



GRAZINGPRO™



AUTUMN 2023


SEMEX®
Genetics for Life®

SALES CONTACTS

Semex UK,
Maple Park, Monkton,
Prestwick, Ayrshire
KA9 2RJ

0800 86 88 90
info@semex.co.uk

National Sales Manager

Michael Dennison

Tel: 07713 245220

Email: mdennison@semex.com

Grazing Pro Specialist

Ian Plews

Tel: 07926 883029

Email: iplews@semex.com

SOUTH

Andrew Axford Cornwall
07771 684294

David Hawkins Mid & South Devon
07841 486628

Leigh Herrod Dorset, South and East Somerset
07917 773229

Mike Huskins East Devon and West Dorset
07909 545426

Steve Lee North & West Devon, North Cornwall
07795 311688

Seamus McGuinness Cornwall and South Devon
07860 113884

Mark Pickford Wiltshire, Berks, Glos,
Bucks, Hants, Oxfordshire, Northants
07928 461264

Jeff Trunkfield East/West Sussex, Kent, Surrey
07977 586172

MIDLANDS AND WALES

Aran Owen Part Staffs, part Cheshire, part
Shropshire
07825 046446

David Gadd Clwyd, Powys, part Shropshire,
Gwynedd and Anglesey
07970 111834

Fearghal Gallagher part Cheshire, North Derbys,
North Wales, part Staffs
07990 535613

Tony Hack Cardigan and Pembrokeshire
07765 222972

Rhys Jones Dyfed
07902 278252

Sally Lloyd Herefordshire, Gwent
07805 626155

Richard Mallett South Shrops, Hereford and
Worcester, part Staffs
07825 046446

Rodger Mather East Midlands and South East Staffs
07719 708795

Idris Morgan Carmarthen
07783 578848

Kevin Naughton North Shropshire, South Cheshire
07956 492499

Richard Thomas Carmarthenshire and
Pembrokeshire
07813 555978

Will Tucker South and South East Wales
07915 881466

NORTH AND SCOTLAND

Lizzie Bradley North Yorkshire, Tyne and Wear,
Durham
07521 922897

Brian Brumby Isle of Man
07624 453625

Tom Callan Part Scotland
07786 631059

Richard Green Yorkshire, Norfolk, Suffolk,
Bedfordshire, part Derbyshire
07761 454359

Robert Hunter Lanarkshire, Lothian, Fife, Borders
07774 134787

Alan Kennedy Bute
07712 526443

Graham Kirby Lancashire
07715 478622

George McConnell North Ayrshire, Renfrewshire
07949 310147

Frances Mellor part Lancs, Cheshire, Derbyshire
& Yorks
07956 568535

Adam Montgomerie Ayrshire
07821 267354

John Montgomery Central Scotland
07778 478341

Ian Plews North Cumbria and South-West Scotland
07926 883029

Sammy Sugden Craven
07749 108330

NORTHERN IRELAND

John Berry Armagh, Fermanagh, Sth Down, Sth
Tyrone
07968 623477

Steven Brown part Mid Ulster
07713 084003

Claire Hunter South Antrim

07841 416313

William Hunter West Tyrone, Londonderry

07740 531051

Andrew Kennedy Ballymena, Larne

07762 168039

William Kerr part Antrim

07956 451000

Robin Lamb North Down

07745 289428

Clive Noble Co. Tyrone, Co. Londonderry

07821 378639

Shay O'Neill East Tyrone, North Antrim

07519 490527

Robert Stewart North Down

07513 468813

WELCOME TO THE SEMEX AUTUMN GRAZING CATALOGUE 2023

With the dairy industry drive towards a smaller, healthier more efficient cow, Semex stands right at the forefront as the obvious choice for an autumn calver. With over 50% of the ACI Index being made up of fertility, survival, leg and udder health, Semex now has 7 of the top 10 proven fertility bulls with 14 in the top 25, 5 of the top 10 lifespan bulls and 4 of the top 10 SCC bulls. The Semex stud is home to 5 top 25 ACI bulls, Progenesis Ascend (page 6), Winstar Graziano (page 8), Progenesis Raptors (page 11), Westcoast River (page 11) and Westcoast Yamaska (page 13). Other bulls to look out for are OCD

Chronicle and Westcoast River with an Immunity score of over 110. New to 2023 is the Methane Efficiency trait and Westcoast Earlybird, Progenesis Raptors, Westcoast River, Westcoast Rocknroll and McIntosh Calmac Rolling Rock, all have a Methane Efficiency of 105+.

HOLSTEIN

- 6 WESTCOAST **ALMAMATER**
- 6 PROGENESIS **ASCEND**
- 7 OCD **CHRONICLE**
- 7 WESTCOAST **EARLYBIRD**
- 8 WINSTAR **GRAZIANO**
- 8 WINSTAR **GREYCUP**
- 9 WESTCOAST **MIDMARCH**
- 9 PROGENESIS **PARTNER**
- 10 PROGENESIS **PATTERN**
- 10 WESTCOAST **PERSEUS**
- 11 PROGENESIS **RAPTORS**
- 11 WESTCOAST **RIVER**
- 12 WESTCOAST **ROCKNROLL**

- 12 MCINTOSH CALMAC **ROLLING ROCK**

- 13 WESTCOAST **YAMASKA**

BRITISH FRIESIAN

- 14 BANKHOUSE **ARTHUR**
- 14 WHINNOW **WEBSITE**

JERSEY

- 16 LENCREST **BROADBAND P**
- 16 JX RIVER VALLEY **CHIEF**
- 17 JX HAWARDEN **LAZER {5}-PP**
- 17 JX VIERRA **OZZY {5}**

FLECKVIEH

- 19 GRÜGRU **LORBAS P**

MONTBELIARDE

- 20 MARMADUC
- 20 SANDERO

BEEF

- 21 NORBRECK **IZ PICK ME**

BULLS HIGHLIGHTED IN GREEN ARE IN THE TOP 25 FOR ACI



GRAZINGPRO

ACI & IMMUNITY HEALTH INDEX EXPLAINED

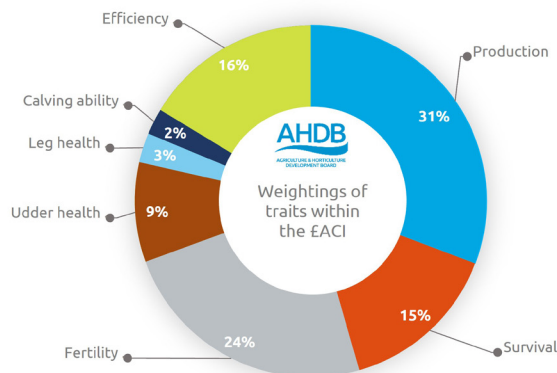
AUTUMN CALVING INDEX

Promotes milk quality, with more weight on volume than the ESCI

- Places strong emphasis on fertility
- Selects for reduced maintenance cost
- Improves udder and leg health
- Places strong emphasis on longevity
- Promotes easier calving
- Improves functional type - Feet and Legs and Udders

The EACI value represents the additional profit a high EACI bull is expected to return from each of its milking daughters over her lifetime compared with an average bull of zero EACI.

The pie chart shows the breakdown of the individual weighting of traits in the EACI. (Source AHDB)



This index has been calculated on its own base and for a specific farming system; so comparison of bulls on the EPLI or EACI list is not possible.

METHANE EFFICIENCY EXPLAINED



Selecting Methane Efficiency is the simplest, lowest-cost way to reduce CH4 emissions. This is a genetic change that is permanent and cumulative and has an average reliability of 70% with no significant impact on other traits.

Methane (CH4) is a colourless, odourless gas made of carbon and hydrogen that enters the atmosphere from both human related activities and natural sources. The average Holstein cow produces nearly 500g CH4 daily totaling 180kg annually with 95% emitted from burping.

Selecting a Methane Efficient bull is easy. The relative breeding value (RBV) index has a mean of 100, a standard deviation of 5, with proofs generally ranging from 85-115. Dairy farmers consistently selecting bulls averaging 105 and higher will meet an overall 20% reduction of CH4 Emissions by 2050.

HEALTH & FITNESS		
Immunity		107
Calf Immunity		100
Methane		105
Lameness Advantage	2.8	52% Rel
SCC	-21	69% Rel
Mastitis	-2	69% Rel
Calf Survival	1.4	46% Rel
Lifespan (Days)	83	52% Rel
Fertility Index	9.9	61% Rel

EXAMPLE

Immunity	107
Calf Immunity	100
Methane	105

BREEDING THE WAY TO LOW METHANE COWS

CROSSBREEDING STRATEGY

A crossbreeding strategy should be well thought out, well organized and use the best bulls from each breed that suit your individual dairy farm requirements and conditions.

For the best crossbreeding results, it is important to start using two top-quality breeds. These breeds must complement each other well and each breed should have a large enough selection to meet your breeding requirements. Mating two breeds together with the traits your farm is trying to achieve is called complementarity selection.

Heterosis is the additional gain achieved above the average genetic level of the two pure parent breeds. Typically, the improvements seen with heterosis can be in the region of:

- **5% increase in production***
- **10% decrease in mortality.**
- **10% Increase in fertility, health and survival.**

HETEROSIS EFFECT

2 Way Cross	67% Heterosis
3 Way Cross	85% Heterosis
4 Way Cross	94% Heterosis

Please speak to your local Semex Genetic Consultant for further details on a tailor-made crossbreeding programme to suit your herd's requirements.

* 5% increase in production compared to an average of the 2 breeds.

PRODUCT KEY

The key offers a basic explanation of the symbols used for the bulls in this catalogue. For more detailed information please visit www.semex.co.uk or ask your local Semex Genetic Consultant. N/A, where used in this catalogue, means Not Available.



CALVING EASE

Easier Calving Sires



FERTILITY FIRST

High Fertility Sires



IMMUNITY+

Disease-resistant Genetics



SEMEXX

More Heifers



POLLED

Breed-leading Polled Sires



A2A2

Homozygous A2A2 carrier sires



ROBOTREADY

Built for Automation

Therefore, the value of heterosis or Hybrid Vigour on the Bottom line should be substantial for commercial dairy producers.

Crossbreeding means there is less risk of inbreeding.

What Heterosis or Hybrid Vigour can do:

- **Boost Fertility**
- **Increase Longevity**
- **Improve Disease Resistance**
- **Achieve a boost in Production**
- **Improve overall Herd Efficiency**
- **Lead to more profit and less work**

WESTCOAST **ALMAMATER**



Bull: Westcoast Almamater

SMALL, POWERFUL DAUGHTERS THAT CARRY CONDITION

EACI 560

ALCOVE x MONTANA x SUPERSHOT

AI CODE **H06157** A2A2 BLF BYF CNF CVF DPF RDF HH1F HH2F HH3F HH4F HH5F HH6F HCDF

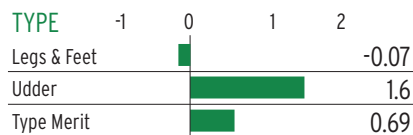
INDEX REL % 81

BULL HBN 64000013127706



PRODUCTION

UK Dtrs/Hrds	27/11		
Milk (kg)	331	89% Rel	
Fat (kg)	27	+0.16%	
Prot (kg)	19.5	+0.01%	



HEALTH & FITNESS

Immunity *		109
Calf Immunity *		103
Methane *		103
Lameness Advantage	3.7	57% Rel
SCC	-9	90% Rel
Mastitis	0	71% Rel
Calf Survival	0.3	97% Rel
Lifespan (Days)	96	72% Rel
Fertility Index	14.2	64% Rel
TB Advantage	1.8	52% Rel

Proof Source: UK Production and Management: AHDB Dairy. UK Type: Holstein UK. Genetic trait codes are shown whether the bull is a carrier or not.

PROGENESIS **ASCEND**



Bull: Progenesis Ascend

HIGHLY EFFICIENT, GREAT PRODUCTION AND DAUGHTERS THAT GET BACK IN CALF EASILY. THE COMPLETE ACI BULL

EACI 744

ZAZZLE x ACHIEVER x DELTA

AI CODE **H07185** A2A2 BLF BYF CNF CVF DPF RDF HH1F HH2F HH3F HH4F HH5F HH6C HCDF

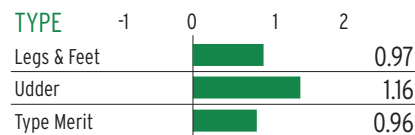
INDEX REL % 66

BULL HBN 64000013996376



PRODUCTION

UK Dtrs/Hrds	0/0		
Milk (kg)	351	73% Rel	
Fat (kg)	44	+0.35%	
Prot (kg)	20.6	+0.01%	



HEALTH & FITNESS

Immunity *		107
Calf Immunity *		100
Methane *		105
Lameness Advantage	2.8	52% Rel
SCC	-21	69% Rel
Mastitis	-2	69% Rel
Calf Survival	1.4	46% Rel
Lifespan (Days)	83	52% Rel
Fertility Index	9.9	61% Rel
TB Advantage	1.2	43% Rel

Proof Source: UK Production and Management: AHDB Dairy. UK Type: Holstein UK. Genetic trait codes are shown whether the bull is a carrier or not.

OCD **CHRONICLE**



Bull: OCD Chronicle

WELL BALANCED BULL TRANSMITTING STRENGTH, PRODUCTION AND IMMUNITY

£ACI 598

EINSTEIN x FRAZZLED x RUBICON

AI CODE H06877 A2A2 DPF RDF BLF CNF BYF MWF CVF HH1F HH2F HH3F HH4F HH5F HH6F HCDF

INDEX REL % 67

BULL HBN 653215229448



PRODUCTION

UK Dtrs/Hrds	0/0		
Milk (kg)	729	73% Rel	
Fat (kg)	46.1	+0.19%	
Prot (kg)	27	+0.03%	

TYPE	-1	0	1	2	
Legs & Feet		<div style="width: 100%;"></div>			0.53
Udder		<div style="width: 100%;"></div>			1.8
Type Merit		<div style="width: 100%;"></div>			1.49

HEALTH & FITNESS

Immunity *		110
Calf Immunity *		107
Methane *		102
Lameness Advantage	2.6	52% Rel
SCC	-29	70% Rel
Mastitis	-3	69% Rel
Calf Survival	1.9	45% Rel
Lifespan (Days)	84	60% Rel
Fertility Index	1.1	62% Rel
TB Advantage	0.9	42% Rel

Proof Source: UK Production and Management: AHDB Dairy. UK Type: Holstein UK. Genetic trait codes are shown whether the bull is a carrier or not.

Proof Source: UK Production and Management: AHDB Dairy. UK Type: Holstein Proof Sources: UK Production and Management AHDB Dairy, UK Type: Holstein UK August 2023. Genetic trait codes are shown whether the bull is a carrier or not. Immunity Indices*: Semex Alliance- Methane Efficiency; Lactanet CDN

WESTCOAST **EARLYBIRD**



Bull: Westcoast Earlybird

FAT AND PROTEIN SPECIALIST. FERTILE DAUGHTERS WITH GREAT LONGEVITY

£ACI 637

EINSTEIN x RENEGADE x SUPERHERO

AI CODE H07449 DPF RDF BLF CNF BYF MWF CVF HH1F HH2F HH3F HH4F HH5F HH6F HCDF

INDEX REL % 67

BULL HBN 6413636769



PRODUCTION

UK Dtrs/Hrds	0/0		
Milk (kg)	824	73% Rel	
Fat (kg)	43.1	+0.147%	
Prot (kg)	31.8	+0.06%	

TYPE	-1	0	1	2	
Legs & Feet		<div style="width: 100%;"></div>			0.5
Udder		<div style="width: 100%;"></div>			1.5
Type Merit		<div style="width: 100%;"></div>			1.1

HEALTH & FITNESS

Immunity *		102
Calf Immunity *		97
Methane *		107
Lameness Advantage	2.6	51% Rel
SCC	-16	70% Rel
Mastitis	-1	68% Rel
Calf Survival	-0.2	43% Rel
Lifespan (Days)	97	60% Rel
Fertility Index	5.6	62% Rel
TB Advantage	3.6	40% Rel

Proof Source: UK Production and Management: AHDB Dairy. UK Type: Holstein UK. Genetic trait codes are shown whether the bull is a carrier or not.

WINSTAR **GRAZIANO**



TOP 20 ACI BULL

EXTREME CFP KG ; HIGH FERTILITY DAUGHTERS

£ACI 722

Bull: Winstar Graziano

ZAZZLE x CRIMSON x JEDI

AI CODE **H07016** A1A2 BLF BYF CNF CVF DPF RDF HH1F HH2F HH3F HH4F HH5F HH6F HCDF

INDEX REL % 66

BULL HBN 65003212150599



PRODUCTION

UK Dtrs/Hrds	0/0		
Milk (kg)	356	73% Rel	
Fat (kg)	46.4	+0.37%	
Prot (kg)	25.1	+0.15%	

TYPE	-1	0	1	2	
Legs & Feet		█			-0.11
Udder		█	█		0.56
Type Merit		█			0.2

HEALTH & FITNESS

Immunity *		104
Calf Immunity *		100
Methane *		102
Lameness Advantage	2.7	52% Rel
SCC	-19	69% Rel
Mastitis	-1	68% Rel
Calf Survival	2	46% Rel
Lifespan (Days)	83	57% Rel
Fertility Index	8.4	61% Rel
TB Advantage	1.9	43% Rel

Proof Source: UK Production and Management: AHDB Dairy. UK Type: Holstein UK. Genetic trait codes are shown whether the bull is a carrier or not.

WINSTAR **GREYCUP**



EXTREME CFP KG ; HIGH FERTILITY DAUGHTERS

£ACI 671

Bull: Winstar Greycup

ZAZZLE x CRIMSON x JEDI

AI CODE **H07016** A1A2 BLF BYF CNF CVF DPF RDF HH1F HH2F HH3F HH4F HH5F HH6F HCDF

INDEX REL % 66

BULL HBN 65003212150603



PRODUCTION

UK Dtrs/Hrds	0/0		
Milk (kg)	648	73% Rel	
Fat (kg)	44.1	+0.2%	
Prot (kg)	30.9	+0.11%	

TYPE	-1	0	1	2	
Legs & Feet		█			-0.15
Udder		█	█		0.27
Type Merit		█			0.2

HEALTH & FITNESS

Immunity *		105
Calf Immunity *		104
Methane *		103
Lameness Advantage	3	52% Rel
SCC	-14	69% Rel
Mastitis	-1	68% Rel
Calf Survival	1.6	46% Rel
Lifespan (Days)	83	57% Rel
Fertility Index	6.2	61% Rel
TB Advantage	1.4	43% Rel

Proof Source: UK Production and Management: AHDB Dairy. UK Type: Holstein UK. Genetic trait codes are shown whether the bull is a carrier or not.

WESTCOAST MIDMARCH



Bull: Westcoast Midmarch

HIGH FAT % FROM LONG LIVED DAUGHTERS

EACI 631

ZASBERILLA x RENEGADE x SUPERHERO

AI CODE **H07100** A2A2 BLF BYF CNF CVF DPF RDF HH1F HH2F HH3F HH4F HH5F HH6F HCDF

INDEX REL % 67

BULL HBN 64000013636750



ROBOTREADY



A2A2



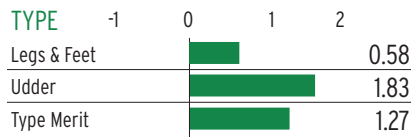
GRAZINGPRO



SEMEXX

PRODUCTION

UK Dtrs/Hrds	0/0	
Milk (kg)	319	73% Rel
Fat (kg)	40.4	+0.32%
Prot (kg)	23.5	+0.15%



HEALTH & FITNESS

Immunity *		106
Calf Immunity *		102
Methane *		104
Lameness Advantage	2.8	51% Rel
SCC	-16	69% Rel
Mastitis	-2	68% Rel
Calf Survival	1.7	45% Rel
Lifespan (Days)	82	58% Rel
Fertility Index	6.9	61% Rel
TB Advantage	1.5	43% Rel

Proof Source: UK Production and Management: AHDB Dairy. UK Type: Holstein UK. Genetic trait codes are shown whether the bull is a carrier or not.

PROGENESIS PARTNER



Bull: Progenesis Partner

EXTREME PRODUCTION BULL, WITH WIDE UDDERS SAT BELOW WIDE RUMPS AND WIDTH THROUGHOUT

EACI 646

MAHOMES x EINSTEIN x ACHIEVER

AI CODE **H07446** A2A2 TD TR TL TY MWT TV HH1F HH2F HH3F HH4F HH5F HH6F HCDF TD TR TL TY MWT TV

INDEX REL % 66

BULL HBN 6414003977



IMMUNITY+



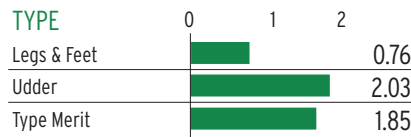
A2A2



SEMEXX

PRODUCTION

UK Dtrs/Hrds	0/0	
Milk (kg)	960	73% Rel
Fat (kg)	43.2	+0.05%
Prot (kg)	34.8	+0.04%



HEALTH & FITNESS

Immunity *		105
Calf Immunity *		104
Methane *		104
Lameness Advantage	1.9	51% Rel
SCC	-10	68% Rel
Mastitis	-1	68% Rel
Calf Survival	0.4	37% Rel
Lifespan (Days)	79	59% Rel
Fertility Index	8.5	61% Rel
TB Advantage	3.8	40% Rel

Proof Source: UK Production and Management: AHDB Dairy. UK Type: Holstein UK. Genetic trait codes are shown whether the bull is a carrier or not.

PROGENESIS **PATTERN**



A2A2 HIGH MILK BULL
£ACI 651

ZAZZLE x CHALLENGER x IMAX

AI CODE **H07445** A2A2 TD TR TL TY MWT TV HH1F HH2F HH3F HH4F HH5F HH6F HCDF

INDEX REL % 66

BULL HBN 6413996599



PRODUCTION

UK Dtrs/Hrds	0/0		
Milk (kg)	878	73% Rel	
Fat (kg)	49.4	+0.16%	
Prot (kg)	33.5	+0.05%	

TYPE	-1	0	1	2	
Legs & Feet					0.98
Udder					2.19
Type Merit					1.49

HEALTH & FITNESS

Immunity *		104
Calf Immunity *		98
Methane *		103
Lameness Advantage	3.1	51% Rel
SCC	-17	69% Rel
Mastitis	-2	68% Rel
Calf Survival	0.7	46% Rel
Lifespan (Days)	83	57% Rel
Fertility Index	4.5	61% Rel
TB Advantage	2.8	43% Rel

Proof Source: UK Production and Management: AHDB Dairy. UK Type: Holstein UK. Genetic trait codes are shown whether the bull is a carrier or not.

WESTCOAST **PERSEUS**



TOP 20 ACI BULL

DAUGHTERS THAT THRIVE IN GRASS-BASED SYSTEMS WORLDWIDE

£ACI 544

Bull: Westcoast Perseus

PENMANSHIP x DOORMAN x ROBUST

AI CODE **H04785** A2A2 BLF BYF CNF CVF DPF RDF HH1F HH2F HH3F HH4F HH5C HH6F HCDF

INDEX REL % 98

BULL HBN 64000012283318



PRODUCTION

UK Dtrs/Hrds	755/145		
Milk (kg)	533	99% Rel	
Fat (kg)	23.4	+0.02%	
Prot (kg)	27.3	+0.11%	

TYPE	-1	0	1	2	
Legs & Feet					-0.86
Udder					0.89
Type Merit					-0.03

HEALTH & FITNESS

Immunity *		109
Calf Immunity *		102
Methane *		102
Lameness Advantage	1.1	91% Rel
SCC	-18	99% Rel
Mastitis	0	98% Rel
Calf Survival	-0.9	97% Rel
Lifespan (Days)	97	97% Rel
Fertility Index	11	96% Rel
TB Advantage	1.1	99% Rel

Proof Source: UK Production and Management: AHDB Dairy. UK Type: Holstein UK. Genetic trait codes are shown whether the bull is a carrier or not.

PROGENESIS **RAPTORS**

TOP 20 ACI BULL



LOCOMOTION SPECIALIST WITH HIGH COMPONENTS

EACI 726

Bull: Progenesis Raptors

PLINKO x ACHIEVER x LEGENDARY

AI CODE H07189 A2A2 BLF BYF CVF CNF RDF DPF HH1F HH2F HH3F HH4F HH5F HH6F HCDF

INDEX REL % 66

BULL HBN 64000013807942



PRODUCTION

UK Dtrs/Hrds	0/0		
Milk (kg)	696	73% Rel	
Fat (kg)	48.3	+0.23%	
Prot (kg)	30.5	+0.09%	

TYPE	-1	0	1	2	
Legs & Feet					0.36
Udder					0.18
Type Merit					0.21

HEALTH & FITNESS

Immunity *		103
Calf Immunity *		101
Methane *		106
Lameness Advantage	2.9	52% Rel
SCC	-16	69% Rel
Mastitis	-1	69% Rel
Calf Survival	-0.5	46% Rel
Lifespan (Days)	81	57% Rel
Fertility Index	6.1	61% Rel
TB Advantage	2.7	45% Rel

Proof Source: UK Production and Management: AHDB Dairy. UK Type: Holstein UK. Genetic trait codes are shown whether the bull is a carrier or not.

WESTCOAST **RIVER**



PRODUCES SMALL SLEEK, BLACK COWS WITH FANTASTIC HEALTH TRAITS AND BREED LEADING FERTILITY

EACI 626

Bull: Westcoast River

GUARANTEE x MONTANA x SUPERSHOT

AI CODE H06057 A2A2 BLF BYF CVF CNF RDF DPF HH1F HH2F HH3F HH4F HH5F HH6F HCDF

INDEX REL % 86

BULL HBN 64000012843180



PRODUCTION

UK Dtrs/Hrds	71/19		
Milk (kg)	502	93% Rel	
Fat (kg)	27.7	0.09%	
Prot (kg)	21.8	+0.06%	

TYPE	-1	0	1	2	
Legs & Feet					0.17
Udder					0.96
Type Merit					0.47

HEALTH & FITNESS

Immunity *		116
Calf Immunity *		106
Methane *		107
Lameness Advantage	2.3	59% Rel
SCC	-29	92% Rel
Mastitis	-4	75% Rel
Calf Survival	1.5	91% Rel
Lifespan (Days)	95	72% Rel
Fertility Index	15.1	76% Rel
TB Advantage	1.4	51% Rel

Proof Source: UK Production and Management: AHDB Dairy. UK Type: Holstein UK. Genetic trait codes are shown whether the bull is a carrier or not.

Westcoast **ROCKNROLL**



HIGH FERTILITY ALL ROUNDER

£ACI 603

Bull: Westcoast Rocknroll

PYRAMID x ALCOVE x MONTANA

AI CODE **H06928** DPF RDF BLF CNF BYF MWF CVF HH1F HH2F HH3F HH4F HH5F HH6F HCDF

INDEX REL % 67

BULL HBN 6413442745



PRODUCTION

UK Dtrs/Hrds	0/0		
Milk (kg)	759	73% Rel	
Fat (kg)	34.7	+0.04%	
Prot (kg)	30	+0.07%	

TYPE	-1	0	1	2	
Legs & Feet					0.8
Udder					1.3
Type Merit					0.9

HEALTH & FITNESS

Immunity *		104
Calf Immunity *		101
Methane *		109
Lameness Advantage	2.0	52% Rel
SCC	-12	70% Rel
Mastitis	-1	68% Rel
Calf Survival	1.3	38% Rel
Lifespan (Days)	109	60% Rel
Fertility Index	9.7	63% Rel
TB Advantage	2.0	45% Rel

Proof Source: UK Production and Management: AHDB Dairy. UK Type: Holstein UK. Genetic trait codes are shown whether the bull is a carrier or not.

MCINTOSH CALMAC **ROLLING ROCK**



HIGH PRODUCTION WITH LOW SCC AND FANTASTIC UDDER

£ACI 556

Bull: Mcintosh Calmac Rolling Rock

RANGER RED x SPARTACUS x BRENNAN

AI CODE **H07682** HH1F HH2F HH3F HH4F HH5F HH6F HCDF TD RC TC CNF TY MWT TV

INDEX REL % 65

BULL HBN 6414335982



PRODUCTION

UK Dtrs/Hrds	0/0		
Milk (kg)	865	72% Rel	
Fat (kg)	38.2	0.04%	
Prot (kg)	30.7	+0.02%	

TYPE	-1	0	1	2	
Legs & Feet					1
Udder					2.2
Type Merit					1.9

HEALTH & FITNESS

Immunity *		109
Calf Immunity *		109
Methane *		106
Lameness Advantage	1.9	50% Rel
SCC	-19	67% Rel
Mastitis	-2	67% Rel
Calf Survival	2.0	36% Rel
Lifespan (Days)	112	57% Rel
Fertility Index	4.8	60% Rel
TB Advantage	2.3	41% Rel

Proof Source: UK Production and Management: AHDB Dairy. UK Type: Holstein UK. Genetic trait codes are shown whether the bull is a carrier or not.

HOLSTEIN FRIESIAN

PROVEN

WESTCOAST **YAMASKA**



Bull: Westcoast Yamaska

HIGHLY PROVEN, BREED LEADING FAT AND PROTEIN % BULL

£ACI 597

AFTERBURNER x YODER x FREDDIE

AI CODE H05071 A2A2 BLF BYF CNF CVF DPF RDF HH1F HH2F HH3F HH4F HH5F HH6F HCDF

INDEX REL % 98

BULL HBN 64000012371165



A2A2



FERTILITY FIRST



SEMEX



IMMUNITY+

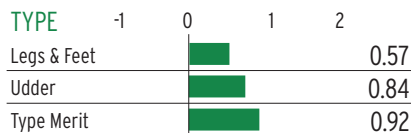
PRODUCTION

UK Dtrs/Hrds 660/128

Milk (kg) 398 99% Rel

Fat (kg) 36.1 +0.23%

Prot (kg) 30.2 +0.2%



HEALTH & FITNESS

Immunity * 106

Calf Immunity * 102

Methane * 92

Lameness Advantage 2 87% Rel

SCC -8 98% Rel

Mastitis -1 97% Rel

Calf Survival 1.5 97% Rel

Lifespan (Days) 99 96% Rel

Fertility Index 7.3 96% Rel

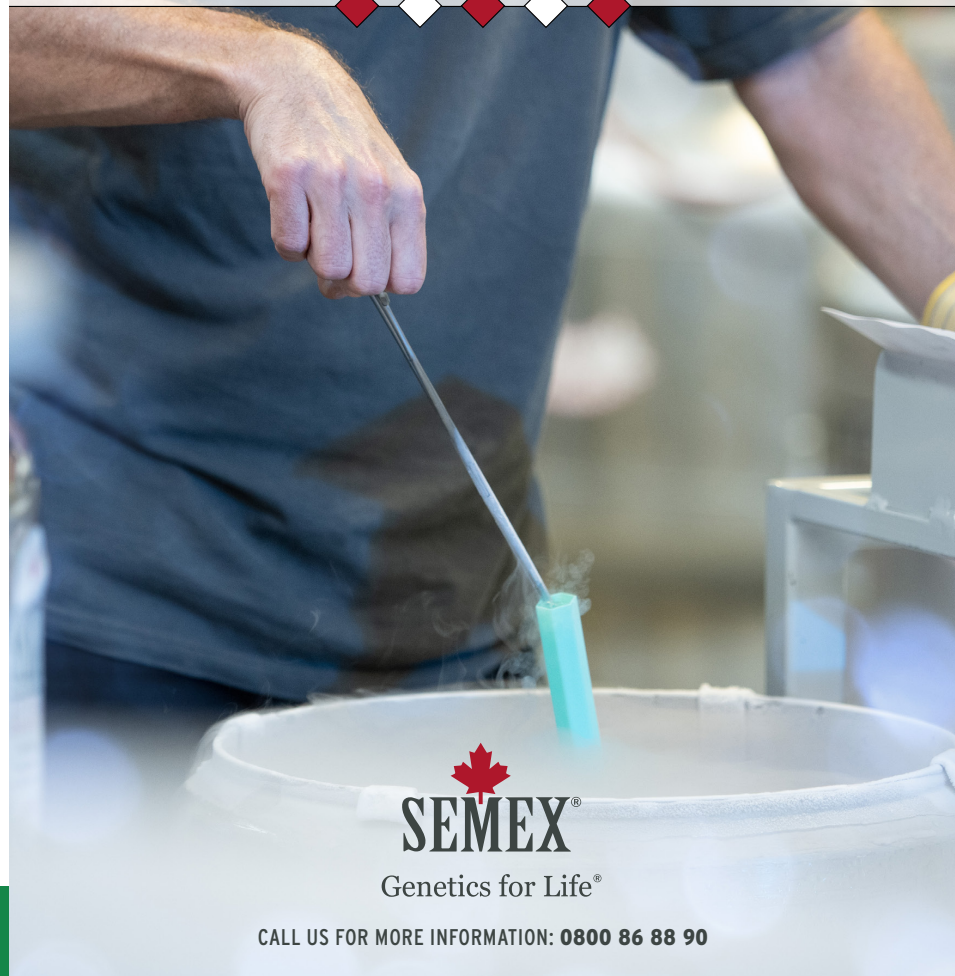
TB Advantage 2.1 98% Rel

Proof Source: UK Production and Management: AHDB Dairy. UK Type: Holstein
Proof Sources: UK Production and Management AHDB Dairy. UK Type: Holstein UK
August 2023. Genetic trait codes are shown whether the bull is a carrier or not.
Immunity Indices*: Semex Alliance- Methane Efficiency: Lactanet CDN

SEMEX DIY AI

"DIY AI GIVES YOU THE LIFELONG SKILL, KNOWLEDGE AND FLEXIBILITY TO MANAGE YOUR COW'S FERTILITY ON HER SCHEDULE, NOT SOMEONE ELSE'S"

DR ERIN WILLIAMS, REPRODUCTIVE BIOLOGIST



Genetics for Life®

CALL US FOR MORE INFORMATION: 0800 86 88 90

BANKHOUSE ARTHUR



Bull: Bankhouse Arthur

BACKED BY GENERATIONS OF HIGH FERTILITY COWS

£ACI 153

JOSEPH X PATROL X GRIETMAN

AI CODE BF1239

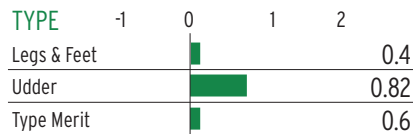
INDEX REL % 64

BULL HBN 20102214302312



PRODUCTION

UK Dtrs/Hrds	0/0		
Milk (kg)	-229	67% Rel	
Fat (kg)	-7.7	+0.04%	
Prot (kg)	-5	+0.04%	



HEALTH & FITNESS

Lameness Advantage	-1.3	52% Rel
SCC	5	68% Rel
Mastitis	-1	68% Rel
Calf Survival	1.8	41% Rel
Lifespan (Days)	48	59% Rel
Fertility Index	6.4	62% Rel
TB Advantage	2	48% Rel

Proof Source: UK Production and Management: AHDB Dairy, UK Type: Holstein UK. Genetic trait codes are shown whether the bull is a carrier or not.

WHINNOW WEBSITE



Bull: Whinnow Website

STRONG AND BLACK WITH GREAT LOCOMOTION

£ACI 50

TOPMAN X BETA X ROCKET 3

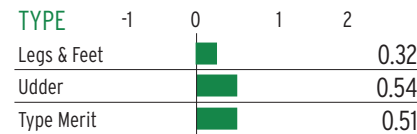
AI CODE BF1202

INDEX REL % 65

BULL HBN 20100756602563

PRODUCTION

UK Dtrs/Hrds	0/0		
Milk (kg)	-189	68% Rel	
Fat (kg)	-6.4	+0.03%	
Prot (kg)	-5.6	+0.02%	



HEALTH & FITNESS

Lameness Advantage	-1.9	53% Rel
SCC	9	70% Rel
Mastitis	0	69% Rel
Calf Survival	-0.3	66% Rel
Lifespan (Days)	15	61% Rel
Fertility Index	6.4	63% Rel
TB Advantage	-1.3	52% Rel

Proof Source: UK Production and Management: AHDB Dairy, UK Type: Holstein UK. Genetic trait codes are shown whether the bull is a carrier or not.

Proof Sources: UK Production and Management AHDB Dairy, UK Type: Holstein UK August 2023. Genetic trait codes are shown whether the bull is a carrier or not.

LENCREST **BROADBAND P**



LOW MAINTENANCE, WITH ADDED STRENGTH & WIDTH

EACI 305

Bull: Lencrest Broadband P

DEMOS-P x VIVALDI x PREMIER

AI CODE J2932

INDEX REL % 58

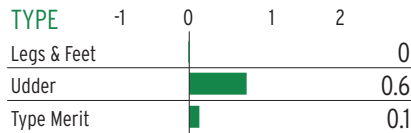
BULL HBN 76120345574



PRODUCTION			
UK Dtrs/Hrds	0/0		
Milk (kg)	-79	59% Rel	
Fat (kg)	17.9	+0.43%	
Prot (kg)	7.3	+0.2%	

HEALTH & FITNESS

Immunity*		96
Calf Immunity*		95
SCC	8	60% Rel
Lifespan (Days)	96	52% Rel
Fertility Index	-5.7	54% Rel



Jersey Sources: UK Production and Management AHDB Dairy, Jersey Cattle Society UK. Genetic trait codes are shown whether the bull is a carrier or not. Immunity Indices*: Semex Alliance

JX RIVER VALLEY **CHIEF (6)**



PRODUCTION SPECIALIST FROM EXCELLENT UDDERS

EACI 380

Bull: JX River Valley Chief

CHECKMATE{5} x CHROME x FASTRACK

AI CODE J2690

INDEX REL % 77

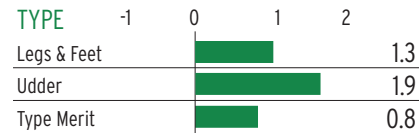
BULL HBN 7675341195



PRODUCTION			
UK Dtrs/Hrds	0/0		
Milk (kg)	319	72% Rel	
Fat (kg)	32.3	+0.35%	
Prot (kg)	15.8	+0.09%	

HEALTH & FITNESS

Immunity*		93
Calf Immunity*		98
SCC	7	84% Rel
Lifespan (Days)	91	67% Rel
Fertility Index	-11.4	76% Rel



Jersey Sources: UK Production and Management AHDB Dairy, Jersey Cattle Society UK. Genetic trait codes are shown whether the bull is a carrier or not. Immunity Indices*: Semex Alliance

JX HAWARDEN LAZER {5}-PP



IMMUNITY+, POLLED AND COMPONENT SPECIALIST

£ACI 306

Bull: J Harwarden Lazer (5)-PP

JX HERM {4}-P X TRADITION {5}-P X NIKON

AI CODE J2839 A2A2 JHIF JNSF

INDEX REL % 53

BULL HBN 76003202631365

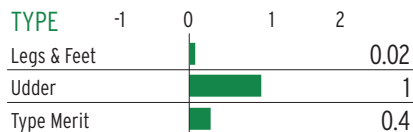


PRODUCTION

UK Dtrs/Hrds	0/0		
Milk (kg)	-10	55% Rel	
Fat (kg)	20.2	+0.39%	
Prot (kg)	10.9	+0.21%	

HEALTH & FITNESS

Immunity*		107
Calf Immunity*		113
SCC	13	55% Rel
Lifespan (Days)	54	48% Rel
Fertility Index	-5.2	49% Rel



Jersey Sources: UK Production and Management AHDB Dairy, Jersey Cattle Society UK. Genetic trait codes are shown whether the bull is a carrier or not. Immunity Indices*: Semex Alliance

JX VIERRA OZZY {5}



MASSIVE FAT & PROTEIN %

£ACI 285

Bull: JX Vierra Ozzy

JX ELVIS {6} x JX WHAMBAM{5} x VANDRELL {2}

AI CODE J2885 JHIF JNSF

INDEX REL % 55

BULL HBN 76003218042518

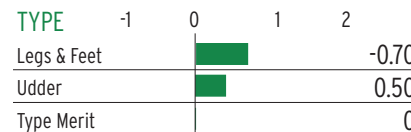


PRODUCTION

UK Dtrs/Hrds	0/0		
Milk (kg)	-51	56% Rel	
Fat (kg)	21	+0.46%	
Prot (kg)	9.6	+0.23%	

HEALTH & FITNESS

Immunity*		98
Calf Immunity*		99
SCC	11	56% Rel
Lifespan (Days)	39	50% Rel
Fertility Index	-10	51% Rel



Jersey Sources: UK Production and Management AHDB Dairy, Jersey Cattle Society UK. Genetic trait codes are shown whether the bull is a carrier or not. Immunity Indices*: Semex Alliance

GENOMIC**FLECKVIEH**

GRÜGRU **LORBAS P**



Bull: GRÜGRU Lorbass P

HIGH COMPONENT TRANSMITTER
AI CODE SM0459

BULL HBN 23120146772875 | GrüGru LORBAS POC

LUCKY x RENATO x PASTERNAK



SEMEX



POLLED



A2A2

PRODUCTION

Dtrs/Hrds

Milk (kg) 153 1280 ISET

Fat (kg) 41 +0.4%

Prot (kg) 23 +0.22%

CONFORMATION TRAITS

Daughters 22 82% Rel

Gobal Note 124

Feet & Legs 104

Mammary System 134

Proof Source: Swiss Genetics August 2023

FUNCTIONAL TRAITS

Somatic cell score 101

Mastitis resistance 98

Productive life 112

Fertility daughters 94

Persistency 107

Calving ease 119

Calving ease daughters 104

Milking speed 118

Milking temperament 113

LOOK NO FURTHER THAN SEMEX FOR ALL YOUR DIY AI CONSUMABLE NEEDS

WE SUPPLY EVERYTHING FROM LIQUID NITROGEN TOP-UPS AND
CONSUMABLES

CALL US FOR MORE INFORMATION: 0800 86 88 90

MARMADUC



**SMALLER DAUGHTERS WITH
EXCELLENT UDDERS**

AI CODE MB2331

BULL HBN 28002525813768

Dam: Hongroise

JIBICE X CORTIL X CAIMAN



PRODUCTION

Dtrs/Hrds	1132/803	95% Rel
Milk (kg)	1017	147 ISU
Fat (kg)	45	+0.06%
Prot (kg)	41	+0.09%

CONFORMATION TRAITS

Dtrs/Hrds	574/433	94% Rel
Type	114	
Feet & Legs	110	
Udder	124	

FUNCTIONAL TRAITS

Milking Speed	111
Temp	113
Calv ease	95
D Calv ease	95
Calf vit	95
Udder health	+0.5
SCS	+0.8
Clinical mastitis	-0.1
Fertility	+0.4
Cow fertility	+1.2
Heifer fertility	+1.2
Productive life	+0.2

SANDERO



MASSIVE MILK + SOLIDS BULL

AI CODE MB2505

BULL HBN 8844343151

Dam: Ombrette

OSSITO X LOTMAN X HACKER



PRODUCTION

Dtrs/Hrds	0/0	75% Rel
Milk (kg)	1251	176 ISU
Fat (kg)	51	+0.02%
Prot (kg)	43	+0.04%

CONFORMATION TRAITS

Dtrs/Hrds	0/0	63% Rel
Type	130	
Feet & Legs	118	
Udder	123	

FUNCTIONAL TRAITS

MS	122
Temp	127
Calv ease	92
D Calv ease	95
Calf vit	95
Udder health	+0.1
SCS	+0.2
Clinical mastitis	0
Fertility	+1.1
Cow fertility	+0.7
Heifer fertility	+0.7
Productive life	+2.2

NORBRECK **IZ PICK ME**



AI Code: BB1862

Sire: ROUND HILL ICE

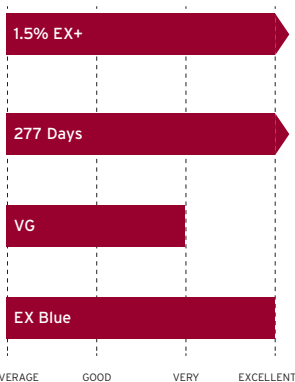
Dam: EMINENTE DE LA PRAULE

Bull: Columbus

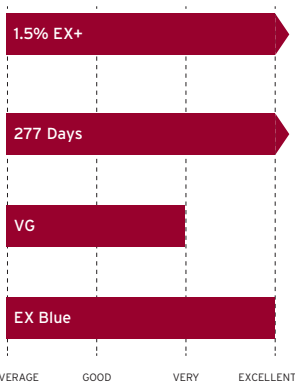
Ear Tag: UK740488701784

- A son of Round Hill Ice, Semex most popular BB sire.
- Easiest Calving BB in stud.
- Calves that will thrive and perform on any system.

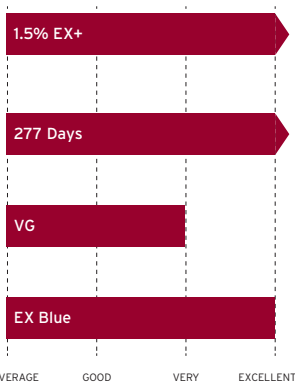
CALVING EASE



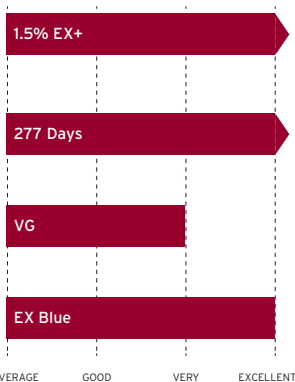
GESTATION LENGTH



CALF QUALITY

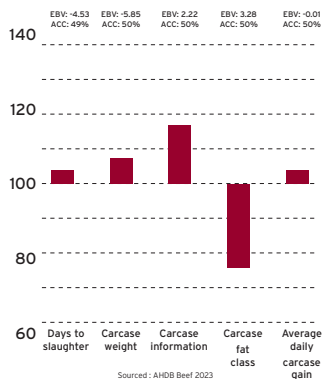


COAT COLOUR



Sourced : Norbreck Genetics 2023

EBV Carcase Results



Sourced : AHDB Beef 2023

The Semex International Dairy Conference

Mission

POSSIBLE

14th - 16th January 2024

BOOK NOW



Scan the QR code to book your place



Or contact your local Semex consultant to find out more



GRAZINGPRO

Maple Park, Monkton, Prestwick, Ayrshire KA9 2RJ | 0800 86 88 90 | www.semex.co.uk