

Milk & Honey

- THE GENIMEX JOURNAL -



EDITION 4
JULY 2009

A Once A Day Milking Experience

Rob Ballantyne from Humansdorp explains
his motivation and the results of this trial

Preekstoel Boerdery

Anders Andersen lê besoek af by die Durrs

Genimex visits Denmark

To see great cattle and enjoy the culture

Go "Black & White" Tour

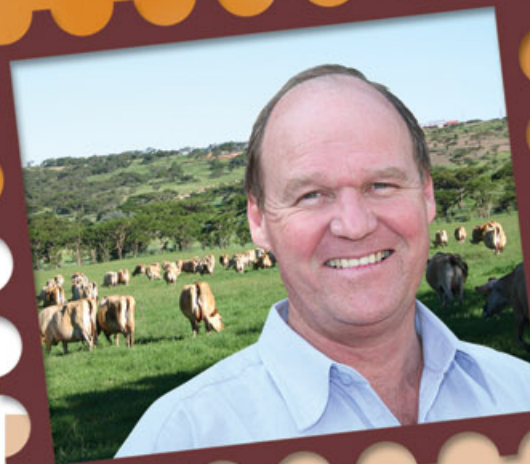
Ross Treleaven from Underberg wins
"Best Improvement" Prize

2009 Philadelphia Kudde Kompetisie

Drie Susters aangewys as algehele wenner



IN THIS ISSUE
Ayrshire Sires Pull-Out
Catalogue!



- Foreword -

TIME, a wonderful concept, one that is difficult to explain, difficult to manage yet with us every day of our lives. At times it speeds by and at times it drags on slowly, however, this year the pace was set by the former.

We at GENIMEX find it difficult to believe that the winter solstice has come and gone and it is now speeding towards the Spring and Summer breeding seasons, for those breeders who mate their cows seasonally. A strange winter so far, with un-seasonable rain in the interior of the country and drought along the southern coast.

Many activities including visits, trips and functions highlighted the calendar of the Genimex Management, Staff and Agents. To mention but a few:

Early January, Anders Anderson of Viking Genetics, our supplier of exceptional Jersey and Holstein genetics visited GENIMEX. The visit proved fruitful in further cementing our business relationship. Viking Genetics was formed when the well-known Dansire merged with the Swedish company Swensk Avel. The strength of the Nordic countries' breeding programme will soon be increased even further when the Finnish breeding programme, FABIA is incorporated into VikingGenetics®.

February saw the South African Large Herds Conference take place in Natal, attended by more than 450 delegates and addressed by world class speakers. Genimex together with Livestock Improvement New Zealand were once again proud sponsors of the Conference. We have sponsored every SALHC since its inception in 1997. For this conference we sponsored Mr Chris Glassy from Dairy NZ.

April was again time for the Annual Philadelphia Herd competition held in the Koeberg Western Cape. As the herd competition has grown so has the involvement of Genimex, this year we sponsored the lunch on the first day and we were pleased to serve as many as 70 lunches, an indication of the growing interest in the competition. See page four for details of the continued success of the Genimex product in this competition.

The prize giving dinner after the Ayrshire National Championships held in Bloemfontein was sponsored by Genimex. A fine function hosted by the Ayrshire Society where Mr Kevin Lang was awarded the Ayrshire Gold Cup for a BB Kellogg daughter.

The highlight of the first six months of 2009, without doubt, was the visit to Denmark by 8 prominent Jersey breeders together with 5 Genimex personnel members. WHAT A TRIP, the warm hospitality of our Danish hosts was only surpassed by the quality of animals and genetics that we saw. When Genimex arranges another tour to Denmark in conjunction with VikingGenetics® be sure not to miss it. Many an eye was opened and the rumours spread by the anti-Danish movement, in the cattle breeding industry, were laid to rest as untrue.

The advantages of Genomic Selection and the application thereof have in the last while been much talked about within the cattle breeding fraternity. See page five for a brief explanation of Genomic selection.

During these few hectic months Genimex printed and distributed its first Danish Jersey sire catalogue which has been received well, by breeder and agent alike. Also printed was our annual LIC catalogue. For those who have not received a copy and would like one, please contact the office or the agent in your area. Our expanding market for Ayrshire Sires from the UK prompted the printing of an Ayrshire Sire leaflet. See pages six to nine for the leaflet.

In the last Milk and Honey we posed the question, "When times are tough, what kind of bull's daughters would you like to be milking"? The response from our readers and Genimex agents was conclusive. Whether for pure-breeding, cross-breeding, stud or commercial, the bull should have been one that breeds daughters of average stature, lots of strength, sufficient milk with good components. Longevity and fertility was also not negotiable.

We hope and trust that you all enjoy this, our 4th publication of Milk and Honey.

Chris and Errol.

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Anders Andersen, die verkoopsbestuurder van VikingGenetics® besoek Suid-Afrika

Anders Andersen, die verkoopsbestuurder van VikingGenetics® besoek Suid Afrika.

Dit is altyd 'n voorreg om ons verskaffers vanuit die buiteland hier in ons pragtige land te ontvang. Dit is nie net 'n voorreg nie maar van belang dat die toestande en behoeftes van ons kliente hier beleef en verstaan word. Tydens Anders se besoek het ons 'n besoek afgelê by die Preekstoel kudde van Tienie Durr naby Malmesburg in die Wes-Kaap.

Die Preekstoel Boerdery

Die Preekstoel kudde het sy ontstaan in 1945 gehad toe oupa Tienie Durr met 'n paar koeie begin het. Pa Wilhelm Durr het die kudde 'n stappie verder geneem deur verseke skoutoekennings te behaal. Schoongezicht en Fairseat bulle is tot in 1993 gebruik waarna Tienie Durr die kudde van 70 koeie oorgeneem en met KI begin het. Van die eerste Deense bulle plaaslik beskikbaar was o.a. Jas Byg, Fyn Tonic en later Jas Hot, Jas Zorino, Fyn Trac en Jas Funic gebruik. Fyn Lemvig en Jas Zorino het ook 'n groot inpak op die kudde gehad. Daar is tans nog heelwat 8 jaar Lemvig en 10 jaar-oud Zorino koeie in die kudde.



Anders Andersen van VikingGenetics® in Denemarke, Roche Cronje die verkoopsman van Genimex in die Wes-Kaap en Tienie Durr bespreek die koeie in die Preekstoel Kudde

Tienie het tans 20 Q Zik Dogters in sy kudde wat die volgende prestasie behaal het:

Liggaam 84	Voete en Bene 86.5	Uier 85	Algeheel 85
1 ste Laktasie	5847kg melk	5.52 BV	4.14 prot.
2 de Laktasie	6995kg melk	5,52 BV	4,14 prot.



'n Besoek aan die Kaap is nie voltooi sonder om bo op Tafel Berg te staan nie. Anders Andersen en sy vrou Gurli, Chris Cloete en Johan Muller van Genimex

Teelbeleid

Van die begin af het Tienie aandag gegee aan vaste stowwe en daarvan getuig 'n bottervet van 5.2% en 'n proteïen inhoud van 4.2%. Boonop handhaaf die kudde konstant 'n stalgemiddeld van 20 tot 22kg per dag. Daar word veral gefokus op langslendigheid en sodoende word probleemvrye koeie met goeie konsepsie wat maklik kalf, geteel. Behalwe die goeie produksie met twee maal per dag melking word 'n uitstekende gemiddelde van 1.5 strooitjies per konsepsie behaal.

Ten Desember 2008 het Tienie reeds meer as 500 koeie gemelk. Die sukses van sy teelbeleid word duidelik hiermee weerspieël. Dit het tot gevolg gehad dat hy onlangs die welbekende Schoongezicht kudde kon koop.

Bulle wat tans in die kudde gebruik word is Q-Impuls, Hofborg, Q-Zik (Zorino seun) en DJ May (Lemvig seun). Hy het Denemarke in Junie besoek om sy vertroue in die Deense sisteem te bevestig en toekomstige nuwe bulle te identifiseer.



'n Besondere koei in die Preekstoel kudde

Preekstoel 0443 'n dogter van die dense bull MIRAGE

1 st Laktasie	6934 kg Melk	4.63 BV	3.85 Prot
2de Laktasie	7050 kg Melk	4.89 BV	4.06 Prot
3de Laktasie	8188 kg Melk	4.65 BV	3.90 Prot
4de Laktasie	9051 kg Melk	4.33 BV	3.87 Prot



Tierwil 0587 'n MIRAGE dogter wat aan Mnr WS van der Merwe behoort.

Die Mirage dogter is by die Moreesbrug skou aangewys as Jong Koei en Groot Kampioen.

'n Besondere prestasie. Haar skou prestasie is net so indrukwekkend as haar klassifikasie en produksie rekord.

Veels geluk aan Mnr v.d. Merwe

Liggaam 98	Voete en Bene 90	Uier 91	Finaal 94
1 st Laktasie	7813 kg Melk	4.22 BV	3.56 Prot.
2de Laktasie	9041 kg Melk	4.34 BV	3.69 Prot (Geprojekteer)

A Once A Day (OAD) Milking Experience

Summary of Rob Ballantyne's paper presented at SALHC

The motivation for this trial, which extended from July 2007 to May 2008, was to increase farm profits and use land which was considered too far away from the milking unit.

The herd selected for the trial was a total of 115 first-lactation cows which calved during July, August and up to 10 September 2007. Their breeding was "Black & White" or "Jersey x Black & White". A total of three cows were "lost" during the trial.

The roughage which was supplied to the trial cows was all produced on dry-land pastures. Annual Rye/Perennial Rye and some over-sown into Kikuyu was available from July to November. Mainly kikuyu was available from December 2007 to May 2008.

From Histogram 1 it can be seen that milk yield per cow began at 13,4 litres per cow on average and showed a steady decline to 6 litres per cow in April 2008. It is important to bear in mind that they were all first-lactation cows and being milked only once a day.

Histogram 2 illustrates the increase in butterfat and protein content of the milk of these young cows from August 2007 to April 2008. The slight drop in butterfat percentage during October to December 2007 can be taken as normal because of Summer stress on cows and pastures. The protein content, however, showed a constant monthly increase from about 3,6% to 4,2%. For the record the body mass of the young cows averaged as follows:

September 2007	= 382kg
February 2008	= 402kg
April 2008	= 449kg

With the production of quality milk and the increase in body mass a question arises as to the fertility of the OAD herd.

FERTILITY RESULTS:

The fertility of the OAD herd has been expressed by conception rate after three months of AI/mating and then secondly by the "inter-calving period" between the first and second calving. The results were as follows:

(a) Conception rate:

Since three cows were "lost" from the 115 starters a total of 112 cows were bred. Of these 109 cows were certified in-calf. Only three open cows!

(b) Inter-calving period:

When calved for the second lactation during July/Aug 2008 the average inter-calving period was a mere 354 days.

ECONOMICS

The average income per cow was calculated to be R9993-00. The cost of pasture was R2808 per cow and the cost of concentrates was R1960-00 per cow. The total cost of production was therefore R4768 leaving a margin over feed of R5225 per cow.

CONCLUSION

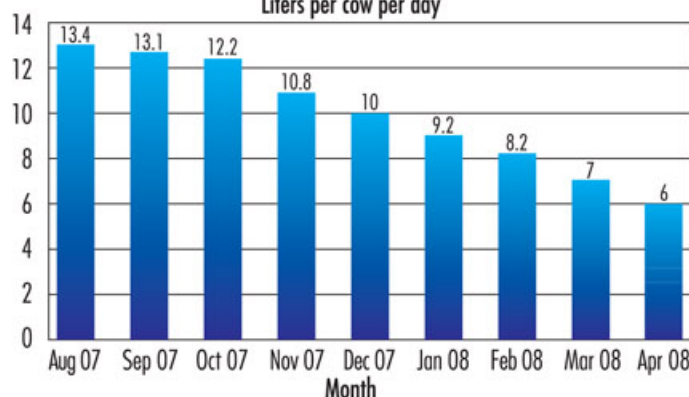
Rob Ballantyne indicated that this very interesting experience was indeed also financially rewarding.

E.L. Dicks

HISTOGRAM 1

COW PERFORMANCE

Liters per cow per day

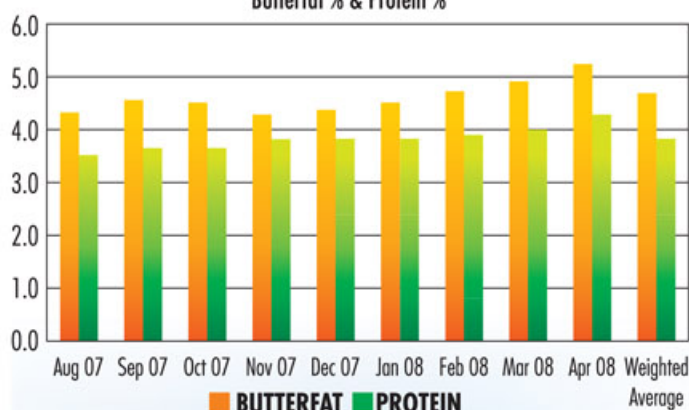


TOTAL L/COW/LACTATION = 3008

HISTOGRAM 2

WEIGHTED FAT % = 4.63 / WEIGHTED PROT % = 3.89

Butterfat % & Protein %

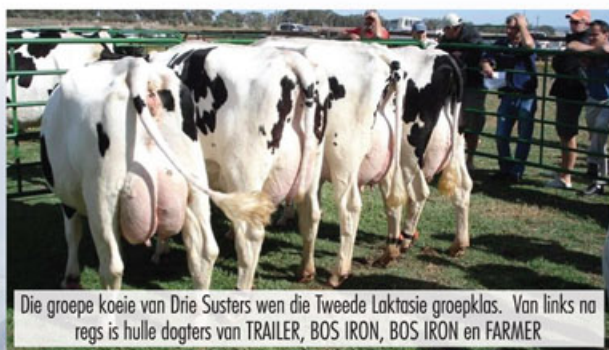


• 2009 • PHILADELPHIA — KUDDE KOMPETISIE —

Nageslag van Genimex bulle presteer goed maar slaag net nie daarin om die Dogtergroep klas vir die VYFDE keer na mekaar te wen nie. Veels geluk aan WWS wat die klas met 'n Matt groep gewen het. Genimex kom wel tweede en derde in die klas. Die Genimex prestasie in die klas is besonder goed, vanaf 1999 to 2009 het nageslag van bulle wat GENIMEX bemark het, 7 uit die 11 keer gewen.

Ons dink terug aan bulle soos BORMIO, WOODY, FRUTO STAR, BALANCE en BATMAN. En wie kan van BOS IRON se prestasie in 2008 vergeet toe BOS IRON dogter groepe 1ste, 2de en 3de geplaas was in die Dogtergroepklas.

Die Algehele wenner van die 2009 Philadelphia Kudde kompetisie was aangewys as die Plaas Drie Susters. Genimex wil graag vir Oom Alfie en Martin Voigt geluk wens met die besonderse prestasie en ook bedank vir hulle ondersteuning en lojaliteit aan Genimex.



At the Genimex / LIC booth during the SA Large Herds Conference

GENIMEX and LIC New Zealand once again sponsored the South African Large herds conference which was held at the Champagne Sports resort in the picturesque Drakensberg. Genimex and LIC have been involved with the SALHC since its inception in 1999 and has sponsored all six of the Large Herds conferences held since then. Genimex and LIC were proud to sponsor one of the speakers, Mr Chris Glassey, a Farms System Specialist, Dairy NZ, Hamilton New Zealand. Chris presented interesting papers on the future of New Zealand farms and Key Performance Indicators for feed use on pastoral dairy farms.

One of the speakers at the conference was the very well known, up front and successful dairy farmer from the Eastern Cape, Mr Rob Ballantyne. Rob's presentation was based on the trials he did on Once A Day Milking, on his farm Lanark in the Tsitsikamma. (See page 3)



From left to right:

Alan Stratford (A well know dairy farmer from Mooi River) • Errol Dicks (Director of Genimex)
Hendrik Bezuidenhout (Genimex Salesman in the Eastern Cape)
Phil Wicks (LIC Export manager responsible for South Africa)
Chris Glassey (Speaker from Dairy NZ in New Zealand) at the Genimex / LIC Booth

MILK & HONEY

GENOMIC SELECTION

A term that has been thrown around a lot lately and I felt it important to get to grips with it, as it is here to stay and will have a huge influence on cattle selection in the future. After doing quite a bit of reading about Genomic Selection I have managed to get my head around the topic albeit as a basic summary. References are not given, however are available from chris@genimex.co.za

Cattle have 30 pairs of chromosomes and scientists have developed new technology that identifies the specific patterns of DNA at more than 50 000 locations along these chromosomes. The differences in individuals are based on the differences at each of these and other locations on the chromosomes. The variation at these 50 000 locations across the chromosomes is identified and flagged by single nucleotide changes at these locations. The nucleotide changes present at each of these locations (single nucleotide polymorphisms or SNPs pronounced Snips) can be used to predict how good or bad the genes are that the animal possesses.

The 50 000 locations located on all the chromosomes (among the 3 billion pairs of nucleotides in the DNA of cattle) are sufficient to distinguish the differences between individuals and can be associated with their performance. In large cattle populations the progeny performance data of bulls together with the genotype data of each of the individuals enabled researchers to identify which SNPs affected the estimated breeding value for the economically important traits.

New Zealand has for example genotyped 4500 sires that were progeny tested over the last 30 years. This has enabled the researchers in New Zealand to genotype sires that were the best and the worst of their progeny test cohort and thus evaluate markers across the genetic range. This genotyping has been undertaken on the Illumina 50K SNP panel. In order to validate the data the progeny test BV's were compared with the Genomic BV's estimates for

the relevant sires. The degree of accuracy of the DNA-based BV's was measured by their correlation with progeny test BV's. The correlation varied from 0.45 to 0.60 for production and non-production traits for the Holstein-Friesian Breed.

Up to now there have been three sources of information that can be used in the estimation of BV's:- Parental information, own performance and progeny performance, now we can add DNA information. It is the combination of all four of these sources of information that will lead to more accurate information enabling scientists, AI organisations and breeders to speed up genetic gain in economic important traits.

Consider the advances that can be made in traits like longevity and daughter pregnancy rates because genomic selection increases the reliability for these traits when selecting young sires. We then do not have to wait as long for progeny test data on traits like these to have BV's with acceptable accuracies.

This advance in cattle breeding is quite intimidating and the application and advantages are as yet, I believe, not fully comprehended. We are entering an exciting era where we can use genomic selection to enhance our current selection programmes thereby speeding up genetic gain.

Two of Genimex's suppliers have grasped and developed this technology, with other leading populations. Livestock Improvement Corporation in New Zealand and VikingGenetics® in Denmark have applied the technology and are using it as a selection aid.

CJ Cloete



AYRSHIRE Sires

— from the UK —

Supplied by Cattle Services (AYR) Ltd

Proudly Imported & Distributed in South Africa by **Genimex**



Rosehill BLACKTHORN

0306180526 - 100% Ayrshire

PROVEN



Daughter: Rosehill Black Velour Ex 94

SIRE:

Blackaddar B B Kellogg

G.S.: Bonnie Brae Kellogg
G.D.: Blackaddar Milky Model

DAM:

Rosehill Bramble Ex

G.S.: Brocklehill Happy Spirit
G.D.: Rosehill Bridesmaid

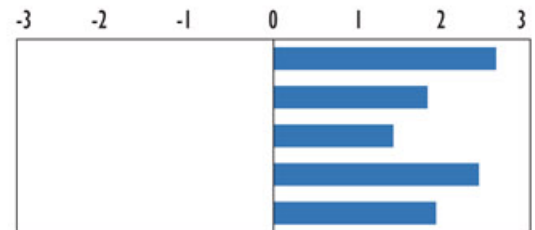
- Sire of Royal Show Champion 2006
- Impressive udders, legs and feet
- Daughters mature into substantial dairy cows
- Semen exported to New Zealand and South Africa

PTA - APRIL 2009

Rel %	98	Bf %	0.00
PIN £	10	P kgs	+ 5.7
Milk kgs	+ 54	P %	+ 0.06
Bf kgs	+ 2.4	SCC	8

TYPE - APRIL 2009

Type	+ 2.6
Stature	+ 1.8
Body	+ 1.4
L & F	+ 2.4
Mam.	+ 1.9



AYRSHIRE

Green Lane PRODIGY

HB 03000006181406 - 100% Ayrshire

Green Lane Prodigy

YOUNG SIRE



Born 18 May 2006

Owner and MR ANDREW P ARDEN
Breeder M/S E H ARDEN & SON

MCCORNICK NELSON ET

03000006180464 - 100% AYR

PTA 2005	Milk	Bf	Pt	R1%	PLI	PIN
Jan 09	+226	+8.0	+5.7	99	+£97	+£10
	-0.02%	-0.03%				

BS +2.40 LF +1.40 MA +2.60
TM 2.70 R1% 96 (Jan 09 *ITB*)
22 - EX 78 - VG

TWEMLOW HELIGO PRIDE

Ear X0147/00777

03000001452845 EX91 (6YR) - 100% AYR
BC-EX90 DC-EX94 LF-VG89 MA-EX91
LP60

PTA 2005	Milk	Bf	Pt	R1%	PLI	PIN
Jan 09	+802	+30.0	+19.1	74	+£144	+£35
	-0.04%	-0.01%				

Lac	Age	M	D	BP%	Bf	Pt%	Pt	Pi
1	2/6	8999	305	4.47	402	3.11	280	146
2	3/7	11321	305	4.23	479	3.12	354	166
3	4/10	10539	305	4.49	473	3.22	339	154
4	5/11	11464	305	4.37	501	3.13	359	148
5	7/0	12054	305	4.24	511	3.02	363	137
6	9/1	13068	305	4.10	535	3.05	399	155

** Pedigree Index £PLI +£121

Calculated from (I)Sire, Dam

Milk	Bf	BP%	Pt	Pt%	R1%	PIN
+514	+19.0	-0.03	+12.4	-0.07	43	+£23

TM 1.24

BLACKADDAR MM PATRICK

70000000769262 VG85(9YR)

HIGH BALYETT NEPETA 16

03000001425589 EX91(5YR) 4gensVG/EX
3 STARS

BONNIE BRAE HELIGO

70000000724153

PIMHILL WIZARD PRIDE 2

03000001429257 - 100% AYR

PTA 2005	Milk	Bf	Pt	R1%	PLI	PIN
Jan 09	103	+2.9	+3.9	58	+£9	+£6
		-0.02%	-0.01%			

Lac	Age	M	D	BP%	Bf	Pt%	Pt	Pi
1	2/1	7317	305	3.81	279	3.19	234	0
2	3/1	7122	305	3.78	269	3.12	222	108
3	4/2	7908	305	4.17	330	3.26	258	108
4	5/3	8328	305	3.87	322	3.05	254	101

BLACKADDAR ISLE MILKMAN

70000000693744 EX

BLACKADDAR PATIENCE

70000000676698 VG86 3gensVG/EX

MONTEITH STAR JEWEL

70000000698298

HIGH BALYETT NEPETA 4

03000000364576 EX 3gensVG/EX LP80, 2 STARS

ST MARTIN INTENSE

70000000066389

100% AYR

SUNNY HILL ST NICK'S HELEN

70000000633621

PANT WIZARD

03000000170227

100% AYR

PIMHILL PRIDE 2

03000000374932 EX 3gensVG/EX

100% AYR

Lac	Age	M	D	BP%	Bf	Pt%	Pt	Pi
1	2/8	4535	305	3.99	181	3.26	148	0
4	5/7	6214	305	4.31	268	3.69	229	0
6	7/9	5832	305	3.97	232	3.42	200	0
8	11/0	8871	305	4.06	360	3.16	281	116
Av	8Lac	6540	304	3.95	258	3.42	222	27

Changue TRYST

0306180658 - 100% Ayrshire

PROVEN



Daughter: Craigtown Pixie 44

SIRE:

Ardrossan EV Kates Trident

G.S.: Ardrossan H K Evangelist
G.D.: Ardrossan R Com Kate Tryit

DAM:

Changue Celandine 21 VG

G.S.: Changue Headmaster
G.D.: Changue Celandine 11 VG

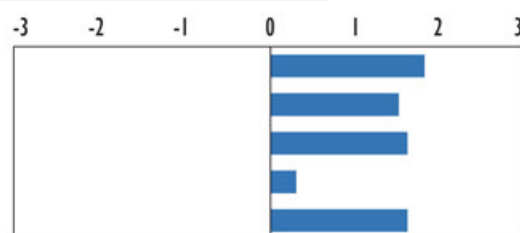
- In great demand from both the pedigree breeder and the cross breeding market
- A superbly balanced production and type proof
- Daughters exhibit body strength, dairyness, mobility and style
- From a long lived productive trouble free female line, the essence of successful breeding

PTA - APRIL 2009

Rel %	95	Bf %	- 0.02
PIN £	21	P kgs	+ 11.7
Milk kgs	+ 288	P %	+ 0.03
Bf kgs	+ 10.4	SCC	- 4

TYPE - APRIL 2009

Type	+ 1.8
Stature	+ 1.5
Body	+ 1.6
L & F	+ 0.3
Mam.	+ 1.6



AYRSHIRE

Rosehill Slightly MAGIC

HB 03000006181340 - 100% Ayrshire

Rosehill Magenta

YOUNG SIRE



Born 27 September 2006

Owner and M/S WRC & JE CHRISTOPHERS
Breeder TRENERRY FARM

** Pedigree Index £PLI +£93

Calculated from (I)Sire, Dam

Milk	Bf	Bf%	Pt	Pt%	R1%	PIN
+301	+9.9	-0.04	+10.9	+0.01	94	+£13
TM 0.20						

CASERN COMMODORE

03000006180624 - 100% AYR

PTA 2005	Milk	Bf	Pt	R1%	PLI	PIN
Jan 09	+363	+7.7	+9.6	94	+£82	+£13
	-0.11%	-0.04%	*ITB*			

BS +0.70 LF -0.40 MA +1.30
TM 0.70 R1% 52
I - EX 3 - VG

BALLYCLAN FIRST COMMAND

03000000177465

CASERN GLADYS 26

03000001437717

WHEATRIG LENA'S COMMANDER

03000000171263 EX

BALLYCLAN FAIRY 89

03000000121155 EX

BANKEND LORD ONTARIO

03000000178519 EX

CASERN GLADYS 21

03000000407449 EX

ROSEHILL MAGENTA

Ear UK/TG0504/00363

03000001466001 EX93* (8YR)-4 6gensVG/EX - 100% AYR
RP-VG89 DS-EX93 LF-EX91 MA-EX93

PTA 2005	Milk	Bf	Pt	R1%	PLI	PIN
Jan 09	+239	+12.0	+12.2	71	+£104	+£24
	-0.04%	-0.06%				

Lac	Age	M	D	Bf%	Bf	Pt%	Pt	Pi
1	2/9	5420	266	4.64	252	3.46	188	120
2	3/7	7051	264	4.09	289	3.59	253	123
3	4/6	7576	291	4.27	324	3.46	262	127
4	5/6	8045	305	3.73	300	3.47	279	119
5	6/9	7926	305	3.94	312	3.36	266	132
6	7/11	8078	305	3.82	309	3.68	297	124
7	8/11	7628	305	4.23	322	3.47	265	113

CUTHILL TOWERS SIR ADAM ET

03000006179693

ROSEHILL MAGGIE

03000001443774 EX90 (5YR) 5gensVG/EX
BC-EX91 DC-EX90 LF-VG88 MA-EX91

PTA 2005	Milk	Bf	Pt	R1%	PLI	PIN
Jan 09	297	+10.0	+8.9	69	+£60	+£15
	-0.03%	-0.02%				

		Milk	Bf	Pt	R1%	PLI	PIN
1	3/0	5795	291	4.01	232	3.01	175
2	3/11	6953	305	3.94	274	3.04	212
3	5/0	9696	305	3.79	368	3.05	296

BLACKADDAR MILK MACHINE

70000000710337 EX

CUTHILL TOWERS MISS BARBOUR 4

03000000393541 EX** (10YR)-2 3gensVG/EX
LP60, 4 STARS

BANKEND LORD ONTARIO

03000000178519

100% AYR

TORDOWN MAGGIES ELECTION 3

03000000369113 EX 4gensVG/EX

100% AYR

		Milk	Bf	Pt	R1%	PLI	PIN
2	3/8	5647	293	3.47	196	3.15	178
3	4/7	6822	305	3.68	251	3.22	220
4	5/8	7451	305	3.53	263	3.11	232
5	6/10	6905	305	3.98	275	3.13	216
6	7/10	6440	300	3.56	229	3.21	207

Hunnington BBK EASLAD

0307190361 - 87.5% Ayrshire / 12.5% Holstein



Daughter: Knockenjig Lucky 22

PTA - APRIL 2009

Rel %	88	Bf %	+ 0.05
PIN £	6	P kgs	2.2
Milk kgs	- 60	P %	+ 0.07
Bf kgs	0.3	SCC	9

SIRE:

Blackaddar B B Kellogg

DAM:

Pylon Easled Ex 94

PROVEN

G.S.: Bonnie Brae Kellogg
G.D.: Blackaddar Milky Model

G.S.: Brieryside Super Star
G.D.: Pylon Easel 2 Ex 90

- Style and dairyness from this exciting young sire
- Great feet, legs and snug udders
- His dam an outstanding cow in a top quality herd, still producing, shown successfully at 15 years old
- Suitable for widespread use

TYPE - APRIL 2009

	-3	-2	-1	0	1	2	3
Type	+ 2.5						
Stature	+ 1.4						
Body	+ 0.7						
L & F	+ 2.2						
Mam.	+ 2.1						

Brocklehill EQUERRY

HB 03000006181297 - 100% Ayrshire

Brocklehill Equerry

YOUNG SIRE



Born 13 April 2006

Owner and M/S J & K RENNIE
Breeder BROCKLEHILL

MCCORNICK NELSON ET

03000006180464 - 100% AYR

PTA 2005	Milk	Bf	Pt	R1%	PLI	PIN
Jan 09	+226	+8.0	+5.7	99	+£97	+£10
	-0.02%	-0.03%	*ITB*			

BS +2.40 LF +1.40 MA +2.60
TM 2.70 R1% 96 (Jan09 *TB*)
22 - EX 78 - VG

BROCKLEHILL ESCORT

Ear UK/A1934/00957

03000001467000 EX94(7YR)-2 - 100% AYR
RP-VG86 DS-EX95 LF-EX94 MA-EX94

PTA 2005	Milk	Bf	Pt	R1%	PLI	PIN
Jan 09	+62	+4.4	+1.4	68	+£35	+£4
	+0.03%	-0.01%				

Lac	Age	M	D	Bf%	Bf	Pt%	Pt	Pi
1	2/8	6289	298	4.50	283	3.27	206	90
3	4/7	8309	305	4.32	359	3.37	281	106
4	5/7	7907	305	3.84	303	3.42	270	92
5	6/8	8807	305	3.81	336	3.36	296	97
6	7/10	7969	305	4.02	320	3.46	276	93

** Pedigree Index £PLI +£66

Calculated from (I)Sire, Dam

Milk	Bf	Bf%	Pt	Pt%	R1%	PIN
+144	+6.2	-0.01	+3.6	-0.02	42	+£7
TM 2.18						

BLACKADDAR MM PATRICK

70000000769262 VG85(9YR)

HIGH BALYETT NEPETA 16

03000001425589 EX91(5YR) 4gensVG/EX
3 STARS

ARDROSSAN EV KATES TRIDENT

70000000144136 EX95(14YR)

BROCKLEHILL ELARA

03000001430322 H2 - 100% AYR

PTA 2005	Milk	Bf	Pt	R1%	PLI	PIN
Jan 09	-353	-16.6	-10.1	70	+£70	+£21
	-0.04%	-0.03%				

1	2/9	6635	305	4.21	279	3.44	228	100
2	3/9	7252	305	4.19	304	3.42	248	98
3	4/9	5769	305	4.10	237	3.55	205	70
4	5/9	6478	304	4.18	271	3.53	229	83
5	6/9	6190	305	3.49	216	3.51	217	73

BLACKADDAR ISLE MILKMAN

70000000693744 EX

BLACKADDAR PATIENCE

70000000676698 VG86 3gensVG/EX

MONTEITH STAR JEWEL

70000000698298

HIGH BALYETT NEPETA 4

03000000364576 EX 3gensVG/EX LP80, 2 STARS

ARDROSSAN H K EVANGALIST

70000000139887

ARDROSSAN R COM KATE TRYIT

70000000923302

BROCKLEHILL CHAMPAGNE

0300000178234

100% AYR

BROCKLEHILL EMMA

03000000399496 VG

100% AYR

1	3/10	5912	305	4.13	244	3.63	215	0
2	5/1	6960	295	4.03	280	3.51	244	0

SEMEN FROM



“The King”

HAS LEFT ROSS TRELEAVEN WITH A SMILE OF SATISFACTION

On 7 June 2004 a young, enthusiastic dairy farmer near Underberg bought 50 units of semen from the New Zealand Holstein/Friesian bull Collins Royal Hugo (commonly known as “The King” in N.Z.) This great bull has an impressive achievement of having no less than 170630 daughters in his proof-data base as published in May 2008. In 2006 Hugo was retired from AI services after having had 1,5 million inseminations recorded in NZ.

Ross presently milks about 500 cows on the farm “Lynton” and a total of 141 units of semen of Hugo were purchased. More would have been purchased but due to high demand the semen stocks of Hugo soon became depleted.

In 2005, during the first “Go Black & White” Underberg Tour, Ross exhibited daughters of Kelvar and Kabul. (Both these bulls are NZ Holstein/Friesian). These young cows were a surprise to many of the visitors because of the body depth, length of body and smaller body frame.

The “2007 Go Black & White” tour had the first daughters of Hugo on exhibition (in the RSA) and these four young cows won the prize of “Best Improvement” for the Lynton herd. These same four cows were again shown as 2nd lactation cows in 2008. Hugo daughters, #5077 (see photo) was admired by many (if not all) and two good daughters in support made the group of three the envy of many. Unfortunately the fourth daughter had been through a tough time and most definitely did not look her best but the good udder, excellent length of body and super legs and feet were clearly present. This group of four daughters of Hugo again collected the prize of “Best Improvement” for the Lynton herd.

Also on view was a daughter of Kilmory which calved at 21 months, without problems.

E.L Dicks

We at Genimex congratulate you, Ross, and thank you for your support. Well done!!



Hugo Daughter #5097



Hugo Daughter #5068



Hugo Daughter #5077

SOUTH AFRICAN JERSEY BREEDERS & GENIMEX AGENTS VISIT *Denmark*

The Danish Jersey Cattle population is certainly one of the largest in the world, at 64 300 milk recorded cows they make up 12.1% of the dairy cattle of Denmark. The average herd size has increased quite dramatically over the last 10 years to an average of 135 cows per herd.

VikingGenetics® was formed when the Danish and Swedish breeding programmes merged. As from January 2010, FABA the Finnish breeding organisation will join VikingGenetics® giving access to a formidable cattle population with very clear breeding goals and objectives.

Currently VikingGenetics® is testing 60 Jersey bulls annually and 31.5% of cows are inseminated to young sire semen. This is one of the many factors that contribute to the Danes having such a reliable progeny testing programme.

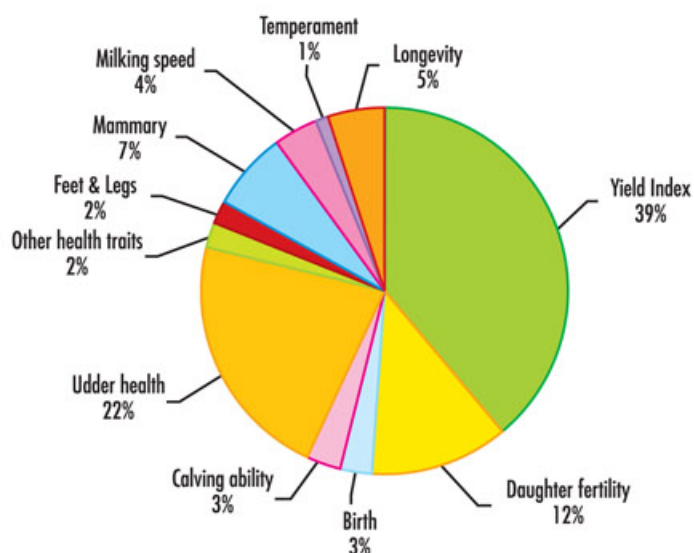
The current production level and the objective for 2020 makes interesting reading.

Production	Actual May 2009	Objective 2020	Production	Actual May 2009	Objective 2020
Milk kg	6550	7600	Protein %	4.05	4.05
Fat %	5.88	5.75	Protein kg	265	310
Fat kg	385	440			

Objectives for 2020 include:

- Teat size. Teats must be 5cm long and 2,5cm in diameter. (Aimed at the increasing numbers of herds using robotic milking systems)
- Somatic Cell count to be below 200 000
- Maximum 0.7 treatments per cow per year. (All treatments are done by the veterinarians and recorded on the data base)
- Retain the long living cow. (Min 3 Lactations per cow)
- Improve Fertility. (Day from 1st to last service)

In October 2008 VikingGenetics® introduced a new Net Merit Index (NTM). This index is calculated by combining various traits that are important to the breeders in the Nordic Countries. The traits that are included in the NTM are also weighted according to their economic values. The pie chart below indicates how the various traits are combined to form the NTM.



VikingGenetics® is also planning to introduce two new traits Locomotion and Hoof diseases into their evaluations. Traits like these can only be included when there is a large and accurate data base to work from with participation from all the role players.

Over the last few years new technologies have been adopted:

Sexed Semen

VikingGenetics® started with sexed semen in 2004 when they moved Impuls and Zik to the UK where sexed semen was produced from them by Cogent. Soon thereafter VikingGenetics® purchased 8 sexing machines which now work 24 hours a day for 5 days a week. Currently VikingGenetics® produce between 1500 and 2000 units per month with a growing demand.

Genomic Selection

VikingGenetics® have embraced this technology and are using it actively to select new bulls to introduce into their testing programme and will soon have young bulls available for sale that were genomically selected. Genomically selected animals will be labelled "GenVik" so that there is clarity when looking at figures of the cows and bulls.

"What makes the Danish Jersey population unique and valuable to any user of Jersey Genetics?"

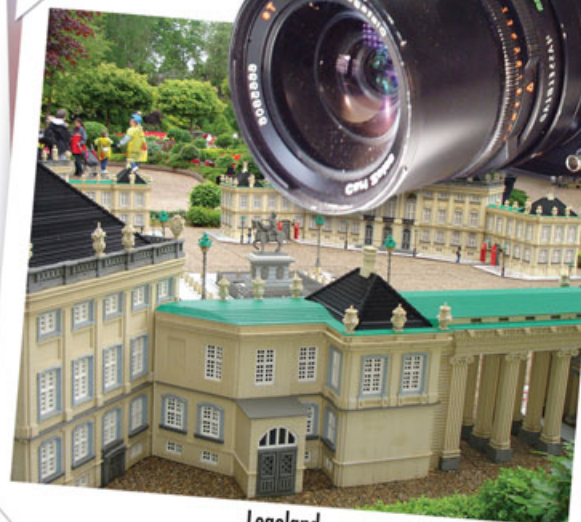
- Outcross pedigrees
- High Fat and Protein tests (5.88% Fat and 4.06% Prot)
- High production
- High profitability
- Long term selection for animal health traits
- Functional conformation with excellent udders, body capacity and strength.
- A large accurate and well controlled progeny testing programme.



Tienie Durr thanks Steen Pedersen (breeder of Q Zik) for allowing the group to view his excellent Jersey Herd. Tienie has many Q Zik daughters in his herd near Malmesburg and is extremely satisfied with them.



Tivoli Gardens



Legoland



Nyhavn Copenhagen



Egeskov Castle



The Group of South Africans at the Osterbygaard herd where the great bull, Q Zik was bred

Front row from left to right: Peter Larsen - Breeding Manager and Executive Secretary for Danish Jerseys • Doan Landman - Breeder from the Tsitsikamma
Hendrik Bezuidenhout - Genimex agent in the Eastern Cape • Chris Cloete - Genimex • Johan Muller - Genimex agent greater Cape region • Willem van Lingen - Genimex agent Southern Cape
Back Row from left to right: Jan Rossouw - Breeder from Bethlehem • Chud Rouch - Breeder from Bonnievale • Jaco van Rensburg - Breeder from Bonnievale • Ben Coetze - Breeder from Heidelberg WK
Roché Cronjé - Genimex agent Western Cape • Tienie Durr - Breeder from Malmesbury • Hennie van der Merwe - Breeder from Bonnievale
Steen Pedersen - Owner of the Osterbygaard herd and breeder of Q Zik • Ian Oosthuizen - Breeder from Bonnievale

A selection of photographs taken during the visit by the South African Group to Denmark



Cow # 01640

Pedigree: Q Impuls x FYN Lemvig • Date of birth: 7 Oct 2004 • Breeder: Vagn Lindy Petersen

Production	Milk Kg	Fat %	Fat Kg	Prot %	Prot Kg
1st Lactation	7136	5.74	410	3.88	277
Best Lactation	8887	5.56	494	3.90	347
Classification	Body	Feet & Legs	Mammary	Final	Class date
	86	78	87	85	12 Jan 09



Cow # 01762

Pedigree: Q Impuls x FYN Lemvig • Date of birth: 19 Aug 2004 • Breeder: Anders Levering

Production	Milk Kg	Fat %	Fat Kg	Prot %	Prot Kg
1st Lactation	7041	5.73	403	4.32	304
Best Lactation	9816	5.73	563	3.92	385
Classification	Body	Feet & Legs	Mammary	Final	Class date
	88	84	94	92	23 Apr 09





Cow # 02299

Pedigree: Q Impuls x ODA Rinde • Date of birth: 26 Sep 2004 • Breeder: Vagn Post

Production	Milk Kg	Fat %	Fat Kg	Prot %	Prot Kg
1st Lactation	6232	5.99	373	4.09	255
Best Lactation	6923	6.06	419	4.07	282
Classification	Body	Feet & Legs	Mammary	Final	Class date
	82	85	81	83	1 May 07

"Die koeie is groot met goeie tipe en saam met dit is die vastestofwe hoog met baie melk" - Tienie Durr

"Die persone wat swak praat oor Deense Jerseys was nog nie daar nie en slegs die Deense bloed in SA kan hulle hulle siening laat verander" - Ian Oosthuizen

"Alles wat die Dene doen is professioneel - vanaf uitstaande genetika met klem op kapasiteit en uiers tot hoë meganisasie agv duur en skaars arbeid" - Hennie van der Merwe

"Die tipe melkbeeste is baie groter as wat bespiegel word. Hulle is oor die algemeen lekker sterk vroulike diere met baie diepte en uitstekende bene en uiers" - Jaco Janse van Rensburg



Cow # 03281

Pedigree: Q Impuls x FYN Balsa • Date of birth: 16 July 2004 • Breeder: Espe-Holm Landbrug I/S

Production	Milk Kg	Fat %	Fat Kg	Prot %	Prot Kg
1st Lactation	7706	5.18	399	4.02	310
Best Lactation	8955	5.29	474	4.14	371
Classification	Body	Feet & Legs	Mammary	Final	Class date
	73	80	85	81	25 Apr 07



Cow # 02362

Pedigree: Q Zik x Q Hirse • Date of birth: 25 November 2005 • Breeder: Vagn Post

Production	Milk Kg	Fat %	Fat Kg	Prot %	Prot Kg
1st Lactation	6357	5.44	346	3.90	248
Best Lactation	6357	5.44	346	3.90	248
Classification	Body	Feet & Legs	Mammary	Final	Class date
	86	86	90	90	9 Apr 08



Cow # 02227

Pedigree: DJ Panda x Topgren-AL • Date of birth: 9 October 2005 • Breeder: I/S Fuglsang

Production	Milk Kg	Fat %	Fat Kg	Prot %	Prot Kg
1st Lactation	7002	5.84	409	4.10	287
Best Lactation	7002	5.84	409	4.10	287
Classification	Body	Feet & Legs	Mammary	Final	Class date
	78	78	80	79	29 Nov 07



VIKINGGENETICS® KEEPS COMING UP WITH THE GOODS WHEN IT COMES TO NEW BULLS

*Introducing three great Jersey sires
all with Danish pedigrees!*



Aly Daughter

DJ Aly

JAS Artist x Hibiscus x JAS Byg

Hb: 302670

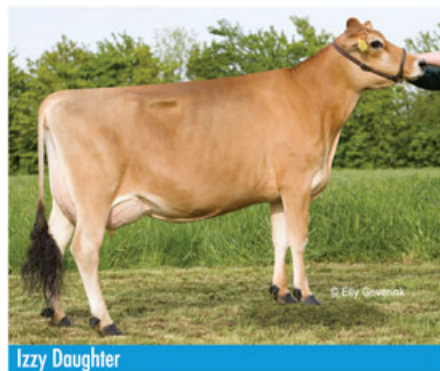
- High milk yield
- Udder health
- Rump width
- Fore udder attachment
- Udder depth
- Longer teats

Q Impuls x Q Zik x Hibiscus

DJ Izzy

Hb: 302708

- High milk yield
- High fat and protein yield
- High fat and protein %
- Great daughter fertility
- Good udder health



Izzy Daughter



Izzy Daughter

DJ Zorba

Q Zik x JAS Bregne x Q Mister T

Hb: 302727

- Daughter fertility
- Udder Health
- Fore udder attachment
- Udder cleft
- Front teat placement



Zorba Daughter



Zorba Daughter