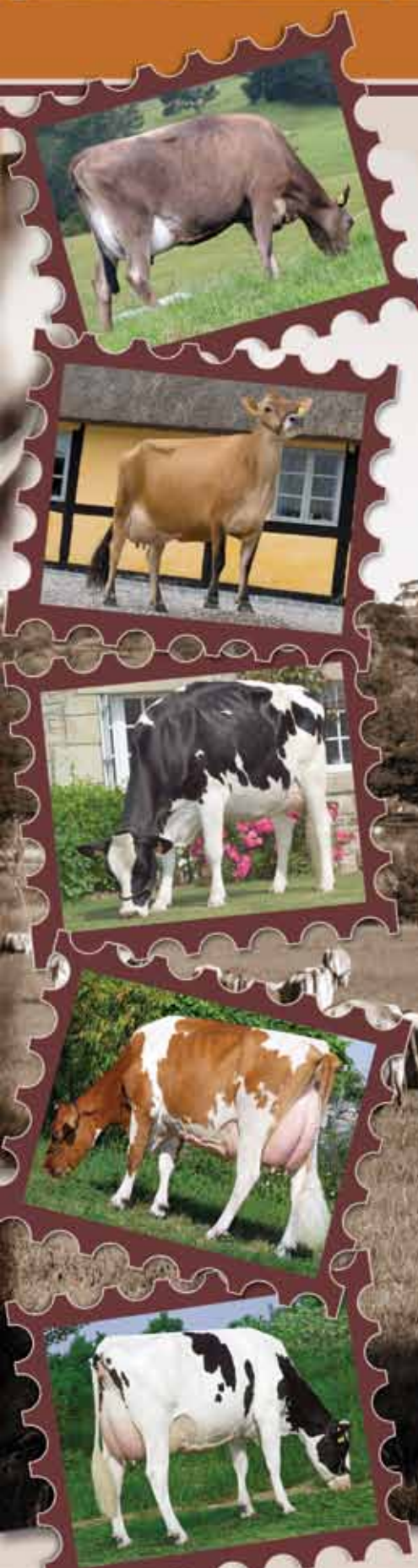


Milk & Honey

- THE GENIMEX JOURNAL -



EDITION 1
MAY 2008



- Foreword -



Genimex, or Genetic Actions International, as the business was known for the first six years of trading, is certainly no longer the new kid on the block when it comes to trading in the genetics industry. The business opened its doors in August 1996 and we knew all along that we should become a major player in the industry.

We can rightfully celebrate our successes as the genetic products that we have sold to our valued and loyal clients have done exceptionally well and the results are beyond dispute.

I find myself writing this, the first editorial of our newly launched Journal, while sitting in the Lagos Airport waiting to catch a flight back to South Africa after delivering dairy heifers to a group of Zimbabwe farmers that lost their farms in Zimbabwe and have started from scratch in Nigeria. They are really starting from scratch having to clear the bush build houses, dairy parlours, dairy factories, etc. etc. I mention this because they are so positive about life and what the future holds for them that I can not help being positive about the future of the dairy industry here in SA. We may have our ups and down in the dairy industry here in SA but ultimately we have a lot to be thankful for.

From the start of the business we have strived to supply quality genetics based on sound financial decisions with the objective of assisting in making our clients financially successful. There is little doubt that we have succeeded and the thousands of heifers and cows currently in milk throughout the country, that are progeny of the bulls we sold semen of, bear testimony of this.

It has not only been the quality of the genetics that we have sold but also the quality and dedication of our office and most importantly our sales team. To them we say thank you and hope and trust that we can assist in making their business successful.

It is planned that The Genimex Journal, MILK and HONEY will be published three times a year and the Journal will be used as a vessel to disseminate information to our current client base and also to prospective clients.

The first edition has been dedicated to highlight a selection of the bulls that are currently on our marketing lists. Over time we have found that too many bulls can be intimidating but unfortunately with the extent of our product range from Europe, New Zealand and the UK etc. we have to live with it. Due to limited space we have only highlighted a select group of bulls and supplied limited information on each of them. Should you require more information on any of them please do not hesitate to contact the representative in your area or the office.

Within this extensive product range there is something for everyone from the dairy breeder looking for show cattle, to the commercial dairy farmer that bases all his decisions on finances.

Further, we have included an article on Genomic selection which is the current buzz word in the genetic Industry, with our suppliers from New Zealand, LIC, being the leaders in the world.

Over the years we have supplied semen of so many bulls it would be difficult to mention them all but I feel it is necessary to mention some of our big names that have left their mark in the dairy industry and these include ERNEST, LEMVIG, MTOTO, JOCKO BESN, BOSS IRON, FUTUNA STAR etc.

We look forward to bringing you the Genimex Journal every three months and hope and trust that you will enjoy reading it and benefit from it.

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JERSEY

DJ Lirsk

Hb: 302098

Pedigree

Sire: FYN Lemvig
MGS: ØDA Heino
MGDS: FYN Tanic

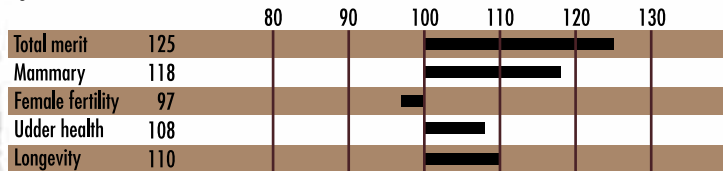
Average Yield of Daughters (1st lact.)

Daughters	77	Kg Protein	223
Herds	60	% Fat	5.95
Kg Milk	5.688	% Protein	4.09
Kg Fat	339		

Production Data

Total Daughters/Herds	98/78	Protein (kg)	25
Milk EBV (kg)	390	% Fat	0.18
Fat (kg)	36	% Protein	0.11

Lirsk Daughters



JERSEY

DJ May

Hb: 302229

Pedigree

Sire: Q Mirage
MGS: FYN Lemvig
MGDS: FYN Tanic

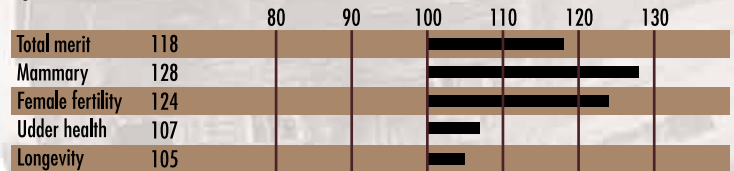
Average Yield of Daughters (1st lact.)

Daughters	71	Kg Protein	230
Herds	60	% Fat	5.66
Kg Milk	5.937	% Protein	3.88
Kg Fat	336		

Production Data

Total Daughters/Herds	96/77	Protein (kg)	16
Milk EBV (kg)	524	% Fat	-0.15
Fat (kg)	19	% Protein	-0.09

May Daughter



JERSEY

DJ Hovborg

Hb: 302265

Pedigree

Sire: JAS Hot
MGS: FYN Lemvig
MGDS: ØJY Mikkel

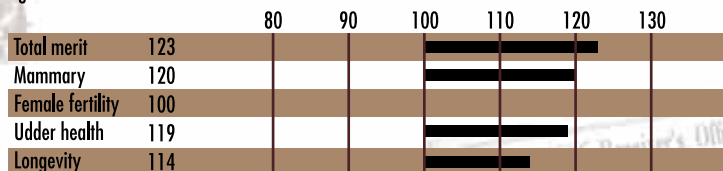
Average Yield of Daughters (1st lact.)

Daughters	70	Kg Protein	226
Herds	54	% Fat	5.81
Kg Milk	5.778	% Protein	3.91
Kg Fat	336		

Production Data

Total Daughters/Herds	86/68	Protein (kg)	17
Milk EBV (kg)	451	% Fat	0.00
Fat (kg)	25	% Protein	-0.02

Hovborg Daughter



JERSEY

Q Impuls

Hb: 301592

Pedigree

Sire: SKÆ Ide
MGS: JAS Byg
MGDS: FYN Haug

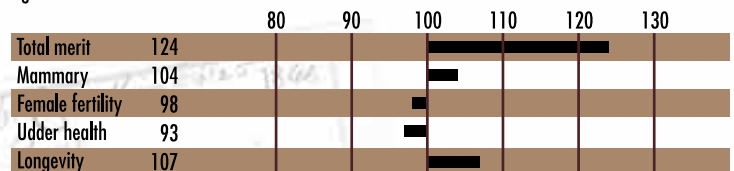
Average Yield of Daughters (1st lact.)

Daughters	2314	Kg Protein	252
Herds	481	% Fat	5.67
Kg Milk	6.227	% Protein	4.04
Kg Fat	353		

Production Data

Total Daughters/Herds	4750/588	Protein (kg)	39
Milk EBV (kg)	842	% Fat	-0.19
Fat (kg)	34	% Protein	0.09

Impuls Daughter



JERSEY

DJ Look

Hb: 301881

Pedigree

Sire: FYN Lemvig
MGS: M Brook BM
MGDS: ØJY Mikkel

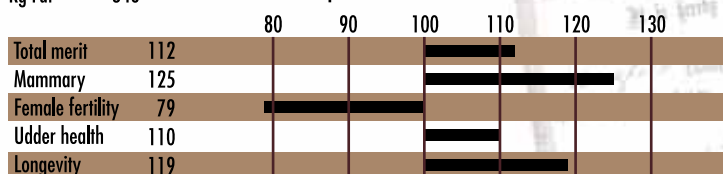
Average Yield of Daughters (1st lact.)

Daughters	77	Kg Protein	235
Herds	53	% Fat	5.91
Kg Milk	5.858	% Protein	4.01
Kg Fat	346		

Production Data

Total Daughters/Herds	235/139	Protein (kg)	14
Milk EBV (kg)	277	% Fat	-0.03
Fat (kg)	14	% Protein	0.02

Look Daughters



JERSEY

Q Zik

Hb: 301515

Pedigree

Sire: JAS Zorino
MGS: ØJY Mikkel
MGDS: SKÆ Hede

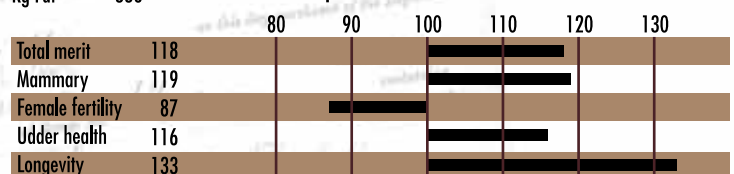
Average Yield of Daughters (1st lact.)

Daughters	1290	Kg Protein	228
Herds	401	% Fat	5.99
Kg Milk	5.618	% Protein	4.07
Kg Fat	336		

Production Data

Total Daughters/Herds	3980/553	Protein (kg)	8
Milk EBV (kg)	6	% Fat	0.19
Fat (kg)	15	% Protein	0.1

Zik Daughter



HOLSTEIN

Milingo

Reg.: IT012500012746

PFT: 1616

Pedigree

Sire: Emerson

Dam: Arpagone

MGS: Dominator

131 daughters / 103 herds



Milingo Daughter

Milk kg	Fat kg	Fat %	Protein kg	Protein %	Milking speed	SCS	Longevity
1214	42	-0.03	35	-0.05	102	98	108

Type Traits	-2	-1	0	1	2
Type	1.25				
Udder comp.	2.06				
Feet & legs comp.	2.13				

HOLSTEIN

Zarik

Reg.: IT251091109063

PFT: 1285

Pedigree

Sire: Mtoto

Dam: Slocum

MGS: Southwind

1254 daughters / 640 herds



Zarik Daughter

Milk kg	Fat kg	Fat %	Protein kg	Protein %	Milking speed	SCS	Longevity
1150	27	-0.14	37	0.01	95	102	103

Type Traits	-2	-1	0	1	2
Type	1.28				
Udder comp.	1.14				
Feet & legs comp.	0.82				

HOLSTEIN

TGV

Reg.: IT020500241935

PFT: 1934

Pedigree

Sire: Lee

Dam: Mtoto

MGS: Magnum

139 daughters / 79 herds



TGV Daughter

Milk kg	Fat kg	Fat %	Protein kg	Protein %	Milking speed	SCS	Longevity
1368	50	0.00	31	-0.14	105	101	109

Type Traits	-2	-1	0	1	2
Type	2.47				
Udder comp.	2.29				
Feet & legs comp.	3.53				

HOLSTEIN

Tempting

Reg.: IT006920009185

PFT: 1547

Pedigree

Sire: Iron

Dam: Mtoto

MGS: Blackstar

102 daughters / 75 herds



Tempting Daughter

Milk kg	Fat kg	Fat %	Protein kg	Protein %	Milking speed	SCS	Longevity
579	59	0.37	9	-0.10	106	105	111

Type Traits	-2	-1	0	1	2
Type	2.09				
Udder comp.	2.14				
Feet & legs comp.	1.95				

HOLSTEIN

Ralstorm

Reg.: IT020500225053

PFT: 1988

Pedigree

Sire: Storm

Dam: Skywalker

MGS: Grand

146 daughters / 99 herds



Ralstorm Daughter

Milk kg	Fat kg	Fat %	Protein kg	Protein %	Milking speed	SCS	Longevity
586	59	0.38	30	0.11	103	109	107

Type Traits	-2	-1	0	1	2
Type	1.72				
Udder comp.	2.08				
Feet & legs comp.	1.86				

HOLSTEIN

Editor

Reg.: IT012500017624

PFT: 1584

Pedigree

Sire: Sabre

Dam: Rudolph

MGS: Prelude

146 daughters / 106 herds



Editor Daughter

Milk kg	Fat kg	Fat %	Protein kg	Protein %	Milking speed	SCS	Longevity
1154	42	-0.01	46	0.08	105	96	105

Type Traits	-2	-1	0	1	2
Type	1.36				
Udder comp.	1.94				
Feet & legs comp.	0.73				

JERSEY

Nevvy

Hb: 30114 BW/Rel: 300/86

Pedigree

Sire: Williams Robs Norman
Dam: Noakes PC Jewel SJ2
MGS: Parkwood Casper



Nevvy Daughter

Fat kg	Fat %	Protein kg	Protein %	Milk Vol*	Livewt*	Fertility*	Total Longevity	Somatic Cell BV
44	5.9	26	4.3	289	- 2	- 1.6	226	0.07

* Deviated within breed

Traits	BV	-1	-0.5	0	0.5	1
Overall opinion	0.2					
Udder overall	0.42					
Capacity	0.25					

JERSEY

Red Ribbon GR

Hb: 301031 BW/Rel: 189/86

Pedigree

Sire: Homestead Ernest
Dam: Hermanns Wats Lulu SJ3
MGS: McFalls Watford GR



Red Ribbon Daughter

Fat kg	Fat %	Protein kg	Protein %	Milk Vol*	Livewt*	Fertility*	Total Longevity	Somatic Cell BV
22	5.7	12	4.3	27	7	1.3	330	- 0.01

* Deviated within breed

Traits	BV	-1	-0.5	0	0.5	1
Overall opinion	0.55					
Udder overall	1.1					
Capacity	0.53					

JERSEY

Was Deeno

Hb: 304130 BW/Rel: 248/83

Pedigree

Sire: Willand Ads Samuel
Dam: Te Henui Lemvig Donut Et
MGS: FYN Lemvig



Deeno Daughter

Fat kg	Fat %	Protein kg	Protein %	Milk Vol*	Livewt*	Fertility*	Total Longevity	Somatic Cell BV
37	5.4	27	4.1	508	21	0.4	342	0.48

* Deviated within breed

Traits	BV	-1	-0.5	0	0.5	1
Overall opinion	0.39					
Udder overall	0.45					
Capacity	0.45					

JERSEY

Omega Classic

Hb: 303040 BW/Rel: 193/82

Pedigree

Sire: Cheers Joy Omega GR
Dam: South Land Erns Cloe GR
MGS: Homestead Ernest



Classic Daughter

Fat kg	Fat %	Protein kg	Protein %	Milk Vol*	Livewt*	Fertility*	Total Longevity	Somatic Cell BV
21	5.5	14	4.2	124	3	0.6	235	0.04

* Deviated within breed

Traits	BV	-1	-0.5	0	0.5	1
Overall opinion	- 0.07					
Udder overall	0.87					
Capacity	0.65					

JERSEY

Nirvana

Hb: 304126 BW/Rel: 214/75

Pedigree

Sire: Lynbrook RI Tekawa ET SJ3
Dam: Burnwood 4Eva Neri ET GR
MGS: Gloaming SS Forever GR



Nirvana Daughter

Fat kg	Fat %	Protein kg	Protein %	Milk Vol*	Livewt*	Fertility*	Total Longevity	Somatic Cell BV
27	5.5	13	4.1	212	- 11	0.4	271	- 0.29

* Deviated within breed

Traits	BV	-1	-0.5	0	0.5	1
Overall opinion	0.48					
Udder overall	1.03					
Capacity	0.84					

JERSEY

Grove Zeus

Hb: 304119 BW/Rel: 267/79

Pedigree

Sire: Okura Pans Index ET
Dam: Kelly PC Adine SJ3
MGS: Parkwood Casper



Zeus Daughter

Fat kg	Fat %	Protein kg	Protein %	Milk Vol*	Livewt*	Fertility*	Total Longevity	Somatic Cell BV
45	5.6	22	3.9	522	- 1	0.8	406	- 0.27

* Deviated within breed

Traits	BV	-1	-0.5	0	0.5	1
Overall opinion	0.73					
Udder overall	1.18					
Capacity	0.6					

HOLSTEIN

Jocko Besn

Hb: 5694028588 ISU: 156

Pedigree

Sire: Besne Buck
Dam: Gaia
MGS: Southwind

Production Proofs

95 rel / 95704 daughters / 20888 herds

Milk kg	Protein kg	Fat kg	Protein %	Fat %	INEL
1144	40	25	0.04	-0.23	43

Somatic Cell Count 0.1
Longevity 0.8
Fertility 0.8
Calving Ease 88

95 rel / 40281 daughters / E+04 herds



Jocko Daughter

HOLSTEIN

Radical

Hb: 2921632635 ISU: 134

Pedigree

Sire: Jocko Besne
Dam: Ondee
MGS: Wells

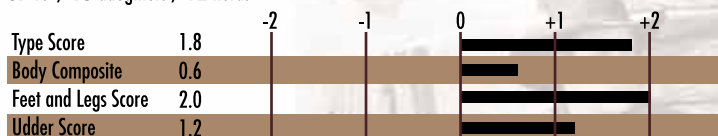
Production Proofs

92 rel / 102 daughters / 98 herds

Milk kg	Protein kg	Fat kg	Protein %	Fat %	INEL
181	17	46	0.1	0.44	29

Somatic Cell Count -0.2
Longevity 0.1
Fertility -0.2
Calving Ease 91

87 rel / 95 daughters / 92 herds



Radical Daughter

HOLSTEIN

Ronly

Hb: 3511734145 ISU: 141

Pedigree

Sire: Jocko Besne
Dam: Only
MGS: Corky

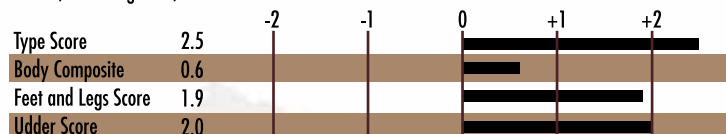
Production Proofs

92 rel / 100 daughters / 100 herds

Milk kg	Protein kg	Fat kg	Protein %	Fat %	INEL
319	10	17	0.02	0.05	14

Somatic Cell Count 1.3
Longevity 1.4
Fertility 0.8
Calving Ease 90

86 rel / 95 daughters / 95 herds



Ronly Daughter

HOLSTEIN

Turcat FD

Hb: 6506132485 ISU: 139

Pedigree

Sire: Ford
Dam: Renault
MGS: Lantz

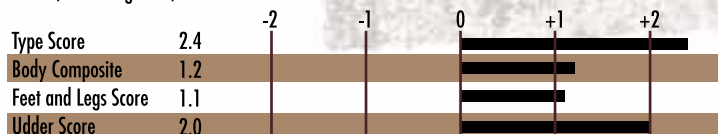
Production Proofs

88 rel / 75 daughters / 72 herds

Milk kg	Protein kg	Fat kg	Protein %	Fat %	INEL
266	15	12	0.09	0.05	18

Somatic Cell Count 1.1
Longevity 1.4
Fertility 0.0
Calving Ease 90

82 rel / 67 daughters / 64 herds



Turcat Daughter

HOLSTEIN

Stol Joc

Hb: 4747063250 ISU: 167

Pedigree

Sire: Jocko Besne
Dam: Ozone
MGS: Manfred

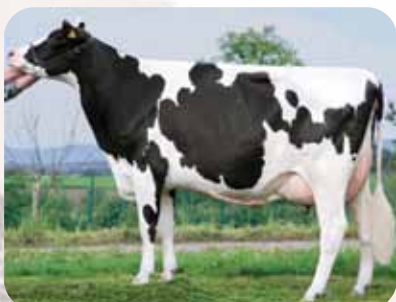
Production Proofs

89 rel / 93 daughters / 87 herds

Milk kg	Protein kg	Fat kg	Protein %	Fat %	INEL
991	46	32	0.15	-0.08	52

Somatic Cell Count 0.6
Longevity 0.9
Fertility 0.8
Calving Ease 88

84 rel / 83 daughters / 79 herds



Joc Daughter

HOLSTEIN

Rouki

Hb: 2921632624 ISU: 139

Pedigree

Sire: Addison
Dam: Ondee
MGS: Wells

Production Proofs

90 rel / 80 daughters / 76 herds

Milk kg	Protein kg	Fat kg	Protein %	Fat %	INEL
1014	32	30	0	-0.12	37

Somatic Cell Count -0.5
Longevity 0.3
Fertility -1.5
Calving Ease 94

85 rel / 84 daughters / 80 herds



Rouki Daughter

DNA PROVEN SEMEN SET TO REVOLUTIONISE LIVESTOCK BREEDING

The countdown is on as LIC readies itself to launch DNA Proven semen later this year.

Predicted to be the greatest revolution to hit the livestock industry since artificial breeding was introduced in the 1950s, DNA Proven semen will benefit farmers by providing increased genetic gain from a shorter generation interval, as well as new diagnostic tools for cow and heifer selection. For more than ten years LIC has been investing in DNA research with a view to enhancing a bull's genetic merit by selecting superior DNA.

As more has been discovered about the bovine genome, this focus has changed to DNA profiling and understanding the differences in DNA that make some bulls better than others, so that bull selection can be based on this knowledge. LIC Chairman Stuart Bay spoke about the genomic selection science behind DNA Proven semen and the advantages of this new technology at LIC's annual meeting last year.

"With genomic selection, farmers will be able to more quickly breed cows to meet changing requirements within the industry and genomic selection bulls will have higher reliabilities than traditional breeding methods for some low heritability or late expressed traits, such as fertility and longevity."

As a result of extensive DNA mapping carried out in the bovine genome project, single nucleotide polymorphisms (SNPs – pronounced 'snips') have emerged as the key enabler for the commercialisation of genomic selection technology.

Until recently only a few thousand SNP markers had been identified. Now tens of thousands of markers are available. By comparing the SNPs of thousands of bulls in the LIC database, LIC is able to work out which SNPs result in good scores for breeding values such as fertility, protein and milkfat, and which SNPs result in poor scores. SNPs are given a rating that can be used to work out a bull's overall DNA Proven breeding worth, depending on the particular set of SNPs he has.

It's a different process from the traditional Daughter Proven bull selection technique and will speed up the sire selection process by around four years – a marked improvement in genetic gain.

As these bulls go on to have daughters they will become Daughter Proven as well, providing further assurance that they are as good as their DNA tells us they will be.

"Given the advances expected with the change to genomic selection, the rewards for farmers and LIC are potentially very large," said Stuart Bay.

LIC plans to make DNA Proven semen available for widespread use in 2009.



HOLSTEIN

VAR *Elvis*

Hb: 241941 TV

Pedigree

Sire: Luxemburg
MGS: Dannix
MGDS: R Prelude



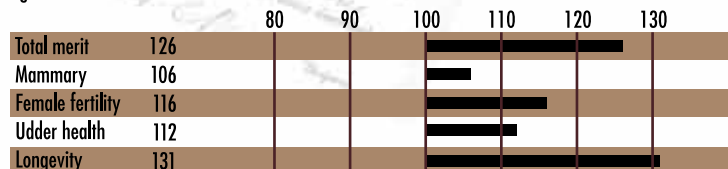
Elvis Daughter

Average Yield of Daughters (1st lact.)

Daughters	5123	Kg Protein	278
Herds	1904	% Fat	3.94
Kg Milk	8.395	% Protein	3.31
Kg Fat	331		

Production Data

Total Daughters/Herds	13128/2834	Protein (kg)	29
Milk EBV (kg)	693	% Fat	0.06
Fat (kg)	33	% Protein	0.05



HOLSTEIN

D *Banker*

Hb: 247111

Pedigree

Sire: V Bojer
MGS: B Patron
MGDS: Belt



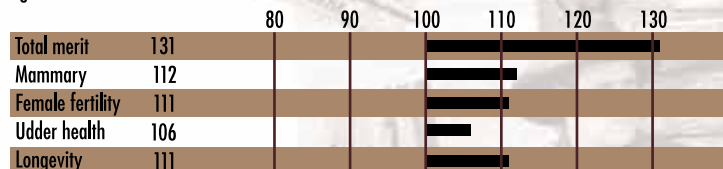
Banker Daughter

Average Yield of Daughters (1st lact.)

Daughters	93	Kg Protein	284
Herds	79	% Fat	3.92
Kg Milk	8.589	% Protein	3.31
Kg Fat	337		

Production Data

Total Daughters/Herds	148/132	Protein (kg)	43
Milk EBV (kg)	1.132	% Fat	-0.05
Fat (kg)	40	% Protein	0.04



HOLSTEIN

T *James*

Hb: 245495

Pedigree

Sire: Jocko Besn
MGS: Ked Juror
MGDS: R Leadman



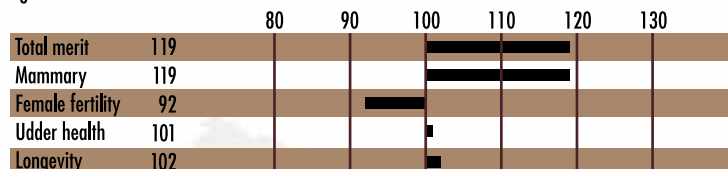
James Daughter

Average Yield of Daughters (1st lact.)

Daughters	79	Kg Protein	289
Herds	68	% Fat	4.05
Kg Milk	8.865	% Protein	3.26
Kg Fat	359		

Production Data

Total Daughters/Herds	97/86	Protein (kg)	30
Milk EBV (kg)	908	% Fat	0.08
Fat (kg)	43	% Protein	0



HOLSTEIN

RGK *Eske*

Hb: 244428 TV

Pedigree

Sire: Jocko Besn
MGS: Esquimaux
MGDS: R Leadman



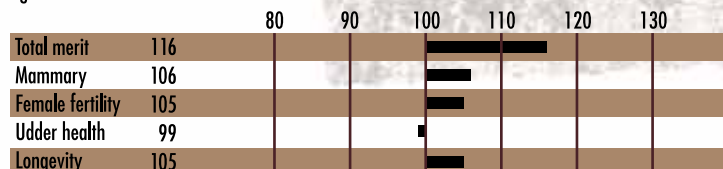
Eske Daughter

Average Yield of Daughters (1st lact.)

Daughters	84	Kg Protein	273
Herds	70	% Fat	4.09
Kg Milk	8.163	% Protein	3.35
Kg Fat	334		

Production Data

Total Daughters/Herds	97/83	Protein (kg)	26
Milk EBV (kg)	639	% Fat	0.11
Fat (kg)	38	% Protein	0.04



HOLSTEIN

VAR *Etlar*

Hb: 242413 TV

Pedigree

Sire: Lukas
MGS: M Aerostar
MGDS: NJY Hubert



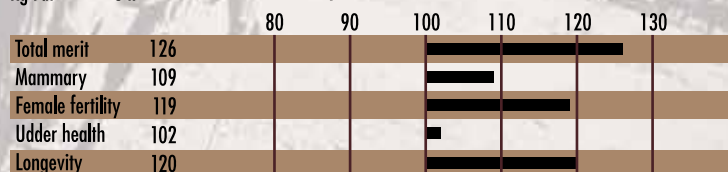
Etlar Daughter

Average Yield of Daughters (1st lact.)

Daughters	1148	Kg Protein	290
Herds	548	% Fat	3.87
Kg Milk	8.952	% Protein	3.24
Kg Fat	347		

Production Data

Total Daughters/Herds	2881/998	Protein (kg)	27
Milk EBV (kg)	977	% Fat	-0.07
Fat (kg)	31	% Protein	-0.06



HOLSTEIN

TVM *Hesne*

Hb: 236427 TV

Pedigree

Sire: Besne Buck
MGS: Micheal
MGDS: A Melwood



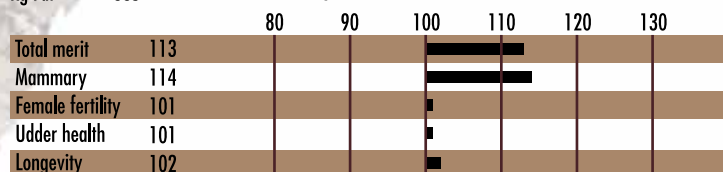
Hesne Daughter

Average Yield of Daughters (1st lact.)

Daughters	16487	Kg Protein	277
Herds	3587	% Fat	4.08
Kg Milk	8.205	% Protein	3.37
Kg Fat	335		

Production Data

Total Daughters/Herds	22351/4333	Protein (kg)	20
Milk EBV (kg)	413	% Fat	0.1
Fat (kg)	25	% Protein	0.06



NZ FRIESIAN

Format

Hb: 104191 BW/Rel: 259/76

Pedigree

Sire: Whinlea Magley Extasy
Dam: Higgins 99-40
MGS: Valden Curious Paladium



Format Daughter

Fat kg	Fat %	Protein kg	Protein %	Milk Vol*	Livewt*	Fertility*	Total Longevity	Somatic Cell BV
34	3.8	58	3.6	566	-21	3.2	228	-0.03

* Deviated within breed

Traits	BV	-1	-0.5	0	0.5	1
Overall opinion	0.45					
Udder overall	1.18					
Capacity	0.52					

NZ FRIESIAN

Durbridge

Hb: 103033 BW/Rel: 190/84

Pedigree

Sire: Delta NLD Gerris-ET
Dam: SRA Monowai Belv Dawn
MGS: SRD Dawsons Belvedere



Durbridge Daughter

Fat kg	Fat %	Protein kg	Protein %	Milk Vol*	Livewt*	Fertility*	Total Longevity	Somatic Cell BV
42	4.2	48	3.6	297	14	10.3	550	0.21

* Deviated within breed

Traits	BV	-1	-0.5	0	0.5	1
Overall opinion	0.5					
Udder overall	0.69					
Capacity	0.37					

NZ FRIESIAN

Premo

Hb: 104202 BW/Rel: 227/78

Pedigree

Sire: Hazael Eminence Dano-ET
Dam: Ace High Hailstone Pia-ET
MGS: Glenmead Hailstone



Premo Daughter

Fat kg	Fat %	Protein kg	Protein %	Milk Vol*	Livewt*	Fertility*	Total Longevity	Somatic Cell BV
43	4.1	54	3.6	437	5	6.7	255	-0.11

* Deviated within breed

Traits	BV	-1	-0.5	0	0.5	1
Overall opinion	0.55					
Udder overall	0.64					
Capacity	0.58					

NZ FRIESIAN

Applause

Hb: 103180 BW/Rel: 320/83

Pedigree

Sire: SRB Hansens Ingmar
Dam: Valden Posh Amberly-ET
MGS: Kapawai Jimtown Posh-ET



Applause Daughter

Fat kg	Fat %	Protein kg	Protein %	Milk Vol*	Livewt*	Fertility*	Total Longevity	Somatic Cell BV
62	4.7	56	3.8	198	-22	5.8	471	0.17

* Deviated within breed

Traits	BV	-1	-0.5	0	0.5	1
Overall opinion	0.4					
Udder overall	0.29					
Capacity	-0.1					

NZ FRIESIAN

Carsons

Hb: 104184 BW/Rel: 288/77

Pedigree

Sire: Whinlea Magley Extasy
Dam: Carsons 99-15 SIF
MGS: SRC Hibi Secret Skelton



Carsons Daughter

Fat kg	Fat %	Protein kg	Protein %	Milk Vol*	Livewt*	Fertility*	Total Longevity	Somatic Cell BV
57	4.2	63	3.6	595	4	-0.5	403	0.06

* Deviated within breed

Traits	BV	-1	-0.5	0	0.5	1
Overall opinion	0.13					
Udder overall	0.75					
Capacity	0.25					

NZ FRIESIAN

Frostman

Hb: 104015 BW/Rel: 267/79

Pedigree

Sire: Hazael Eminence Dano-ET
Dam: Puketiro Francesca SOF
MGS: SRB Collins Royal Hugo



Frostman Daughter

Fat kg	Fat %	Protein kg	Protein %	Milk Vol*	Livewt*	Fertility*	Total Longevity	Somatic Cell BV
48	4.2	52	3.5	434	-22	11.2	322	-0.22

* Deviated within breed

Traits	BV	-1	-0.5	0	0.5	1
Overall opinion	0.3					
Udder overall	0.98					
Capacity	0.55					

HOLSTEIN

EMIL II

Number.: 10.140098

RZG: 134

Pedigree

Sire: Emerson

Dam: Grietje 80

MGS: Esquimau

141 daughters / 132 herds



Emil Daughter

Milk kg	Fat %	Fat kg	Protein %	Protein kg
1176	0.15	62	0.12	52

		80	90	100	110	120
Calving ease	98					
Fertility	102					
Herd life	116					
Feet & Legs	118					
Udder	117					

HOLSTEIN

Fokus

Number.: 10.141444

RZG: 117

Pedigree

Sire: Ford

Dam: Bene 2

MGS: Mtoto

112 daughters / 106 herds



Fokus Daughter

Milk kg	Fat %	Fat kg	Protein %	Protein kg
744	0.04	34	-0.12	14

		80	90	100	110	120
Calving ease	101					
Fertility	96					
Herd life	109					
Feet & Legs	124					
Udder	126					

HOLSTEIN

Laurel

Number.: 10.925880

RZG: 117

Pedigree

Sire: Lay Out

Dam: Fabiola 13

MGS: Caveman

389 daughters / 291 herds



Laurel Daughter

Milk kg	Fat %	Fat kg	Protein %	Protein kg
81	0.26	22	0.17	15

		80	90	100	110	120
Calving ease	107					
Fertility	101					
Herd life	113					
Feet & Legs	134					
Udder	132					

HOLSTEIN

Mock

Number.: 10.669203

RZG: 118

Pedigree

Sire: Mtoto

Dam: Mairose 46

MGS: Esquimau

341 daughters / 258 herds



Mock Daughter

Milk kg	Fat %	Fat kg	Protein %	Protein kg
1012	-0.08	34	-0.16	19

		80	90	100	110	120
Calving ease	107					
Fertility	102					
Herd life	115					
Feet & Legs	123					
Udder	123					

HOLSTEIN

Minister

Number.: 10.140027

RZG: 128

Pedigree

Sire: Mtoto

Dam: Diadem 94

MGS: Rudolph

1417 daughters / 857 herds



Minister Daughter

Milk kg	Fat %	Fat kg	Protein %	Protein kg
1358	-0.38	20	-0.19	28

		80	90	100	110	120
Calving ease	104					
Fertility	105					
Herd life	131					
Feet & Legs	119					
Udder	121					

HOLSTEIN

Jelder

Number.: 10.821367

RZG: 136

Pedigree

Sire: Jesther

Dam: Donna

MGS: Basar

120 daughters / 90 herds



Jelder Daughter

Milk kg	Fat %	Fat kg	Protein %	Protein kg
2326	-0.59	33	-0.16	62

		80	90	100	110	120
Calving ease	96					
Fertility	106					
Herd life	109					
Feet & Legs	120					
Udder	131					

AYRSHIRE

Phillip

Hb: 500520 BW/Rel: 204/96

Pedigree

Sire: Kuusijoen Etroni
Dam: Sanrosa Royal Poise
MGS: Gairloch Gabriel



Phillip Daughter

Fat kg	Fat %	Protein kg	Protein %	Milk Vol*	Livewt*	Fertility*	Total Longevity	Somatic Cell BV
31	4.4	38	3.7	576	-1	8.7	301	0.14

* Deviated within breed

Traits	BV	-1	-0.5	0	0.5	1
Overall opinion	0.34					
Udder overall	0.24					
Capacity	0.46					

AYRSHIRE

Valendale Blaze

Hb: 500533 BW/Rel: 119/97

Pedigree

Sire: Kiteroa Bonny Governor
Dam: Valendale Villa Lady
MGS: Valendale Sir Winston



Blaze Daughter

Fat kg	Fat %	Protein kg	Protein %	Milk Vol*	Livewt*	Fertility*	Total Longevity	Somatic Cell BV
24	4.7	20	3.7	82	-22	-1.2	171	-0.13

* Deviated within breed

Traits	BV	-1	-0.5	0	0.5	1
Overall opinion	0.78					
Udder overall	0.64					
Capacity	0.63					

AYRSHIRE

Hunnington Admiral

Reg. No: 6180279

Pedigree

Sire: Kellogg
Dam: Hunnington Sailor Girl 29



Admiral Daughters

Milk	Fat kg	Protein kg	Fat %	Protein %	Rel %	Daughters (UK)	Herds (UK)	Somatic Cell BV
11	-9.7	2.1	-0.17	0.03	95	112	27	2

Traits	-2	-1	0	1	2
Type	1.3				
Mammary	0.9				
Legs & Feet	1.6				

AYRSHIRE

Rosehill Blackthorn

Reg. No: 6180526

Pedigree

Sire: Kellogg
Dam: Rosehill Bramble



Blackthorn Daughter

Milk	Fat kg	Protein kg	Fat %	Protein %	Rel %	Daughters (UK)	Herds (UK)	Somatic Cell BV
18	2.2	4.5	0.02	0.06	96	154	60	5

Traits	-2	-1	0	1	2
Type	2.5				
Mammary	1.6				
Legs & Feet	2.4				

AYRSHIRE

Plum-Bottom Tridents LOT

Reg. No: 145520

Pedigree

Sire: Ardrossan EV Kates Trident
Dam: Morrow Preferred Lou 4th
MGS: Volunter Preferred



LOT Daughter

Milk	Fat pounds	Protein pounds	Fat %	Protein %	Rel %	Daughters	Herds
114	23	18	0.10	0.08	95	901	390

Traits	-2	-1	0	1	2
Final score	1				

AYRSHIRE

Hidden-Valley Garth

Reg. No: 100135646

Pedigree

Sire: Bonnie Brae Heligo
Dam: Palmyra Lincoln Ginger
MGS: Palmyra Lincoln



Garth Daughter

Milk	Fat pounds	Protein pounds	Fat %	Protein %	Rel %	Daughters	Herds
122	14	9	0.05	0.03	71	22	14

Traits	-2	-1	0	1	2
Final score	0.8				