



Ai SERVICES
- NORTHERN IRELAND -

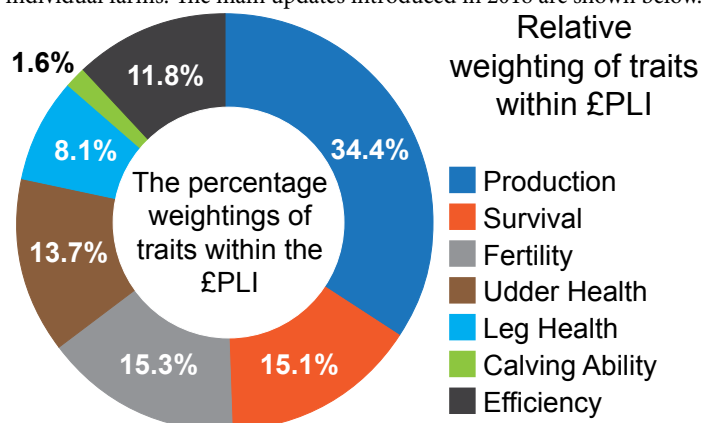
DAIRY CATALOGUE 2019

Key Elements of Dairy Evaluations

Profitable Lifetime Index: £PLI

The £PLI is a within breed genetic index developed specifically for UK dairy farmers. The £PLI value represents the additional profit a high £PLI bull is expected to return from each of its milking daughters over her lifetime compared to an average bull of £0 PLI.

The index has been developed to provide an initial screen tool to ensure bulls used on farm meet specific criteria. It is then recommended specific emphasis is placed on the management traits that require attention on individual farms. The main updates introduced in 2018 are shown below.



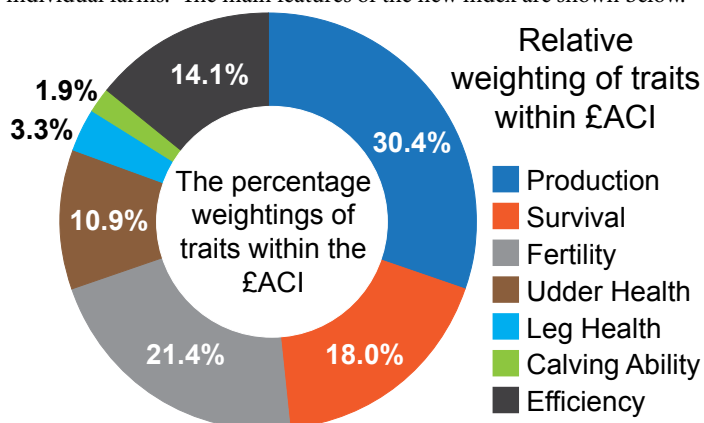
The £PLI:

- Promotes yield and maintains milk quality
- Increases emphasis on fertility
- Improves functional type - feet & legs and mammary
- Increases emphasis on longevity
- Reduces maintenance costs
- Improves udder health
- Improves calving performance

Autumn Calving Index: £ACI

The £ACI is a new genetic index introduced in August 2018. It provides UK farmers operating an autumn block calving system, with a higher requirement for winter feeding and targeting production of around 7,500 kgs/yr, with an across-breed evaluation to highlight bulls suitable for their system. The index has been calculated on its own base and for a specific farming system; so comparison of bulls on the £PLI or £SCI list is not possible.

The index has been developed to provide an initial screen tool to ensure bulls used on farm meet specific criteria. It is then recommended specific emphasis is placed on the management traits that require attention on individual farms. The main features of the new index are shown below.



The £ACI:

- Promotes milk quality with weight on volume
- Places strong emphasis on fertility
- Selects for reduced maintenance costs
- Improves udder and leg health
- Places a strong emphasis on longevity
- Promotes easier calving
- Protects functional type - Feet & Legs and Udders

Management Trait Details

Fertility Index

A bull with an above average Fertility Index will breed cows with improved calving intervals and better non-return levels. As a rough guideline, every point increase in Fertility Index will decrease calving interval by 0.6 of a day and improve non return rates by 0.25%. The range in Fertility Index is roughly from +15 to -15 with an average for available Holsteins of -0.5.

Lifespan

Lifespan PTAs present the opportunity to select animals for longer herd life. A bull with a PTA of +0.5 lactations is predicted to pass on to a daughter an extra half a lactation. A bull with a PTA of -0.5 lactations is predicted to pass on a reduction of 0.5 lactations.

Somatic Cell Count

Somatic cell count PTAs are expressed as a percentage and generally fall within the range of +40 to -40. For every 1% in a bull's SCC PTA, a change of 1% in his daughters' SCC is predicted. For example, daughters of a bull with a -10% SCC are expected to have cell counts 10% lower than daughters of a bull with a SCC PTA of zero. So, negative figures for SCC PTAs are desirable as these indicate a reduction in cell counts.

Mastitis PTA

The Mastitis PTA is published on a scale ranging roughly from -5 to +5 and is expressed as a percentage. Similar to SCC, negative values are favourable for mastitis. This means that for every percent decrease in a bull's Mastitis PTA there will be a corresponding one percent decrease in his daughters' mastitis cases. This translates into, on average, 10 fewer cows with mastitis per year in a herd of 100 cows if a -5 mastitis bull is used instead of a +5 mastitis bull.

TB Advantage

The TB Advantage index indicates the degree of resistance to bTB a bull is predicted to pass on to his offspring and is expressed on a scale which typically runs from -3 to +3 and as for most other traits, positive values are desired. For every +1 point in the index, 1% fewer daughters are expected to become infected during a TB breakdown.

Lameness Advantage

Lameness Advantage PTAs can be used to reduce cases of lameness in the herd. These PTAs are expressed as a percentage and range from -5% to +5%. For every 1% change in a bull's Lameness Advantage PTA, a change of 1% of daughters becoming lame per lactation. For example, a bull with a +5% Lameness Advantage is expected to have 5% less cases of lameness in his daughters per lactation compared to a 0% PTA bull.

Maintenance

The Maintenance trait is based on measures of stature, chest width, body depth and angularity. Genetic trends for these body traits, as well as the associated maintenance, are continuing to show an undesirable upward trend. The Maintenance PTAs for bull range from approximately +50kg to -50kg with a lower value being more desirable.

Calf Survival

The Calf Survival PTA can be used to improve calf survival rates between tagging and 10 months of age by selecting bulls with above zero CS PTAs. The typical range of CS PTA goes from -6% to +6%, which gives a full 12 percent difference in survival probability between the worst and best bulls.

Direct Calving Ease

The Direct Calving Ease PTA gives a prediction of the ease with which a calf by that sire will be born. The index is expressed as percent Easy Calvings on a scale of about -3 to +3 and are centred around a breed average of 0, with positive figures indicating that calvings are predicted to be easier than average and negative figures predicting more difficult calvings.



Holstein Sires PTA August 2018

Bull Name	PLI £	Milk Kg	Fat Kg	Fat %	Protein Kg	Protein %	Combined Fat and Protein Kg	ACI £	Pedigree	Page
Akeam	£662	+557	+32.0	+0.12	+24.1	+0.12	+56.1	£532	AltaSpring X Supersire	5
Ambassador ♦	£655	+703	+26.1	-0.02	+26.9	+0.05	+53.0	£538	Troy X Supersire	6
Barbarossa	£725	+717	+36.2	+0.09	+30.9	+0.09	+67.1	£563	Balisto X Brewmaster	7
Black Jack	£646	+661	+28.9	+22.8	+0.03	+0.02	+51.7	£517	Supershot X Numero Uno	8
Born P	£711	+509	+30.2	+0.12	+26.1	+0.12	+56.3	£520	Battlecry X Aiko	9
Bouncer ♦	£778	+473	+27.2	+0.10	+26.4	+0.13	+53.6	£650	Brentano X Jasper	10
Bretagne	£554	+523	+27.5	+0.08	+20.4	+0.04	+47.9	£434	Brekem X Dakker	11
Brook ♦	£849	+501	+41.0	+0.25	+25.6	+0.11	+66.6	£709	Balisto X Denim	12
Emoji ♦	£614	+469	+25.3	+0.08	+20.6	+0.07	+45.9	£490	Bandares X Pure	13
Handle	£666	+776	+44.6	+0.16	+27.9	+0.03	+72.5	£696	Blowtorch X Supersire	14
Hotspot ♦	£826	+855	+40.4	+0.08	+37.4	+0.11	+77.8	£646	Superhero X Powerball	15
Levis	£619	+540	+23.6	+0.03	+22.9	+0.06	+46.5	£517	Mardi Gras X Epic	16
Montoya ♦	£677	+1088	+44.5	+0.02	+35.9	+0.01	+80.4	£474	AltaMoreno X Supersire	17
Netscape ♦	£695	+601	+30.5	+0.08	+26.3	+0.08	+56.8	£617	Solaris X Mardigras	18
Nihao ♦	£732	+898	+41.1	+0.07	+30.9	+0.02	+72.0	£557	Montana X Supersire	19
Nitro ♦	£752	+628	+36.8	+0.14	+23.7	+0.04	+60.5	£624	Modesty X Kingboy	20
Praser ♦	£712	+261	+28.7	+0.23	+21.6	+0.16	+50.3	£629	Penmanship X Bay MVP	21
Ranger	£645	+576	+32.7	+0.12	+25.9	+0.09	+58.6	£494	Reflector X Snowfever	22
Recoil ♦	£735	+688	+23.4	-0.04	+26.7	+0.05	+50.1	£607	AltaSpring X Jacey	23
Skyline	£680	+449	+30.7	+0.16	+27.9	+0.16	+58.6	£576	Barclay X Vitesse	24
Topshot ♦	£729	+902	+36.5	+0.01	+30.9	+0.02	+67.4	£557	Supershot X AltaEmbassy	25
Velvet	£672	+688	+42.7	+0.18	+25.3	+0.04	+68.0	£482	Hotline X AltaSpring	26
Abel ♦	£589	+462	+26.7	+0.10	+18.2	+0.04	+44.9	£480	Jerod X Mogul	27
Cabriolet ♦♦	£679	+659	+39.6	+0.16	+24.0	+0.16	+63.6	£542	Robust X Planet	27
Massey ♦	£360	+452	+14.6	-0.04	+17.8	+0.04	+32.4	£252	Mascol X Bret	28
Omen	£535	+80	+18.4	+0.19	+17.7	+0.19	+36.1	£467	O-Man X Goldwyn	28
Troy	£521	+422	+16.7	+0.00	+15.0	+0.02	+31.7	£448	Mogul X Freddie	29
Whatsapp	£567	+340	+17.9	+0.06	+14.2	+0.04	+32.1	£489	Supersire X Superstition	29

♦ Sexed Semen Available

♦♦ Sexed Semen Only

Contents

Friesian	30
Ayrshire	33
Montbelliarde	35
Jersey	37

Danish Red	38
Fleckvieh	39
Brown Swiss	40
Normandy	40
Beef for the Dairy Herd	42

A i Services presents the **Top 10 Rankings for the Holstein Sires in this Catalogue**. It is recommended you use the sire rankings only as a guide in your selections.

PLI		
1	Brook	£849
2	Hotspot	£826
3	Bouncer	£778
4	Nitro	£752
5	Recoil	£735
6	Nihao	£732
7	Topshot	£729
8	Barbarossa	£725
9	Praser	£712
10	Born P	£711

Milk Kgs		
1	Montoya	+1088
2	Topshot	+902
3	Nihao	+898
4	Hotspot	+855
5	Handle	+776
6	Barbarossa	+717
7	Ambassador	+703
8	Recoil	+688
9	Velvet	+688
10	Black Jack	+661

Fat + Protein Kgs		
1	Montoya	+80.4
2	Hotspot	+77.8
3	Handle	+72.5
4	Nihao	+72.0
5	Velvet	+68.0
6	Topshot	+67.4
7	Barborossa	+67.1
8	Brook	+66.6
9	Nitro	+60.5
10	Ranger	+58.6

Fat %		
1	Brook	+0.25
2	Praser	+0.23
3	Velvet	+0.18
4	Handle	+0.16
5	Skyline	+0.16
6	Nitro	+0.14
7	Ranger	+0.12
8	Born P	+0.12
9	Akeam	+0.12
10	Bouncer	+0.10

Protein %		
1	Praser	+0.16
2	Skyline	+0.16
3	Bouncer	+0.13
4	Born P	+0.12
5	Brook	+0.11
6	Hotspot	+0.11
7	Ranger	+0.09
8	Barbarossa	+0.09
9	Netscape	+0.08
10	Akeam	+0.07

Direct Calving Ease		
1	Bouncer	+1.1
2	Praser	+0.9
3	Ranger	+0.9
4	Ambassador	+0.9
5	Brook	+0.8
6	Omen	+0.7
7	Skyline	+0.6
8	Levis	+0.6
9	Bretagne	+0.6
10	Hotspot	+0.5

Type Merit		
1	Velvet	+2.99
2	Recoil	+2.89
3	Ranger	+2.46
4	Emoji	+2.46
5	Nihao	+2.28
6	Akeam	+2.15
7	Skyline	+2.14
8	Abel	+2.10
9	Black Jack	+1.98
10	Hotspot	+1.91

Fertility		
1	Praser	+14.7
2	Recoil	+13.6
3	Levis	+12.9
4	Abel	+11.6
5	Nitro	+11.5
6	Netscape	+10.3
7	Ambassador	+9.3
8	Emoji	+9.1
9	Brook	+8.5
10	Hotspot	+8.4

Mammary		
1	Velvet	+2.86
2	Emoji	+2.68
3	Bretagne	+2.26
4	Recoil	+2.24
5	Handle	+2.02
6	Hotspot	+1.90
7	Akeam	+1.79
8	Montoya	+1.71
9	Ranger	+1.65
10	Black Jack	+1.62

Feet & Legs		
1	Velvet	+2.17
2	Ranger	+1.92
3	Recoil	+1.67
4	Levis	+1.63
5	Hotspot	+1.51
6	Nitro	+1.51
7	Skyline	+1.51
8	Akeam	+1.31
9	Montoya	+1.24
10	Barbarossa	+1.19

Somatic Cell Count		
1	Brook	-37
2	Bouncer	-32
3	Velvet	-27
4	Black Jack	-24
5	Born P	-24
6	Barbarossa	-23
7	Nitro	-20
8	Netscape	-20
9	Nihao	-18
10	Topshot	-18

Lifespan		
1	Brook	+0.7
2	Born P	+0.7
3	Bouncer	+0.6
4	Nitro	+0.6
5	Praser	+0.6
6	Emoji	+0.6
7	Recoil	+0.6
8	Ambassador	+0.6
9	Black Jack	+0.5
10	Nihao	+0.5

Assessing Inbreeding

A degree of inbreeding always occurs when animals related to one another are mated as a result of a concentration of the same genes. See table to the right for Inbreeding Levels.

Rule of Thumb

Commercial producers should avoid matings leading to an inbreeding level of greater than 6.25%.



Mating

Inbreeding %

Sire/Daughter	25%
Full brother/Full sister	25%
Half brother/Half sister	12.5%
Grandsire/Grand-daughter	12.5%
Grandson/Grand-dam	12.5%
Uncle/Niece	6.25%
Son/Grand-daughter	6.25%
Daughter/Grandson	6.25%
Full cousins	6.25%
Granson/Grand-daughter	3.13%
Half cousins	3.13%



3 Dam: Co-Op Zade Lana April-ET

Holstein Genomic Production Proof

DairyCo Breeding+

PTA August 2018

PLI	£662
Milk Kg	+557
Fat Kg	+32.0
Fat %	+0.12
Protein Kg	+24.1
Protein %	+0.07
Reliability	68%

Young Genomic Pedigree Index

Highlights

- **Strong Robust Cows**
- **Excellent Udders**
- **Improves Rump Width with good Rump Angle**
- **Very good all round sire**



Type



New



Health Traits

MANAGEMENT

Fertility Index	+8.2	
	Improver	
Lifespan	+0.5	
	Improver	
Somatic Cell Count	-14	
	Improver	
Mastitis Resistance	-1	
	Improver	
TB Advantage	+2.3	
	Desirable	
Lameness Advantage	+2.7	
	Improver	
Maintenance	+12	
	Desirable	
Calf Survival	+2.9	
	Improver	
Direct Calving Ease	-0.7	
	Easy	

YOUNG GENOMIC PEDIGREE INDEX

Holstein UK & Ireland 08/18

Type Merit	+2.15	Excellent
Mammary	+1.79	Excellent
Legs & Feet	+1.31	Excellent
Stature	+0.76	160 cm
Chest Width	+0.81	Wide
Body Depth	-0.28	Deep
Angularity	+0.27	Open Rib
Rump Angle	+0.75	Low Pins
Rump Width	+0.84	Wide
Rear Leg Side	-0.37	Sickled
Foot Angle	+0.45	Steep
Fore Udder Att	+1.35	Tight
Rear Udder Ht	+1.57	Very High
Udder Support	+1.83	Strong
Udder Depth	+1.65	20cm Above
Front Teat Pl.	+1.17	Close
Teat Length	-0.54	Long
Rear Teat Pl.	+1.76	Close
Teat Pos. Side	+0.49	Apart
Temperament	+0.42	Good
Ease of Milk	+0.19	Fast
Locomotion	+1.30	Excellent

-2

+2

AMBASSADOR

GENEX™

HB No: 65003126539693

Troy X Supersire X Superstition

Beta-Casein: A2A2

AI Code: HO4589

Source: USA

DOB: 11.01.15

Co-Op Troy Ambassador ET



Dam: Co-Op Suprsre Apple 7087-ET

Holstein Genomic Production Proof

DairyCo Breeding+

PTA August 2018

PLI	£655
Milk Kg	+703
Fat Kg	+26.1
Fat %	-0.02
Protein Kg	+26.9
Protein %	+0.05
Reliability	65%

Young Genomic Pedigree Index

Highlights

- *Exciting Troy son from Supersire X Superstition*
- *Excellent Milk Production sire, with Components to match*
- *Very good Daughter Fertility with Excellent Lifespan*



Sexed



Calving Ease



Health Traits

MANAGEMENT

Fertility Index	+9.3	
	Improver	
Lifespan	+0.6	
	Improver	
Somatic Cell Count	-8	
	Improver	
Mastitis Resistance	-1	
	Improver	
TB Advantage	+1.8	
	Desirable	
Lameness Advantage	+1.6	
	Improver	
Maintenance	-3	
	Desirable	
Calf Survival	+1.1	
	Improver	
Direct Calving Ease	+0.9	
	Easy	

YOUNG GENOMIC PEDIGREE INDEX

Holstein UK & Ireland 08/18

Type Merit	+1.12		Excellent
Mammary	+1.04		Excellent
Legs & Feet	+0.67		Excellent
Stature	-0.22		160 cm
Chest Width	-0.04		Wide
Body Depth	-1.07		Deep
Angularity	-0.06		Open Rib
Rump Angle	+0.71		Low Pins
Rump Width	-0.33		Wide
Rear Leg Side	-0.85		Sickled
Foot Angle	+0.41		Steep
Fore Udder Att	+0.69		Tight
Rear Udder Ht	+0.70		Very High
Udder Support	+0.99		Strong
Udder Depth	+0.66		20cm Above
Front Teat Pl.	+0.46		Close
Teat Length	-0.65		Long
Rear Teat Pl.	+1.61		Close
Teat Pos. Side	+0.43		Apart
Temperament	+1.07		Good
Ease of Milk	+0.83		Fast
Locomotion	+0.79		Excellent

-2

+2

BARBAROSSA

Barbarossa ET



HB No: 60001603476033

Balisto X Brewmaster X Man-O-Man

AI Code: HO4407

Source: Germany

DOB: 27.12.14



Holstein Genomic Production Proof

DairyCo Breeding+

PTA August 2018

PLI	£725
Milk Kg	+717
Fat Kg	+36.2
Fat %	+0.09
Protein Kg	+30.9
Protein %	+0.09
Reliability	65%

Young Genomic Pedigree Index

Highlights

- Ranks highly in the Top PLI Sires
- Massive Milk Production sire, with over +67 Kgs of Fat and Protein
- Excellent Legs and Feet improvement with very good Locomotion

✓ Robotic Milking

✓ Health Traits

✓ Calving Ease

MANAGEMENT

Fertility Index	+3.5
Lifespan	+0.4
Somatic Cell Count	-23
Mastitis Resistance	-3
TB Advantage	+2.7
Lameness Advantage	+1.7
Maintenance	-2
Calf Survival	+0.8
Direct Calving Ease	+0.1

YOUNG GENOMIC PEDIGREE INDEX

Holstein UK & Ireland 08/18

Type Merit	+1.30	Excellent
Mammary	+0.90	Excellent
Legs & Feet	+1.19	Excellent
Stature	-0.03	160 cm
Chest Width	+0.12	Wide
Body Depth	+0.59	Deep
Angularity	+1.41	Open Rib
Rump Angle	-1.51	Low Pins
Rump Width	+0.07	Wide
Rear Leg Side	-0.55	Sickled
Foot Angle	+0.97	Steep
Fore Udder Att	+0.77	Tight
Rear Udder Ht	+1.29	Very High
Udder Support	-0.02	Strong
Udder Depth	+0.40	20cm Above
Front Teat Pl.	+0.30	Close
Teat Length	-0.31	Long
Rear Teat Pl.	-0.74	Close
Teat Pos. Side	-0.36	Apart
Temperament	+0.46	Good
Ease of Milk	+0.45	Fast
Locomotion	+1.22	Excellent

-2

+2

BLACK JACK

Co-Op Aardema Black Jack-ET

GENEX

HB No: 65003129037702

Supershot X Numero Uno X Planet

AI Code: HO4582

Source: USA

DOB: 10.03.15



Dam: Co-Op Uno Classy

Holstein Genomic Production Proof

DairyCo Breeding+

PTA August 2018

PLI	£646
Milk Kg	+661
Fat Kg	+28.9
Fat %	+0.03
Protein Kg	+22.8
Protein %	+0.02
Reliability	68%

Young Genomic Pedigree Index

Highlights

- *High Ranking PLI sire from a Renowned and Proven cow family*
- *Type Improver, without increasing Stature*
- *Snugly Attached Udders*
- *Adds Rump Width*



Health Traits



Type

MANAGEMENT		
Fertility Index	+8.4	
		Improver
Lifespan	+0.5	
		Improver
Somatic Cell Count	-24	
		Improver
Mastitis Resistance	-3	
		Improver
TB Advantage	+2.1	
		Desirable
Lameness Advantage	+1.1	
		Improver
Maintenance	+5	
		Desirable
Calf Survival	+1.6	
		Improver
Direct Calving Ease	-0.3	
		Easy

YOUNG GENOMIC PEDIGREE INDEX

Holstein UK & Ireland 08/18

Type Merit	+1.98	Excellent
Mammary	+1.62	Excellent
Legs & Feet	+0.97	Excellent
Stature	+0.19	160 cm
Chest Width	+0.37	Wide
Body Depth	-0.88	Deep
Angularity	-0.37	Open Rib
Rump Angle	+0.31	Low Pins
Rump Width	+1.26	Wide
Rear Leg Side	+0.03	Sickled
Foot Angle	-0.18	Steep
Fore Udder Att	+1.76	Tight
Rear Udder Ht	+1.19	Very High
Udder Support	+0.86	Strong
Udder Depth	+1.30	20cm Above
Front Teat Pl.	+0.55	Close
Teat Length	-0.52	Long
Rear Teat Pl.	+0.72	Close
Teat Pos. Side	+0.12	Apart
Temperament	+0.89	Good
Ease of Milk	+0.20	Fast
Locomotion	+1.29	Excellent

-2

+2

BORN P

Wilder Born P ET



HB No: 60000539063836
Battlecry X Aiko X Colt
Beta-Casein: A2A2

AI Code: HO5077
Source: Germany
DOB: 05.02.16



Holstein Genomic Production Proof

DairyCo Breeding+

PTA August 2018

PLI	£711
Milk Kg	+509
Fat Kg	+30.2
Fat %	+0.12
Protein Kg	+26.1
Protein %	+0.12
Reliability	67%

Young Genomic Pedigree Index

Highlights

- One of the most complete sires available
- Excellent weights of Fat and Protein with double digit percentages
- Improves Teat Length
- +0.7 Lifespan = 210 extra days Longevity

✓ Robotic Milking

✓ Health Traits

✓ Polled Genetics

MANAGEMENT

Fertility Index	+7.7	
		Improver
Lifespan	+0.7	
		Improver
Somatic Cell Count	-24	
		Improver
Mastitis Resistance	-4	
		Improver
TB Advantage	+1.5	
		Desirable
Lameness Advantage	+1.4	
		Improver
Maintenance	+16	
		Desirable
Calf Survival	+1.1	
		Improver
Direct Calving Ease	-0.7	
		Easy

YOUNG GENOMIC PEDIGREE INDEX

Holstein UK & Ireland 08/18

Type Merit	+1.46		Excellent
Mammary	+0.95		Excellent
Legs & Feet	+1.03		Excellent
Stature	+0.99		160 cm
Chest Width	+0.90		Wide
Body Depth	+0.06		Deep
Angularity	-0.27		Open Rib
Rump Angle	+0.01		Low Pins
Rump Width	+0.87		Wide
Rear Leg Side	-0.14		Sickled
Foot Angle	+0.87		Steep
Fore Udder Att	+1.00		Tight
Rear Udder Ht	+0.51		Very High
Udder Support	+0.44		Strong
Udder Depth	+1.37		20cm Above
Front Teat Pl.	-0.15		Close
Teat Length	+1.12		Long
Rear Teat Pl.	-0.30		Close
Teat Pos. Side	-0.16		Apart
Temperament	+0.27		Good
Ease of Milk	-0.33		Fast
Locomotion	+1.21		Excellent

-2

+2

BOUNCER

Delta Bouncer



HB No: 63000944581881
Brentano X Jasper X Titanium

AI Code: HO5220
Source: Holland
DOB: 22.07.16



Holstein Genomic Production Proof

DairyCo Breeding+

PTA August 2018

PLI	£778
Milk Kg	+473
Fat Kg	+27.2
Fat %	+0.10
Protein Kg	+26.4
Protein %	+0.13
Reliability	67%

Young Genomic Pedigree Index

Highlights

- High Ranking PLI Sire
- Tremendous improvement in all the management traits
- Excellent sire for improving udders
- Positive component percentages



New



Sexed



Robotic Milking



Outcross Pedigree

MANAGEMENT

Fertility Index	+7.9	
	Improver	
Lifespan	+0.6	
	Improver	
Somatic Cell Count	-32	
	Improver	
Mastitis Resistance	-4	
	Improver	
TB Advantage	+0.6	
	Desirable	
Lameness Advantage	+2.3	
	Improver	
Maintenance	-5	
	Desirable	
Calf Survival	+0.8	
	Improver	
Direct Calving Ease	+1.1	
	Easy	

YOUNG GENOMIC PEDIGREE INDEX

Holstein UK & Ireland 08/18

Type Merit	+1.38	Excellent
Mammary	+1.12	Excellent
Legs & Feet	+0.96	Excellent
Stature	-0.58	160 cm
Chest Width	-0.06	Wide
Body Depth	-0.86	Deep
Angularity	-0.39	Open Rib
Rump Angle	+0.12	Low Pins
Rump Width	+0.45	Wide
Rear Leg Side	-0.95	Sickled
Foot Angle	+0.73	Steep
Fore Udder Att	+1.05	Tight
Rear Udder Ht	+1.88	Very High
Udder Support	+0.49	Strong
Udder Depth	+0.98	20cm Above
Front Teat Pl.	+0.28	Close
Teat Length	-0.29	Long
Rear Teat Pl.	-0.56	Close
Teat Pos. Side	-0.06	Apart
Temperament	+0.61	Good
Ease of Milk	+0.01	Fast
Locomotion	+1.29	Excellent

-2

+2

BRETAGNE

Bretagne ET



HB No: 6000538599944
Brekem X Dakker X Destry
Beta-Casein: A1A2

AI Code: HO4590
Source: Germany
DOB: 17.02.15



4 Dam: KHW Regiment Apple Red ET EX96

Holstein Genomic Production Proof

DairyCo Breeding+

PTA August 2018

PLI	£554
Milk Kg	+523
Fat Kg	+27.5
Fat %	+0.08
Protein Kg	+20.4
Protein %	+0.04
Reliability	65%

Young Genomic Pedigree Index

Highlights

- An exciting Red and White Sire from the Renowned KHW Regiment Apple Red Cow Family
- Excellent Type Merit, with Production to Match
- Fantastic Udder Improvement
- Positive in all Health Traits

- ✓ Red Genetics
- ✓ High Production
- ✓ Calving Ease
- ✓ Excellent Daughter Fertility

MANAGEMENT

Fertility Index	+6.6	
	Improver	
Lifespan	+0.4	
	Improver	
Somatic Cell Count	-13	
	Improver	
Mastitis Resistance	-1	
	Improver	
TB Advantage	+0.6	
	Desirable	
Lameness Advantage	+2.0	
	Improver	
Maintenance	+7	
	Desirable	
Calf Survival	+1.7	
	Improver	
Direct Calving Ease	+0.6	
	Easy	

YOUNG GENOMIC PEDIGREE INDEX

Holstein UK & Ireland 08/18

Type Merit	+1.80	Excellent
Mammary	+2.26	Excellent
Legs & Feet	+1.05	Excellent
Stature	+1.44	160 cm
Chest Width	-0.55	Wide
Body Depth	-0.54	Deep
Angularity	+0.65	Open Rib
Rump Angle	-0.68	Low Pins
Rump Width	+0.41	Wide
Rear Leg Side	-0.13	Sickled
Foot Angle	+0.55	Steep
Fore Udder Att	+1.92	Tight
Rear Udder Ht	+1.82	Very High
Udder Support	+0.98	Strong
Udder Depth	+2.16	20cm Above
Front Teat Pl.	+0.50	Close
Teat Length	-0.03	Long
Rear Teat Pl.	-0.48	Close
Teat Pos. Side	+0.68	Apart
Temperament	+0.46	Good
Ease of Milk	+0.42	Fast
Locomotion	+1.05	Excellent

-2

+2

BROOK

VH Balisto Brook



HB No: 61000000258184
Balisto X Denim X Ramos
Beta-Casein: A2A2

AI Code: HO4621
Source: Denmark
DOB: 08.03.15



Holstein Genomic Production Proof

DairyCo Breeding+	PTA August 2018
PLI	£849
Milk Kg	+501
Fat Kg	+41.0
Fat %	+0.25
Protein Kg	+25.6
Protein %	+0.11
Reliability	69%

Young Genomic Pedigree Index

Highlights

- No. 4 in the Top UK PLI Sires
- Massive components with +66.6 Kgs and double digit percentages
- Positive Fertility Index at +8.5
- Positive Lifespan at +0.7 = extra 210 Days Longevity

- ✓ Sexed
- ✓ Health Traits
- ✓ Calving Ease
- ✓ Robotic Milking

MANAGEMENT

Fertility Index	+8.5	
	Improver	
Lifespan	+0.7	
	Improver	
Somatic Cell Count	-37	
	Improver	
Mastitis Resistance	-6	
	Improver	
TB Advantage	+2.4	
	Desirable	
Lameness Advantage	+2.5	
	Improver	
Maintenance	+3	
	Desirable	
Calf Survival	+0.8	
	Improver	
Direct Calving Ease	+0.8	
	Easy	

YOUNG GENOMIC PEDIGREE INDEX

Holstein UK & Ireland 08/18

Type Merit	+1.30	Excellent
Mammary	+0.75	Excellent
Legs & Feet	+0.65	Excellent
Stature	-0.02	160 cm
Chest Width	+0.55	Wide
Body Depth	+0.0	Deep
Angularity	+0.50	Open Rib
Rump Angle	+0.26	Low Pins
Rump Width	-0.19	Wide
Rear Leg Side	+0.01	Sickled
Foot Angle	+0.86	Steep
Fore Udder Att	+1.06	Tight
Rear Udder Ht	+0.42	Very High
Udder Support	-0.14	Strong
Udder Depth	+0.80	20cm Above
Front Teat Pl.	+0.21	Close
Teat Length	+0.37	Long
Rear Teat Pl.	-1.23	Close
Teat Pos. Side	-0.46	Apart
Temperament	+0.57	Good
Ease of Milk	+0.00	Fast
Locomotion	+0.74	Excellent

-2

+2



MGD: Sandy-Valley Morgan Era

Holstein Genomic Production Proof

DairyCo Breeding+

PTA August 2018

PLI	£614
Milk Kg	+469
Fat Kg	+25.3
Fat %	+0.08
Protein Kg	+20.6
Protein %	+0.07
Reliability	67%

Young Genomic Pedigree Index

Highlights

- *Emoji combines type, production and health traits in one package*
- *Fantastic mammary score at +2.68*
- *Wide rumps with strong chest width*
- *Excellent locomotion*



New



Sexed



Type



Health Traits

MANAGEMENT

Fertility Index	+9.1	
	Improver	
Lifespan	+0.6	
	Improver	
Somatic Cell Count	-16	
	Improver	
Mastitis Resistance	-2	
	Improver	
TB Advantage	-0.6	
	Desirable	
Lameness Advantage	+2.8	
	Improver	
Maintenance	+16	
	Desirable	
Calf Survival	+1.3	
	Improver	
Direct Calving Ease	-0.9	
	Easy	

YOUNG GENOMIC PEDIGREE INDEX

Holstein UK & Ireland 08/18

Type Merit	+2.46	Excellent
Mammary	+2.68	Excellent
Legs & Feet	+0.9	Excellent
Stature	+1.04	160 cm
Chest Width	+1.01	Wide
Body Depth	+0.10	Deep
Angularity	+0.16	Open Rib
Rump Angle	-0.20	Low Pins
Rump Width	+1.64	Wide
Rear Leg Side	-0.50	Sickled
Foot Angle	+0.38	Steep
Fore Udder Att	+3.02	Tight
Rear Udder Ht	+2.42	Very High
Udder Support	+1.38	Strong
Udder Depth	+2.84	20cm Above
Front Teat Pl.	+1.05	Close
Teat Length	-0.48	Long
Rear Teat Pl.	+0.99	Close
Teat Pos. Side	+0.13	Apart
Temperament	+0.74	Good
Ease of Milk	+1.79	Fast
Locomotion	+1.10	Excellent

-2

+2

HANDLE

AOT Blowtorch Handle-ET

GENEX™

HB No: 65003141135006

Blowtorch X Supersire X Oman

Beta-Casein: A1A2

Source:

USA

DOB:

26.02.17



Cookiecutter Sire Has-ETVG87

Holstein Genomic Production Proof

DairyCo Breeding+

PTA August 2018

PLI	£666
Milk Kg	+776
Fat Kg	+44.6
Fat %	+0.16
Protein Kg	+27.9
Protein %	+0.03
Reliability	67%

Young Genomic Pedigree Index

Highlights

- Massive improvement in Fat Kgs
- Excels in all udder traits
- +72.5 Kg combined Fat and Protein
- Improves body strength
- 9 Generations of VG/EX



New



Health Traits



Type

MANAGEMENT

Fertility Index	+4.5	
	Improver	
Lifespan	+0.3	
	Improver	
Somatic Cell Count	-14	
	Improver	
Mastitis Resistance	-2	
	Improver	
TB Advantage	+1.2	
	Desirable	
Lameness Advantage	+1.4	
	Improver	
Maintenance	+15	
	Desirable	
Calf Survival	+2.6	
	Improver	
Direct Calving Ease	-1.1	
	Easy	

YOUNG GENOMIC PEDIGREE INDEX

Holstein UK & Ireland 08/18

Type Merit	+1.65	Excellent
Mammary	+2.02	Excellent
Legs & Feet	+0.98	Excellent
Stature	+1.53	160 cm
Chest Width	+0.52	Wide
Body Depth	+0.85	Deep
Angularity	+1.12	Open Rib
Rump Angle	-0.85	Low Pins
Rump Width	+0.16	Wide
Rear Leg Side	-0.01	Sickled
Foot Angle	+0.06	Steep
Fore Udder Att	+1.40	Tight
Rear Udder Ht	+2.20	Very High
Udder Support	+2.16	Strong
Udder Depth	+1.26	20cm Above
Front Teat Pl.	+1.56	Close
Teat Length	-0.32	Long
Rear Teat Pl.	+1.80	Close
Teat Pos. Side	+0.39	Apart
Temperament	+1.38	Good
Ease of Milk	+1.12	Fast
Locomotion	+1.40	Excellent

-2

+2

HOTSPOT

Wilder Hotspot P ET



HB No: 60000539675034
Superhero X Powerball X Saloon
Beta-Casein: A1A2

AI Code: HO5562
Source: Germany
DOB: 17.01.17



Holstein Genomic Production Proof

DairyCo Breeding+

PTA August 2018

PLI	£826
Milk Kg	+855
Fat Kg	+40.4
Fat %	+0.08
Protein Kg	+37.4
Protein %	+0.11
Reliability	63%

Young Genomic Pedigree Index

Highlights

- Ranked in the Top 10 available PLI Sires
- Masive production in both Milk Kgs and Component Kgs
- Used as a sire of sons
- Polled genetics
- Impressive Type improvement



New



Sexed



Type



Health Traits

MANAGEMENT

Fertility Index	+8.4	
Lifespan	+0.4	Improver
Somatic Cell Count	-10	Improver
Mastitis Resistance	-1	Improver
TB Advantage	+1.7	Desirable
Lameness Advantage	+2.6	Improver
Maintenance	+8	Desirable
Calf Survival	+2.3	Improver
Direct Calving Ease	+0.5	Easy

YOUNG GENOMIC PEDIGREE INDEX

Holstein UK & Ireland 08/18

Type Merit	+1.91	Excellent
Mammary	+1.90	Excellent
Legs & Feet	+1.51	Excellent
Stature	+1.31	160 cm
Chest Width	-0.14	Wide
Body Depth	+0.02	Deep
Angularity	+1.13	Open Rib
Rump Angle	-0.16	Low Pins
Rump Width	+1.20	Wide
Rear Leg Side	-0.72	Sickled
Foot Angle	+0.78	Steep
Fore Udder Att	+1.53	Tight
Rear Udder Ht	+1.76	Very High
Udder Support	+1.33	Strong
Udder Depth	+1.25	20cm Above
Front Teat Pl.	+0.68	Close
Teat Length	+0.08	Long
Rear Teat Pl.	+0.61	Close
Teat Pos. Side	+1.17	Apart
Temperament	+1.07	Good
Ease of Milk	+1.35	Fast
Locomotion	+1.45	Excellent

-2

+2

Holstein Sires

Sexed Holsteins

LEVIS

Levis



HB No: 71004931269594

Mardi Gras X Epic X Thelo

Beta Casein: A2A2

AI Code: HO4476

Source: France

DOB: 04.02.15



Holstein Genomic Production Proof

DairyCo Breeding+

PTA August 2018

PLI	£619
Milk Kg	+540
Fat Kg	+23.6
Fat %	+0.03
Protein Kg	+22.9
Protein %	+0.06
Reliability	69%
Young Genomic Pedigree Index	

Highlights

- *Levis combines Production, Type and Management Traits all in one Package*
- *Strong Chests with wide Rumps and negative Angularity*
- *Snugly Attached Udders*
- *Ideal for Robotic Milking Schemes*

- ✓ *Calving Ease*
- ✓ *Robotic Milking*
- ✓ *Type*

MANAGEMENT

Fertility Index	+12.9	
	Improver	
Lifespan	+0.5	
	Improver	
Somatic Cell Count	-7	
	Improver	
Mastitis Resistance	-1	
	Improver	
TB Advantage	+2.0	
	Desirable	
Lameness Advantage	+0.9	
	Improver	
Maintenance	+15	
	Desirable	
Calf Survival	+2.3	
	Improver	
Direct Calving Ease	+0.6	
	Easy	

YOUNG GENOMIC PEDIGREE INDEX

Holstein UK & Ireland 08/18

Type Merit	+1.88	Excellent
Mammary	+1.10	Excellent
Legs & Feet	+1.63	Excellent
Stature	+0.86	160 cm
Chest Width	+1.00	Wide
Body Depth	-0.30	Deep
Angularity	-0.43	Open Rib
Rump Angle	+1.55	Low Pins
Rump Width	+0.52	Wide
Rear Leg Side	-0.55	Sickled
Foot Angle	+0.94	Steep
Fore Udder Att	+1.74	Tight
Rear Udder Ht	+1.00	Very High
Udder Support	-0.51	Strong
Udder Depth	+1.93	20cm Above
Front Teat Pl.	+0.42	Close
Teat Length	-0.25	Long
Rear Teat Pl.	-0.88	Close
Teat Pos. Side	-0.70	Apart
Temperament	+0.76	Good
Ease of Milk	+1.37	Fast
Locomotion	+1.87	Excellent

-2

+2

MONTOYA

Peak AltaMontoya ET



HB No: 65003134407079
AltaMoreno X Supersire X Mogul

AI Code: HO5225
Source: USA
DOB: 06.08.16



Dam: Lismore Misty

Holstein Genomic Production Proof

DairyCo Breeding+

PTA August 2018

PLI	£677
Milk Kg	+1088
Fat Kg	+44.5
Fat %	+0.02
Protein Kg	+35.9
Protein %	+0.01
Reliability	67%

Young Genomic Pedigree Index

Highlights

- One of the top production sires available
- Over +1000 Kgs milk with 80 kg Fat + Protein
- Fantastic overall linear traits
- Improves all management traits



Sexed



New



Type

MANAGEMENT

Fertility Index	+4.2	
Lifespan	+0.3	Improver
Somatic Cell Count	-13	Improver
Mastitis Resistance	-1	Improver
TB Advantage	+1.6	Desirable
Lameness Advantage	+1.7	Improver
Maintenance	+24	Desirable
Calf Survival	+1.1	Improver
Direct Calving Ease	-0.7	Easy

YOUNG GENOMIC PEDIGREE INDEX

Holstein UK & Ireland 08/18

Type Merit	+1.54	Excellent
Mammary	+1.71	Excellent
Legs & Feet	+1.24	Excellent
Stature	+2.28	160 cm
Chest Width	+1.04	Wide
Body Depth	+1.05	Deep
Angularity	+1.67	Open Rib
Rump Angle	+0.86	Low Pins
Rump Width	+1.42	Wide
Rear Leg Side	-0.28	Sickled
Foot Angle	0.78	Steep
Fore Udder Att	+1.60	Tight
Rear Udder Ht	+1.89	Very High
Udder Support	+1.12	Strong
Udder Depth	+1.17	20cm Above
Front Teat Pl.	+1.24	Close
Teat Length	+0.04	Long
Rear Teat Pl.	+1.46	Close
Teat Pos. Side	+0.41	Apart
Temperament	+1.44	Good
Ease of Milk	+0.30	Fast
Locomotion	+1.24	Excellent

-2

+2

Holstein Sires

Sexed Holsteins

NETSCAPE

Bianfrie Netscape



HB No: 71005027780438
Solaris X Mardigras X Beacon End

Source: France
DOB: 08.02.17



Holstein Genomic Production Proof

DairyCo Breeding+

PTA August 2018

PLI	£695
Milk Kg	+601
Fat Kg	30.5
Fat %	+0.08
Protein Kg	+26.3
Protein %	+0.08
Reliability	67%

Young Genomic Pedigree Index

Highlights

- No holes linear
- Superb Daughter Fertility Index
- Positive percentages in both Fat and Protein
- Great Rump Width with deep bodies



New



Sexed



Health Traits

MANAGEMENT

Fertility Index	+10.3	
	Improver	
Lifespan	+0.4	
	Improver	
Somatic Cell Count	-20	
	Improver	
Mastitis Resistance	-3	
	Improver	
TB Advantage	+1.1	
	Desirable	
Lameness Advantage	+0.8	
	Improver	
Maintenance	+7	
	Desirable	
Calf Survival	+2.0	
	Improver	
Direct Calving Ease	+0.3	
	Easy	

YOUNG GENOMIC PEDIGREE INDEX

Holstein UK & Ireland 08/18

Type Merit	+1.59	Excellent
Mammary	+1.24	Excellent
Legs & Feet	+1.11	Excellent
Stature	+0.66	160 cm
Chest Width	+0.36	Wide
Body Depth	+0.25	Deep
Angularity	+0.79	Open Rib
Rump Angle	-0.42	Low Pins
Rump Width	+1.10	Wide
Rear Leg Side	+0.23	Sickled
Foot Angle	+0.37	Steep
Fore Udder Att	+0.97	Tight
Rear Udder Ht	+1.53	Very High
Udder Support	+0.76	Strong
Udder Depth	+0.92	20cm Above
Front Teat Pl.	+0.58	Close
Teat Length	-0.08	Long
Rear Teat Pl.	+0.56	Close
Teat Pos. Side	-0.20	Apart
Temperament	+0.20	Good
Ease of Milk	+0.64	Fast
Locomotion	+1.28	Excellent

-2

+2



Holstein Genomic Production Proof

DairyCo Breeding+

PTA August 2018

PLI	£732
Milk Kg	+898
Fat Kg	+41.1
Fat %	+0.07
Protein Kg	+30.9
Protein %	+0.02
Reliability	67%

Young Genomic Pedigree Index

Highlights

- *Nihao is a complete all-round sire*
- *Production, components and type*
- *Excellent udders*
- *Super Feet and Legs with great Locomotion*



New



Sexed



Health Traits

MANAGEMENT		
Fertility Index	+7.2	
		Improver
Lifespan	+0.5	
		Improver
Somatic Cell Count	-18	
		Improver
Mastitis Resistance	-2	
		Improver
TB Advantage	+0.8	
		Desirable
Lameness Advantage	+2.2	
		Improver
Maintenance	+18	
		Desirable
Calf Survival	+1.9	
		Improver
Direct Calving Ease	-0.8	
		Easy

YOUNG GENOMIC PEDIGREE INDEX		Holstein UK & Ireland 08/18
Type Merit	+2.28	Excellent
Mammary	+1.48	Excellent
Legs & Feet	+1.15	Excellent
Stature	+0.71	160 cm
Chest Width	+1.81	Wide
Body Depth	+1.24	Deep
Angularity	+0.66	Open Rib
Rump Angle	-0.18	Low Pins
Rump Width	+1.09	Wide
Rear Leg Side	-0.41	Sickled
Foot Angle	+0.56	Steep
Fore Udder Att	+1.05	Tight
Rear Udder Ht	+1.74	Very High
Udder Support	+1.35	Strong
Udder Depth	+0.27	20cm Above
Front Teat Pl.	+0.73	Close
Teat Length	+1.35	Long
Rear Teat Pl.	+0.84	Close
Teat Pos. Side	+0.57	Apart
Temperament	+0.69	Good
Ease of Milk	+0.68	Fast
Locomotion	+1.36	Excellent

-2

+2

NITRO

G-Deruyter AltaNitro ET



HB No: 65003132991976
Modesty X Kingboy X Shot

AI Code: HO5230
Source: USA
DOB: 24.10.16



3D: Richmond-FD Liesl-ET

Holstein Genomic Production Proof

DairyCo Breeding+

PTA August 2018

PLI	£752
Milk Kg	+628
Fat Kg	+36.8
Fat %	+0.14
Protein Kg	+23.7
Protein %	+0.04
Reliability	63%

Young Genomic Pedigree Index

Highlights

- **Superb production with excellent management traits**
- **Excellent Daughter Fertility at +11.5**
- **+0.6 Lifespan = 180 days extra longevity**
- **Snugly attached udders**



New



Sexed



Health Traits

MANAGEMENT

Fertility Index	+11.5	
	Improver	
Lifespan	+0.6	
	Improver	
Somatic Cell Count	-20	
	Improver	
Mastitis Resistance	-3	
	Improver	
TB Advantage	+0.6	
	Desirable	
Lameness Advantage	+1.0	
	Improver	
Maintenance	+5	
	Desirable	
Calf Survival	+1.6	
	Improver	
Direct Calving Ease	+0.3	
	Easy	

YOUNG GENOMIC PEDIGREE INDEX

Holstein UK & Ireland 08/18

Type Merit	+1.70		Excellent
Mammary	+1.40		Excellent
Legs & Feet	+1.51		Excellent
Stature	+0.73		160 cm
Chest Width	-0.10		Wide
Body Depth	-0.30		Deep
Angularity	+0.55		Open Rib
Rump Angle	+0.54		Low Pins
Rump Width	+0.47		Wide
Rear Leg Side	-0.97		Sickled
Foot Angle	+0.61		Steep
Fore Udder Att	+1.44		Tight
Rear Udder Ht	+2.00		Very High
Udder Support	+0.66		Strong
Udder Depth	+1.01		20cm Above
Front Teat Pl.	+0.66		Close
Teat Length	-0.29		Long
Rear Teat Pl.	+0.84		Close
Teat Pos. Side	+0.11		Apart
Temperament	+0.34		Good
Ease of Milk	-0.01		Fast
Locomotion	+1.65		Excellent

-2

+2

PRASER

Westcoast Penman Praser



HB No: 64000012283345

Penmanship X Bay MVP X Epic

Beta-Casein: A1A2

AI Code: HO5200

Source: Canada

DOB: 27.12.15



Holstein Genomic Production Proof

DairyCo Breeding+

PTA August 2018

PLI	£712
Milk Kg	+261
Fat Kg	+28.7
Fat %	+0.23
Protein Kg	+21.6
Protein %	+0.16
Reliability	67%

Young Genomic Pedigree Index

Highlights

- *Praser excels in components and Daughter Fertility*
- *Impressive Linear*
- *Improves Teat Length*
- *Strong robust cows*



New



Sexed



Health Traits

MANAGEMENT		
Fertility Index	+14.7	
		Improver
Lifespan	+0.6	
		Improver
Somatic Cell Count	-16	
		Improver
Mastitis Resistance	-2	
		Improver
TB Advantage	+1.9	
		Desirable
Lameness Advantage	+0.9	
		Improver
Maintenance	+13	
		Desirable
Calf Survival	+1.4	
		Improver
Direct Calving Ease	+0.9	
		Easy

YOUNG GENOMIC PEDIGREE INDEX

Holstein UK & Ireland 08/18

Type Merit	+1.79	Excellent
Mammary	+1.27	Excellent
Legs & Feet	+1.14	Excellent
Stature	+0.76	160 cm
Chest Width	+0.81	Wide
Body Depth	+0.35	Deep
Angularity	-0.22	Open Rib
Rump Angle	+0.49	Low Pins
Rump Width	+0.72	Wide
Rear Leg Side	-0.31	Sickled
Foot Angle	+0.42	Steep
Fore Udder Att	+0.96	Tight
Rear Udder Ht	+1.11	Very High
Udder Support	+1.02	Strong
Udder Depth	+1.05	20cm Above
Front Teat Pl.	+1.49	Close
Teat Length	+0.55	Long
Rear Teat Pl.	0.94	Close
Teat Pos. Side	+0.15	Apart
Temperament	+0.01	Good
Ease of Milk	+0.77	Fast
Locomotion	+1.38	Excellent

-2

+2

Holstein Sires

Sexed Holsteins

RANGER

Double W Ranger



HB No: 65000071753166
Reflector X Snowfever X Sterngold

AI Code: HO5104
Source: Holland
DOB: 04.10.12



Dam: Double W Ricky 8 VG86

Holstein Genomic Production Proof

DairyCo Breeding+

PTA August 2018

PLI	£645
Milk Kg	+576
Fat Kg	+32.7
Fat %	+0.12
Protein Kg	+25.9
Protein %	+0.09
Reliability	68%

Young Genomic Pedigree Index

Highlights

- One of the best All Round Sires available
- Type, Production and Components
- Strong Bodied Cows
- Lowers High Pin setting
- Outstanding sire for Legs and Feet with excellent Locomotion

✓ **Calving Ease**

✓ **Type**

✓ **Robotic Milking**

MANAGEMENT

Fertility Index	+5.7	
		Improver
Lifespan	+0.5	
		Improver
Somatic Cell Count	-13	
		Improver
Mastitis Resistance	-2	
		Improver
TB Advantage	-0.3	
		Desirable
Lameness Advantage	+2.2	
		Improver
Maintenance	+18	
		Desirable
Calf Survival	+1.1	
		Improver
Direct Calving Ease	+0.9	
		Easy

YOUNG GENOMIC PEDIGREE INDEX

Holstein UK & Ireland 08/18

Type Merit	+2.46	Excellent
Mammary	+1.65	Excellent
Legs & Feet	+1.92	Excellent
Stature	+1.26	160 cm
Chest Width	+1.05	Wide
Body Depth	+0.87	Deep
Angularity	+0.59	Open Rib
Rump Angle	+1.66	Low Pins
Rump Width	+0.48	Wide
Rear Leg Side	-0.48	Sickled
Foot Angle	+0.94	Steep
Fore Udder Att	+1.50	Tight
Rear Udder Ht	+1.36	Very High
Udder Support	+0.57	Strong
Udder Depth	+1.48	20cm Above
Front Teat Pl.	+0.32	Close
Teat Length	+0.00	Long
Rear Teat Pl.	-0.74	Close
Teat Pos. Side	+0.65	Apart
Temperament	+0.19	Good
Ease of Milk	+1.88	Fast
Locomotion	+2.50	Excellent

-2

+2



MGD: Blumenfeld Robust 3985 EX90

Holstein Genomic Production Proof

DairyCo Breeding+

PTA August 2018

PLI	£735
Milk Kg	+688
Fat Kg	+23.4
Fat %	-0.04
Protein Kg	+26.7
Protein %	+0.05
Reliability	65%

Young Genomic Pedigree Index

Highlights

- *High Production sire with extreme Daughter Fertility*
- *Outstanding Udders, especially Rear Udder Height and Udder Support*
- *Improves Side View Teat Position*



Sexed



Type



Calving Ease

MANAGEMENT

Fertility Index	+13.6	
		Improver
Lifespan	+0.6	
		Improver
Somatic Cell Count	-15	
		Improver
Mastitis Resistance	-1	
		Improver
TB Advantage	+1.9	
		Desirable
Lameness Advantage	+2.6	
		Improver
Maintenance	+2	
		Desirable
Calf Survival	+2.7	
		Improver
Direct Calving Ease	+0.3	
		Easy

YOUNG GENOMIC PEDIGREE INDEX

Holstein UK & Ireland 08/18

Type Merit	+2.89	Excellent
Mammary	+2.24	Excellent
Legs & Feet	+1.67	Excellent
Stature	+0.04	160 cm
Chest Width	+0.52	Wide
Body Depth	-0.32	Deep
Angularity	+0.73	Open Rib
Rump Angle	+0.19	Low Pins
Rump Width	+0.29	Wide
Rear Leg Side	-0.35	Sickled
Foot Angle	+0.62	Steep
Fore Udder Att	+1.20	Tight
Rear Udder Ht	+2.38	Very High
Udder Support	+2.52	Strong
Udder Depth	+1.31	20cm Above
Front Teat Pl.	+1.48	Close
Teat Length	-1.07	Long
Rear Teat Pl.	+2.02	Close
Teat Pos. Side	+1.50	Apart
Temperament	+0.87	Good
Ease of Milk	+1.08	Fast
Locomotion	+1.84	Excellent

-2

+2

SKYLINE

Delta Skyline



HB No: 63000937303247
Barclay X Vitesse X Stan

AI Code: HO5565
Source: Holland
DOB: 19.04.17



Dam: Dijkhoeve Delta Silla

Holstein Genomic Production Proof

DairyCo Breeding+

PTA August 2018

PLI	£680
Milk Kg	+449
Fat Kg	+30.7
Fat %	+0.16
Protein Kg	+27.9
Protein %	+0.16
Reliability	67%
Young Genomic Pedigree Index	

Highlights

- Skyline will lower Stature and improve Chest Width
- Impressive improvement in Protein and Fat Percentages
- Excellent snugly attached udders
- Improves Teat Length



New



Calving Ease



Outcross Pedigree

MANAGEMENT

Fertility Index	+2.6	
Lifespan	+0.4	Improver
Somatic Cell Count	-17	Improver
Mastitis Resistance	-2	Improver
TB Advantage	+2.4	Desirable
Lameness Advantage	+1.9	Improver
Maintenance	+3	Desirable
Calf Survival	+1.5	Improver
Direct Calving Ease	+0.6	Easy

YOUNG GENOMIC PEDIGREE INDEX

Holstein UK & Ireland 08/18

Type Merit	+2.14	Excellent
Mammary	+1.18	Excellent
Legs & Feet	+1.51	Excellent
Stature	-0.33	160 cm
Chest Width	+0.67	Wide
Body Depth	+0.35	Deep
Angularity	-0.39	Open Rib
Rump Angle	+0.23	Low Pins
Rump Width	+0.75	Wide
Rear Leg Side	-1.05	Sickled
Foot Angle	+0.88	Steep
Fore Udder Att	+1.21	Tight
Rear Udder Ht	+2.11	Very High
Udder Support	+0.77	Strong
Udder Depth	+0.90	20cm Above
Front Teat Pl.	+0.20	Close
Teat Length	+0.68	Long
Rear Teat Pl.	+0.19	Close
Teat Pos. Side	+0.14	Apart
Temperament	+0.35	Good
Ease of Milk	+0.19	Fast
Locomotion	+1.73	Excellent

-2

+2

TOPSHOT

Bomaz AltaTopshot ET



HB No: 65000073953444

AI Code: HO4739

Supershot X AltaEmbassy X Robust

Source: USA

Beta-Casein: A2A2

DOB: 10.06.15



AltaTopshot

Holstein Genomic Production Proof

DairyCo Breeding+

PTA August 2018

PLI	£729
Milk Kg	+902
Fat Kg	+36.5
Fat %	+0.01
Protein Kg	+30.9
Protein %	+0.02
Reliability	68%

Young Genomic Pedigree Index

Highlights

- **Fantastic Milk Production with +900 Kgs Milk and +67 Kg Fat + Protein**
- **Improves all Type Traits**
- **Excellent Rump Width with lower pin setting**



Sexed



Health Traits



Calving Ease

MANAGEMENT

Fertility Index	+6.5	
	Improver	
Lifespan	+0.5	
	Improver	
Somatic Cell Count	-18	
	Improver	
Mastitis Resistance	-3	
	Improver	
TB Advantage	-0.1	
	Desirable	
Lameness Advantage	+3.0	
	Improver	
Maintenance	+8	
	Desirable	
Calf Survival	+0.8	
	Improver	
Direct Calving Ease	+0.2	
	Easy	

YOUNG GENOMIC PEDIGREE INDEX

Holstein UK & Ireland 08/18

Type Merit	+1.65	Excellent
Mammary	+1.06	Excellent
Legs & Feet	+0.91	Excellent
Stature	+0.40	160 cm
Chest Width	+0.64	Wide
Body Depth	-0.57	Deep
Angularity	+0.04	Open Rib
Rump Angle	+0.58	Low Pins
Rump Width	+1.07	Wide
Rear Leg Side	+0.14	Sickled
Foot Angle	+0.08	Steep
Fore Udder Att	+0.67	Tight
Rear Udder Ht	+0.79	Very High
Udder Support	+1.17	Strong
Udder Depth	+0.35	20cm Above
Front Teat Pl.	-0.22	Close
Teat Length	+0.41	Long
Rear Teat Pl.	+0.73	Close
Teat Pos. Side	+0.04	Apart
Temperament	+0.43	Good
Ease of Milk	-0.18	Fast
Locomotion	+1.11	Excellent

-2

+2

Holstein Sires

Sexed Holsteins

VELVET

Peak AltaVelvet ET



HB No: 65003142181523
Hotline X AltaSpring X Supersire

AI Code: HO5532
Source: USA
DOB: 30.04.17



MGD: Miller-Ff Ssire Exotic-ET

Holstein Genomic Production Proof

DairyCo Breeding+

PTA August 2018

PLI	£672
Milk Kg	+688
Fat Kg	+42.7
Fat %	+0.18
Protein Kg	+25.3
Protein %	+0.04
Reliability	67%
Young Genomic Pedigree Index	

Highlights

- **Superb Type with Components**
- **Excellent Fat Improvement**
- **Tremendous Feet and Legs with excellent Locomotion**
- **Snugly attached Udders**



New



High Type



Production

MANAGEMENT

Fertility Index	+4.3	
	Improver	
Lifespan	+0.4	
	Improver	
Somatic Cell Count	-27	
	Improver	
Mastitis Resistance	-3	
	Improver	
TB Advantage	+1.9	
	Desirable	
Lameness Advantage	+2.2	
	Improver	
Maintenance	+31	
	Desirable	
Calf Survival	+1.7	
	Improver	
Direct Calving Ease	-0.9	
	Easy	

YOUNG GENOMIC PEDIGREE INDEX

Holstein UK & Ireland 08/18

Type Merit	+2.99	Excellent
Mammary	+2.86	Excellent
Legs & Feet	+2.17	Excellent
Stature	+2.14	160 cm
Chest Width	+1.89	Wide
Body Depth	+1.36	Deep
Angularity	+0.76	Open Rib
Rump Angle	-0.85	Low Pins
Rump Width	+1.26	Wide
Rear Leg Side	-0.44	Sickled
Foot Angle	+1.24	Steep
Fore Udder Att	+3.06	Tight
Rear Udder Ht	+2.25	Very High
Udder Support	+1.96	Strong
Udder Depth	+2.54	20cm Above
Front Teat Pl.	+2.24	Close
Teat Length	-0.99	Long
Rear Teat Pl.	+2.32	Close
Teat Pos. Side	+0.68	Apart
Temperament	+0.81	Good
Ease of Milk	+0.67	Fast
Locomotion	+2.61	Excellent

-2

+2

ABEL

Sexed Semen Available

Peak Jerod Abel ET
HB No: 65003014466165
Jerod X Mogul X Freddie

AI Code: HO4215
Source: Holland
DOB: 16.03.14

Holstein Genomic Production Proof

PTA August 2018

PLI	Milk Kg	Fat Kg	Fat %	Protein Kg	Protein %	Reliability
£589	+462	+26.7	+0.10	+18.2	+0.04	68%



Dam: OCD Mogul Abracadabra ET

HIGHLIGHTS

Over 2 points on Type and +1.9 Udders
Massive Daughter Fertility at +11.6
Improves all Management Traits
Superb All Round Sire for Production and Components

YOUNG GENOMIC PEDIGREE INDEX

Holstein UK & Ireland 08/18

Type Merit	+2.10		Excellent
Mammary	+1.92		Excellent
Legs & Feet	+1.47		Excellent

-2

+2

MANAGEMENT

Fertility Index	+11.6
Lifespan	+0.5
Somatic Cell Count	-20
Mastitis Resistance	-2
TB Advantage	+1.2
Lameness Advantage	+2.2
Maintenance	+10
Calf Survival	+0.0
Direct Calving Ease	-0.1
Temperament	+1.00
Milking Speed	+0.37

CABRIOLET

Sexed Semen Only

Co-Op Robust Cabriolet ET
HB No: 65000069560690
Robust X Planet X Ramos

AI Code: HO2504
Source: USA
DOB: 27.06.11

Holstein Interbull Production Proof

PTA August 2018

PLI	Milk Kg	Fat Kg	Fat %	Protein Kg	Protein %	Reliability	UK Daughters / Herds
£679	+659	+39.6	+0.16	+24.0	+0.03	98%	UK 324 / 64



Daughter: Aardema Cabriolet 7820

HIGHLIGHTS

Superb production and components
Excellent in all management traits
No. 1 UK Daughter Proven Sire ranked on PLI

YOUNG GENOMIC PEDIGREE INDEX

Holstein UK & Ireland 08/18

Type Merit	+1.80		Excellent
Mammary	+1.13		Excellent
Legs & Feet	+1.17		Excellent

-2

+2

MANAGEMENT

Fertility Index	+1.9
Lifespan	+0.3
Somatic Cell Count	-8
Mastitis Resistance	+0
TB Advantage	+1.1
Lameness Advantage	+3.6
Maintenance	-17
Calf Survival	+4.8
Direct Calving Ease	+0.9
Temperament	+0.93
Milking Speed	+0.51

Holstein Sires

Sexed Holsteins

MASSEY

Sexed Semen Available

Co-Op Bosside Massey ET
HB No: 65000063026939
Mascol X Bret X Manfred

AI Code: FH3256
Source: USA
DOB: 05.02.07

Holstein Interbull Production Proof

PTA August 2018

PLI	Milk Kg	Fat Kg	Fat %	Protein Kg	Protein %	Reliability	UK Daughters / Herds
£360	+452	+14.6	-0.04	+17.8	+0.04	99%	UK 713 / 159



Daughter: Ards Massey Mae VG87, bred by H Patton & Sons

HIGHLIGHTS

One of the best daughter proven sires available
Ideal sire for commercial milk producers; no nonsense cows
Tremendous farmer satisfaction with 713 daughters in 159 UK herds

YOUNG GENOMIC PEDIGREE INDEX

Holstein UK & Ireland 08/18

Type Merit	+1.41		Excellent
Mammary	+1.54		Excellent
Legs & Feet	+0.17		Excellent

-2

+2

MANAGEMENT

Fertility Index	+0.0
Lifespan	+0.3
Somatic Cell Count	-20
Mastitis Resistance	-2
TB Advantage	-0.1
Lameness Advantage	+0.6
Maintenance	+15
Calf Survival	+0.4
Direct Calving Ease	+0.3
Temperament	+0.95
Milking Speed	+0.63

OMEN

Prehen Omen ET EX94
HB No: 01000000644841
O-Man X Goldwyn X Novalis

AI Code: HO3359
Source: N Ireland
DOB: 11.04.09

Holstein Interbull Production Proof

PTA August 2018

PLI	Milk Kg	Fat Kg	Fat %	Protein Kg	Protein %	Reliability	UK Daughters / Herds
£535	+80	+18.4	+0.19	+17.7	+0.19	99%	UK 580 / 140



Daughters: Relough Omen Roxie 4 EX90 and Relough Omen Danna 4 VG88, bred by R McClean & Sons

HIGHLIGHTS

Bred in Northern Ireland, proven in Northern Ireland
Excellent production with massive improvement in components
Strong robust cows with tremendous daughter fertility

YOUNG GENOMIC PEDIGREE INDEX

Holstein UK & Ireland 08/18

Type Merit	+0.98		Excellent
Mammary	+0.60		Excellent
Legs & Feet	+0.54		Excellent

-2

+2

MANAGEMENT

Fertility Index	+7.5
Lifespan	+0.6
Somatic Cell Count	-10
Mastitis Resistance	-1
TB Advantage	+1.5
Lameness Advantage	+2.7
Maintenance	+0
Calf Survival	-2.3
Direct Calving Ease	+0.7
Temperament	+0.24
Milking Speed	+0.61

TROY

River-Bridge Co-Op Troy ET
HB No: 65000071753166
Mogul X Freddie X Mascol

AI Code: HO3101
Source: USA
DOB: 04.10.12

Holstein Interbull Production Proof

PTA August 2018

PLI	Milk Kg	Fat Kg	Fat %	Protein Kg	Protein %	Reliability	UK Daughters / Herds
£521	+422	+16.7	+0.00	+15.0	+0.02	89%	UK 67 / 31



Daughter: Carrowcroft Troy Ruby VG85, owned by Geoffrey Patton

HIGHLIGHTS

First local milking daughters are impressing their owners

Tremendous Daughter Fertility at +12.1

Impressive Lifespan at +0.7

Udders are snugly attached

YOUNG GENOMIC PEDIGREE INDEX

Holstein UK & Ireland 08/18

Type Merit	+1.50		Excellent
Mammary	+1.25		Excellent
Legs & Feet	+1.35		Excellent

-2

+2

MANAGEMENT

Fertility Index	+12.1
Lifespan	+0.7
Somatic Cell Count	-4
Mastitis Resistance	-1
TB Advantage	+1.4
Lameness Advantage	+2.1
Maintenance	-2
Calf Survival	+0.9
Direct Calving Ease	+0.2
Temperament	+0.73
Milking Speed	+0.45

WHATSAPP

Flevo Genetics Whatsapp ET
HB No: 63000949247382
Supersire X Superstition X Goldwyn

AI Code: HO4242
Source: Holland
DOB: 02.04.13

Holstein Interbull Production Proof

PTA August 2018

PLI	Milk Kg	Fat Kg	Fat %	Protein Kg	Protein %	Reliability
£567	+340	+17.9	+0.06	+14.2	+0.04	82%



Dam: KHW Super Aderyn 78454

HIGHLIGHTS

Whatsapp offers a No Holes Linear

Combines Type, Production and Health Traits all in one Package

Calving Ease; suitable for Maiden Heifers

Extremely high Daughter Fertility

YOUNG GENOMIC PEDIGREE INDEX

Holstein UK & Ireland 08/18

Type Merit	+2.13		Excellent
Mammary	+1.90		Excellent
Legs & Feet	+1.01		Excellent

-2

+2

MANAGEMENT

Fertility Index	+13.3
Lifespan	+0.4
Somatic Cell Count	-22
Mastitis Resistance	-2
TB Advantage	+1.9
Lameness Advantage	+2.4
Maintenance	-1
Calf Survival	+0.2
Direct Calving Ease	+1.5
Temperament	+1.04
Milking Speed	+1.00

JAMES

Goonhilly James

British Friesian 98%
HB No: 20387868700919
Chad X Hylke X Glenalbyn

AI Code: BF1159
Source: UK
DOB: 31.10.16



Friesian Genomic Production Proof

DairyCo Breeding+

PTA August 2018

PLI	£470
Milk Kg	+342
Fat Kg	+22.8
Fat %	+0.12
Protein Kg	+15.7
Protein %	+0.06
Reliability	68%

Young Genomic Pedigree Index

Highlights

- **No. 3 PLI Friesian Sire available**
- **Positive Fat and Protein**
- **Improves Production**
- **Plus on Health Traits**



New



Robotic Milking



Calving Ease

MANAGEMENT

Fertility Index	+1.3	
Lifespan	+0.3	Improver
Somatic Cell Count	-12	Improver
Mastitis Resistance	-4	Improver
TB Advantage	+2.4	Desirable
Lameness Advantage	-1.1	Improver
Maintenance	+12	Desirable
Calf Survival	+3.6	Improver
Direct Calving Ease	+1.5	Easy

FRIESIAN GENOMIC PEDIGREE INDEX

Holstein UK & Ireland 08/18

F Type Merit	+1.30	Excellent
Mammary	+1.04	Excellent
Legs & Feet	+1.26	Excellent
Stature	+1.66	160 cm
Chest Width	+0.02	Wide
Body Depth	+0.32	Deep
Angularity	+0.86	Open Rib
Rump Angle	+0.46	Low Pins
Rump Width	-0.25	Wide
Rear Leg Side	-0.64	Sickled
Foot Angle	+0.18	Steep
Fore Udder Att	+0.64	Tight
Rear Udder Ht	+0.84	Very High
Udder Support	+0.46	Strong
Udder Depth	+0.93	20cm Above
Front Teat Pl.	-0.68	Close
Teat Length	+0.60	Long
Rear Teat Pl.	-0.07	Close
Teat Pos. Side	+0.36	Apart
Temperament	+0.75	Good
Ease of Milk	-0.40	Fast
Locomotion	+1.02	Excellent

-2

+2

Castledale METRO

Castledale Metro

94% Friesian

HB No: 20000000657169

Source: UK

Emperor X Glen Albyn X Rocket

DOB: 22.02.12

Friesian Production Proof

PTA August 2018

PLI	Milk Kg	Fat Kg	Fat %	Protein Kg	Protein %	Reliability	UK Dtrs/Herds	Friesian Type Merit (PI)
£228	+79	+5.5	+0.03	+7.6	+0.06	75%	17 / 6	+0.55



Grand Dam: Castledale Rocket Mavis 8 EX94(6)

MANAGEMENT

Lifespan	+0.2	Improver
Somatic Cell Count	-6	Improver
Mastitis Resistance	-4	Improver

HIGHLIGHTS

Sired by Kirkby Emperor – widely used and renowned for excellent daughter fertility

Grand Dam averaged 10105 Kgs Milk @ 4.14% Fat and 3.31% Protein in 9 lactations, 302 days

Excellent production and type improvement

PEDIGREE

Sire: Kirkby Emperor
 Dam: Castledale Albyn Mavis 8 BFE92(4)
 5LA 300D 8122 KGM 4.43%F 3.61%P
 MGS: Blackisle Glen Albyn ET BFE
 MGD: Castledale Rocket Mavis 5 EX94(7)
 9LA 302D 10105 KGM 4.14%F 3.31%P

Inch TARQUIN

Inch Tarquin ET

88% Friesian

HB No: 20937005755745

Source: UK

Tarquin X Glen Albyn X Sem

DOB: 26.10.14

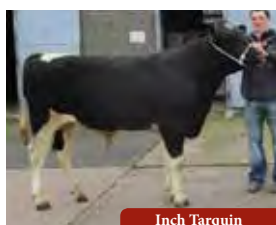
Friesian Pedigree Index

PTA August 2018

PLI	Milk Kg	Fat Kg	Fat %	Protein Kg	Protein %	Reliability	Friesian Type Merit (PI)
£385	+263	+25.2	+0.19	+16.3	+0.10	41%	+0.86



Dam: Inch Blackisle Daphne 2 ET EX92(4)



Inch Tarquin

HIGHLIGHTS

Excellent Milk Quality

Suitable for Cross Breeding

No. 5 PLI Friesian Available

PEDIGREE

Sire: Deangate Tarquin
 Dam: Inch Blackisle Daphne 2 ET EX92(4)
 6LA 302D 10588 KGM 5.36%F 3.31%P
 MGS: Blackisle Glen Albyn ET BFE
 MGD: Inch Sem Daphne 2 ET VG88
 5LA 305D 9806 KGM 5.61%F 3.42%P



AI SERVICES
- NORTHERN IRELAND -

AI Services are proud to supply the very best Dairy Genetics to suit every dairy farm situation.

Our sister company, Eurogene AI Services, is based in Cahir in the Republic of Ireland. Eurogene are leaders in producing exciting new high genomic EBI sires as well as proven bulls that have consistently delivered on grass based farms.

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If you are interested in these sires, please visit the Eurogene AI Services website for more details on the two company's portfolio of sires.

www.eurogeneaiservices.com

Raven Hill STORMIN NORMAN

Breed: 100% Ayrshire
HB No: 03000006181978

Source: UK
DOB: 16.06.12

Ayrshire Interbull Production Index

PTA August 2018

PLI	Milk Kg	Fat Kg	Fat %	Protein Kg	Protein %	Reliability	UK Dtrs/Herds
£395	+851	+34.4	-0.01	+20.2	-0.1	69%	55 / 23



Daughter: Ravenhill Norman Ethel



Group of Stormin Norman Daughters

HIGHLIGHTS

Exciting Local Ayrshire Bull
Dam yields up to 13177 Kgs in 305 Days
Dam EX93, Grand dam EX90
+739 kg Milk, +38.3 kg Fat + Protein
Semen exported to New Zealand

PEDIGREE

Sire: Duo Star Normandin
PGS: 3-907 T Bruno
Dam: Ravenhill Ethel 382 EX93(4)
MGS: McCornick Nelson ET
MGD: Ravenhill Ethel 324 EX90
3 Dam: Ravenhill Ethel 269 VG89

Troutbeck SKYFALL ET

Breed: 87.5% Ayrshire
HB No: 03112328201350

Source: UK
DOB: 13.11.12

Ayrshire UK Production Index

PTA August 2018

PLI	Milk Kg	Fat Kg	Fat %	Protein Kg	Protein %	Reliability	UK Dtrs/Herds
£278	+212	+21.6	+0.19	+9.1	+0.03	52%	14 / 6



Daughter: Sandersons Skyfall Justine

NEW

HIGHLIGHTS

Newly Proven
Positive production
Excellent Udders
Deep bodies

PEDIGREE

Sire: Palmyra Tri-Star Burdette ET
PGS: Palmyra Tri-Star
Dam: West Mossiel Miss Modern 5 EX93(2)
MGS: Attwell Amadeus
MGD: West Mossiel Miss Modern H185

AYRSHIRE DAUGHTER CONFORMATION

Ayrshire CS 08/18

A Type Merit	+1.80		Excellent
Mammary	+1.10		Excellent
Feet & Legs	+1.70		Excellent

-2

+2

Coloured Breeds

Raven Hill VICTORY

Breed: 100% Ayrshire Source: UK
HB No: 03000006182211 DOB: 21.09.15

Ayrshire Pedigree Index

PTA August 2018

PLI	Milk Kg	Fat Kg	Fat %	Protein Kg	Protein %	Reliability	Ayrshire Type Merit (PI)
£329	+477	+21.6	+0.03	+14.0	-0.03	35%	+0.71



Dam: Ravenhill Ethel 350 VG88

HIGHLIGHTS

Combines Production with Longevity
Dam produced 8 Lactations with VG88
Classification
Semen exported to New Zealand

PEDIGREE

Sire: Rosehill Vitality ET
PGS: Palmyra Tri-Star Reality
Dam: Ravenhill Ethel 350 VG88
MGS: Celandine First Lord
MGD: Ravenhill Ethel 250 EX94(3)
3 Dam: Ravenhill Ethel 206 EX(2)a

VR VIMPULA



VR Kuusian Valpas Vimpula
Breed: 100% Ayrshire Source: Finland
HB No: 73000000046807 DOB: 09.10.12

Ayrshire Production Proof

PTA August 2018

PLI	Milk Kg	Fat Kg	Fat %	Protein Kg	Protein %	Reliability	Daughters
£554	+906	+33.1	-0.06	+30.9	+0.01	75%	2212



Daughter of VR Vimpula



Daughter of VR Vimpula

HIGHLIGHTS

Average Stature with strong Body Traits
Top Production Sire, Reliably Proven
Suitable for Robotic Milking Schemes
Dam's best Lactation 13400 KGM @ 4.4%
Fat and 3.6% Protein

PEDIGREE

Sammatin Valpas X Peterslund 1213 X Kuusijoen Etroni

Danish Conformation Traits

Viking Genetics

Frame	99		Excellent
Udder	115		Excellent
Legs & Feet	98		Excellent

90

110

HARPON

Breed: Montbéliarde
HB No: 3921920863
Source: France
Pedigree: Flipex JB X Tilleul JB

Montbéliarde Production Proof							France (08/18)	
Milk Kg	Fat Kg	Fat %	Protein Kg	Protein %	Reliability	Daughters/Herds	INEL (Prod. Index)	ISU (Total Merit)
+794	+47	+1.9	+35	+0.9	86%	47 / 41	+45	152



One of the Top Bulls Available
High Production with fantastic Components
Suitable for Cross Breeding
Recommended for Robotic Milking

DAUGHTER CONFORMATION				France 08/18
Overall Type	112			Excellent
Body	116			Good
Rump	103			Good
Feet & Legs	106			Good
Teats	106			Good
Udder	105			Good
Muscularity	99			Good

MANAGEMENT TRAITS	
Reproduction	-0.3
Udder Health	+0.4
Longevity	+0.5
Calving Ease	88
Milking Speed	104
Temperament	107

FLIPEX

Breed: Montbéliarde
HB No: 8519408742
Source: France
Pedigree: Triomphe X Redon X Micmac

Montbéliarde Production Proof							France (08/18)	
Milk Kg	Fat Kg	Fat %	Protein Kg	Protein %	Reliability	Daughters/Herds	INEL (Prod. Index)	ISU (Total Merit)
+552	+26	+0.4	+29	+1.6	95%	342 / 200	+36	141



One of the Top Daughter Proven Bulls available
Production with Components
Widespread Proof

DAUGHTER CONFORMATION				France 08/18
Overall Type	115			Excellent
Body	103			Good
Rump	86			Good
Feet & Legs	113			Good
Teats	100			Good
Udder	121			Good
Muscularity	100			Good

MANAGEMENT TRAITS	
Reproduction	-0.4
Udder Health	+0.1
Longevity	+0.4
Calving Ease	88
Milking Speed	90
Temperament	106

Coloured Breeds

CASIMIR

Casimir JB

Breed: Montbéliarde

HB No: 5359875842

Source: France

Pedigree: Pernan X Nikos

Montbéliarde Production Proof

France (08/18)

Milk Kg	Fat Kg	Fat %	Protein Kg	Protein %	Reliability	Daughters/Herds	INEL (Prod. Index)	ISU (Total Merit)
+475	+24	+0.3	+19	+0.3	95%	987 / 637	+23	115



Daughter: Fleole

Daughter Proven

Top production sire with great type

Excellent udders

DAUGHTER CONFORMATION

France 08/18

Overall Type	108		Excellent
Body	111		Good
Rump	98		Good
Feet & Legs	107		Good
Teats	110		Good
Udder	104		Good
Muscularity	87		Good

88

112

MANAGEMENT TRAITS

Reproduction	-1.6
Udder Health	-0.3
Longevity	-0.1
Calving Ease	86
Milking Speed	110
Temperament	97

MALOX

Malox JB

Breed: Montbéliarde

HB No: 7903011460

Source: France

Pedigree: Isomer X Beaulieu

Montbéliarde Production Proof

France (08/18)

Milk Kg	Fat Kg	Fat %	Protein Kg	Protein %	Reliability	INEL (Prod. Index)	ISU (Total Merit)
+636	+26	+0.0	+31	+0.7	70%	+36	143



NEW

Malox

Improves muscularity in his progeny

Snugly attached udders

Calving Ease

DAUGHTER CONFORMATION

France 08/18

Overall Type	115		Excellent
Body	115		Good
Rump	100		Good
Feet & Legs	96		Good
Teats	96		Good
Udder	113		Good
Muscularity	112		Good

88

112

MANAGEMENT TRAITS

Reproduction	-0.1
Udder Health	-0.2
Longevity	+0.1
Calving Ease	90
Milking Speed	108
Temperament	106

If you are interested in Montbéliarde Sexed Semen, please ask your Sales Representative for availability.

VJ GARANT

Breed: Jersey Source: Denmark
HB No: 660000304576 DOB: 06.05.17
Pedigree: VJ Gislev X VJ Janko X VJ Hilke

Danish Genomic Production Index

Viking Genetics 08/2018

Production Index	Milk Kg	Fat Kg	Fat %	Protein Kg	Protein %	gNTM
116	104	116	107	112	110	+28



VJ Garant

HIGHLIGHTS

Exceptional Udders

Wide rumps with great chest width

Excellent Udder Health

NEW

MANAGEMENT TRAITS

Daughter Fertility	109
Calving Ease	99
Udder Health	111
Longevity	107
Milking Speed	106
Temperament	104

Danish Conformation Traits

Viking Genetics

Frame	120		Excellent
Udder	123		Excellent
Legs & Feet	99		Excellent

VJ QUINTANA

Breed: Jersey Source: Denmark
HB No: 660000304301 DOB: 27.12.15
Pedigree: VJ Rodme X DJ Zuma X DJ Prima

Danish Genomic Production Index

Viking Genetics 08/2018

Production Index	Milk Kg	Fat Kg	Fat %	Protein Kg	Protein %	gNTM
118	104	119	110	112	112	+24



VJ Quintana

HIGHLIGHTS

Top Class Production and Type Sire

Excellent Body Capacity and Wide Rumps

Exceptional Udder Attachment

Dam's best lactation: 12000 KGM 305 Days

PEDIGREE

Sire: VJ Rodme Nygaard
Dam: 17895-02292
Average 305D 10010 KGM 5.59%F 4.11%P
MGS: DJ Zuma
MGD: 17895-01790
Average 305D 7699 KGM 5.45%F 4.34%P
MGDS: DJ Prima

Danish Conformation Traits

Viking Genetics

Frame	133		Excellent
Udder	114		Excellent
Legs & Feet	98		Excellent

VR DALTON

Breed: Danish Red Source: Denmark
HB No: 17000036877 DOB: 14.09.08
Pedigree: R Degn X R Admiral X Ferdi Red

Danish Genomic Production Index

Viking Genetics 08/2018

Production Index	Milk Kg	Fat Kg	Fat %	Protein Kg	Protein %	gNTM
124	109	124	115	120	115	+23



Daughter of VR Dalton

HIGHLIGHTS

Widespread daughter proven sire
Deep bodies with strong Feet and Legs
Tremendous Farmer Satisfaction

MANAGEMENT TRAITS

Daughter Fertility	95
Calving Ease	97
Udder Health	100
Longevity	99
Milking Speed	109
Temperament	95

Danish Conformation Traits

Viking Genetics

Frame	120		Excellent
Udder	123		Excellent
Legs & Feet	99		Excellent

90

110

VR FABU

Breed: Danish Red Source: Denmark
HB No: 17000099958 DOB: 29.12.15
Pedigree: Faabeli X Buckarby X S Signal

Danish Genomic Production Index

Viking Genetics 08/2018

Production Index	Milk Kg	Fat Kg	Fat %	Protein Kg	Protein %	gNTM
112	96	109	121	109	129	+24



VR Fabu

HIGHLIGHTS

Strong, robust cows with excellent
Longevity
High Weights of Fat and Protein Kgs and %

MANAGEMENT TRAITS

Daughter Fertility	110
Calving Ease	104
Udder Health	114
Longevity	111
Milking Speed	109
Temperament	103

Danish Conformation Traits

Viking Genetics

Frame	120		Excellent
Udder	123		Excellent
Legs & Feet	99		Excellent

90

110

HARIBO

Fleckvieh Source: Germany
HB No: DE0948636664 DOB: 22.12.13
Pedigree: Hutera X BFG Rurex



Dam: Entropi

REMMEL

Fleckvieh Source: Germany
HB No: DE0946581932 DOB: 25.03.12
Pedigree: Ricki X Rumgo



Daughter: Naoam

MOCCA PP

Fleckvieh Source: Germany
HB No: DE0952220569 DOB: 10.12.16
Sire: Bfg Mahango



Mocca PP

HIGHLIGHTS

Top Production Sire for Milk and Components
Outstanding Leg and Feet Improvements

Fleckvieh Genomic Production Proof Germany 08/17

Milk Kg	Fat Kg	Fat %	Protein Kg	Protein %
+873	+50	+0.17	+34	+0.04
Reliability	Milk Index		gTMI	
75%	130		131	

FLECKVIEH DAUGHTER CONFORMATION Germany 08/17

Frame	103		Excellent
Udder	112		Excellent
Feet & Legs	118		Excellent

76

124

HIGHLIGHTS

One of the Top Production Sires available
Exceptional Type Traits
Daughter Proven

Fleckvieh Production Proof Germany 08/18

Milk Kg	Fat Kg	Fat %	Protein Kg	Protein %
+1229	+37	-0.15	+42	+0.00
Reliability	Milk Index	GZW	Daughters	Herds
99%	128	129	911	686

FLECKVIEH DAUGHTER CONFORMATION Germany 08/17

Frame	117		Excellent
Udder	126		Excellent
Feet & Legs	103		Excellent

76

124

HIGHLIGHTS

Polled Genetics
Excellent Leg and Feet Improvement
Positive Daughter Fertility

NEW

Fleckvieh Production Proof Germany 08/18

Milk Kg	Fat Kg	Fat %	Protein Kg
+833	+37	+0.03	+34
Protein %	Reliability	Milk Index	GZW
+0.06	73%	125	136

FLECKVIEH DAUGHTER CONFORMATION Germany 08/17

Frame	99		Excellent
Udder	114		Excellent
Feet & Legs	118		Excellent

76

124

ISOLD

Isold Breed: Brown Swiss
HB No: FR1214005319 Source: France
Pedigree: Husold X Fernando DOB: 13.10.13

Brown Swiss Genomic Production Values						France (08/18)	
Milk Kg	Fat Kg	Fat %	Protein Kg	Protein %	Reliability	INEL (Prod. Index)	ISU (Total Merit)
+1067	+35	-0.8	+45	+1.0	70%	52	172



Very milky cows with added protein
Functional traits made to last

DAUGHTER CONFORMATION			France 08/16
TOTAL TYPE IND.	+0.5		Excellent
UDDER INDEX	+0.5		Excellent
FRAME	+0.2		Excellent
FEET & LEGS	+0.0		Excellent
Udder Depth	+0.2		Shallow
Udder Cleft	-0.2		Strong
R Udder Height	+0.7		High
Rear Udder Wdth	+0.8		Wide
Fore Udder Att.	+0.5		High
Teat Length	-0.5		Long
Front Teat Pl.	-0.3		Close
Rear Teat Pl.	-0.1		Close
Stature	+0.4		High
Chest Depth	+0.1		Deep
Rump Angle	-0.2		Sloped
Rump Width	+1.0		Wide
Hock Angle	-0.6		Sickled
Foot Angle	-0.4		Steep

MEDELLIN

Medellin Breed: Normandy
HB No: FR3556493472 Source: France
Pedigree: Inexes X Geyser DOB: 27.04.16

Normandy Production Values						France (08/18)	
Milk Kg	Fat Kg	Fat %	Protein Kg	Protein %	Reliability	INEL (Prod. Index)	ISU (Total Merit)
+747	+55	+2.9	+34	+0.7	67%	46	159



Top protein and fat kgs
Healthy Cows

Strong and deep bodies with wide rumps

DAUGHTER CONFORMATION			France 08/18
TOTAL TYPE	+0.7		Excellent
FRAME	+0.6		Excellent
Stature	+0.1		High
Chest Width	+0.6		Wide
Chest Depth	+1.3		Deep
Thurl Width	-0.2		Wide
Rump Angle	-0.2		Sloped
UDDER	+0.7		Excellent
Fore Udder Att	+1.8		High
Rear Udder Att	+0.1		High
Udder Balance	+1.4		High
Udder Depth	+0.2		Shallow
Front Teat Pl.	-0.3		Close
Teat Direction	+0.3		Internal
Medial Ligament	+0.0		Deep
MUSCULARITY	+0.3		Excellent
FEET & LEGS	+0.1		Excellent
Rear Legs Side	-0.1		Straight



Ai SERVICES

– NORTHERN IRELAND –



***Helping Northern Irish Farmers to
Breed and Succeed!***

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AI Technician Team

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Top Dairy Genetics

Breed-Leading Beef Sires

Liquid Nitrogen Delivery Service

Embryo Transfer Services

Stud Facilities

DIY Training

DIY Equipment

Beef Sires for the Dairy Herd

AI Services is committed to supplying the very best Beef Sires for use on dairy cows. Almost all of the sires selected have had detailed calving surveys carried out and have had progeny inspected for suitability.

AI Services also offers Fertility Boost Semen, which has been proven to enhance conception rates.

ROCKET

Excellent Growth and Muscling

Calving Survey Information	
No. Surveys	214
76 Cows + 138 Heifers	
Surgical Vet Assistance	1.0%
Non-Surgical Vet Asst	2.4%
Gestation Length	283 Days



ABERDEEN ANGUS
Thrunton Rocket
HB No: 106935301282
DOB: 04.06.11

NETWORK

*Short Gestation Length
Calving Ease for Heifers*

Calving Survey Information	
No. Surveys	33
20 Cows and 13 Heifers	
Surgical Vet Assistance	0.0%
Non-Surgical Vet Asst	0.0%
Gestation Length	282 Days



ABERDEEN ANGUS
Woodvale Network R854
HB No: UK939271803854
DOB: 03.05.15

ENDEAVOUR

*Top class calves
Excellent muscling*

Calving Survey Information	
No. Surveys	197
126 Cows and 5 Heifers	
Surgical Vet Assistance	2.6%
Non-Surgical Vet Asst	4.6%
Gestation Length	285 Days



ABERDEEN ANGUS
Hallington Endeavour G136
HB No: UK107067700136
DOB: 04.04.07

INDEX

*Excellent Colour Marking
Early results indicate
Calving Ease*

Calving Survey Information	
No. Surveys	10
10 Cows	
Surgical Vet Assistance	0.0%
Non-Surgical Vet Asst	0.0%
Gestation Length	290 Days



BRITISH BLUE
Chatham Index
HB No: B-20130254
DOB: 10.03.13

INCREDIBLE

*Excellent quality progeny
Suitable for crossing on
dairy cows*

Calving Survey Information	
No. Surveys	20
20 Cows	
Surgical Vet Assistance	0.0%
Non-Surgical Vet Asst	0.0%
Gestation Length	285 Days



IRISH BLUE
Boraside Incredible
HB No: IE371479981207
DOB: 01.01.14

GEORGE

*Pure white sire, suitable
for crossing on Dairy
Cows
George displays smooth
Muscling with natural
fleshing ability*



BRITISH BLUE
Rostrevor George ET
HB No: B-20120276
DOB: 07.08.11

GAULLISTE

*Recommended for crossing
on Holstein Cows
Short gestation length*

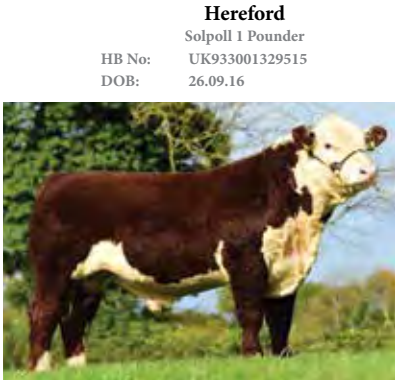
French Performance Data	
Calving Ease Index	101
Average Weight of Calves	43 Kg
Muscle Development	112
Conformation	117
Gestation Length	278 Days



Charolais Culard
Gaulliste
HB No: FR6950643722
DOB: 23.07.11

POUNDER

*Exciting new Hereford sire
Excellent Conformation and
muscling
In the Top 1% and 5% of the
Breed for all Growth and
Muscling Indexes
Use with caution until a
detailed calving survey is
carried out*



Hereford
Solpoll 1 Pounder
HB No: UK933001329515
DOB: 26.09.16

HOTSPUR

*Calving Ease Sire
Shorter than average
Gestation Length*

Calving Survey Information	
No. Surveys	206
131 Cows and 75 Heifers	
Surgical Vet Assistance	1.9%
Non-Surgical Vet Asst	2.9%
Gestation Length	286 Days



HEREFORD
Trillick Hotspur
HB No: IE251104 781341
DOB: 22.12.12

IFOR

*Excellent well balanced
bull with impressive
muscle and shape*

Calving Survey Information	
No. Surveys	207
162 Cows and 45 Heifers	
Surgical Vet Assistance	3.9%
Non-Surgical Vet Asst	3.9%
Gestation Length	292 Days



Limousin
Ampertaine Ifor
HB No: UK9630001/2550-1
DOB: 26.10.14

UMAR

*Proven Crossing Sire on
Dairy Cows*

Widespread Usage

Calving Survey Information	
No. Surveys	210
195 Cows and 15 Heifers	
Surgical Vet Assistance	1.5%
Non-Surgical Vet Asst	3.5%
Gestation Length	294 Days



LIMOUSIN
Rahoney Umar
HB No: MDS03-012
DOB: 26.05.03

BALDWIN

Excellent quality calves

Widespread Usage

Calving Survey Information	
No. Surveys	219
191 Cows and 28 Heifers	
Surgical Vet Assistance	3.2%
Non-Surgical Vet Asst	2.7%
Gestation Length	291 Days



SIMMENTAL
Omorga Baldwin 10
HB No: M076745
DOB: 21.05.10

Fertility Boost

*AI Services offers a selection of mixed beef semen.
Mixed semen of this nature has been shown to
significantly improve conception rates.*

Triple Mix British Blue

*Rostrevor George +
Chatham Index +
Boroside Incredible*



AA x BB x HER

*Woodvale Network
+ Rostrevor George
+ Trillick Hotspur*



BB x AA x HER

*Chatham Index +
Thrunton Rocket +
Graceland Giovani*



LIM x AA x BB

*Ampertaine Ifor +
Thrunton Rocket +
Boroside Incredible*



Additional Mixes are available by request. Individual sires may change in the mixture from time to time.



AI SERVICES

- NORTHERN IRELAND -

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DOWN / ARMAGH

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Nigel Spence

078 0927 4141

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David McCall

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David Vance

077 9584 1306

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