLIRLM213112952351 AI Code: HO7723
Dam: Coolnaclehy YAD Monica
G Dam: Coolnaclehy CWJ Monica
3rd Dam: Coolnaclehy GMI Monica

Haplotypes: TL TY TN TV TD TC
Breed: HO(68.75%), FR(25%), MO(3.13%), NR(3.13%)| Pedigree Status: BSR

icbf PRODUCTION DTRS 0 | NOV 2023 | SOURCE ICBF

| Milk Kgs | Fat Kgs | Prot Kgs | Rel% | EBI €358 |
|---|---|---|---|---|
| -34 | 17.8 | 10.4 | 72% | |
| Caseins | Fat% | Pro% | | Rel% |
| AA - A1A2 | 0.33 | 0.20 | | 55% |

| Sub Indexes (€) | | Pc |
|---|---|---|
| Milk | 101 | 60% |
| Health | 22 | 80% |
| Fertility | 157 | 90% |
| Calving | 47 | 70% |
| Management | 3 | 60% |
| Maintenance | 19 | 70% |
| Beef | -8 | 60% |
| Carbon | 17 | 80% |

## ACI/SCI Data

AHDB PRODUCTION DTRS 0 HERDS 0 | DEC 2023 | SOURCE GBR

| Milk Kgs | Fat Kgs | Prot Kgs | £SCI rlb | SCI £376 |
|---|---|---|---|---|
| -281 | 12.6 | 4.2 | 63 | |
| Rel% | Fat% | Prot% | £ACI rlb | ACI £357 |
| 70 | 0.52 | 0.29 | 63 | |

| | | | | | |
|---|---|---|---|---|---|
| Fertility Index | 10.7 | Improver | Lifespan | 21 | Improver |
| Calving Ease | 1.4 | Easier | Maintenance | 0 | Average |
| Somatic Cell | 9 | Improver | Calf Survival | 1.8 | Improver |
| Mastitis | 1 | Improver | Digital Derma | 0.0 | Average |

| Health | | 22 66% |
|---|---|---|
| Somatic Cell | -0.11 | Improver |
| Mastitis | -0.09 | Improver |
| Lameness | -0.06 | Improver |
| TB % | 6.12% | Improver |

| Fertility | | 157 33% |
|---|---|---|
| Calving Interval | -8.41 | Shorter |
| Survival Rate % | 4.1 | Improver |

| Calving | | 47 59% |
|---|---|---|
| Risk of DHC | Moderate | |
| Maternal Calving Ease | 4.56% | Easier |
| Heifer DCE | 6.98% | Harder |
| Cow DCE | 2.57% | Harder |
| Gestation Length | -4.37 | Earlier |
| Mortality | -0.66 | Improver |

| Maintenance | | 19 39% |
|---|---|---|
| Stature | -1.36 | Shorter |
| Live Weight | -12 | Lighter |

| Management | | 3 55% |
|---|---|---|
| Tempera. | -0.11 | Non-Imp. |
| Ease of Milk | -20.8 | Faster |

| Conformation | | -1.67 Pc |
|---|---|---|
| Mammary | -1.45 | 30% |
| Feet+Legs | -1.11 | 30% |
| Stature | -1.36 | 30% |
| Chest Width | 0.15 | 50% |
| Body Depth | -0.71 | 50% |
| Locomotion | -0.34 | 40% |

## Dam Lactation

icbf

| No. | Date | Days | Yield | Fat % | Protein % |
|---|---|---|---|---|---|
| 1 | 25/02/2018 | 258 | 5364 | 4.85 | 3.78 |
| 2 | 17/02/2019 | 297 | 6408 | 4.58 | 4.01 |
| 3 | 18/02/2020 | 274 | 5952 | 4.53 | 4 |
| 4 | 23/02/2021 | 279 | 6417 | 4.49 | 4.01 |

Production and fitness data supplied by AHDB.

# Oldabbey TORC

Stark x Spider x Conor

DAM AND THIRD DAM OF TORC

## EBI Data

HBN: HOLIRLM218665571649 AI Code: HO7719
Dam: Oldabbey Saucy 1485
G Dam: Oldabbey Saucy 1212
3rd Dam: Oldabbey KOZ Saucy

Haplotypes: TL TY TN TV TD TC HH3C
Breed: HO(71.88%), FR(25%), JE(3.13%)| Pedigree Status: PED

icbf PRODUCTION DTRS 0 | NOV 2023 | SOURCE ICBF

| Milk Kgs | Fat Kgs | Prot Kgs | Rel% | EBI €337 |
|---|---|---|---|---|
| 91 | 20.4 | 13.3 | 78% | |
| Caseins | Fat% | Pro% | | Rel% |
| AB - A2A2 | 0.29 | 0.17 | | 58% |

| Sub Indexes (€) | | Pc |
|---|---|---|
| Milk | 112 | 80% |
| Health | 18 | 70% |
| Fertility | 131 | 80% |
| Calving | 55 | 90% |
| Management | 0 | 30% |
| Maintenance | 21 | 70% |
| Beef | -8 | 60% |
| Carbon | 9 | 60% |

| Health | | 18 69% |
|---|---|---|
| Somatic Cell | -0.12 | Improver |
| Mastitis | -0.05 | Improver |
| Lameness | -0.05 | Improver |
| TB % | 6.47% | Improver |

| Fertility | | 131 38% |
|---|---|---|
| Calving Interval | -7.28 | Shorter |
| Survival Rate % | 3.13 | Improver |

| Calving | | 55 52% |
|---|---|---|
| Risk of DHC | Low | |
| Maternal Calving Ease | 4.17% | Easier |
| Heifer DCE | 5.11% | Easier |
| Cow DCE | 2.30% | Easier |
| Gestation Length | -4.45 | Earlier |
| Mortality | -0.14 | Improver |

| Maintenance | | 21 43% |
|---|---|---|
| Stature | -0.69 | Shorter |
| Live Weight | -14 | Lighter |

| Management | | 0 55% |
|---|---|---|
| Tempera. | -0.02 | Non-Imp. |
| Ease of Milk | -2.1 | Faster |

| Conformation | | -0.67 Pc |
|---|---|---|
| Mammary | -1.40 | 30% |
| Feet+Legs | 0.24 | 70% |
| Stature | -0.69 | 50% |
| Chest Width | 0.11 | 50% |
| Body Depth | -1.64 | 20% |
| Locomotion | 0.79 | 80% |

## ACI/SCI Data

AHDB PRODUCTION DTRS 0 HERDS 0 | DEC 2023 | SOURCE GBR

| Milk Kgs | Fat Kgs | Prot Kgs | £SCI rlb | SCI £292 |
|---|---|---|---|---|
| -109 | 3.5 | 4.6 | 65 | |
| Rel% | Fat% | Prot% | £ACI rlb | ACI £298 |
| 72 | 0.16 | 0.17 | 65 | |

| | | | | | |
|---|---|---|---|---|---|
| Fertility Index | 10.3 | Improver | Lifespan | 54 | Improver |
| Calving Ease | 0.7 | Easier | Maintenance | -3 | Compact |
| Somatic Cell | -6 | Non-Imp. | Calf Survival | 0.8 | Improver |
| Mastitis | -1 | Non-Imp. | Digital Derma | 0.2 | Improver |

## Dam Lactation

icbf

| No. | Date | Days | Yield | Fat % | Protein % |
|---|---|---|---|---|---|
| 1 | 20/01/2022 | 304 | 5685 | 4.84 | 3.88 |
| 2 | 10/02/2023 | 212 | 4591 | 4.61 | 3.91 |
| 3 | NULL | NULL | NULL | NULL | NULL |
| 4 | NULL | NULL | NULL | NULL | NULL |





IRISH HOLSTEIN FRIESIAN

# Springhaven TRUMPET

Jimbob x Andy x Ruud 22

DAM OF TRUMPET, SPRINGHAVEN ELIZABETH 156 (8TH LACT)

## EBI Data

HBN: HOLIRLM219543747210 AI Code: HO7722
Dam: Springhaven Elizabeth 156
G Dam: Springhaven Elizabeth 110
3rd Dam: Springhaven Elizabeth 87

Haplotypes: TL TY TN TV TD TC
Breed: HO(71.88%), FR(28.13%)| Pedigree Status: BSR

icbf PRODUCTION DTRS 0 | NOV 2023 | SOURCE ICBF

| Milk Kgs | Fat Kgs | Prot Kgs | Rel% | EBI €358 |
|---|---|---|---|---|
| -145 | 14.2 | 8.5 | 75% | |
| Caseins | Fat% | Pro% | | Rel% |
| AB - A1A1 | 0.36 | 0.24 | | 55% |

| Sub Indexes (€) | | Pc |
|---|---|---|
| Milk | 92 | 50% |
| Health | 17 | 60% |
| Fertility | 178 | 95% |
| Calving | 40 | 50% |
| Management | -2 | 20% |
| Maintenance | 18 | 70% |
| Beef | -7 | 70% |
| Carbon | 22 | 80% |

| Health | | 17 65% |
|---|---|---|
| Somatic Cell | -0.09 | Improver |
| Mastitis | -0.05 | Improver |
| Lameness | -0.02 | Improver |
| TB % | 5.74% | Improver |

| Fertility | | 178 33% |
|---|---|---|
| Calving Interval | -10.48 | Shorter |
| Survival Rate % | 3.67 | Improver |

| Calving | | 40 59% |
|---|---|---|
| Risk of DHC | Low | |
| Maternal Calving Ease | 5.28% | Easier |
| Heifer DCE | 5.35% | Easier |
| Cow DCE | 2.37% | Easier |
| Gestation Length | -3.54 | Earlier |
| Mortality | -0.12 | Improver |

| Maintenance | | 18 39% |
|---|---|---|
| Stature | -1.98 | Shorter |
| Live Weight | -10 | Lighter |

| Management | | -2 53% |
|---|---|---|
| Tempera. | -0.01 | Non-Imp. |
| Ease of Milk | 5.2 | Slower |

| Conformation | | -1.06 Pc |
|---|---|---|
| Mammary | -0.51 | 50% |
| Feet+Legs | -0.84 | 30% |
| Stature | -1.98 | 20% |
| Chest Width | 0.26 | 60% |
| Body Depth | -1.06 | 40% |
| Locomotion | -0.06 | 50% |

## ACI/SCI Data

AHDB PRODUCTION DTRS 0 HERDS 0 | DEC 2023 | SOURCE GBR

| Milk Kgs | Fat Kgs | Prot Kgs | £SCI rlb | SCI £254 |
|---|---|---|---|---|
| -190 | 4.2 | 4.3 | 62 | |
| Rel% | Fat% | Prot% | £ACI rlb | ACI £232 |
| 70 | 0.25 | 0.22 | 62 | |

| | | | | | |
|---|---|---|---|---|---|
| Fertility Index | 3.8 | Improver | Lifespan | 0 | Average |
| Calving Ease | 1.0 | Easier | Maintenance | -5 | Compact |
| Somatic Cell | 1 | Improver | Calf Survival | 0.8 | Improver |
| Mastitis | 0 | Average | Digital Derma | 0.4 | Improver |

## Dam Lactation

icbf

| No. | Date | Days | Yield | Fat % | Protein % |
|---|---|---|---|---|---|
| 1 | 22/04/2016 | 225 | 3283 | 5.1 | 3.86 |
| 2 | 17/03/2017 | 246 | 5040 | 5.13 | 3.96 |
| 3 | 23/02/2018 | 273 | 5829 | 5.33 | 3.9 |
| 4 | 10/02/2019 | 297 | 6043 | 5.17 | 3.92 |

SURVIVAL · EBI · FERTILITY · PRODUCTION

Ultraplus HighPurity

# Berginsview TURBO

Magic x Grandeur x Orla

DAM OF TURBO, BERGINSVIEW BUFFY 1272

## EBI Data

HBN: HOLIRLM213061521865 AI Code: HO7106
Dam: Berginsview Buffy 1272
G Dam: Berginsview ORL Buffy
3rd Dam: Berginsview UYC Buffy

Haplotypes: TL TY TN TV TD TC
Breed: HO(68.75%), FR(31.25%)| Pedigree Status: BSR

icbf — PRODUCTION DTRS 0 | NOV 2023 | SOURCE ICBF

| Milk Kgs | Fat Kgs | Prot Kgs | Rel% | EBI €332 |
|---|---|---|---|---|
| -31 | 14.0 | 7.2 | 80% | |
| Caseins | Fat% | Pro% | | Rel% |
| AB - A1A2 | 0.27 | 0.15 | | 62% |

| Sub Indexes (€) | | Pc |
|---|---|---|
| Milk | 74 | 30% |
| Health | 9 | 40% |
| Fertility | 165 | 95% |
| Calving | 62 | 99% |
| Management | -1 | 20% |
| Maintenance | 15 | 60% |
| Beef | -11 | 60% |
| Carbon | 18 | 80% |

| Health | 9 | 69% |
|---|---|---|
| Somatic Cell | -0.04 | Improver |
| Mastitis | -0.06 | Improver |
| Lameness | -0.01 | Improver |
| TB % | 7.31% | Improver |

| Fertility | 165 | 41% |
|---|---|---|
| Calving Interval | -9.55 | Shorter |
| Survival Rate % | 3.6 | Improver |

| Calving | 62 | 70% |
|---|---|---|
| Risk of DHC | Low | |
| Maternal Calving Ease | 5.02% | Easier |
| Heifer DCE | 3.91% | Easier |
| Cow DCE | 1.67% | Easier |
| Gestation Length | -5.04 | Earlier |
| Mortality | -0.83 | Improver |

| Maintenance | 15 | 48% |
|---|---|---|
| Stature | -1.29 | Shorter |
| Live Weight | -7 | Lighter |

| Management | -1 | 56% |
|---|---|---|
| Tempera. | -0.03 | Non-Imp. |
| Ease of Milk | 0.6 | Slower |

| Conformation | -1.09 | Pc |
|---|---|---|
| Mammary | -1.25 | 30% |
| Feet+Legs | -1.03 | 30% |
| Stature | -1.29 | 30% |
| Chest Width | 0.17 | 60% |
| Body Depth | -1.47 | 30% |
| Locomotion | -1.04 | 20% |

## ACI/SCI Data

AHDB — PRODUCTION DTRS 0 HERDS 0 | DEC 2023 | SOURCE GBR

| Milk Kgs | Fat Kgs | Prot Kgs | £SCI rlb | SCI £355 |
|---|---|---|---|---|
| -78 | 7.8 | 4.9 | 65 | |
| Rel% | Fat% | Prot% | £ACI rlb | ACI £352 |
| 72 | 0.22 | 0.15 | 65 | |

| | | | | | |
|---|---|---|---|---|---|
| Fertility Index | 10.3 | Improver | Lifespan | 54 | Improver |
| Calving Ease | 1.3 | Easier | Maintenance | -8 | Compact |
| Somatic Cell | -1 | Non-Imp. | Calf Survival | 1.1 | Improver |
| Mastitis | -1 | Non-Imp. | Digital Derma | 0.3 | Improver |

## Dam Lactation

icbf

| No. | Date | Days | Yield | Fat % | Protein % |
|---|---|---|---|---|---|
| 1 | 19/02/2017 | 271 | 6302 | 5.12 | 3.8 |
| 2 | 05/02/2018 | 292 | 7771 | 4.64 | 3.89 |
| 3 | 12/02/2019 | 300 | 7783 | 4.6 | 3.89 |
| 4 | 11/02/2020 | 284 | 7337 | 4.34 | 3.76 |

Production and fitness data supplied by AHDB.







SURVIVAL · LAMENESS · PRODUCTION

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# Castleterry VICTOR

Samir x Argent x Primo

DAM OF VICTOR, CASTLETERRY GREY 1256

## EBI Data

HBN: HOLIRLM223545551430 AI Code: HO6882
Dam: Castleterry Grey 1256
G Dam: Castleterry PBM Grey
3rd Dam: Castleterry NFT Grey

Haplotypes: TL TY TN TV TD TC
Breed: HO(71.88%), FR(28.13%)| Pedigree Status: BSR

icbf — PRODUCTION DTRS 0 | NOV 2023 | SOURCE ICBF

| Milk Kgs | Fat Kgs | Prot Kgs | Rel% | EBI €297 |
|---|---|---|---|---|
| 161 | 12.7 | 14.7 | 80% | |
| Caseins | Fat% | Pro% | | Rel% |
| BB - A2A2 | 0.11 | 0.16 | | 66% |

| Sub Indexes (€) | | Pc |
|---|---|---|
| Milk | 98 | 60% |
| Health | 6 | 30% |
| Fertility | 119 | 80% |
| Calving | 57 | 95% |
| Management | 4 | 70% |
| Maintenance | 13 | 60% |
| Beef | -9 | 60% |
| Carbon | 8 | 60% |

| Health | 6 | 72% |
|---|---|---|
| Somatic Cell | -0.08 | Improver |
| Mastitis | -0.01 | Improver |
| Lameness | -0.02 | Improver |
| TB % | 7.90% | Improver |

| Fertility | 119 | 42% |
|---|---|---|
| Calving Interval | -6.47 | Shorter |
| Survival Rate % | 3.04 | Improver |

| Calving | 57 | 93% |
|---|---|---|
| Risk of DHC | Low | |
| Maternal Calving Ease | 4.00% | Easier |
| Heifer DCE | 4.65% | Easier |
| Cow DCE | 1.88% | Easier |
| Gestation Length | -4.33 | Earlier |
| Mortality | 0.27 | Non-Imp. |

| Maintenance | 13 | 47% |
|---|---|---|
| Stature | -1.49 | Shorter |
| Live Weight | -4 | Lighter |

| Management | 4 | 59% |
|---|---|---|
| Tempera. | 0.1 | Improver |
| Ease of Milk | -2.7 | Faster |

| Conformation | -0.11 | Pc |
|---|---|---|
| Mammary | 0.09 | 70% |
| Feet+Legs | -0.17 | 50% |
| Stature | -1.49 | 30% |
| Chest Width | 0.93 | 80% |
| Body Depth | 0.13 | 80% |
| Locomotion | 0.46 | 70% |

## ACI/SCI Data

AHDB — PRODUCTION DTRS 0 HERDS 0 | DEC 2023 | SOURCE GBR

| Milk Kgs | Fat Kgs | Prot Kgs | £SCI rlb | SCI £276 |
|---|---|---|---|---|
| -157 | -0.9 | 5.2 | 66 | |
| Rel% | Fat% | Prot% | £ACI rlb | ACI £267 |
| 73 | 0.12 | 0.22 | 66 | |

| | | | | | |
|---|---|---|---|---|---|
| Fertility Index | 8.6 | Improver | Lifespan | 45 | Improver |
| Calving Ease | 1.1 | Easier | Maintenance | -2 | Compact |
| Somatic Cell | 4 | Improver | Calf Survival | 1.4 | Improver |
| Mastitis | 0 | Average | Digital Derma | -0.1 | Non-Imp. |

## Dam Lactation

icbf

| No. | Date | Days | Yield | Fat % | Protein % |
|---|---|---|---|---|---|
| 1 | 27/01/2020 | 305 | 6949 | 4 | 3.76 |
| 2 | 30/01/2021 | 291 | 7041 | 3.88 | 3.77 |
| 3 | 17/01/2022 | 291 | 6545 | 4.23 | 3.66 |
| 4 | 16/11/2022 | 305 | 6714 | 4.24 | 3.62 |

Production and fitness data supplied by AHDB.

# Ballinborta VIGOUR

Rio x Kodak x Justice

## EBI Data

HBN: HOLIRLM219762155530 AI Code: HO7199
Dam: 372219762134191
G Dam: Ballinaborta BHZ Ivy
3rd Dam: Ballinaborta HZO Ivy

Haplotypes: TL TY TN TV TD TC

Breed: HO(46.88%), FR(21.88%), JE(31.25%)| Pedigree Status: NON PED

icbf PRODUCTION DTRS 0 | NOV 2023 | SOURCE ICBF

| Milk Kgs | Fat Kgs | Prot Kgs | Rel% | EBI €280 |
|---|---|---|---|---|
| -194 | 14.5 | 6.1 | 78% | |
| Caseins | Fat% | Pro% | | Rel% |
| AB - A2A2 | 0.40 | 0.23 | | 58% |

| Sub Indexes (€) | | Pc |
|---|---|---|
| Milk | 84 | 40% |
| Health | 11 | 50% |
| Fertility | 125 | 80% |
| Calving | 41 | 60% |
| Management | 9 | 90% |
| Maintenance | 24 | 80% |
| Beef | -38 | 10% |
| Carbon | 24 | 90% |

| Health | 11 | 62% |
|---|---|---|
| Somatic Cell | -0.05 | Improver |
| Mastitis | -0.05 | Improver |
| Lameness | -0.09 | Improver |
| TB % | 8.22% | Non-Imp. |

| Fertility | 125 | 37% |
|---|---|---|
| Calving Interval | -7.85 | Shorter |
| Survival Rate % | 2.12 | Improver |

| Calving | 41 | 58% |
|---|---|---|
| Risk of DHC | Low | |
| Maternal Calving Ease | 4.63% | Easier |
| Heifer DCE | 5.30% | Easier |
| Cow DCE | 2.27% | Easier |
| Gestation Length | -2.89 | Earlier |
| Mortality | -0.8 | Improver |

| Maintenance | 24 | 46% |
|---|---|---|
| Stature | -1.63 | Shorter |
| Live Weight | -19 | Lighter |

| Management | 9 | 53% |
|---|---|---|
| Tempera. | 0.19 | Improver |
| Ease of Milk | -7.7 | Faster |

| Conformation | -0.65 | Pc |
|---|---|---|
| Mammary | -0.83 | 40% |
| Feet+Legs | -0.12 | 50% |
| Stature | -1.63 | 30% |
| Chest Width | 0.02 | 50% |
| Body Depth | -1.21 | 30% |
| Locomotion | 0.15 | 60% |

## ACI/SCI Data

AHDB PRODUCTION DTRS 0 HERDS 0 | DEC 2023 | SOURCE CONV

| Milk Kgs | Fat Kgs | Prot Kgs | £SCI rlb | SCI £383 |
|---|---|---|---|---|
| -271 | 10.2 | 4.8 | CONV | |
| Rel% | Fat% | Prot% | £ACI rlb | ACI £361 |
| 62 | 0.46 | 0.29 | CONV | |

| | | | | | |
|---|---|---|---|---|---|
| Fertility Index | 11.1 | Improver | Lifespan | 46 | Improver |
| Calving Ease | N/A | | Maintenance | -11 | Compact |
| Somatic Cell | 6 | Improver | Calf Survival | N/A | |
| Mastitis | 0 | Average | Digital Derma | N/A | |

## Dam Lactation

icbf

| No. | Date | Days | Yield | Fat % | Protein % |
|---|---|---|---|---|---|
| 1 | 23/02/2020 | 289 | 4229 | 4.92 | 4.12 |
| 2 | 02/03/2021 | 282 | 4268 | 4.31 | 3.95 |
| 3 | NULL | NULL | NULL | NULL | NULL |
| 4 | NULL | NULL | NULL | NULL | NULL |







# Ballymaddock WARRIOR

Ring O x Reliable x Uphill

## EBI Data

HBN: HOLIRLM219292141519 AI Code: HO7308
Dam: Ballymaddock LWR Daffodil 6
G Dam: Ballymaddock UPH Daffodil 5 VG86
3rd Dam: Ballymaddock RUU Daffodil 5

Haplotypes: TL TY TN TV TD TC

Breed: HO(90.63%), FR(9.38%)| Pedigree Status: PED

icbf PRODUCTION DTRS 0 | NOV 2023 | SOURCE ICBF

| Milk Kgs | Fat Kgs | Prot Kgs | Rel% | EBI €310 |
|---|---|---|---|---|
| 121 | 15.0 | 11.8 | 80% | |
| Caseins | Fat% | Pro% | | Rel% |
| AA - A1A2 | 0.18 | 0.13 | | 65% |

| Sub Indexes (€) | | Pc |
|---|---|---|
| Milk | 90 | 50% |
| Health | 12 | 50% |
| Fertility | 135 | 80% |
| Calving | 64 | 99% |
| Management | -3 | 10% |
| Maintenance | 0 | 30% |
| Beef | 16 | 95% |
| Carbon | -3 | 40% |

| Health | 12 | 72% |
|---|---|---|
| Somatic Cell | -0.12 | Improver |
| Mastitis | -0.06 | Improver |
| Lameness | -0.04 | Improver |
| TB % | 8.23% | Non-Imp. |

| Fertility | 135 | 43% |
|---|---|---|
| Calving Interval | -7.28 | Shorter |
| Survival Rate % | 3.5 | Improver |

| Calving | 64 | 88% |
|---|---|---|
| Risk of DHC | Low | |
| Maternal Calving Ease | 4.71% | Easier |
| Heifer DCE | 4.61% | Easier |
| Cow DCE | 2.08% | Easier |
| Gestation Length | -5.60 | Earlier |
| Mortality | -0.47 | Improver |

| Maintenance | 0 | 49% |
|---|---|---|
| Stature | 0.28 | Taller |
| Live Weight | 14 | Heavier |

| Management | -3 | 60% |
|---|---|---|
| Tempera. | -0.09 | Non-Imp. |
| Ease of Milk | -0.1 | Faster |

| Conformation | 0.10 | Pc |
|---|---|---|
| Mammary | -0.78 | 40% |
| Feet+Legs | 1.08 | 80% |
| Stature | 0.28 | 70% |
| Chest Width | 0.28 | 60% |
| Body Depth | -1.21 | 30% |
| Locomotion | 1.17 | 80% |

## ACI/SCI Data

AHDB PRODUCTION DTRS 0 HERDS 0 | DEC 2023 | SOURCE GBR

| Milk Kgs | Fat Kgs | Prot Kgs | £SCI rlb | SCI £236 |
|---|---|---|---|---|
| 38 | 2.8 | 6 | 65 | |
| Rel% | Fat% | Prot% | £ACI rlb | ACI £268 |
| 72 | 0.02 | 0.09 | 65 | |

| | | | | | |
|---|---|---|---|---|---|
| Fertility Index | 11.9 | Improver | Lifespan | 60 | Improver |
| Calving Ease | 1.0 | Easier | Maintenance | 11 | Larger |
| Somatic Cell | -3 | Non-Imp. | Calf Survival | 2.4 | Improver |
| Mastitis | -1 | Non-Imp. | Digital Derma | 0.3 | Improver |

## Dam Lactation

icbf

| No. | Date | Days | Yield | Fat % | Protein % |
|---|---|---|---|---|---|
| 1 | 01/03/2019 | 295 | 7102 | 4.55 | 3.86 |
| 2 | 06/03/2020 | 285 | 7645 | 4.47 | 3.66 |
| 3 | 09/02/2021 | 295 | 9599 | 5.09 | 3.66 |
| 4 | NULL | NULL | NULL | NULL | NULL |

FERTILITY LIVEWEIGHT LAMENESS EBI

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# Cillwalsh WONDER

Katman x Taurus x Merci 5

DAM OF WONDER, CILLWALSH WEARY 13

## EBI Data

HBN: HOLIRLM217532162149 AI Code: HO6595
Dam: Cillwalsh Weary 13 1703
G Dam: Cillwalsh MTZ Weary
3rd Dam: Cillwalsh UYC Weary

Haplotypes: TL TY TN TV TD TC
Breed: HO(81.25%), FR(18.75%)| Pedigree Status: PED

icbf PRODUCTION DTRS 19 | NOV 2023 | SOURCE ICBF

| Milk Kgs | Fat Kgs | Prot Kgs | Rel% | EBI €292 |
|---|---|---|---|---|
| -35 | 11.1 | 7.6 | 84% | |
| Caseins | Fat% | Pro% | | Rel% |
| AB - A2A2 | 0.22 | 0.15 | | 71% |

| Sub Indexes (€) | | Pc |
|---|---|---|
| Milk | 71 | 30% |
| Health | 8 | 40% |
| Fertility | 145 | 90% |
| Calving | 43 | 60% |
| Management | 1 | 40% |
| Maintenance | 19 | 70% |
| Beef | -16 | 40% |
| Carbon | 21 | 80% |

| Health | | 8 71% |
|---|---|---|
| Somatic Cell | -0.08 | Improver |
| Mastitis | -0.08 | Improver |
| Lameness | -0.06 | Improver |
| TB % | 9.56% | Non-Imp. |

| Fertility | | 145 45% |
|---|---|---|
| Calving Interval | -8.78 | Shorter |
| Survival Rate % | 2.78 | Improver |

| Calving | | 43 97% |
|---|---|---|
| Risk of DHC | Low | |
| Maternal Calving Ease | 5.04% | Easier |
| Heifer DCE | 5.55% | Easier |
| Cow DCE | 2.42% | Easier |
| Gestation Length | -3.63 | Earlier |
| Mortality | -0.66 | Improver |

| Maintenance | | 19 54% |
|---|---|---|
| Stature | -0.97 | Shorter |
| Live Weight | -12 | Lighter |

| Management | | 1 55% |
|---|---|---|
| Tempera. | -0.06 | Non-Imp. |
| Ease of Milk | -8.7 | Faster |

| Conformation | | -0.48 Pc |
|---|---|---|
| Mammary | -0.65 | 50% |
| Feet+Legs | -0.29 | 50% |
| Stature | -0.97 | 40% |
| Chest Width | 0.49 | 60% |
| Body Depth | -0.56 | 50% |
| Locomotion | 0.24 | 70% |

## ACI/SCI Data

AHDB PRODUCTION DTRS 0 HERDS 0 | DEC 2023 | SOURCE GBR

| Milk Kgs | Fat Kgs | Prot Kgs | £SCI rlb | SCI £407 |
|---|---|---|---|---|
| -32 | 7.8 | 7.2 | 64 | |
| Rel% | Fat% | Prot% | £ACI rlb | ACI £417 |
| 71 | 0.18 | 0.17 | 64 | |

| | | | | | |
|---|---|---|---|---|---|
| Fertility Index | 12.5 | Improver | Lifespan | 73 | Improver |
| Calving Ease | 1.3 | Easier | Maintenance | -9 | Compact |
| Somatic Cell | 0 | Average | Calf Survival | 2.2 | Improver |
| Mastitis | -1 | Non-Imp. | Digital Derma | 0.3 | Improver |

## Dam Lactation

icbf

| No. | Date | Days | Yield | Fat % | Protein % |
|---|---|---|---|---|---|
| 1 | 03/02/2017 | 285 | 4937 | 4.43 | 3.78 |
| 2 | 14/02/2018 | 279 | 5623 | 4.11 | 3.83 |
| 3 | 31/01/2019 | 294 | 6572 | 4.58 | 3.96 |
| 4 | 09/02/2020 | 299 | 6999 | 4.91 | 3.86 |

Production and fitness data supplied by AHDB.

# UNDERSTANDING NEW ZEALAND BULL DATA

**Cogent is proud to be able to offer a selection of New Zealand Jersey bulls through its partnership with LIC. Here is a guide to understanding New Zealand bull data and its Breeding Worth Index.**

## Across all Breeds Evaluation

The catalogue presents bull data across all breeds, aligning with NZAEL and LIC's approach to ranking New Zealand dairy animals. Given that dairy farmers globally often choose genetics from various breeds to optimize herd performance, understanding how an animal contributes to the overall herd is crucial.

## The Base Cow

The New Zealand Base Cow is the genetic benchmark for assessing Breeding Worth (BW) and Breeding Values (BV) in all New Zealand dairy cattle. Information in this catalog is relative to the 2005 Base Cow, representing 21,585 cows born that year, with production and Traits Other than Production (TOP) data set to zero. Each cow undergoes at least four TOP inspections and milk recordings for accuracy. TOP encompasses behavior, temperament, and physical attributes, scored on a scale from one to nine, with records from two-year-old animals used for sire evaluations. A score of 1 is undesirable, 5 is average and 9 is desirable.

## Breeding Worth Explained

## National Breeding Objective

The New Zealand dairy industry aims to breed cows that efficiently convert feed into profit.

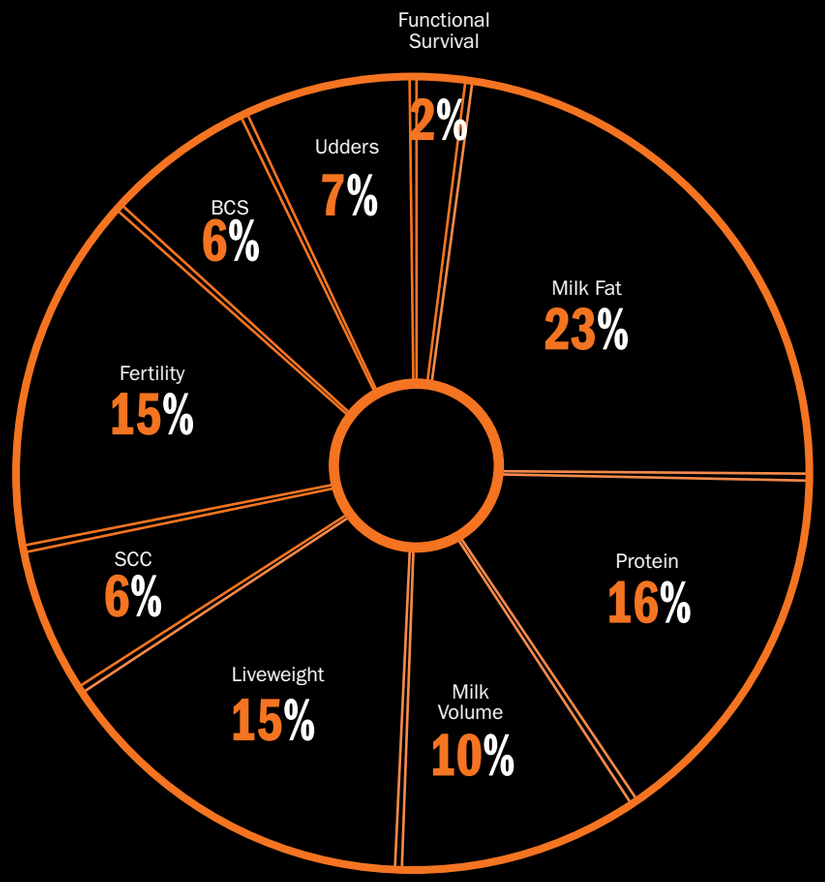
This is pursued through the Breeding Worth (BW) index, measured in NZ$. BW combines genetic merit breeding values (BV) and updated economic values (EV) across nine key traits, including four production and five robustness traits. It ranks bulls and cows based on the expected profit their offspring will generate compared to the genetic reference point, the 'Base Cow,' set at zero. BW is calculated by multiplying the breeding value of each contributing trait by its economic value and summing the results.

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

Breeding Values (BV) estimate the genetic merit of a cow or bull for a trait, updated monthly based on performance data. Economic Values (EV) signify the economic value of a trait, annually updated using on-farm economic models. The calculation involves a rolling average of historic, current, and forecast milk prices due to yearly fluctuations. The resulting profit index, relative to the animal, passes half its value to offspring. For instance, if a bull has a BW of $200 and a cow of BW $100, their offspring is expected to generate $150 more profit annually than the Base Cow. EVs determine trait weightings, adjusting slightly each year.

## Breeding Worth Traits

Breeding Worth includes nine traits categorized into Production Efficiency and Robustness. Milk fat, Protein, Milk Volume, and Liveweight fall under Production Efficiency, estimating production and feed efficiency. Robustness traits, including Fertility, Somatic Cell Score (SCS), Functional Survival (FS), Body Condition Score (BCS), and Udder Overall (UO), are crucial for cow health and herd survival.




## Breeding Worth Reliability

The Reliability figure in Breeding Worth (BW) predictions indicates the accuracy and stability of the estimation. Reported on a scale of 0 to 100%, higher reliability suggests greater certainty in reflecting the animal's true genetic merit. Reliability increases with more information: no information (0%), ancestry information (20-30%), genomic information (40-60%), and daughter proof information (70-99%). Proven bulls typically have higher reliability figures than cows due to their larger number of milking daughters.

## LIC HoofPrint

The HoofPrint index identifies bulls with potential to sire progeny for dairy herds with a reduced environmental impact. This 10-point ranking system aids farmers in achieving their environmental impact reduction goals and making informed decisions about milk production efficiency. Scores range from 10 to 1, with 10 indicating the highest potential to reduce environmental impact per kg of product. The HoofPrint Modelling methodology calculates expected enteric methane emissions and urinary nitrogen excretion, highlighting bulls that efficiently convert their food into milk production.

NEW ZEALAND JERSEY

PRODUCTION · FERTILITY · UDDER HEALTH · LIVEWEIGHT

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# Cawdor AORAKI

Carrick x Conrad x Integrity

MATERNAL GRANDSIRE OF AORAKI, BELLS CM CONRAD

$BW Data

| Breeding Details | | | gBW/Rel % |
|---|---|---|---|
| Split | J16 | AI Code J2945 | 405/57 |
| Sire | PUKETAWA KING CARRICK JG | | |
| MGS | BELLS CM CONRAD S2J | | |
| MGGS | OKURA LT INTEGRITY | | |

| Production gBVs | | | | | 0 Daughters |
|---|---|---|---|---|---|
| Milk | 28 l | Protein | 12 / 4.0 | Milkfat | 34 / 5.4 |
| Somatic Cell Count | -0.33 | Cow Calving Diff. | -1.1 / 68 | Heifer Calving Diff. | -1.6 / 51 |
| Gestation Length | -4 days | Body Condition | 0.14 | Functional Survival | 4.4% |
| Fertility | 9.2% | Liveweight | -19 kg | Udder Overall | 0.42 |

| NZ Evaluation Data | | 0 Daughters TOP Inspected |
|---|---|---|
| Management | gBV | -0.5 0 0.5 1.0 |
| Adapts to Milking | 0.25 | |
| Milking Speed | 0.21 | |
| Overall Opinion | 0.31 | |
| Conformation | gBV | -0.5 0 0.5 1.0 |
| Stature | -0.58 | |
| Capacity | 0.42 | |
| Rump Angle | 0.00 | |
| Rump Width | 0.13 | |
| Legs | 0.04 | |
| Udder Support | 0.32 | |
| Front Udder | 0.26 | |
| Rear Udder | 0.49 | |
| Front Teat Placement | 0.14 | |
| Rear Teat Placement | 0.16 | |
| Teat Length | 0.03 | |
| Udder Overall | 0.42 | |
| Dairy Conformation | 0.47 | |

£SCI/£ACI Data

AHDB PRODUCTION DTRS 0 HERDS 0 | DEC 2023 | SOURCE CONV

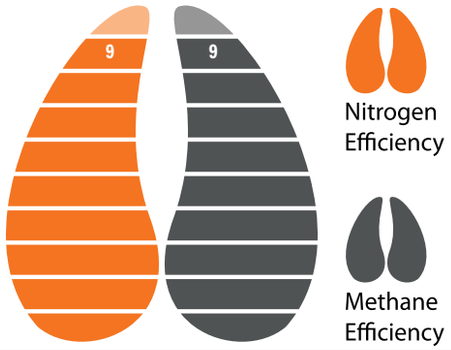
| Milk Kgs | Fat Kgs | Prot Kgs | £SCI rlb | SCI £112 |
|---|---|---|---|---|
| -331 | 9.2 | -0.9 | CONV | |
| Rel% | Fat% | Prot% | £ACI rlb | ACI £97 |
| N/A | 0.49 | 0.22 | CONV | |

| | | | | | |
|---|---|---|---|---|---|
| Fertility Index | N/A | | Lifespan | 49 | Improver |
| Calving Ease | N/A | | Maintenance | N/A | |
| Somatic Cell | 5 | Improver | Calf Survival | N/A | |
| Mastitis | N/A | | Digital Derma | N/A | |

| LIC Initiatives | | |
|---|---|---|
| High Input | VMSI | A2 Protein |
| 1302 | 1271 | A2/A2 |

01/12/2023

HoofPrint®




Hoofprint Data-August 2023

Nitrogen Efficiency

Methane Efficiency

LIC® LIVESTOCK IMPROVEMENT

PRODUCTION · UDDER HEALTH · BREEDING WORTH

Ultraplus

# Glanton Desi BANFF

Desi x Tana x Manhatten

$BW Data

| Breeding Details | | | gBW/Rel % |
|---|---|---|---|
| Split | J16 | AI Code J 2847 | 548/99 |
| Sire | ARRIETA TERRIFIC DESI ET | | |
| MGS | TAWA GROVE KRC TANA | | |
| MGGS | OKURA MANHATTEN ET SJ3 | | |

| Production gBVs | | | | | 3951 Daughters |
|---|---|---|---|---|---|
| Milk | -626 l | Protein | 16 / 4.8 | Milkfat | 51 / 6.8 |
| Somatic Cell Count | -0.30 | Cow Calving Diff. | -1.2 / 98 | Heifer Calving Diff. | -2.2 / 98 |
| Gestation Length | -7.9 days | Body Condition | 0.12 | Functional Survival | 2.9% |
| Fertility | 2.9% | Liveweight | -29 kg | Udder Overall | 0.33 |

| NZ Evaluation Data | | 281 Daughters TOP Inspected |
|---|---|---|
| Management | gBV | -0.5 0 0.5 1.0 |
| Adapts to Milking | 0.41 | |
| Shed Temperament | 0.43 | |
| Milking Speed | -0.03 | |
| Overall Opinion | 0.42 | |
| Conformation | gBV | -0.5 0 0.5 1.0 |
| Stature | -0.89 | |
| Capacity | 0.65 | |
| Rump Angle | -0.48 | |
| Rump Width | 0.43 | |
| Legs | 0.16 | |
| Udder Support | 0.07 | |
| Front Udder | 0.24 | |
| Rear Udder | 0.43 | |
| Front Teat Placement | 0.05 | |
| Rear Teat Placement | -0.56 | |
| Teat Length | -0.01 | |
| Udder Overall | 0.33 | |
| Dairy Conformation | 0.52 | |

£SCI/£ACI Data

AHDB PRODUCTION DTRS 0 HERDS 0 | DEC 2023 | SOURCE ITB

| Milk Kgs | Fat Kgs | Prot Kgs | £SCI rlb | SCI £466 |
|---|---|---|---|---|
| -601 | 15.7 | 0.4 | 53 | |
| Rel% | Fat% | Prot% | £ACI rlb | ACI £385 |
| 52 | 0.93 | 0.47 | 53 | |

| | | | | | |
|---|---|---|---|---|---|
| Fertility Index | 2.6 | Improver | Lifespan | 33 | Improver |
| Calving Ease | N/A | | Maintenance | -49 | Compact |
| Somatic Cell | 8 | Improver | Calf Survival | N/A | |
| Mastitis | 0 | Average | Digital Derma | N/A | |

| LIC Initiatives | | |
|---|---|---|
| High Input | VMSI | A2 Protein |
| 1380 | 1358 | A2/A2 |

01/12/2023

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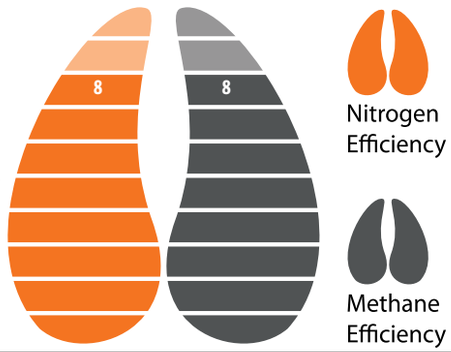


Hoofprint Data-August 2023

Nitrogen Efficiency

Methane Efficiency

LIC® LIVESTOCK IMPROVEMENT

FERTILITY · UDDER HEALTH · LIVEWEIGHT · SURVIVAL

Ultraplus

# Riverview AND DEXTER S2J

Degree x Murmur x Manhattan

$BW Data

| Breeding Details | | | | gBW/Rel % |
|---|---|---|---|---|
| Sire | ARRIETA NN DEGREE ET | | | 416/99 |
| MGS | OKURA LIKA MURMUR S3J | | | |
| MGGS | OKURA MANHATTEN ET SJ3 | | | |
| Split | J16 | AI Code | J 2637 | |

| Production gBVs | | | | | 6687 Daughters |
|---|---|---|---|---|---|
| Milk | -86 l | Protein | 18 / 4.3 | Milkfat | 30 / 5.5 |
| Somatic Cell Count | -0.29 | Cow Calving Diff. | -0.5 / 96 | Heifer Calving Diff. | -1 / 97 |
| Gestation Length | -1.8 days | Body Condition | 0.19 | Functional Survival | 3.0% |
| Fertility | 4.5% | Liveweight | -17 kg | Udder Overall | 0.65 |

| NZ Evaluation Data | 252 Daughters TOP Inspected | | | | |
|---|---|---|---|---|---|
| Management | gBV | -0.5 | 0 | 0.5 | 1.0 |
| Adapts to Milking | 0.02 | | | | |
| Shed Temperament | 0.00 | | | | |
| Milking Speed | 0.24 | | | | |
| Overall Opinion | 0.24 | | | | |
| **Conformation** | **gBV** | **-0.5** | **0** | **0.5** | **1.0** |
| Stature | -0.60 | | | | |
| Capacity | 0.77 | | | | |
| Rump Angle | -0.08 | | | | |
| Rump Width | 0.27 | | | | |
| Legs | -0.01 | | | | |
| Udder Support | 0.42 | | | | |
| Front Udder | 0.67 | | | | |
| Rear Udder | 0.10 | | | | |
| Front Teat Placement | 0.83 | | | | |
| Rear Teat Placement | 0.70 | | | | |
| Teat Length | 0.29 | | | | |
| Udder Overall | 0.65 | | | | |
| Dairy Conformation | 0.65 | | | | |

## £SCI/£ACI Data

AHDB PRODUCTION DTRS 46 HERDS 10 | DEC 2023 | SOURCE COM

| Milk Kgs | Fat Kgs | Prot Kgs | £SCI rlb | SCI £253 |
|---|---|---|---|---|
| -573 | -0.1 | -5.6 | 72 | |
| Rel% | Fat% | Prot% | £ACI rlb | ACI £173 |
| 86 | 0.54 | 0.31 | 72 | |

| | | | | | |
|---|---|---|---|---|---|
| Fertility Index | 2.9 | Improver | Lifespan | 20 | Improver |
| Calving Ease | N/A | | Maintenance | -41 | Compact |
| Somatic Cell | 2 | Improver | Calf Survival | -1.4 | Non-Imp. |
| Mastitis | -1 | Non-Imp. | Digital Derma | N/A | |

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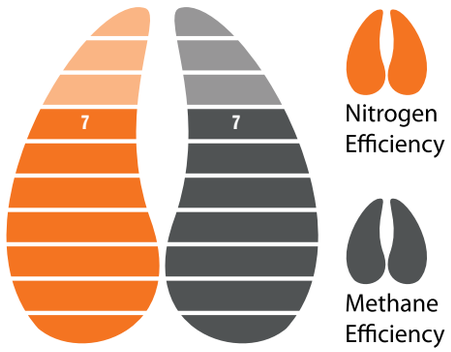


Hoofprint Data-August 2023

| LIC Initiatives | | |
|---|---|---|
| High Input | VMSI | A2 Protein |
| 1318 | 1296 | A2/A2 |

01/12/2023

LIC® LIVESTOCK IMPROVEMENT





SURVIVAL · PRODUCTION · FERTILITY

Ultraplus

# Ulmarra TT GALLIVANT

Thor x Excell x Genius

$BW Data

| Breeding Details | | | | gBW/Rel % |
|---|---|---|---|---|
| Sire | THORNWOOD OLM THOR | | | 401/98 |
| MGS | MARSDEN NN EXCELL ET | | | |
| MGGS | GLENHAVEN TGM GENIUS S3J | | | |
| Split | J16 | AI Code | J 2773 | |

| Production gBVs | | | | | 2881 Daughters |
|---|---|---|---|---|---|
| Milk | -259 l | Protein | 13 / 4.3 | Milkfat | 41 / 6.0 |
| Somatic Cell Count | -0.09 | Cow Calving Diff. | -0.7 / 97 | Heifer Calving Diff. | -2.2 / 98 |
| Gestation Length | -0.5 days | Body Condition | 0.08 | Functional Survival | 3.0% |
| Fertility | 4.7% | Liveweight | -5 kg | Udder Overall | 0.68 |

| NZ Evaluation Data | 238 Daughters TOP Inspected | | | | |
|---|---|---|---|---|---|
| Management | gBV | -0.5 | 0 | 0.5 | 1.0 |
| Adapts to Milking | 0.51 | | | | |
| Shed Temperament | 0.53 | | | | |
| Milking Speed | 0.04 | | | | |
| Overall Opinion | 0.55 | | | | |
| **Conformation** | **gBV** | **-0.5** | **0** | **0.5** | **1.0** |
| Stature | -0.36 | | | | |
| Capacity | 0.69 | | | | |
| Rump Angle | -0.15 | | | | |
| Rump Width | -0.05 | | | | |
| Legs | 0.07 | | | | |
| Udder Support | 0.41 | | | | |
| Front Udder | 0.71 | | | | |
| Rear Udder | 0.88 | | | | |
| Front Teat Placement | 0.08 | | | | |
| Rear Teat Placement | -0.04 | | | | |
| Teat Length | 0.31 | | | | |
| Udder Overall | 0.68 | | | | |
| Dairy Conformation | 0.74 | | | | |

## £SCI/£ACI Data

AHDB PRODUCTION DTRS 0 HERDS 0 | DEC 2023 | SOURCE ITB

| Milk Kgs | Fat Kgs | Prot Kgs | £SCI rlb | SCI £387 |
|---|---|---|---|---|
| -448 | 12.3 | -0.1 | 50 | |
| Rel% | Fat% | Prot% | £ACI rlb | ACI £337 |
| 52 | 0.68 | 0.33 | 50 | |

| | | | | | |
|---|---|---|---|---|---|
| Fertility Index | 5.2 | Improver | Lifespan | 54 | Improver |
| Calving Ease | N/A | | Maintenance | -39 | Compact |
| Somatic Cell | 10 | Improver | Calf Survival | 0.8 | Improver |
| Mastitis | 0 | Average | Digital Derma | N/A | |

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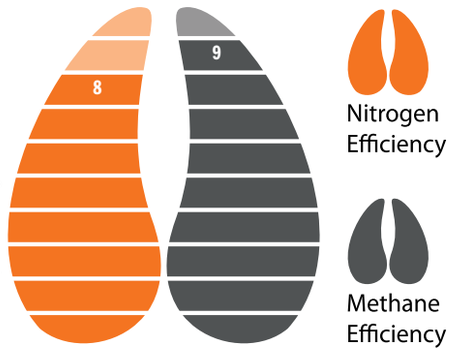


Hoofprint Data-August 2023

| LIC Initiatives | | |
|---|---|---|
| High Input | VMSI | A2 Protein |
| 1325 | 1291 | A1/A2 |

01/12/2023

LIC® LIVESTOCK IMPROVEMENT


Ultraplus

# Glenui Super LAMAR

Superstition x Goldie x Integrity

$BW Data

| Breeding Details | | | | gBW/Rel % |
|---|---|---|---|---|
| Spit | J16 | AI Code | J 2846 | 452/98 |
| Sire | PUKETAWA AD SUPERSTITION | | | |
| MGS | PUHIPUHI CAPS GOLDIE S3J | | | |
| MGGS | OKURA LT INTEGRITY | | | |

| Production gBVs | | | | | 1849 Daughters |
|---|---|---|---|---|---|
| Milk | -101 l | Protein | 9 / 4.1 | Milkfat | 49 / 5.9 |
| Somatic Cell Count | -0.50 | Cow Calving Diff. | -0.7 / 97 | Heifer Calving Diff. | -1.1 / 97 |
| Gestation Length | -2.7 days | Body Condition | -0.04 | Functional Survival | 3.2% |
| Fertility | 2.2% | Liveweight | -46 kg | Udder Overall | 0.78 |

| NZ Evaluation Data | | 159 Daughters TOP Inspected | | | |
|---|---|---|---|---|---|
| Management | gBV | -0.5 | 0 | 0.5 | 1.0 |
| Adapts to Milking | 0.26 | | | | |
| Shed Temperament | 0.26 | | | | |
| Milking Speed | 0.22 | | | | |
| Overall Opinion | 0.31 | | | | |
| **Conformation** | **gBV** | **-0.5** | **0** | **0.5** | **1.0** |
| Stature | -0.77 | | | | |
| Capacity | 0.46 | | | | |
| Rump Angle | -0.56 | | | | |
| Rump Width | 0.62 | | | | |
| Legs | 0.17 | | | | |
| Udder Support | 0.60 | | | | |
| Front Udder | 0.52 | | | | |
| Rear Udder | 0.85 | | | | |
| Front Teat Placement | 0.35 | | | | |
| Rear Teat Placement | 0.50 | | | | |
| Teat Length | -0.62 | | | | |
| Udder Overall | 0.78 | | | | |
| Dairy Conformation | 0.48 | | | | |

## £SCI/£ACI Data

AHDB PRODUCTION DTRS 0 HERDS 0 | DEC 2023 | SOURCE ITB

| Milk Kgs | Fat Kgs | Prot Kgs | £SCI rlb | SCI £383 |
|---|---|---|---|---|
| -428 | 14.5 | -2.4 | 53 | |
| Rel% | Fat% | Prot% | £ACI rlb | ACI £324 |
| 54 | 0.71 | 0.26 | 53 | |

| | | | | | |
|---|---|---|---|---|---|
| Fertility Index | 1.8 | Improver | Lifespan | 60 | Improver |
| Calving Ease | N/A | | Maintenance | -50 | Compact |
| Somatic Cell | -1 | Non-Imp. | Calf Survival | N/A | |
| Mastitis | -1 | Non-Imp. | Digital Derma | N/A | |

| LIC Initiatives | | |
|---|---|---|
| High Input | VMSI | A2 Protein |
| 1354 | 1339 | A2/A2 |

01/12/2023

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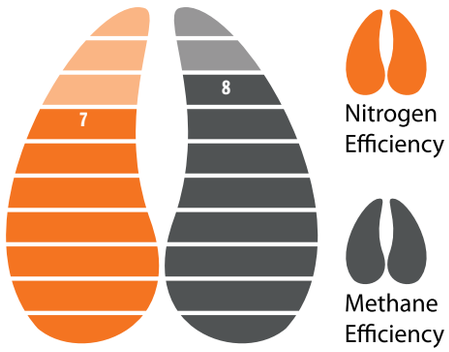


Hoofprint Data-August 2023

LIC® LIVESTOCK IMPROVEMENT



NEW ZEALAND JERSEY


Ultraplus

# Paspalum OI LIMELIGHT

Integrity x Genius x Manhatten

$BW Data

| Breeding Details | | | | gBW/Rel % |
|---|---|---|---|---|
| Spit | J16 | AI Code | J 2797 | 398/89 |
| Sire | OKURA LT INTEGRITY | | | |
| MGS | GLENHAVEN TGM GENIUS S3J | | | |
| MGGS | OKURA MANHATTEN ET SJ3 | | | |

| Production gBVs | | | | | 117 Daughters |
|---|---|---|---|---|---|
| Milk | -341 l | Protein | 9 / 4.3 | Milkfat | 28 / 5.8 |
| Somatic Cell Count | 0.06 | Cow Calving Diff. | -1.6 / 90 | Heifer Calving Diff. | -2.1 / 90 |
| Gestation Length | 1 days | Body Condition | 0.04 | Functional Survival | 1.6% |
| Fertility | 3.6% | Liveweight | -71 kg | Udder Overall | 0.97 |

| NZ Evaluation Data | | 79 Daughters TOP Inspected | | | |
|---|---|---|---|---|---|
| Management | gBV | -0.5 | 0 | 0.5 | 1.0 |
| Adapts to Milking | 0.59 | | | | |
| Shed Temperament | 0.61 | | | | |
| Milking Speed | 0.21 | | | | |
| Overall Opinion | 0.62 | | | | |
| **Conformation** | **gBV** | **-0.5** | **0** | **0.5** | **1.0** |
| Stature | -1.03 | | | | |
| Capacity | 0.40 | | | | |
| Rump Angle | -0.20 | | | | |
| Rump Width | -0.02 | | | | |
| Legs | 0.07 | | | | |
| Udder Support | 0.82 | | | | |
| Front Udder | 0.69 | | | | |
| Rear Udder | 1.02 | | | | |
| Front Teat Placement | 0.34 | | | | |
| Rear Teat Placement | 0.51 | | | | |
| Teat Length | -0.77 | | | | |
| Udder Overall | 0.97 | | | | |
| Dairy Conformation | 0.47 | | | | |

## £SCI/£ACI Data

AHDB PRODUCTION DTRS 0 HERDS 0 | DEC 2023 | SOURCE ITB

| Milk Kgs | Fat Kgs | Prot Kgs | £SCI rlb | SCI £407 |
|---|---|---|---|---|
| -477 | 10.1 | -0.1 | 51 | |
| Rel% | Fat% | Prot% | £ACI rlb | ACI £320 |
| 53 | 0.67 | 0.35 | 51 | |

| | | | | | |
|---|---|---|---|---|---|
| Fertility Index | 4.3 | Improver | Lifespan | 0 | Average |
| Calving Ease | N/A | | Maintenance | -55 | Compact |
| Somatic Cell | 15 | Improver | Calf Survival | N/A | |
| Mastitis | 1 | Improver | Digital Derma | N/A | |

| LIC Initiatives | | |
|---|---|---|
| High Input | VMSI | A2 Protein |
| 1325 | 1293 | A1/A2 |

01/12/2023

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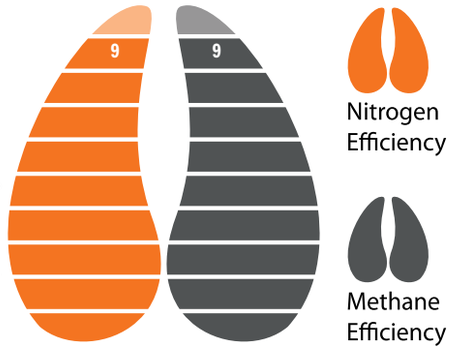



Hoofprint Data-August 2023

LIC® LIVESTOCK IMPROVEMENT


Ultraplus

# Okura Pepper LUCCA

Pepper x Integrity x Manhattan

DAM OF LUCCA, OKURA OLI LILAC

$BW Data

| Breeding Details | | | | gBW/Rel % |
|---|---|---|---|---|
| Split | J16 | AI Code | J2944 | 511/89 |
| Sire | ROMA DEGREE PEPPER | | | |
| MGS | OKURA LT INTEGRITY | | | |
| MGGS | OKURA MANHATTAN ET SJ3 | | | |

| Production gBVs | | | | | 90 Daughters |
|---|---|---|---|---|---|
| Milk | -6 l | Protein | 19 / 4.2 | Milkfat | 58 / 6.0 |
| Somatic Cell Count | -0.20 | Cow Calving Diff. | -1.0 / 87 | Heifer Calving Diff. | -1.6 / 82 |
| Gestation Length | 4.4 days | Body Condition | 0.05 | Functional Survival | 2.8% |
| Fertility | 1.9% | Liveweight | -32 kg | Udder Overall | 0.46 |

| NZ Evaluation Data | | | | | 83 Daughters TOP Inspected |
|---|---|---|---|---|---|
| Management | gBV | -0.5 | 0 | 0.5 | 1.0 |
| Adapts to Milking | 0.75 | | | | |
| Shed Temperament | 0.77 | | | | |
| Milking Speed | 0.25 | | | | |
| Overall Opinion | 0.68 | | | | |
| **Conformation** | **gBV** | **-0.5** | **0** | **0.5** | **1.0** |
| Stature | -0.58 | | | | |
| Capacity | 0.68 | | | | |
| Rump Angle | -0.15 | | | | |
| Rump Width | 0.26 | | | | |
| Legs | 0.18 | | | | |
| Udder Support | 0.24 | | | | |
| Front Udder | 0.39 | | | | |
| Rear Udder | 0.57 | | | | |
| Front Teat Placement | 0.07 | | | | |
| Rear Teat Placement | -0.26 | | | | |
| Teat Length | -0.01 | | | | |
| Udder Overall | 0.46 | | | | |
| Dairy Conformation | 0.62 | | | | |

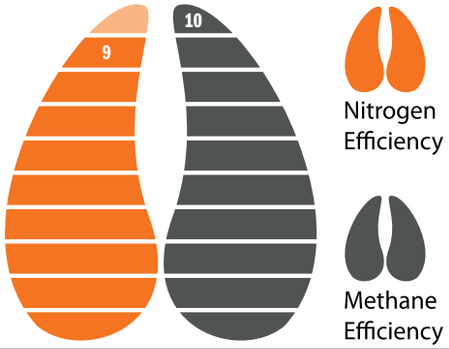
## £SCI/£ACI Data

AHDB PRODUCTION DTRS 0 HERDS 0 | DEC 2023 | SOURCE ITB

| Milk Kgs | Fat Kgs | Prot Kgs | £SCI rlb | SCI £410 |
|---|---|---|---|---|
| -331 | 19.8 | 3.6 | 46 | |
| Rel% | Fat% | Prot% | £ACI rlb | ACI £363 |
| 48 | 0.72 | 0.32 | 46 | |

| | | | | | |
|---|---|---|---|---|---|
| Fertility Index | 3.5 | Improver | Lifespan | 45 | Improver |
| Calving Ease | N/A | | Maintenance | -36 | Compact |
| Somatic Cell | 8 | Improver | Calf Survival | N/A | |
| Mastitis | 0 | Average | Digital Derma | N/A | |

HoofPrint®




Nitrogen Efficiency

Methane Efficiency

Hoofprint Data-August 2023

| LIC Initiatives | | |
|---|---|---|
| High Input | VMSI | A2 Protein |
| 1391 | 1371 | A1/A2 |

01/12/2023

LIC® LIVESTOCK IMPROVEMENT






Ultraplus

# Thornwood Degree TRIGGER

Degree x Manzello x Stanza

$BW Data

| Breeding Details | | | | gBW/Rel % |
|---|---|---|---|---|
| Split | J16 | AI Code | J 2844 | 398/99 |
| Sire | ARRIETA NN DEGREE ET | | | |
| MGS | PUKEROA TGM MANZELLO | | | |
| MGGS | CRESCENT GSF STANZA ET | | | |

| Production gBVs | | | | | 4774 Daughters |
|---|---|---|---|---|---|
| Milk | -233 l | Protein | 13 / 4.3 | Milkfat | 34 / 5.8 |
| Somatic Cell Count | -0.13 | Cow Calving Diff. | -1.3 / 97 | Heifer Calving Diff. | -2.7 / 96 |
| Gestation Length | -4.3 days | Body Condition | 0.11 | Functional Survival | 2.7% |
| Fertility | 1.6% | Liveweight | -24 kg | Udder Overall | 1.09 |

| NZ Evaluation Data | | | | | 497 Daughters TOP Inspected |
|---|---|---|---|---|---|
| Management | gBV | -0.5 | 0 | 0.5 | 1.0 |
| Adapts to Milking | -0.24 | | | | |
| Shed Temperament | -0.26 | | | | |
| Milking Speed | 0.12 | | | | |
| Overall Opinion | 0.00 | | | | |
| **Conformation** | **gBV** | **-0.5** | **0** | **0.5** | **1.0** |
| Stature | -0.78 | | | | |
| Capacity | 0.66 | | | | |
| Rump Angle | -0.82 | | | | |
| Rump Width | -0.12 | | | | |
| Legs | 0.09 | | | | |
| Udder Support | 0.78 | | | | |
| Front Udder | 0.99 | | | | |
| Rear Udder | 1.06 | | | | |
| Front Teat Placement | 0.43 | | | | |
| Rear Teat Placement | 0.32 | | | | |
| Teat Length | -0.69 | | | | |
| Udder Overall | 1.09 | | | | |
| Dairy Conformation | 0.69 | | | | |

## £SCI/£ACI Data

AHDB PRODUCTION DTRS 0 HERDS 0 | DEC 2023 | SOURCE ITB

| Milk Kgs | Fat Kgs | Prot Kgs | £SCI rlb | SCI £380 |
|---|---|---|---|---|
| -417 | 11.6 | 0.4 | 54 | |
| Rel% | Fat% | Prot% | £ACI rlb | ACI £318 |
| 55 | 0.63 | 0.32 | 54 | |

| | | | | | |
|---|---|---|---|---|---|
| Fertility Index | 2.3 | Improver | Lifespan | 42 | Improver |
| Calving Ease | N/A | | Maintenance | -47 | Compact |
| Somatic Cell | 7 | Improver | Calf Survival | N/A | |
| Mastitis | 0 | Average | Digital Derma | N/A | |

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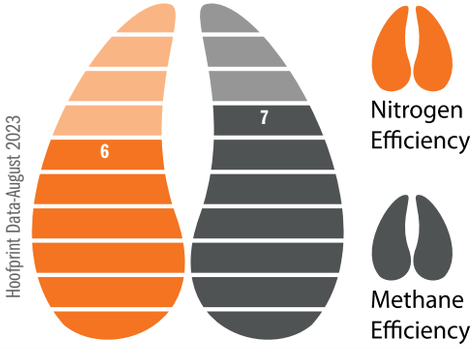



Nitrogen Efficiency

Methane Efficiency

Hoofprint Data-August 2023

| LIC Initiatives | | |
|---|---|---|
| High Input | VMSI | A2 Protein |
| 1334 | 1304 | A2/A2 |

01/12/2023

LIC® LIVESTOCK IMPROVEMENT

NEW ZEALAND JERSEY

# Heuven Super WISEGUY

Superstition x Terrific x Doddy

$BW Data

| Breeding Details | | | | gBW/Rel % |
|---|---|---|---|---|
| Split | J16 | AI Code | J 2798 | 359/96 |
| Sire | PUKETAWA AD SUPERSTITION | | | |
| MGS | LYNBROOK TERRIFIC ET S3J | | | |
| MGGS | MAGHERACANON DODDY GR | | | |

| Production gBVs | | | | | 773 Daughters |
|---|---|---|---|---|---|
| Milk | -245 l | Protein | 18 / 4.4 | Milkfat | 34 / 5.8 |
| Somatic Cell Count | 0.31 | Cow Calving Diff. | -0.6 / 82 | Heifer Calving Diff. | -3.3 / 66 |
| Gestation Length | -6.3 days | Body Condition | -0.05 | Functional Survival | 0.3% |
| Fertility | 2.0% | Liveweight | -33 kg | Udder Overall | -0.01 |

| NZ Evaluation Data | | | | | 104 Daughters TOP Inspected |
|---|---|---|---|---|---|
| Management | gBV | -0.5 | 0 | 0.5 | 1.0 |
| Adapts to Milking | 0.39 | | | | |
| Shed Temperament | 0.39 | | | | |
| Milking Speed | 0.27 | | | | |
| Overall Opinion | 0.40 | | | | |
| **Conformation** | **gBV** | **-0.5** | **0** | **0.5** | **1.0** |
| Stature | -0.70 | | | | |
| Capacity | 0.29 | | | | |
| Rump Angle | -0.25 | | | | |
| Rump Width | -0.10 | | | | |
| Legs | 0.07 | | | | |
| Udder Support | -0.05 | | | | |
| Front Udder | -0.13 | | | | |
| Rear Udder | 0.23 | | | | |
| Front Teat Placement | -0.18 | | | | |
| Rear Teat Placement | -0.27 | | | | |
| Teat Length | -0.12 | | | | |
| Udder Overall | -0 | | | | |
| Dairy Conformation | 0.27 | | | | |

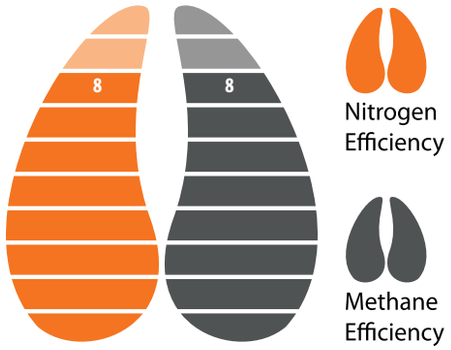
## £SCI/£ACI Data

AHDB PRODUCTION DTRS 0 HERDS 0 | DEC 2023 | SOURCE ITB

| Milk Kgs | Fat Kgs | Prot Kgs | £SCI rlb | SCI £358 |
|---|---|---|---|---|
| -477 | 9 | 0.7 | 51 | |
| Rel% | Fat% | Prot% | £ACI rlb | ACI £283 |
| 53 | 0.64 | 0.37 | 51 | |

| | | | | | |
|---|---|---|---|---|---|
| Fertility Index | 2.8 | Improver | Lifespan | 20 | Improver |
| Calving Ease | N/A | | Maintenance | -48 | Compact |
| Somatic Cell | 19 | Improver | Calf Survival | -0.6 | Non-Imp. |
| Mastitis | 2 | Improver | Digital Derma | N/A | |

HoofPrint®




| LIC Initiatives | | |
|---|---|---|
| High Input | VMSI | A2 Protein |
| 1258 | 1249 | A2/A2 |

01/12/2023

LIC® LIVESTOCK IMPROVEMENT



# Arkan BT ZAMBEZI

Triplestar x Capstan x Fjord

$BW Data

| Breeding Details | | | | gBW/Rel % |
|---|---|---|---|---|
| Split | J16 | AI Code | J 2923 | 401/95 |
| Sire | BRAEDENE PAS TRIPLESTAR | | | |
| MGS | SOUTH LAND CAPSTAN SJ3 | | | |
| MGGS | VAN DER FITS FJORD | | | |

| Production gBVs | | | | | 555 Daughters |
|---|---|---|---|---|---|
| Milk | -259 l | Protein | 17 / 4.4 | Milkfat | 29 / 5.7 |
| Somatic Cell Count | 0.15 | Cow Calving Diff. | -2.3 / 91 | Heifer Calving Diff. | -1.2 / 93 |
| Gestation Length | -1.5 days | Body Condition | -0.02 | Functional Survival | -1.7% |
| Fertility | 5.0% | Liveweight | -59 kg | Udder Overall | 0.09 |

| NZ Evaluation Data | | | | | 104 Daughters TOP Inspected |
|---|---|---|---|---|---|
| Management | gBV | -0.5 | 0 | 0.5 | 1.0 |
| Adapts to Milking | 0.03 | | | | |
| Shed Temperament | 0.01 | | | | |
| Milking Speed | 0.25 | | | | |
| Overall Opinion | 0.16 | | | | |
| **Conformation** | **gBV** | **-0.5** | **0** | **0.5** | **1.0** |
| Stature | -1.12 | | | | |
| Capacity | 0.41 | | | | |
| Rump Angle | -0.38 | | | | |
| Rump Width | 0.37 | | | | |
| Legs | 0.41 | | | | |
| Udder Support | -0.22 | | | | |
| Front Udder | 0.07 | | | | |
| Rear Udder | 0.26 | | | | |
| Front Teat Placement | 0.13 | | | | |
| Rear Teat Placement | -0.28 | | | | |
| Teat Length | 0.45 | | | | |
| Udder Overall | 0.09 | | | | |
| Dairy Conformation | 0.28 | | | | |

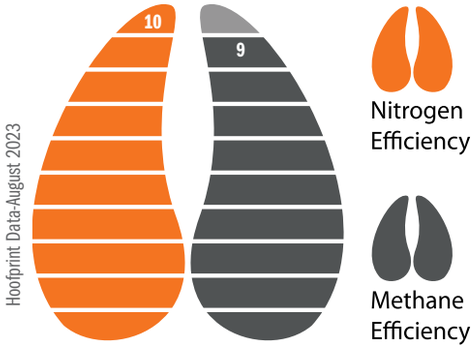
## £SCI/£ACI Data

AHDB PRODUCTION DTRS 0 HERDS 0 | DEC 2023 | SOURCE ITB

| Milk Kgs | Fat Kgs | Prot Kgs | £SCI rlb | SCI £450 |
|---|---|---|---|---|
| -485 | 7.1 | 0.2 | 70 | |
| Rel% | Fat% | Prot% | £ACI rlb | ACI £354 |
| 68 | 0.61 | 0.37 | 70 | |

| | | | | | |
|---|---|---|---|---|---|
| Fertility Index | 4.4 | Improver | Lifespan | 21 | Improver |
| Calving Ease | N/A | | Maintenance | -62 | Compact |
| Somatic Cell | 14 | Improver | Calf Survival | N/A | |
| Mastitis | 1 | Improver | Digital Derma | N/A | |

HoofPrint®




| LIC Initiatives | | |
|---|---|---|
| High Input | VMSI | A2 Protein |
| 1273 | 1252 | A2/A2 |

01/12/2023

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# Ultraplus™ Male


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## JERSEY

PRODUCTION · FERTILITY · LIVEWEIGHT · Ultraplus HighPurity

# Rivermead Casino Addiction

Casino x Branson x Karamel Krunch


HBN: JEGBRM361664304052 AI Code: J2838
Dam: Sunnydawn Branson Selina EX92(3)
G Dam: Sunnydawn Krunch Narina EX94(6)
3rd Dam: Sunnydawn Iatola Karina EX92

Haplotypes: TL TY TN TV TD TC

AHDB PRODUCTION DTRS 0 HERDS 0 | December 2023 | SOURCE GBR

| Milk Kgs | Fat Kgs | Prot Kgs | £SCI rlb | SCI £339 |
|---|---|---|---|---|
| -116 | 12.6 | 3.7 | 59 | |
| Rel% | Fat% | Prot% | £ACI rlb | ACI £310 |
| 60 | 0.36 | 0.16 | 59 | |

| | | | |
|---|---|---|---|
| UK Type Merit | 1.70 | Excellent |
| UK Udder Comp | 2.00 | Excellent |
| UK Feet and Legs | 0.80 | Excellent |
| Stature | 1.50 | Tall |
| Chest Width | -0.10 | Narrow |
| Body Depth | -0.10 | Shallow |
| Angularity | 1.20 | Open Rib |
| Rump Angle | 0.20 | Low Pins |
| Rump Width | 0.60 | Wide |
| Rear Leg Side | 0.40 | Sickle |
| Foot Angle | 0.50 | Steep |
| F.Udder Attach | 1.60 | Tight |
| R. Udder Height | 1.10 | High |
| Udder Support | 2.30 | Strong |
| Udder Depth | 1.50 | Shallow |
| F.Teat Placement | 2.10 | Close |
| Teat Length | -1.20 | Short |
| R.Teat Placement | N/A | |
| Teat Pos Side | N/A | |
| Temperament | N/A | |
| Locomotion | 0.40 | Excellent |
| Condition Score | N/A | |

TYPE62%R | TYPE DTRS 0 HERDS 0 | December 2023 | SOURCE GBR

| | | | | | |
|---|---|---|---|---|---|
| Fertility Index | 3.0 | Improver | Lifespan | 99 | Improver |
| Calving Ease | N/A | | Maintenance | -48 | Smaller |
| Somatic Cell | 9 | Non-Imp. | Calf Survival | N/A | |
| Mastitis | -1 | Improver | Digital Derma | N/A | |
| Milking Speed | N/A | | Milk Proteins | BB-A2A2 | |

Production and fitness data supplied by AHDB.

## HOLSTEIN FRIESIAN

SCI/ACI · PRODUCTION · FERTILITY · Ultra plus

# STGEN Betterment

Altazarek x Achiever x Jedi


HBN: HO840M003143701534 AI Code: HO6590
Dam: Winstar Achiever 4625 G79
G Dam: Seagull-Bay Jedi 947
3rd Dam: EDG Jewlen Jerod 57822

Haplotypes: TL TY TN TV TD TC

AHDB PRODUCTION DTRS 0 HERDS 0 | December 2023 | SOURCE GBR

| Milk Kgs | Fat Kgs | Prot Kgs | £SCI rlb | SCI £487 |
|---|---|---|---|---|
| 904 | 39.1 | 31.7 | 68 | |
| Rel% | Fat% | Prot% | £ACI rlb | ACI £608 |
| 74 | 0.01 | 0.02 | 68 | |

| | | | |
|---|---|---|---|
| UK Type Merit | 0.41 | Excellent |
| UK Udder Comp | 1.06 | Excellent |
| UK Feet and Legs | 0.21 | Excellent |
| Stature | -0.83 | Short |
| Chest Width | -0.52 | Narrow |
| Body Depth | -1.79 | Shallow |
| Angularity | -0.66 | Coarse |
| Rump Angle | 0.53 | Low Pins |
| Rump Width | -1.80 | Narrow |
| Rear Leg Side | 0.16 | Sickle |
| Foot Angle | -0.65 | Low |
| F.Udder Attach | 1.13 | Tight |
| R. Udder Height | 0.29 | High |
| Udder Support | -0.19 | Weak |
| Udder Depth | 1.16 | Shallow |
| F.Teat Placement | 0.29 | Close |
| Teat Length | 0.02 | Long |
| R.Teat Placement | 0.36 | Close |
| Teat Pos Side | 0.47 | Apart |
| Temperament | 0.00 | Average |
| Locomotion | 0.22 | Excellent |
| Condition Score | 0.37 | High |

TYPE58%R | TYPE DTRS 0 HERDS 0 | December 2023 | SOURCE GBR

| | | | | | |
|---|---|---|---|---|---|
| Fertility Index | 5.1 | Improver | Lifespan | 97 | Improver |
| Calving Ease | -0.1 | Harder | Maintenance | 9 | Larger |
| Somatic Cell | -20 | Improver | Calf Survival | -0.6 | Non-Imp. |
| Mastitis | -2 | Improver | Digital Derma | 0.1 | Improver |
| Milking Speed | 0.34 | Faster | Milk Proteins | BB-A1A2 | |



## JERSEY

SCI/ACI · PRODUCTION · LIVEWEIGHT · Ultraplus HighPurity

# Tog Casselton 39774

Gislev x Cheddar x Altablitz


HBN: JE840M003217483459 AI Code: J2881
Dam: Tog Kilmaine 37985
G Dam: Tog Keira 35176
3rd Dam: Tog Flash R381 7702

Haplotypes: TL TY TN TV TD TC

AHDB PRODUCTION DTRS 0 HERDS 0 | December 2023 | SOURCE GBR

| Milk Kgs | Fat Kgs | Prot Kgs | £SCI rlb | SCI £429 |
|---|---|---|---|---|
| 45 | 19.5 | 10.4 | 58 | |
| Rel% | Fat% | Prot% | £ACI rlb | ACI £415 |
| 60 | 0.35 | 0.17 | 58 | |

| | | | |
|---|---|---|---|
| UK Type Merit | 0.00 | Average |
| UK Udder Comp | 0.60 | Excellent |
| UK Feet and Legs | -0.10 | Poor |
| Stature | 0.40 | Tall |
| Chest Width | -0.40 | Narrow |
| Body Depth | -0.30 | Shallow |
| Angularity | 1.50 | Open Rib |
| Rump Angle | 1.10 | Low Pins |
| Rump Width | -0.40 | Narrow |
| Rear Leg Side | -0.20 | Steep |
| Foot Angle | 0.00 | Average |
| F.Udder Attach | 0.00 | Average |
| R. Udder Height | 1.60 | High |
| Udder Support | -0.40 | Weak |
| Udder Depth | 0.20 | Shallow |
| F.Teat Placement | -0.30 | Apart |
| Teat Length | -1.40 | Short |
| R.Teat Placement | N/A | |
| Teat Pos Side | N/A | |
| Temperament | N/A | |
| Locomotion | -0.30 | Poor |
| Condition Score | N/A | |

TYPE62%R | TYPE DTRS 0 HERDS 0 | December 2023 | SOURCE GBR

| | | | | | |
|---|---|---|---|---|---|
| Fertility Index | 1.0 | Improver | Lifespan | 96 | Improver |
| Calving Ease | N/A | | Maintenance | -59 | Smaller |
| Somatic Cell | -2 | Improver | Calf Survival | N/A | |
| Mastitis | N/A | | Digital Derma | N/A | |
| Milking Speed | N/A | | Milk Proteins | BB-A2A2 | |

Production and fitness data supplied by AHDB.

## HOLSTEIN FRIESIAN

SCI/ACI · PRODUCTION · UDDER HEALTH · Ultraplus

# Koepon Charmer

Zazzle x Zarek x Cayenne


HBN: HONLDM000577620902 AI Code: HO7202
Dam: Koepon Zaerk Cherry 11
G Dam: Koepon Cay Cherry 4 VG86
3rd Dam: Koepon Cherry VG86

Haplotypes: TL TY TN TV TD TC

AHDB PRODUCTION DTRS 0 HERDS 0 | December 2023 | SOURCE GBR

| Milk Kgs | Fat Kgs | Prot Kgs | £SCI rlb | SCI £521 |
|---|---|---|---|---|
| 807 | 48.6 | 30.8 | 67 | |
| Rel% | Fat% | Prot% | £ACI rlb | ACI £651 |
| 73 | 0.25 | 0.06 | 67 | |

| | | | |
|---|---|---|---|
| UK Type Merit | 1.15 | Excellent |
| UK Udder Comp | 1.85 | Excellent |
| UK Feet and Legs | 0.66 | Excellent |
| Stature | -0.05 | Short |
| Chest Width | -0.77 | Narrow |
| Body Depth | -2.20 | Shallow |
| Angularity | -0.21 | Coarse |
| Rump Angle | 0.89 | Low Pins |
| Rump Width | -0.34 | Narrow |
| Rear Leg Side | -0.22 | Steep |
| Foot Angle | 0.32 | Steep |
| F.Udder Attach | 2.53 | Tight |
| R. Udder Height | 1.27 | High |
| Udder Support | -0.80 | Weak |
| Udder Depth | 2.14 | Shallow |
| F.Teat Placement | -0.47 | Apart |
| Teat Length | -0.96 | Short |
| R.Teat Placement | -0.67 | Apart |
| Teat Pos Side | -0.64 | Close |
| Temperament | 0.19 | Docile |
| Locomotion | 0.57 | Excellent |
| Condition Score | -0.44 | Low |

TYPE55%R | TYPE DTRS 0 HERDS 0 | December 2023 | SOURCE GBR

| | | | | | |
|---|---|---|---|---|---|
| Fertility Index | 2.9 | Improver | Lifespan | 121 | Improver |
| Calving Ease | -0.1 | Harder | Maintenance | 14 | Larger |
| Somatic Cell | -13 | Improver | Calf Survival | 0.9 | Improver |
| Mastitis | -1 | Improver | Digital Derma | 0.0 | Average |
| Milking Speed | 0.94 | Faster | Milk Proteins | AB-A2A2 | |

## BRITISH FRIESIAN

SCI/ACI · LIVEWEIGHT · FERTILITY · Ultraplus HighPurity

# Walwyn Garfield Red

Patriot Red x Chad x Pinnacle

HBN: BFGBRM746602704086 AI Code: BF1265
Dam: Walwyn Chad Crystal 2 BFE90
G Dam: Walwyn Pinnacle Crystal 2 BFV86
3rd Dam: Walwyn Sochar Crystal BFE91(2)

Haplotypes: TL TY TN TV TD TC RDH

PRODUCTION DTRS 0 HERDS 0 | December 2023 | SOURCE GBR

| Milk Kgs | Fat Kgs | Prot Kgs | £SCI rlb | SCI £328 |
|---|---|---|---|---|
| -199 | -0.4 | -1 | 64 | |
| Rel% | Fat% | Prot% | £ACI rlb | ACI £326 |
| 67 | 0.17 | 0.12 | 64 | |

| | | |
|---|---|---|
| UK Type Merit | 1.44 | Excellent |
| UK Udder Comp | 1.29 | Excellent |
| UK Feet and Legs | 1.30 | Excellent |
| Stature | 0.76 | Tall |
| Chest Width | -0.66 | Narrow |
| Body Depth | 0.21 | Deep |
| Angularity | 1.20 | Open Rib |
| Rump Angle | -0.54 | High Pins |
| Rump Width | 0.73 | Wide |
| Rear Leg Side | 0.61 | Sickle |
| Foot Angle | -0.34 | Low |
| F.Udder Attach | 0.77 | Tight |
| R. Udder Height | 1.47 | High |
| Udder Support | 0.95 | Strong |
| Udder Depth | 0.90 | Shallow |
| F.Teat Placement | 0.59 | Close |
| Teat Length | 0.39 | Long |
| R.Teat Placement | 0.85 | Close |
| Teat Pos Side | 0.87 | Apart |
| Temperament | 0.20 | Docile |
| Locomotion | 1.48 | Excellent |
| Condition Score | -1.06 | Low |

TYPE54%R | TYPE DTRS 0 HERDS 0 | December 2023 | SOURCE GBR

| | | | | | |
|---|---|---|---|---|---|
| Fertility Index | 8.2 | Improver | Lifespan | 103 | Improver |
| Calving Ease | 0.9 | Easier | Maintenance | -9 | Smaller |
| Somatic Cell | -4 | Improver | Calf Survival | 1.6 | Improver |
| Mastitis | -1 | Improver | Digital Derma | 0.4 | Improver |
| Milking Speed | 0.33 | Faster | Milk Proteins | AB-A1A1 | |

Production and fitness data supplied by AHDB.

## HOLSTEIN FRIESIAN

SCI/ACI · PRODUCTION · FERTILITY · Ultraplus HighPurity

# SJK Helium

Topstone x Blowtorch x Delta

HBN: HONLDM000642467753 AI Code: HO6670
Dam: Future Dream H Primeval 1372 VG86
G Dam: A-L-H Helios VG86
3rd Dam: Cookiecutter Ssire Have VG86

Haplotypes: TL TY TN TV TD TC

PRODUCTION DTRS 0 HERDS 0 | December 2023 | SOURCE GBR

| Milk Kgs | Fat Kgs | Prot Kgs | £SCI rlb | SCI £503 |
|---|---|---|---|---|
| 867 | 37.4 | 32.3 | 67 | |
| Rel% | Fat% | Prot% | £ACI rlb | ACI £637 |
| 73 | 0.01 | 0.05 | 67 | |

| | | |
|---|---|---|
| UK Type Merit | 1.37 | Excellent |
| UK Udder Comp | 0.84 | Excellent |
| UK Feet and Legs | 1.33 | Excellent |
| Stature | -0.29 | Short |
| Chest Width | 0.70 | Wide |
| Body Depth | 0.10 | Deep |
| Angularity | 0.66 | Open Rib |
| Rump Angle | -0.03 | High Pins |
| Rump Width | -0.08 | Narrow |
| Rear Leg Side | 0.23 | Sickle |
| Foot Angle | 0.19 | Steep |
| F.Udder Attach | 0.40 | Tight |
| R. Udder Height | 0.33 | High |
| Udder Support | 0.63 | Strong |
| Udder Depth | 0.08 | Shallow |
| F.Teat Placement | 0.52 | Close |
| Teat Length | -0.24 | Short |
| R.Teat Placement | 0.39 | Close |
| Teat Pos Side | 0.67 | Apart |
| Temperament | 0.08 | Docile |
| Locomotion | 1.65 | Excellent |
| Condition Score | 0.81 | High |

TYPE55%R | TYPE DTRS 0 HERDS 0 | December 2023 | SOURCE GBR

| | | | | | |
|---|---|---|---|---|---|
| Fertility Index | 6.3 | Improver | Lifespan | 100 | Improver |
| Calving Ease | -0.3 | Harder | Maintenance | 20 | Larger |
| Somatic Cell | -26 | Improver | Calf Survival | 1.6 | Improver |
| Mastitis | -3 | Improver | Digital Derma | 0.3 | Improver |
| Milking Speed | -0.33 | Slower | Milk Proteins | BB-A2A2 | |

## BRITISH FRIESIAN

FERTILITY · PRODUCTION · LIFESPAN · Ultraplus HighPurity

# Inch Jake RDC

Jingle x Jupiter x Pinnacle

HBN: BFGBRM937223610806 AI Code: BF1234
Dam: Inch Jupiter Daphne Red 2 BFE91
G Dam: Inch Pinnacle Daphne 6 BFV85
3rd Dam: Inch Blackisle Daphne 2 EX92(5)

Haplotypes: TL TY TN TV TD TC RDC

PRODUCTION DTRS 0 HERDS 0 | December 2023 | SOURCE GBR

| Milk Kgs | Fat Kgs | Prot Kgs | £SCI rlb | SCI £354 |
|---|---|---|---|---|
| -43 | 1.1 | 1.3 | 65 | |
| Rel% | Fat% | Prot% | £ACI rlb | ACI £369 |
| 68 | 0.06 | 0.06 | 65 | |

| | | |
|---|---|---|
| UK Type Merit | 0.82 | Excellent |
| UK Udder Comp | 0.87 | Excellent |
| UK Feet and Legs | 0.84 | Excellent |
| Stature | 0.27 | Tall |
| Chest Width | -0.99 | Narrow |
| Body Depth | 0.56 | Deep |
| Angularity | 1.93 | Open Rib |
| Rump Angle | -0.08 | High Pins |
| Rump Width | 0.83 | Wide |
| Rear Leg Side | -0.02 | Steep |
| Foot Angle | 0.17 | Steep |
| F.Udder Attach | -0.16 | Loose |
| R. Udder Height | 1.78 | High |
| Udder Support | 0.82 | Strong |
| Udder Depth | -0.56 | Deep |
| F.Teat Placement | 0.05 | Close |
| Teat Length | 0.84 | Long |
| R.Teat Placement | -0.03 | Apart |
| Teat Pos Side | 1.14 | Apart |
| Temperament | -0.13 | Poor |
| Locomotion | 0.69 | Excellent |
| Condition Score | -1.68 | Low |

TYPE58%R | TYPE DTRS 0 HERDS 0 | December 2023 | SOURCE GBR

| | | | | | |
|---|---|---|---|---|---|
| Fertility Index | 11.0 | Improver | Lifespan | 124 | Improver |
| Calving Ease | 0.8 | Easier | Maintenance | -16 | Smaller |
| Somatic Cell | 6 | Non-Imp. | Calf Survival | 3.1 | Improver |
| Mastitis | 0 | Average | Digital Derma | 0.0 | Average |
| Milking Speed | -0.58 | Slower | Milk Proteins | AA-A1A1 | |

Production and fitness data supplied by AHDB.

## JERSEY

SCI/ACI · PRODUCTION · LIVEWEIGHT · Ultraplus HighPurity

# 3Star OH Lars P

Hamulus x Hirts x Dillan-P

HBN: JENLDM000578223252 AI Code: J2856
Dam: Danish Sonderfenner Hirts Gry P EX91
G Dam: Danish Golden GDK Dillan Georgine P VG87
3rd Dam: Golden GDK Going Spring VG87

Haplotypes: TL TY TN TV TD TC POC

PRODUCTION DTRS 0 HERDS 0 | December 2023 | SOURCE GBR

| Milk Kgs | Fat Kgs | Prot Kgs | £SCI rlb | SCI £337 |
|---|---|---|---|---|
| -367 | 4.9 | -0.8 | 56 | |
| Rel% | Fat% | Prot% | £ACI rlb | ACI £296 |
| 58 | 0.44 | 0.25 | 56 | |

| | | |
|---|---|---|
| UK Type Merit | 0.70 | Excellent |
| UK Udder Comp | 1.10 | Excellent |
| UK Feet and Legs | 0.10 | Excellent |
| Stature | 1.00 | Tall |
| Chest Width | 0.90 | Wide |
| Body Depth | 0.10 | Deep |
| Angularity | 0.30 | Open Rib |
| Rump Angle | 0.50 | Low Pins |
| Rump Width | 0.30 | Wide |
| Rear Leg Side | -0.30 | Steep |
| Foot Angle | 0.60 | Steep |
| F.Udder Attach | 2.00 | Tight |
| R. Udder Height | 0.80 | High |
| Udder Support | -1.50 | Weak |
| Udder Depth | 1.90 | Shallow |
| F.Teat Placement | -0.10 | Apart |
| Teat Length | 0.10 | Long |
| R.Teat Placement | N/A | |
| Teat Pos Side | N/A | |
| Temperament | N/A | |
| Locomotion | -0.30 | Poor |
| Condition Score | N/A | |

TYPE60%R | TYPE DTRS 0 HERDS 0 | December 2023 | SOURCE GBR

| | | | | | |
|---|---|---|---|---|---|
| Fertility Index | 3.9 | Improver | Lifespan | 90 | Improver |
| Calving Ease | N/A | | Maintenance | -47 | Smaller |
| Somatic Cell | 1 | Non-Imp. | Calf Survival | N/A | |
| Mastitis | N/A | | Digital Derma | N/A | |
| Milking Speed | N/A | | Milk Proteins | BB-A2A2 | |

## HOLSTEIN FRIESIAN

SCI/ACI · PRODUCTION · FERTILITY · Ultraplus HighPurity

# Cogent GC Lincoln

Captain x Dedicate x Modesty

HBN: HOGBRM728173500161 AI Code: HO7071
Dam: STGen 85105
G Dam: Fairmont Modesty Lemon
3rd Dam: Oconnors Racer Lorena VG85

Haplotypes: TL TY TN TV TD TC

AHDB PRODUCTION DTRS 0 HERDS 0 | December 2023 | SOURCE GBR

| Milk Kgs | Fat Kgs | Prot Kgs | £SCI rlb | SCI £531 |
|---|---|---|---|---|
| 930 | 42 | 30.7 | 67 | |
| Rel% | Fat% | Prot% | £ACI rlb | ACI £660 |
| 74 | 0.04 | -0.02 | 67 | |

| | | |
|---|---|---|
| UK Type Merit | 0.39 | Excellent |
| UK Udder Comp | 1.34 | Excellent |
| UK Feet and Legs | -0.10 | Poor |
| Stature | -1.27 | Short |
| Chest Width | -0.77 | Narrow |
| Body Depth | -1.81 | Shallow |
| Angularity | -0.64 | Coarse |
| Rump Angle | -0.64 | High Pins |
| Rump Width | 0.03 | Wide |
| Rear Leg Side | 0.94 | Sickle |
| Foot Angle | -1.44 | Low |
| F.Udder Attach | 1.59 | Tight |
| R. Udder Height | 0.63 | High |
| Udder Support | 0.27 | Strong |
| Udder Depth | 1.05 | Shallow |
| F.Teat Placement | 0.10 | Close |
| Teat Length | -0.36 | Short |
| R.Teat Placement | 0.45 | Close |
| Teat Pos Side | -0.16 | Close |
| Temperament | -0.09 | Poor |
| Locomotion | 0.55 | Excellent |
| Condition Score | 0.27 | High |

TYPE55%R | TYPE DTRS 0 HERDS 0 | December 2023 | SOURCE GBR

| | | | | | |
|---|---|---|---|---|---|
| Fertility Index | 7.1 | Improver | Lifespan | 76 | Improver |
| Calving Ease | 0.4 | Easier | Maintenance | 4 | Larger |
| Somatic Cell | -12 | Improver | Calf Survival | 3.0 | Improver |
| Mastitis | -2 | Improver | Digital Derma | 0.5 | Improver |
| Milking Speed | 1.27 | Faster | Milk Proteins | AB-A2A2 | |

## BRITISH FRIESIAN

NEW

SCI/ACI · PRODUCTION · UDDER HEALTH · Ultraplus HighPurity

# Inch Mint

Milkman x Chad x Hylke

HBN: BFGBRM937005768507 AI Code: BF1271
Dam: Inch Chad Daphne 9 BFE92(3)
G Dam: Inch Hylke Daphne 12 BFE91(2)
3rd Dam: Inch Blackisle Daphne 2 EX92(4)

Haplotypes: TL TY TN TV TD TC

AHDB PRODUCTION DTRS 0 HERDS 0 | December 2023 | SOURCE GBR

| Milk Kgs | Fat Kgs | Prot Kgs | £SCI rlb | SCI £312 |
|---|---|---|---|---|
| -122 | 0.3 | -1.1 | 65 | |
| Rel% | Fat% | Prot% | £ACI rlb | ACI £315 |
| 68 | 0.11 | 0.06 | 65 | |

| | | |
|---|---|---|
| UK Type Merit | 1.56 | Excellent |
| UK Udder Comp | 1.40 | Excellent |
| UK Feet and Legs | 1.56 | Excellent |
| Stature | 0.79 | Tall |
| Chest Width | 0.16 | Wide |
| Body Depth | 0.97 | Deep |
| Angularity | 1.49 | Open Rib |
| Rump Angle | -0.59 | High Pins |
| Rump Width | 0.22 | Wide |
| Rear Leg Side | -0.47 | Steep |
| Foot Angle | -0.09 | Low |
| F.Udder Attach | 1.02 | Tight |
| R. Udder Height | 0.90 | High |
| Udder Support | 1.49 | Strong |
| Udder Depth | 0.69 | Shallow |
| F.Teat Placement | 1.44 | Close |
| Teat Length | -0.80 | Short |
| R.Teat Placement | 1.30 | Close |
| Teat Pos Side | 1.22 | Apart |
| Temperament | 1.00 | Docile |
| Locomotion | 1.54 | Excellent |
| Condition Score | -0.83 | Low |

TYPE55%R | TYPE DTRS 0 HERDS 0 | December 2023 | SOURCE GBR

| | | | | | |
|---|---|---|---|---|---|
| Fertility Index | 10.9 | Improver | Lifespan | 112 | Improver |
| Calving Ease | 1.4 | Easier | Maintenance | -4 | Smaller |
| Somatic Cell | 3 | Non-Imp. | Calf Survival | 1.8 | Improver |
| Mastitis | -1 | Improver | Digital Derma | 0.2 | Improver |
| Milking Speed | 0.11 | Faster | Milk Proteins | --A1A1 | |

## JERSEY

PRODUCTION · SCI/ACI · LIVEWEIGHT · Ultraplus HighPurity

# 3Star OH Niels PP

Waskiv PP x Hirts x Dillan-P

HBN: JENLDM000544593385 AI Code: J2857
Dam: Danish Sonderfenner Hirts Gry P EX91
G Dam: Danish Golden GDK Dillan Georgine P VG87
3rd Dam: Golden GDK Going Spring VG87

Haplotypes: TL TY TN TV TD TC POS

AHDB PRODUCTION DTRS 0 HERDS 0 | December 2023 | SOURCE GBR

| Milk Kgs | Fat Kgs | Prot Kgs | £SCI rlb | SCI £348 |
|---|---|---|---|---|
| -378 | 7.4 | -0.7 | 55 | |
| Rel% | Fat% | Prot% | £ACI rlb | ACI £301 |
| 57 | 0.50 | 0.26 | 55 | |

| | | |
|---|---|---|
| UK Type Merit | 0.80 | Excellent |
| UK Udder Comp | 1.00 | Excellent |
| UK Feet and Legs | 0.30 | Excellent |
| Stature | 1.10 | Tall |
| Chest Width | -0.90 | Narrow |
| Body Depth | -1.50 | Shallow |
| Angularity | 0.10 | Open Rib |
| Rump Angle | 1.50 | Low Pins |
| Rump Width | 0.10 | Wide |
| Rear Leg Side | -0.70 | Steep |
| Foot Angle | 0.30 | Steep |
| F.Udder Attach | 1.00 | Tight |
| R. Udder Height | 0.80 | High |
| Udder Support | -1.10 | Weak |
| Udder Depth | 2.40 | Shallow |
| F.Teat Placement | -0.80 | Apart |
| Teat Length | 1.00 | Long |
| R.Teat Placement | N/A | |
| Teat Pos Side | N/A | |
| Temperament | N/A | |
| Locomotion | 0.00 | Average |
| Condition Score | N/A | |

TYPE59%R | TYPE DTRS 0 HERDS 0 | December 2023 | SOURCE GBR

| | | | | | |
|---|---|---|---|---|---|
| Fertility Index | 2.9 | Improver | Lifespan | 81 | Improver |
| Calving Ease | N/A | | Maintenance | -53 | Smaller |
| Somatic Cell | 6 | Non-Imp. | Calf Survival | N/A | |
| Mastitis | N/A | | Digital Derma | N/A | |
| Milking Speed | N/A | | Milk Proteins | BB-A2A2 | |

Production and fitness data supplied by AHDB.

## HOLSTEIN FRIESIAN

SCI/ACI · PRODUCTION · LAMENESS · Ultraplus HighPurity

# DG HS Nixon

Renegade x Medley x Jedi

HBN: HODEUM001406512548 AI Code: HO7275
Dam: DG Nanny
G Dam: HS DG Nadja GP81
3rd Dam: HS DG Neliza

Haplotypes: TL TY TN TV TD TC

PRODUCTION DTRS 0 HERDS 0 | December 2023 | SOURCE GBR

| Milk Kgs | Fat Kgs | Prot Kgs | £SCI rlb | SCI £513 |
|---|---|---|---|---|
| 873 | 41.2 | 32.3 | 67 | |
| Rel% | Fat% | Prot% | £ACI rlb | ACI £638 |
| 73 | 0.07 | 0.04 | 67 | |

| | | |
|---|---|---|
| UK Type Merit | 1.45 | Excellent |
| UK Udder Comp | 1.80 | Excellent |
| UK Feet and Legs | 0.99 | Excellent |
| Stature | -0.15 | Short |
| Chest Width | 1.09 | Wide |
| Body Depth | -0.70 | Shallow |
| Angularity | -0.61 | Coarse |
| Rump Angle | 0.01 | Low Pins |
| Rump Width | -0.97 | Narrow |
| Rear Leg Side | -0.45 | Steep |
| Foot Angle | 0.28 | Steep |
| F.Udder Attach | 1.77 | Tight |
| R. Udder Height | 1.22 | High |
| Udder Support | 0.57 | Strong |
| Udder Depth | 1.31 | Shallow |
| F.Teat Placement | 0.44 | Close |
| Teat Length | -0.53 | Short |
| R.Teat Placement | 0.15 | Close |
| Teat Pos Side | 1.04 | Apart |
| Temperament | -0.45 | Poor |
| Locomotion | 0.83 | Excellent |
| Condition Score | 1.99 | High |

TYPE56%R | TYPE DTRS 0 HERDS 0 | December 2023 | SOURCE GBR

| | | | | | |
|---|---|---|---|---|---|
| Fertility Index | 9.1 | Improver | Lifespan | 106 | Improver |
| Calving Ease | 0.1 | Easier | Maintenance | 26 | Larger |
| Somatic Cell | -11 | Improver | Calf Survival | -0.3 | Non-Imp. |
| Mastitis | -1 | Improver | Digital Derma | 0.4 | Improver |
| Milking Speed | -0.97 | Slower | Milk Proteins | BB-A1A2 | |

## BRITISH FRIESIAN

NEW

SCI/ACI · FERTILITY · LIFESPAN · Ultraplus HighPurity

# Bradash Trailblazer

Brilliant x Randolf x Tournament

HBN: BFGBRM162749102259 AI Code: BF1274
Dam: Bradash Apeldoorn 23 BFE95(6)
G Dam: Bradash Apeldoorn 18 EX92(4)
3rd Dam: Bradash Apeldoorn 14 BFV86

Haplotypes: TL TY TN TV TD TC RDC

PRODUCTION DTRS 0 HERDS 0 | December 2023 | SOURCE GBR

| Milk Kgs | Fat Kgs | Prot Kgs | £SCI rlb | SCI £314 |
|---|---|---|---|---|
| -190 | -3.4 | -1.4 | 64 | |
| Rel% | Fat% | Prot% | £ACI rlb | ACI £313 |
| 68 | 0.10 | 0.10 | 64 | |

| | | |
|---|---|---|
| UK Type Merit | 0.12 | Excellent |
| UK Udder Comp | -0.04 | Poor |
| UK Feet and Legs | 0.53 | Excellent |
| Stature | 0.10 | Tall |
| Chest Width | 0.40 | Wide |
| Body Depth | -0.08 | Shallow |
| Angularity | -0.12 | Coarse |
| Rump Angle | -0.19 | High Pins |
| Rump Width | 0.44 | Wide |
| Rear Leg Side | -0.67 | Steep |
| Foot Angle | 0.06 | Steep |
| F.Udder Attach | -0.28 | Loose |
| R. Udder Height | -0.01 | Low |
| Udder Support | 0.04 | Strong |
| Udder Depth | -0.26 | Deep |
| F.Teat Placement | -0.56 | Apart |
| Teat Length | 0.47 | Long |
| R.Teat Placement | 0.27 | Close |
| Teat Pos Side | 0.37 | Apart |
| Temperament | 0.36 | Docile |
| Locomotion | 0.18 | Excellent |
| Condition Score | 0.22 | High |

TYPE55%R | TYPE DTRS 0 HERDS 0 | December 2023 | SOURCE GBR

| | | | | | |
|---|---|---|---|---|---|
| Fertility Index | 9.9 | Improver | Lifespan | 118 | Improver |
| Calving Ease | 1.1 | Easier | Maintenance | -5 | Smaller |
| Somatic Cell | -4 | Improver | Calf Survival | 1.5 | Improver |
| Mastitis | -2 | Improver | Digital Derma | -0.2 | Non-Imp. |
| Milking Speed | -1.12 | Slower | Milk Proteins | AB-A1A1 | |

## JERSEY

SCI/ACI · PRODUCTION · LIVEWEIGHT · Ultraplus HighPurity

# Tog JDF Volponi 10488

Orbiscularis x Charmer x VJ Hilario

SISTER TO 5TH DAM-AHLEM BARBER TIFFANY 6200 EX93

HBN: JE840M003243325088 AI Code: J2934
Dam: Tog Crocodile 36108
G Dam: Tog Amanda P609 7857
3rd Dam: Tollenaar Zuma 7242

Haplotypes: TL TY TN TV TD TC

PRODUCTION DTRS 0 HERDS 0 | December 2023 | SOURCE GBR

| Milk Kgs | Fat Kgs | Prot Kgs | £SCI rlb | SCI £466 |
|---|---|---|---|---|
| -26 | 17.4 | 12.3 | 53 | |
| Rel% | Fat% | Prot% | £ACI rlb | ACI £444 |
| 56 | 0.37 | 0.26 | 53 | |

| | | |
|---|---|---|
| UK Type Merit | 0.50 | Excellent |
| UK Udder Comp | 0.80 | Excellent |
| UK Feet and Legs | 0.20 | Excellent |
| Stature | 0.60 | Tall |
| Chest Width | -0.60 | Narrow |
| Body Depth | -0.20 | Shallow |
| Angularity | 1.60 | Open Rib |
| Rump Angle | 0.20 | Low Pins |
| Rump Width | 0.10 | Wide |
| Rear Leg Side | 0.40 | Sickle |
| Foot Angle | 0.50 | Steep |
| F.Udder Attach | 0.40 | Tight |
| R. Udder Height | 1.50 | High |
| Udder Support | 0.20 | Strong |
| Udder Depth | -0.20 | Deep |
| F.Teat Placement | 0.60 | Close |
| Teat Length | -0.50 | Short |
| R.Teat Placement | N/A | |
| Teat Pos Side | N/A | |
| Temperament | N/A | |
| Locomotion | 0.20 | Excellent |
| Condition Score | N/A | |

TYPE56%R | TYPE DTRS 0 HERDS 0 | December 2023 | SOURCE GBR

| | | | | | |
|---|---|---|---|---|---|
| Fertility Index | 1.2 | Improver | Lifespan | 75 | Improver |
| Calving Ease | N/A | | Maintenance | -58 | Smaller |
| Somatic Cell | -4 | Improver | Calf Survival | N/A | |
| Mastitis | N/A | | Digital Derma | N/A | |
| Milking Speed | N/A | | Milk Proteins | BB-A2A2 | |

## HOLSTEIN FRIESIAN

SCI/ACI · PRODUCTION · UDDER HEALTH · Ultraplus HighPurity

# Cogent Zulu

Batman x Agronaut x Delta

HBN: HOLGBRM103122603592 AI Code: HO6516
Dam: Islandpride Riverdane Agronaut Zoe 2 GP83
G Dam: Islandpride Riverdane Delta Zoe GP84
3rd Dam: EDG Magnus CHV 55647

Haplotypes: TL TY TN TV TD TC HH5C

PRODUCTION DTRS 0 HERDS 0 | December 2023 | SOURCE GBR

| Milk Kgs | Fat Kgs | Prot Kgs | £SCI rlb | SCI £550 |
|---|---|---|---|---|
| 403 | 36.6 | 26.9 | 68 | |
| Rel% | Fat% | Prot% | £ACI rlb | ACI £614 |
| 74 | 0.36 | 0.24 | 68 | |

| | | |
|---|---|---|
| UK Type Merit | 1.11 | Excellent |
| UK Udder Comp | 0.66 | Excellent |
| UK Feet and Legs | 1.29 | Excellent |
| Stature | -1.09 | Short |
| Chest Width | 1.23 | Wide |
| Body Depth | 0.41 | Deep |
| Angularity | -0.11 | Coarse |
| Rump Angle | -0.36 | High Pins |
| Rump Width | -1.34 | Narrow |
| Rear Leg Side | -0.04 | Steep |
| Foot Angle | 0.73 | Steep |
| F.Udder Attach | 0.81 | Tight |
| R. Udder Height | -0.11 | Low |
| Udder Support | 0.28 | Strong |
| Udder Depth | 0.60 | Shallow |
| F.Teat Placement | 0.76 | Close |
| Teat Length | 0.15 | Long |
| R.Teat Placement | 0.19 | Close |
| Teat Pos Side | -0.51 | Close |
| Temperament | 0.35 | Docile |
| Locomotion | 1.33 | Excellent |
| Condition Score | 1.61 | High |

TYPE58%R | TYPE DTRS 0 HERDS 0 | December 2023 | SOURCE GBR

| | | | | | |
|---|---|---|---|---|---|
| Fertility Index | 8.6 | Improver | Lifespan | 48 | Improver |
| Calving Ease | -0.4 | Harder | Maintenance | 17 | Larger |
| Somatic Cell | -16 | Improver | Calf Survival | -1.8 | Non-Imp. |
| Mastitis | 0 | Average | Digital Derma | -0.2 | Non-Imp. |
| Milking Speed | 0.98 | Faster | Milk Proteins | AB-A2A2 | |

# The cogent *difference*

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