

# *Sexed Semen Catalogue 2021*



*Specially selected  
Holsteins and Coloured  
Breeds available  
as Sexed Semen for  
Northern Irish Farms*



**AI SERVICES**  
- NORTHERN IRELAND -

Welcome to our latest dairy genetics Sexed Semen Catalogue 2021.

As the demand for sexed semen grows, AI Services has scoured the marketplace to source sexed sires of the highest calibre to complement Northern Irish herds.

AI Services' Breeding Partners are all using the very latest Sexing Technology, Sexed Ultra. Sexed semen can achieve conception rates of up to 90% of conventional semen.

AI Services always puts health and longevity as top priorities for selection of bulls for our customers. As Northern Ireland is a manufacturing region, components are also a must for any breeding decisions made by local producers.

The catalogue includes both Holstein and Coloured Breeds, as the demand for crossbreeding continues to grow.

## Sexed Semen Handling Checklist

- Maintain an accurate semen inventory to lessen the risk of semen exposure.
- Raise the canister just high enough to grasp the top of the cane with a tweezers – 5 inches from top of tank.
- To maintain semen quality, do not allow the canister or cane to remain in the raised portion in the neck tube for more than 10 seconds.
- Place the straw immediately in a warm water bath, at a temperature of 95°F for a minimum of 45 seconds.
- Semen should be placed into the cow as quickly as possible (within 15 minutes after it is removed from the tank).
- The straw should be handled by the tweezers, not the fingers.
- To protect the thawed semen, place the insemination straw into a folded paper towel.
- Dry the straw and check for proper sire identification before loading the gun. Note: Load only one gun at a time.
- Prepare removal of sheath through the resealable end of the sheath package.
- Warm the gun prior to placing the insemination straw inside.
- After the insemination straw is loaded into the insemination gun, make a clean, straight cut at a right angle to – and just below – the crimp.
- Wipe the cutting edge of the scissors with a paper towel, to prevent future straw contamination.
- Place the sheath over the insemination gun, seat the straw in the sheath tip and secure it into place. Prime the insemination gun by pushing the plunger until semen is moved to the end of the sheath.
- Place the loaded insemination gun in a clean plastic glove and then inside your clothing to transport to the cow.

Whilst every effort has been made to ensure the accuracy of all information contained in this catalogue, AI Services (NI) Ltd. accepts no responsibility whatsoever for any error, and without prejudice do not accept any liability for loss which may result from any error.

AI Services is the supplier / seller of semen and does not carry any responsibility or liability to the buyer in respect of loss arising from performance or fertility issues, or any other matters which are outside of the direct control of AI Services. The purchase of semen does not guarantee fertility or conception.

AI Services abides by the AHDB Dairy and Holstein UK established Code of Advertising.

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Daughter of Brook

**HOLSTEIN PRODUCTION**

AHDB Dairy	PTA April 2021
Production Rel. 98%	PLI Rel. 90%
<b>PLI</b>	<b>£578</b>
<b>Milk Kg</b>	<b>+72</b>
<b>Fat Kg</b>	<b>+33.7</b>
<b>Fat %</b>	<b>+0.37</b>
<b>Protein Kg</b>	<b>+17.2</b>
<b>Protein %</b>	<b>+0.18</b>
<b>Persistence</b>	<b>67%</b>
SCI £335 ACI £490 Rel. 90%	
Daughter Proven – 358 UK Dtrs/65 Hds	

*Tremendous improvement in components*

*Average stature with strong body traits*

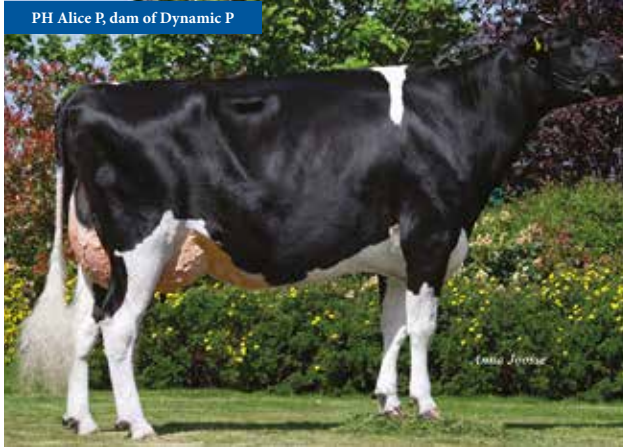
*Excellent teat length and placement for robotic milking*

*High local farmer satisfaction with milking daughters*

**Balisto X Denim X Ramos**

MANAGEMENT TRAITS		04/21
HealthyCow Index	£167	Improver
Fertility Index	-0.3	Improver
Lifespan	+131	Improver
Somatic Cell Ct	-26	Improver
Mastitis	-5	Improver
TB Advantage	-4.5	Desirable
Lameness Index	+0.6	Improver
Maintenance	+6	Desirable
Calf Survival	-2	Improver
Dir. Calving Ease	+0.5	Easy
M. Calving Ease	+1.4	Easy
Gestation Length	-2.0	Shorter
Dig. Dermatitis	+0.0	Improver
Dairy Carcase	-1.2	Improver
Temperament	-0.14	Good
Ease of Milk	-1.31	Fast

HOLSTEIN CONFORMATION		HUKI 04/21
Interbull Type Proof		78% Reliability, 924 Danish Daughters
Type Merit	+1.54	Excellent
Mammary	+1.47	Excellent
Legs & Feet	+0.98	Excellent
Stature	-0.27	160 cm
Chest Width	+1.20	Wide
Body Depth	+0.69	Deep
Angularity	-0.26	Open Rib
Rump Angle	+0.34	Low Pins
Rump Width	-0.76	Wide
Rear Leg Side	+0.39	Sickled
Foot Angle	+1.01	Steep
Fore Udder Att	+0.98	Tight
Rear Udder Ht	-0.26	Very High
Udder Support	+0.12	Strong
Udder Depth	+0.35	20cm Abve
Front Teat Pl.	-0.20	Close
Teat Length	+0.85	Long
Rear Teat Pl.	-1.19	Close
Teat Pos. Side	-0.50	Apart
Locomotion	+0.32	Excellent
Condition Score	+1.51	High



PH Alice P, dam of Dynamic P

**HOLSTEIN PRODUCTION**

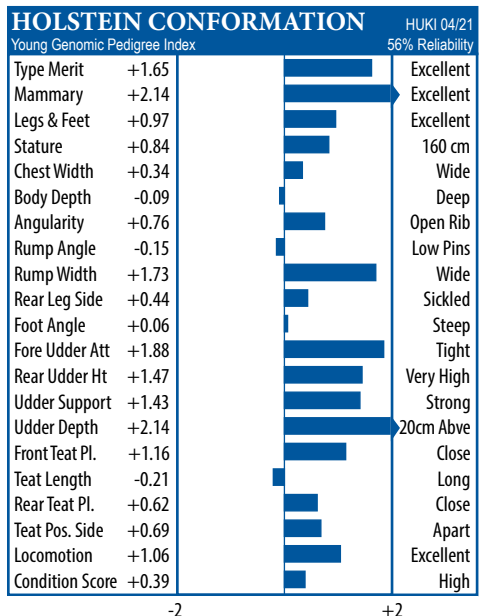
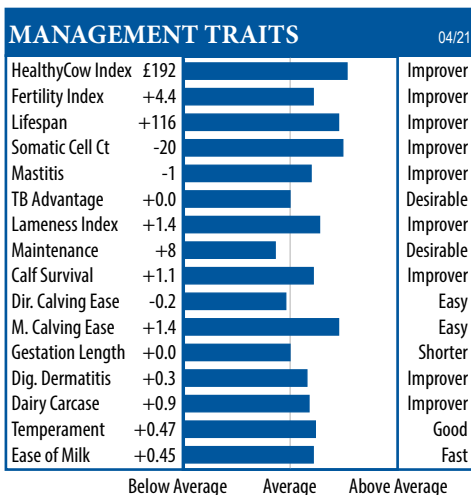
AHDB Dairy	PTA April 2021
Production Rel. 68%	PLI Rel. 65%
<b>PLI</b>	<b>£662</b>
<b>Milk Kg</b>	<b>+614</b>
<b>Fat Kg</b>	<b>+37.8</b>
<b>Fat %</b>	<b>+0.15</b>
<b>Protein Kg</b>	<b>+27.2</b>
<b>Protein %</b>	<b>+0.08</b>
SCI £340 ACI £539 Rel. 65%	
Genomic Young Sire Pedigree Index	

**A Type and Production sire**

**Superb udders with excellent support and attachment**

**Excellent weights and percentages in both Fat and Protein**

**Dynamo X Powerball P X**  
**Moonboy**





## HOLSTEIN PRODUCTION

AHDB Dairy PTA April 2021  
 Production Rel. 68% PLI Rel. 65%

<b>PLI</b>	<b>£681</b>
<b>Milk Kg</b>	<b>+405</b>
<b>Fat Kg</b>	<b>+38.2</b>
<b>Fat %</b>	<b>+0.25</b>
<b>Protein Kg</b>	<b>+22.8</b>
<b>Protein %</b>	<b>+0.11</b>
SCI £403 ACI £598 Rel. 65%	

MGD: No-Fla Robust Rholand 33758

Genomic Young Sire Pedigree Index

*Solid production sire with exceptional components*

*Fantastic Daughter Fertility*

*Average Stature with excellent body traits*

*Impressive Udder Attachment*

## AltaRobson x Montross X Robust

MANAGEMENT TRAITS		04/21
HealthyCow Index	£226	Improver
Fertility Index	+9.5	Improver
Lifespan	+140	Improver
Somatic Cell Ct	-12	Improver
Mastitis	-1	Improver
TB Advantage	+1.7	Desirable
Lameness Index	+2.0	Improver
Maintenance	+6	Desirable
Calf Survival	+1.8	Improver
Dir. Calving Ease	-0.4	Easy
M. Calving Ease	+1.2	Easy
Gestation Length	-3.0	Shorter
Dig. Dermatitis	+0.4	Improver
Dairy Carcase	+0.6	Improver
Temperament	+0.51	Good
Ease of Milk	-0.14	Fast

Below Average Average Above Average

## HOLSTEIN CONFORMATION

Young Genomic Pedigree Index

HUKI 04/21  
55% Reliability

Type Merit	+1.41	Excellent
Mammary	+0.98	Excellent
Legs & Feet	+1.14	Excellent
Stature	-0.07	160 cm
Chest Width	+1.16	Wide
Body Depth	-0.22	Deep
Angularity	+0.29	Open Rib
Rump Angle	-0.12	Low Pins
Rump Width	-0.29	Wide
Rear Leg Side	+0.09	Sickled
Foot Angle	+0.06	Steep
Fore Udder Att	+1.22	Tight
Rear Udder Ht	+1.02	Very High
Udder Support	-0.33	Strong
Udder Depth	+0.73	20cm Above
Front Teat Pl.	+0.09	Close
Teat Length	+0.37	Long
Rear Teat Pl.	-0.46	Close
Teat Pos. Side	+1.20	Apart
Locomotion	+1.13	Excellent
Condition Score	+0.89	High

-2 +2





## HOLSTEIN PRODUCTION

AHDB Dairy PTA April 2021

Production Rel. 68% PLI Rel. 65%

**PLI £653**

**Milk Kg +107**

**Fat Kg +39.8**

**Fat % +0.42**

**Protein Kg +20.9**

**Protein % +0.21**

SCI £409 ACI £595 Rel. 65%

Genomic Young Sire Pedigree Index

***Fantastic all-round improvement in all Type traits***

***Udders are firmly attached***

***Excellent Legs + Feet with good Locomotion***

***Massive Lift on Components***

## AltaRobson X Delta X

### Supersire

MANAGEMENT TRAITS		04/21
HealthyCow Index	£203	Improver
Fertility Index	+10.2	Improver
Lifespan	+101	Improver
Somatic Cell Ct	-11	Improver
Mastitis	+0	Improver
TB Advantage	+3.1	Desirable
Lameness Index	+1.7	Improver
Maintenance	+15	Desirable
Calf Survival	+2.5	Improver
Dir. Calving Ease	-1	Easy
M. Calving Ease	+1.2	Easy
Gestation Length	-3.0	Shorter
Dig. Dermatitis	+0.2	Improver
Dairy Carcase	+0.5	Improver
Temperament	+0.40	Good
Ease of Milk	+0.95	Fast

Below Average Average Above Average

## HOLSTEIN CONFORMATION

Young Genomic Pedigree Index

HUKI 04/21

55% Reliability

Type Merit	+0.85	Excellent
Mammary	+1.08	Excellent
Legs & Feet	+0.90	Excellent
Stature	+1.06	160 cm
Chest Width	+0.97	Wide
Body Depth	-0.06	Deep
Angularity	+0.24	Open Rib
Rump Angle	+0.21	Low Pins
Rump Width	+0.49	Wide
Rear Leg Side	+0.77	Sickled
Foot Angle	+0.56	Steep
Fore Udder Att	+1.24	Tight
Rear Udder Ht	+0.70	Very High
Udder Support	+0.39	Strong
Udder Depth	+1.48	20cm Above
Front Teat Pl.	+0.59	Close
Teat Length	-0.90	Long
Rear Teat Pl.	+0.29	Close
Teat Pos. Side	-0.06	Apart
Locomotion	+0.76	Excellent
Condition Score	+0.37	High

-2 +2



## HOLSTEIN PRODUCTION

AHDB Dairy PTA April 2021  
 Production Rel. 69% PLI Rel. 66%

<b>PLI</b>	<b>£768</b>
<b>Milk Kg</b>	<b>+781</b>
<b>Fat Kg</b>	<b>+33.8</b>
<b>Fat %</b>	<b>+0.03</b>
<b>Protein Kg</b>	<b>+34.8</b>
<b>Protein %</b>	<b>+0.10</b>
SCI £387 ACI £607 Rel. 66%	

MGD: Ginary Supersire Nicole VG86

Genomic Young Sire Pedigree Index

**Outstanding combination of type, production and health traits**

**Recommended for increasing longevity in the herd**

**Ideally suited for robotic milking schemes**

**High ranking PLI Sire**

## Quantum X AltaSpring X Carrera

MANAGEMENT TRAITS		04/21
HealthyCow Index	£226	Improver
Fertility Index	+2.1	Improver
Lifespan	+159	Improver
Somatic Cell Ct	-26	Improver
Mastitis	-4	Improver
TB Advantage	+1.9	Desirable
Lameness Index	+1.6	Improver
Maintenance	+4	Desirable
Calf Survival	+0.6	Improver
Dir. Calving Ease	+0.2	Easy
M. Calving Ease	+1.2	Easy
Gestation Length	+0.0	Shorter
Dig. Dermatitis	+0.5	Improver
Dairy Carcase	+1.0	Improver
Temperament	+0.79	Good
Ease of Milk	+0.15	Fast

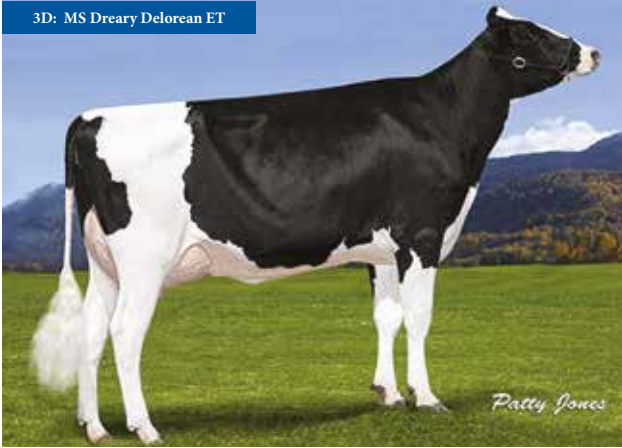
Below Average Average Above Average

## HOLSTEIN CONFORMATION

Young Genomic Pedigree Index HUKI 04/21 58% Reliability

Type Merit	+1.64	Excellent
Mammary	+1.87	Excellent
Legs & Feet	+1.15	Excellent
Stature	+0.19	160 cm
Chest Width	+0.49	Wide
Body Depth	-0.67	Deep
Angularity	+0.04	Open Rib
Rump Angle	+0.11	Low Pins
Rump Width	+1.07	Wide
Rear Leg Side	-0.28	Sickled
Foot Angle	+0.88	Steep
Fore Udder Att	+0.77	Tight
Rear Udder Ht	+1.98	Very High
Udder Support	+0.47	Strong
Udder Depth	+1.51	20cm Above
Front Teat Pl.	-0.60	Close
Teat Length	+0.83	Long
Rear Teat Pl.	+0.23	Close
Teat Pos. Side	+0.24	Apart
Locomotion	+1.02	Excellent
Condition Score	+0.88	High

-2 +2



3D: MS Dreary Delorean ET

## HOLSTEIN PRODUCTION

AHDB Dairy PTA April 2021  
 Production Rel. 67% PLI Rel. 64%

<b>PLI</b>	<b>£751</b>
<b>Milk Kg</b>	<b>+629</b>
<b>Fat Kg</b>	<b>+38.6</b>
<b>Fat %</b>	<b>+0.15</b>
<b>Protein Kg</b>	<b>+27.5</b>
<b>Protein %</b>	<b>+0.08</b>
SCI £429 ACI £640 Rel. 64%	
Genomic Young Sire Pedigree Index	

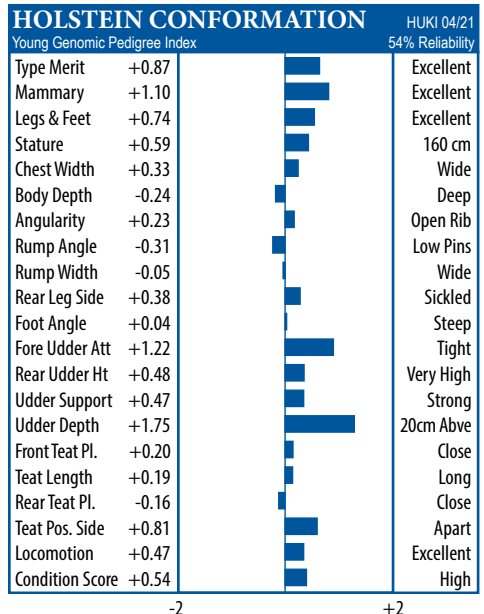
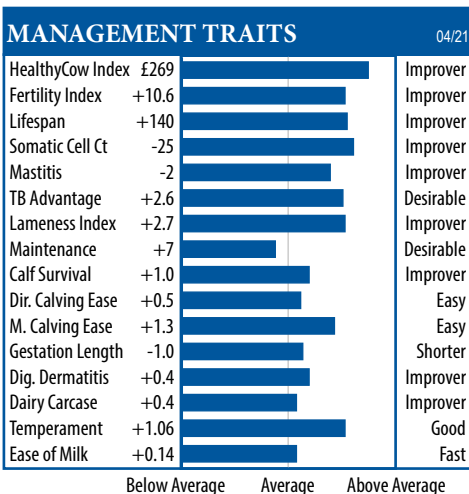
## The all round package

*Fantastic improvement in all management traits*

*+66.1 Kgs of combined Fat and Protein with positive percentages*

*Snugly attached udders with good teat placement*

## AltaRobert X Jedi X Monterey









## HOLSTEIN PRODUCTION

AHDB Dairy	PTA April 2021
Production Rel. 67%	PLI Rel. 63%
<b>PLI</b>	<b>£796</b>
<b>Milk Kg</b>	<b>+1000</b>
<b>Fat Kg</b>	<b>+41.2</b>
<b>Fat %</b>	<b>+0.01</b>
<b>Protein Kg</b>	<b>+32.5</b>
<b>Protein %</b>	<b>+0.00</b>
SCI £383 ACI £627 Rel. 63%	

3D: Compass-Trt Amrica Jabra ET

Genomic Young Sire Pedigree Index

***Top ranking sire across the globe***

***10 Generations VG / EX dams from the Rudy Missy Family***

***Superbly Attached Udders***

***Outstanding Production at +1000 Kg Milk and +73.7 Kg***

***Combined Fat and Protein***

## Topnotch X Router X Muscadet

MANAGEMENT TRAITS		04/21	
HealthyCow Index	£311	Improver	Improver
Fertility Index	+7.9	Improver	Improver
Lifespan	+177	Improver	Improver
Somatic Cell Ct	-26	Improver	Improver
Mastitis	-3	Improver	Improver
TB Advantage	+2.9	Desirable	Desirable
Lameness Index	+3.1	Improver	Improver
Maintenance	+18	Desirable	Desirable
Calf Survival	+3.0	Improver	Improver
Dir. Calving Ease	-0.1	Easy	Easy
M. Calving Ease	+1.3	Easy	Easy
Gestation Length	-2.0	Shorter	Shorter
Dig. Dermatitis	+0.5	Improver	Improver
Dairy Carcase	+0.3	Improver	Improver
Temperament	+1.32	Good	Good
Ease of Milk	+0.13	Fast	Fast

Below Average      Average      Above Average

HOLSTEIN CONFORMATION		HUKI 04/21	
Young Genomic Pedigree Index		55% Reliability	
Type Merit	+1.92	Excellent	Excellent
Mammary	+2.79	Excellent	Excellent
Legs & Feet	+0.97	Excellent	Excellent
Stature	+1.44	160 cm	Wide
Chest Width	+0.92	Wide	Wide
Body Depth	+0.51	Deep	Deep
Angularity	+0.86	Open Rib	Open Rib
Rump Angle	+0.28	Low Pins	Low Pins
Rump Width	+1.27	Wide	Wide
Rear Leg Side	-0.68	Sickled	Sickled
Foot Angle	+0.12	Steep	Steep
Fore Udder Att	+2.20	Tight	Tight
Rear Udder Ht	+2.35	Very High	Very High
Udder Support	+1.62	Strong	Strong
Udder Depth	+2.05	20cm Above	20cm Above
Front Teat Pl.	+0.14	Close	Close
Teat Length	+0.50	Long	Long
Rear Teat Pl.	+0.87	Close	Close
Teat Pos. Side	+0.56	Apart	Apart
Locomotion	+0.82	Excellent	Excellent
Condition Score	+0.67	High	High

-2      +2



HOLSTEIN PRODUCTION	
AHDB Dairy	PTA April 2021
Production Rel. 65%	PLI Rel. 62%
<b>PLI</b>	<b>£675</b>
<b>Milk Kg</b>	<b>+707</b>
<b>Fat Kg</b>	<b>+33.4</b>
<b>Fat %</b>	<b>+0.06</b>
<b>Protein Kg</b>	<b>+27.9</b>
<b>Protein %</b>	<b>+0.05</b>
SCI £351 ACI £536 Rel. 62%	
Genomic Young Sire Pedigree Index	

Hermes, 3 Dam of Piano

**Excellent all round production sire in both volume and components**

**Improves Rump Width and adds slope to the Rump Angle**

**High Daughter Fertility and Longevity**

**7 Generations of highly classified dams**

**Hotspot P X Battlecry X  
Kingboy**

MANAGEMENT TRAITS		04/21
HealthyCow Index	£236	Improver
Fertility Index	+8.4	Improver
Lifespan	+101	Improver
Somatic Cell Ct	-19	Improver
Mastitis	-3	Improver
TB Advantage	+2.2	Desirable
Lameness Index	+2.8	Improver
Maintenance	+11	Desirable
Calf Survival	-0.4	Improver
Dir. Calving Ease	+0.7	Easy
M. Calving Ease	+1.2	Easy
Gestation Length	+1.0	Shorter
Dig. Dermatitis	+0.7	Improver
Dairy Carcase	-0.9	Improver
Temperament	-0.23	Good
Ease of Milk	-0.27	Fast

Below Average Average Above Average

HOLSTEIN CONFORMATION		HUKI 04/21
Young Genomic Pedigree Index		51% Reliability
Type Merit	+1.90	Excellent
Mammary	+1.88	Excellent
Legs & Feet	+1.66	Excellent
Stature	+0.63	160 cm
Chest Width	+0.99	Wide
Body Depth	+0.70	Deep
Angularity	+0.44	Open Rib
Rump Angle	+0.99	Low Pins
Rump Width	+0.38	Wide
Rear Leg Side	-1.19	Sickled
Foot Angle	+0.93	Steep
Fore Udder Att	+2.14	Tight
Rear Udder Ht	+1.27	Very High
Udder Support	+0.33	Strong
Udder Depth	+1.77	20cm Above
Front Teat Pl.	+0.55	Close
Teat Length	-0.04	Long
Rear Teat Pl.	+0.00	Close
Teat Pos. Side	+0.01	Apart
Locomotion	+1.53	Excellent
Condition Score	+0.76	High

-2 +2





## HOLSTEIN PRODUCTION

AHDB Dairy PTA April 2021  
 Production Rel. 67% PLI Rel. 63%

<b>PLI</b>	<b>£822</b>
<b>Milk Kg</b>	<b>+928</b>
<b>Fat Kg</b>	<b>+46.3</b>
<b>Fat %</b>	<b>+0.10</b>
<b>Protein Kg</b>	<b>+34.7</b>
<b>Protein %</b>	<b>+0.05</b>
SCI £427 ACI £665 Rel. 63%	

Bru-Dale Zeronica ET VG85, 3rd Dam of Pokemon

Genomic Young Sire Pedigree Index

**Elite PLI Sire at +£822**  
**+81 Kgs combined Fat and Protein**  
**7 Generations of VG / EX dams**  
**Low Maintenance**  
**High Health Traits**

**Pursuit x Fabulous x  
 AltaTopshot**

MANAGEMENT TRAITS		04/21
HealthyCow Index	£229	Improver
Fertility Index	+4.9	Improver
Lifespan	+149	Improver
Somatic Cell Ct	-26	Improver
Mastitis	-3	Improver
TB Advantage	-0.1	Desirable
Lameness Index	+1.2	Improver
Maintenance	+2	Desirable
Calf Survival	+1.2	Improver
Dir. Calving Ease	+0.0	Easy
M. Calving Ease	+1.3	Easy
Gestation Length	-1.0	Shorter
Dig. Dermatitis	+0.2	Improver
Dairy Carcase	+0.7	Improver
Temperament	+0.86	Good
Ease of Milk	+0.60	Fast

Below Average Average Above Average

## HOLSTEIN CONFORMATION

Young Genomic Pedigree Index

HUKI 04/21

53% Reliability

Type Merit	+1.52	Excellent
Mammary	+1.63	Excellent
Legs & Feet	+0.44	Excellent
Stature	-0.17	160 cm
Chest Width	+0.80	Wide
Body Depth	-0.33	Deep
Angularity	+0.51	Open Rib
Rump Angle	-0.30	Low Pins
Rump Width	+1.22	Wide
Rear Leg Side	+0.43	Sickled
Foot Angle	+0.08	Steep
Fore Udder Att	+1.26	Tight
Rear Udder Ht	+1.88	Very High
Udder Support	+0.35	Strong
Udder Depth	+0.71	20cm Above
Front Teat Pl.	-0.78	Close
Teat Length	-0.08	Long
Rear Teat Pl.	-0.11	Close
Teat Pos. Side	+0.65	Apart
Locomotion	+0.76	Excellent
Condition Score	+0.71	High

-2 +2



# POZ RED P

Poz Red P



HB No 715631923402    AI Code HO6505  
 Beta Casein A1A2    Source France  
 Kappa Casein AB    DOB 17.03.19



## HOLSTEIN PRODUCTION

AHDB Dairy    PTA April 2021  
 Production Rel. 66%    PLI Rel. 63%

PLI    **£504**

Milk Kg    **+316**

Fat Kg    **+21.2**

Fat %    **+0.10**

Protein Kg    **+16.7**

Protein %    **+0.07**

SCI £273    ACI £427    Rel. 63%

Dam: Noz Red

Genomic Young Sire Pedigree Index

*Interesting red and white sire with outcross bloodlines*

*Recommended for robotic milking*

*Ideally suited for grazing schemes*

*Snugly attached udders*

## Mega Watt X Luz Red P X Brekem

MANAGEMENT TRAITS		04/21
HealthyCow Index	£220	Improver
Fertility Index	+5.5	Improver
Lifespan	+104	Improver
Somatic Cell Ct	-22	Improver
Mastitis	-3	Improver
TB Advantage	-1.5	Desirable
Lameness Index	+2.8	Improver
Maintenance	+5	Desirable
Calf Survival	+1.1	Improver
Dir. Calving Ease	+0.8	Easy
M. Calving Ease	+1.0	Easy
Gestation Length	+0.0	Shorter
Dig. Dermatitis	+0.3	Improver
Dairy Carcase	-1.1	Improver
Temperament	+0.38	Good
Ease of Milk	-0.82	Fast

Below Average    Average    Above Average

## HOLSTEIN CONFORMATION

Young Genomic Pedigree Index    HUKI 04/21    53% Reliability

Type Merit	+1.08	Excellent
Mammary	+1.26	Excellent
Legs & Feet	+0.83	Excellent
Stature	+0.43	160 cm
Chest Width	+0.30	Wide
Body Depth	-0.12	Deep
Angularity	+0.28	Open Rib
Rump Angle	-0.02	Low Pins
Rump Width	+0.97	Wide
Rear Leg Side	-0.03	Sickled
Foot Angle	+0.29	Steep
Fore Udder Att	+1.42	Tight
Rear Udder Ht	+1.31	Very High
Udder Support	+0.16	Strong
Udder Depth	+1.39	20cm Above
Front Teat Pl.	-0.51	Close
Teat Length	+0.47	Long
Rear Teat Pl.	-0.87	Close
Teat Pos. Side	+0.14	Apart
Locomotion	+0.82	Excellent
Condition Score	+0.13	High

-2    +2



## HOLSTEIN PRODUCTION

AHDB Dairy	PTA April 2021
Production Rel. 83%	PLI Rel. 78%
<b>PLI</b>	<b>£628</b>
<b>Milk Kg</b>	<b>+389</b>
<b>Fat Kg</b>	<b>+30.9</b>
<b>Fat %</b>	<b>+0.18</b>
<b>Protein Kg</b>	<b>+23.0</b>
<b>Protein %</b>	<b>+0.12</b>
SCI £390 ACI £565 Rel. 78%	
Daughter Proven - 857 Danish Dtrs	

**Praser is one of the top Daughter Fertility bulls available at +11.9**  
**Daughters will be strong and robust with excellent longevity in the herd**

**Use Praser to improve legs and feet with excellent locomotion**  
**Maintains production with tremendous lift in fat and protein percentages**

## Penmanship X Bay MVP X Epic

MANAGEMENT TRAITS		04/21
HealthyCow Index	£201	Improver
Fertility Index	+11.9	Improver
Lifespan	+98	Improver
Somatic Cell Ct	-2	Improver
Mastitis	-1	Improver
TB Advantage	+2.4	Desirable
Lameness Index	+0.7	Improver
Maintenance	+4	Desirable
Calf Survival	+2.6	Improver
Dir. Calving Ease	+0.3	Easy
M. Calving Ease	+0.8	Easy
Gestation Length	+0.0	Shorter
Dig. Dermatitis	+0.1	Improver
Dairy Carcase	-0.6	Improver
Temperament	+0.04	Good
Ease of Milk	-0.27	Fast

HOLSTEIN CONFORMATION		HUKI 04/21
Interbull Type Proof		68% Reliability, 176 Canadian Daughters
Type Merit	+1.13	Excellent
Mammary	+0.65	Excellent
Legs & Feet	+1.00	Excellent
Stature	+0.01	160 cm
Chest Width	+0.78	Wide
Body Depth	+0.77	Deep
Angularity	+0.55	Open Rib
Rump Angle	+0.26	Low Pins
Rump Width	+0.77	Wide
Rear Leg Side	+0.36	Sickled
Foot Angle	-0.01	Steep
Fore Udder Att	+0.37	Tight
Rear Udder Ht	+0.09	Very High
Udder Support	+0.89	Strong
Udder Depth	+0.09	20cm Abve
Front Teat Pl.	+0.72	Close
Teat Length	+0.68	Long
Rear Teat Pl.	+0.41	Close
Teat Pos. Side	-0.23	Apart
Locomotion	+0.67	Excellent
Condition Score	+1.10	High







Daughter: Bomaz Topshot 7745

HOLSTEIN PRODUCTION	
AHDB Dairy	PTA April 2021
Production Rel. 99%	PLI Rel. 94%
<b>PLI</b>	<b>£728</b>
<b>Milk Kg</b>	<b>+976</b>
<b>Fat Kg</b>	<b>+43.1</b>
<b>Fat %</b>	<b>+0.04</b>
<b>Protein Kg</b>	<b>+35.0</b>
<b>Protein %</b>	<b>+0.03</b>
<b>Persistence</b>	<b>67%</b>
SCI £358 ACI £578 Rel. 94%	
Daughter Proven – 599 UK Dtrs in 114 Hds	

**Ideal sire for commercial milk production herds, combining massive production with strong robust cows**

**Average Stature, wide chests and low angularity make Topshot very popular**

**Recommended for robotic milking**

### Supershot X AltaEmbassy X Robust

MANAGEMENT TRAITS		04/21
HealthyCow Index	£137	Improver
Fertility Index	+1.1	Improver
Lifespan	+110	Improver
Somatic Cell Ct	-18	Improver
Mastitis	-2	Improver
TB Advantage	-0.5	Desirable
Lameness Index	+2.9	Improver
Maintenance	-6	Desirable
Calf Survival	-1.1	Improver
Dir. Calving Ease	-0.5	Easy
M. Calving Ease	+0.9	Easy
Gestation Length	-5.0	Shorter
Dig. Dermatitis	+0.4	Improver
Dairy Carcase	+2.9	Improver
Temperament	+0.61	Good
Ease of Milk	-0.27	Fast

HOLSTEIN CONFORMATION		HUKI 04/21
Interbull Type Proof		91% Reliability, 141 UK Daughters
Type Merit	+0.24	Excellent
Mammary	-0.14	Excellent
Legs & Feet	-0.25	Excellent
Stature	-0.80	160 cm
Chest Width	+0.38	Wide
Body Depth	-1.00	Deep
Angularity	+0.14	Open Rib
Rump Angle	-0.13	Low Pins
Rump Width	+0.49	Wide
Rear Leg Side	+1.23	Sickled
Foot Angle	-1.27	Steep
Fore Udder Att	-0.33	Tight
Rear Udder Ht	-0.06	Very High
Udder Support	+0.84	Strong
Udder Depth	-1.02	20cm Above
Front Teat Pl.	-1.08	Close
Teat Length	+0.13	Long
Rear Teat Pl.	+0.46	Close
Teat Pos. Side	+0.44	Apart
Locomotion	-0.13	Excellent
Condition Score	+0.45	High





## UK JERSEY CONVERTED PRODUCTION PROOF

AHDB Dairy

PTA April 2021

Production Rel. 59%

PLI	£442
Milk Kg	+230
Fat Kg	+26.7
Fat %	+0.24
Protein Kg	+17.1
Protein %	+0.14

***Recommended to improve Chest and Rump Width***  
***Excellent Legs and Feet with good Locomotion***  
***Tremendous Fat and Protein Improvement***

### VJ Higher X VJ Pil X DJ Jason

#### Danish Production Proof

Denmark 04/21

Genomic Young Sire

<b>Milk Kg</b>	<b>121</b>	<b>Protein</b>	<b>118</b>
<b>Fat Kg</b>	<b>120</b>	<b>Reliability</b>	<b>74%</b>
<b>Yield Index</b>	<b>121</b>	<b>NTM</b>	<b>26</b>

#### JERSEY CONFORMATION

UK Converted Figures

AHDB 04/21

Type Merit	+0.4		Excellent
Mammary	-0.1		Excellent
Legs & Feet	+0.7		Excellent
Stature	+0.4		160 cm
Chest Width	+0.6		Wide
Body Depth	-0.1		Deep
Angularity	+0.3		Open Rib
Rump Angle	+0.4		Low Pins
Rump Width	+0.3		Wide
Rear Leg Side	-0.4		Sickled
Foot Angle	+1.2		Steep
Fore Udder Att	+0.0		Tight
Rear Udder Ht	+0.4		Very High
Udder Support	+0.6		Strong
Udder Depth	+0.9		20cm Above
Front Teat Pl.	-0.4		Close
Teat Length	-0.1		Long
Rear Teat Pl.	+0.0		Close

#### MANAGEMENT TRAITS

04/21

Lifespan	+119		Improver
Somatic Cell Ct	-16		Improver
Mastitis	-2		Improver
Maintenance	+6		Desirable

Below Average    Average    Above Average

***Additional Jersey Bulls are available on request.***





## UK MONTBELLARDE CONVERTED PRODUCTION PROOF

AHDB Dairy

PTA April 2021

Production Rel. 57%

<b>PLI</b>	<b>£186</b>
<b>Milk Kg</b>	<b>+244</b>
<b>Fat Kg</b>	<b>+9.0</b>
<b>Fat %</b>	<b>-0.01</b>
<b>Protein Kg</b>	<b>+11.1</b>
<b>Protein %</b>	<b>+0.04</b>

Miroine, dam of Oxybul

**Recommended for cross breeding**  
**Very good temperament score at 111**  
**Calving Ease**

## Lelelabel X Harpon JB X Guronzan

### French Production Proof

France 04/21		Genomic Young Sire	
<b>Milk Kg</b>	<b>+723</b>	<b>Protein Kg</b>	<b>+31</b>
<b>Fat Kg</b>	<b>+30</b>	<b>Protein %</b>	<b>+0.7</b>
<b>Fat %</b>	<b>+0.4</b>	<b>Reliability</b>	<b>71%</b>
<b>INEL Prod Index</b>	<b>+37</b>	<b>ISU Total Merit</b>	<b>153</b>

### MANAGEMENT TRAITS

04/21

Lifespan	+36	Improver
Somatic Cell Ct	-3	Improver
Mastitis	+0	Improver

Below Average    Average    Above Average

### MONTBELLARDE CONFORMATION

Young Genomic Pedigree Index

France 04/21

OVERALL TYPE	120	Excellent
BODY	104	Excellent
Stature	122	Tall
Chest Width	111	Strong
Body Depth	117	Deep
RUMP	104	Excellent
Rump Angle	89	Horizontal
Rump Width	104	Wide
FEET AND LEGS	109	Excellent
Rear Leg Set	98	Sickled
Foot Angle	97	Steep
UDDER	113	Excellent
Fore Udder Att	125	Strong
Rear Udder Height	96	High
Rear Udder Width	107	Wide
Udder Ligament	108	Strong
Udder Depth	101	High
Front Teat Pl.	112	Close
Teat Length	103	Long
Rear Teat View	97	Internal
MUSCULARITY	94	Good

88

112

**Additional Montbelliarde Bulls are available on request.**



## UK FLECKVIEH CONVERTED PRODUCTION PROOF

AHDB Dairy PTA April 2021  
 Production Rel. 69%

<b>PLI</b>	<b>£171</b>
<b>Milk Kg</b>	<b>+374</b>
<b>Fat Kg</b>	<b>+18.6</b>
<b>Fat %</b>	<b>+0.05</b>
<b>Protein Kg</b>	<b>+8.6</b>
<b>Protein %</b>	<b>+0.05</b>

***Top Production Sire***



***Improves Feet and Legs***

***Excellent Udders with good Udder Support***

***Positive for Muscularity***

***Miami X Polaroid X Everest***






















German Production Proof			
Germany 04/21		Genomic Young Sire	
<b>Milk Kg</b>	<b>+1096</b>	<b>Protein Kg</b>	<b>+27</b>
<b>Fat Kg</b>	<b>+54</b>	<b>Protein %</b>	<b>-0.13</b>
<b>Fat %</b>	<b>+0.10</b>	<b>Reliability</b>	<b>86%</b>
<b>Milk Index</b>	<b>+128</b>	<b>GSW</b>	<b>133</b>

MANAGEMENT TRAITS			04/21
Somatic Cell Ct	-2		Improver
Mastitis	+0		Improver

Below Average    Average    Above Average

## FLECKVIEH CONFORMATION

Young Genomic Pedigree Index Germany 04/21

Frame	105		Excellent
Muscling	104		Excellent
Legs & Feet	121		Excellent
Muscularity	109		Excellent
Stature	104		Tall
Body Length	101		Long
Body Depth	107		Deep
Rump Angle	118		Sloped
Rump Width	106		Wide
Rear Leg Side	93		Sickled
Hock Quality	107		Dry
Pasterns	113		Strong
Hoof Height	102		High
Fore Udder Length	112		Long
Rear Udder Length	115		Long
Fore Udder Att	93		Tight
Central Ligament	110		Strong
Udder Depth	93		High
Front Teat Pl.	100		Close
Teat Length	92		Long
Rear Teat Pl.	99		Close

88

112

***Additional Fleckvieh Bulls are available on request.***



UK BROWN SWISS CONVERTED PRODUCTION PROOF	
AHDB Dairy	PTA April 2021
Production Rel. 56%	
<b>PLI</b>	<b>£321</b>
<b>Milk Kg</b>	<b>+305</b>
<b>Fat Kg</b>	<b>+22.5</b>
<b>Fat %</b>	<b>+0.14</b>
<b>Protein Kg</b>	<b>+14.9</b>
<b>Protein %</b>	<b>+0.06</b>

**NEW**

Dam: Lilipus

*Massive Improver for Fat and Protein*

*High Type Sire*

*Good Calving Ease*

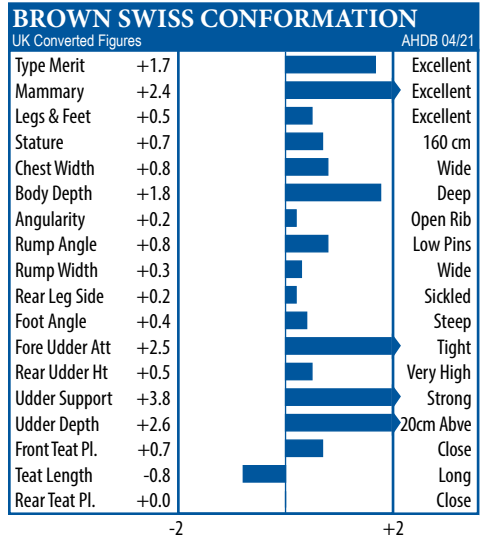
*Recommended for Cross Breeding*

*Bender X Glarus X Dally*

French Production Proof			
Germany 04/21		Genomic Young Sire	
<b>Milk Kg</b>	<b>+629</b>	<b>Protein Kg</b>	<b>+36</b>
<b>Fat Kg</b>	<b>+54</b>	<b>Protein %</b>	<b>+1.7</b>
<b>Fat %</b>	<b>+3.3</b>	<b>Reliability</b>	<b>70%</b>
<b>Dairy Index</b>	<b>+49</b>	<b>ISU</b>	<b>170</b>

MANAGEMENT TRAITS			04/21
Lifespan	+9		Improver
Somatic Cell Ct	-9		Improver
Mastitis	-1		Improver
Maintenance	+8		Desirable

Below Average    Average    Above Average



*Additional Brown Swiss Bulls are available on request.*



# *At Your Service . . .*

Headquarters and Stud Facility	Ballycraigy	028 9083 3123
Breeding Information	Ivan Minford	078 3118 9852 028 9083 3123 iminford@ai-services.co.uk
	Michelle Hill	028 9083 3123 mhill@ai-services.co.uk

## BREEDING SPECIALISTS

### ANTRIM / LONDONDERRY

Ben Mallon	078 8444 3899
Ivan Minford	078 3118 9852
Gary Henderson	079 8934 6226

### DOWN / ARMAGH

James Compston	079 7660 5701
Nigel Spence	078 0927 4141

### FERMANAGH / TYRONE

Sales Advisor  
Sales Advisor  
Sales Advisor

John Sproule	077 7816 9263
Philip Robinson	077 4164 2616
William Maxwell	079 7160 3731
David Vance	077 7816 9263

### EMBRYO TRANSFER

David McCall	077 7880 5357
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### STUD MANAGER

Robin Boyd	077 9934 6784
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### DIY TRAINING

Ballycraigy	028 9083 3123
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