

Milk & Honey

- THE GENIMEX JOURNAL -



EDITION 7
DECEMBER 2011

Planned Mating Management

John & Sue Cliff share an in depth programme for improving mating management

Danish Jerseys in South Africa

A time line of the success story -
a short history of Danish Jerseys in SA

Oudewagendrift Boerdery

'n Suksesvolle familie boerdery

Genimex Toer na Denemarke

Genimex toergroep besoek weer
Denemarke na die suksesvolle toer in 2009

Genimex Sales Meeting

Genimex biannual sales meeting with
international guests Greg Hamill of LIC
and Hans Gehlenborg of GGI

Nageslagtoer

Genimex hou 'n Jersey inligtings-
dag by Vryburg in Noord Wes
met Peter Larson as gasspreker



Haugstedgaard Herd

Currently the highest
producing Jersey herd
in Denmark!

- Foreword -

Now that 2011 is behind us one has to sit back and reflect as to what made 2011 seem to pass so quickly. There was no Soccer World cup that occupied so much of the country's time and attention during 2010. One can say that there was the Rugby World cup from which South Africa had an unexpected and sudden exit, some say at the hands of the referee. That is history now and we can look forward to the next world cup, whether it be soccer or rugby. All I can say and, some will say that I am unpatriotic, but the All Blacks were the deserving winners. On a recent trip to New Zealand, I was continually reminded by our very good friend Ken Bartlett that I was in 'world cup territory'.

2011 in general, was very good to Genimex and its agents. We have, as done over the past 14 years, continued to supply quality genetics at affordable prices. We believe that the industry is benefiting from this continued service. We at Genimex will continue in this way and continue to try and counter the mating programs and misinformation spread by our opposition. I know that once again I am going to be in trouble for saying that mating programs are still being manipulated and run solely as marketing tools.

2011 certainly was full of activities and happenings. There were two Jersey bull proofs released, the first in March and the second in November, what a scoop for Genimex and the Danish Jersey bulls. In March Q Impuls, DJ May and Q Zik ranked 1st, 2nd and 3rd respectively on the SAINET list. Then along came the November proofs and DJ May ranked 1st Q Zik 3rd and Q Impuls 4th. The critics of the Danish Jersey genetics certainly did not keep quiet, some openly admitted that it was time to use the product and did so. Others may well continue to claim the figures are manipulated.

Some other activities which are featured in this newsletter are the 2nd trip to Denmark with a group of clients, a visit to SA by John and Sue Cliff from LIC New Zealand, Genimex's sales meeting and then the Jersey day in the Vryburg district.

Unfortunately the good old milk price is still not keeping pace with the increase in feed costs and even though the Rand weakened somewhat against the World's major currencies, and the import parity prices increased, however this is not reflected in the local milk price. Genimex remains positive about the industry as food production remains crucial to the country and the world as a whole.

Behind the scenes we at Genimex are working hard to obtain permission to import Kiwi Cross semen into South Africa, there are certain sectors of the market that are screaming out for the product. For clients who are interested in obtaining Kiwi Cross semen please have a look at the newly redone Genimex website and join the Genimex Dairyman's Association. We would like to gauge the real interest in this product and by signing up to the Association we will be able to obtain accurate numbers of interested clients who do not want to deal with thumb-sucked figures.

Allow me to give credit to the organisers of the newly established Cape Dairy Experience. To the organizers I would like to say that you should accept all the accolades that go your way, you deserve them. It was wonderful to have all sectors of the industry under one roof and then see the public interest and allowing the public/consumer the opportunity to interact with the industry. We need to encourage the consumer to consume more of our wonderful product, QUALITY MILK. In my opinion it was a great success and we at Genimex look forward



to the one planned for 2012 and may there be many more.

Genimex, in conjunction with FarmWizard of Ireland developed a computer program, as featured in Milk and Honey Edition 6 where breeders are able to monitor the all important aspect of inbreeding in their herd. Featured in this edition is the farm management program that is offered by FarmWizard which is a web based package. See page 10 for more details.

Some of you may recall the article placed, many years ago, in the popular agricultural press named "The Lady with the Red Hat". Well I am really pleased to advise that Britt Stanton is back in the industry and will be joining the Genimex team. Britt will be involved with sales in the KZN region and will also be travelling nationally as a Holstein specialist. Welcome back Britt.

To the Genimex agents I would like to say thank you. Thank you for driving the miles and talking the talk in order to promote our great product. I know it is not easy out there but you are doing a great job, keep it up.

To end off I would like to thank all our customers, old and the many new ones for your loyal and continued support.

May 2012 be good to you all.
Chris Cloete

- Management -

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Denemarke 2011

In 2009 het die eerste Deense toer plaasgevind. Dit was uiters suksesvol en in 2001 het ons geen keuse gehad om dit te herhaal nie.

Tydens die toer was die groep gebombardeer met soveel inligting dat dit dikwels moeilik was om alles in te neem en te verwerk. Denemarke, sy mense en natuurlik veral hul Jerseys, is so stimulerend dat die meeste van ons altyd weer wil terug gaan om te sien hoe 'n land 'n wêreldleier geword het. Daar is altyd iets nuuts om oor opgewonde te raak.

Ons voel dat dit belangrik is dat ons die belangrikste punte uiteensit wat op die toer gesien, gehoor en beleef was. Tydens 'n beplanningssessie was hierdie punte, "TAKE HOME POINTS" genoem.

Die volgende punte het ek opgestel in samewerking met Dr Johan Jooste. Johan wat al self verskeie keer in Denemarke was het 'n liefde en respek vir die Dene ontwikkel, en het 'n deeglike kennis van die Deense Jersey beesras opgebou.

Die Deense Jerseys is bekend vir:

- Kapasiteit - let op na die ribsprong en liggaamsdiepte van die koeie.
- Sterkte - die Dene het verskeie bulle wat kruis- en borsbreedte teel.
- Hoë produksie - die eienskap waarin hulle fenominale vordering gemaak het.
- Hoë vastestowe - 'n inherente eienskap van die Dene.

- Koeie met hoë vrugbaarheid - hulle selekteer al 30 jaar daarvoor.
- Gesonde koeie - eienskappe wat ander lande te lank laat agteruitgaan het.
- Lae intelingskoëffisiënt - hulle bestuur die Nageslagtoetsprogram vindingryk.

Die Deense produksiestelsels is bekend vir:

Benutting van ruvoer en lae kragvoer insette
Alle behandeling word deur 'n veearts gedoen en dan volledig op die Nasionale data basis aangeteken.
Die behuisingstelsels vereis koeie met:

- sterkte en kapasiteit
- uitstekende kwaliteit bene en hoewe.
- robuuste koeie wat goed sal presteer in die stelsel

Teelbeleid

- Daar is een Nasionale teelbeleid wat deur almal ondeskryf word.
- Daar is Nasionale teeldeelwitte wat bereikbaar is neergelê, en is soos in die verlede bereik.
- Die nageslagtoetsprogram is internasionaal bekend as die Model Toetsprogram.
- Geen selektiewe klassifikasie of melkaantekening word toegelaat nie.
- Toetsbul semen word nie selektief gebruik nie en word dikwels op die swakker koeie en veral die vorige toetsbulle se dogters in almal se kuddes gebruik.

- As gevolg van die akkurate toetsprogram verkry hul bulle hul eerste ontleding met +/- 90 dogters in +/- 90 kuddes.
- Die bulle se syfers is so akkuraat dat hulle met tweede "crop" nie verander nie.
- Wat jy sien op 'n bul se ontleding is wat hy gaan teel. Geen verrassings nie. Onthou dat hulle genetiese basis verskil van ander lande dus mag 'n bul gemiddeld of onder gemiddeld ontleed in Denemarke maar bogemiddeld in ander lande soos SA vir sekere eienskappe o.a borsbreedte, bene, kg bottervet, %BV en Prot, vrugbaarheid en produktiewe leeftyd presteer.

Die Dene is mense wat:

- Vriendelik is en nederig is oor hul suksesse.
- Hulle het integriteit en is reguit besigheidsmense.
- Hulle dra die sukses van hulle telers op die hart.
- Suid-Afrikaners is altyd welkom want ons was die eerste land wat hulle produk na waarde geskat het.

Ons hoop en vertrou dat een en elk van die telers wat op die toer was dit geniet het en iets daaruit geleer het. Dit was vir ons die Genimex span 'n voorreg om die toer te reël en saam met die telers te geniet. En onthou Danish Pastry is onweerstaanbaar!

Chris, Johan
en die Genimex span.



2011 TOERGROEP

Agter ry van links na regs: Seppo Niskanen(VGI), Jaco Janse van Rensburg, Tienie Durr, Japie Nel, Ferdie Myburgh, John Britz, Riaan Strydom en Shawn Buckley.

Tweede ry van links na regs: Chris Cloete, Elna Rossouw, Jan Rossouw, Carl Oosthuizen, Hilda Oosthuizen, Sanet Schoonwinkel en Jan Schoonwinkel

Voor links: Peter Larson (VGI) en Regitze Reinhold (VGI)

Voor regs: Reaan van Schoor, Louisa van Schoor, Elna Landman, Daan Landman en Johan Muller

Foto: Willem van Lingen

DANISH JERSEYS IN SOUTH AFRICA A TIME LINE OF THE SUCCESS STORY

The development of the market for Danish Jersey semen has taken place over quite a number of years. The growth has been slow but steady and the product has now established itself after being available for about 25 years. The growth in the market has been due to continued marketing actions of the representative in South Africa and the loyal agents who drive the miles. However no amount of marketing in the semen industry will enjoy continued growth in market share over such a long period if not backed up by solid and reliable milk recording and progeny testing programs. These fundamentals have been put in place by the Danish Jersey Society and cattle breeding organisations.

The first Danish Jersey semen imports date back to the late 80's and early 90's when very small volumes of semen from bulls like FYN Tved, FYN Index and ØJY Mikkell were imported via Germany.

During 1994/5 SELECT GENES, a subsidiary of Taurus Livestock Improvement Co-op, started to actively market the product. It was around this time that Dr Johan Jooste, of the well known Fortunata Herd went to Denmark and realized the potential value that the Danish Jersey population held for the South African market.

The bulls marketed at that time included bulls like JAS Byg and FYN Tonic. JAS Byg was the more popular of the two. When the daughters of JAS Byg came into milk in South Africa he together with other Danish bulls were criticized for not having enough milk and not having good enough type.

I still wonder what was expected because they bred that which was expected of them. Strong cows that had average milk production and functional type with masses of fat and protein. Most of all the cows lasted and many years later the JAS Byg daughters were still in the herds and became great brood cows.

During 2001 Dr Jooste decided to disperse the Fortunata herd and a large number of daughters of Danish bulls sold extremely well, at a record breaking sale. A JAS Byg daughter, Heike 8, sold for R82 000.00 which was the top price ever paid for a Jersey cow in South Africa.

Genimex, then known as Genetic Actions Int. was established in 1996 and took over the Danish Jersey agency known at that stage as Dansire. The first staff member of Genimex to visit Denmark was Johan Muller. At that time, August of 1996, JAS Hot had just got his first proof and a daughter group was shown at the national show. Johan saw the group of daughters and after careful evaluation of the Danish breeding programs he too felt comfortable with the systems that backed up the bulls.

A fairly large amount, relative to that time, of JAS Hot semen was sold. The bull Helium was released later in 1996 and the two bulls were sold together with Helium being the less expensive of the two.

1996 saw the importation of 13 Jersey Heifers from Denmark into South Africa. The breeder Mr Freddie Schmidt had the foresight to undertake the importation which was a huge success. The progeny of these 13 heifers were eventually spread throughout South Africa when the herd was dispersed. The Milk Recording organisation in South Africa could, when the first milk samples were analysed, not believe the level of fat and protein being produced by these cows.

JAS Hot and Helium did very well in South Africa. The JAS Hot daughters become known in the TMR herds for their ability to milk and for their great udders. Helium daughters simply went about their business producing milk under a variety of production systems and reproducing on a regular basis.

It was in 1998 that the first of the real greats from Denmark came onto the market and he certainly made a name for the Danish Jersey population and breeding program.

The bull FYN Lemvig was used extensively and made his mark, not only in Denmark but also in South Africa and in many other Jersey populations in the world. We still feel that the bull was not used enough in our country, however the FYN Lemvig daughters became great mature cows and their names can be seen on the maternal side of many a pedigree of today.



As the market grew so did the number of bulls being marketed and names like Brumle B1, Q Mirage, JAS Mitage became household names.



- MIRAGE DAUGHTER TIERWIL 0587 -



- MIRAGE DAUGHTER PREEKSTOEL 0443 -



- BRUMLE DAUGHTERS -

One bull which the South African market missed because his type was perceived as "not good enough" was JAS Bungy. He was however used as a sire of sons in Denmark and bred DJ Broiler whom we are actively selling in South Africa. During the same year, 2003 the bulls JAS Artist and Q Impuls also got their Danish proofs. Sadly these two bulls were selectively used and in limited volumes as they were perceived to not breed "good enough type".

Another bull that got a proof in 2003 was Q Zik. Q Zik was used extensively in South Africa and bred many a great cow. In the Preekstoel herd of Mr Tienie Durr in the Western Cape many Q Zik daughters are in milk of which some are into their fourth lactation. The daughters are of medium frame and capacity. They have outstanding udders and very high milk components and good udder health.

Q Zik, soon after his daughters started milking in South Africa, was listed in the number one spot on the South African ranking. The ranking is based on the SAINET which is an economic index based on the requirements of the South African market.



- GROUP OF ZIK DAUGHTERS AT A FARMERS DAY AT THE PREEKSTOEL HERD -

2004 saw the first of the FYN Lemvig sons appear on the Danish listing. There were a number of them but we selected a few to market in SA. To name a few, Q Luf, Q Laf, Q Leerden, DJ Look and DJ Lirsk. These bulls were used extensively and had a positive impact in the South African market. DJ Look daughters are doing exceptionally well in one of the major herd competitions.



- OMNIKRON Q LUF DELTA -



- VOLMOED LOOK 0606 -



- CINERARIA LOOK 0666 -

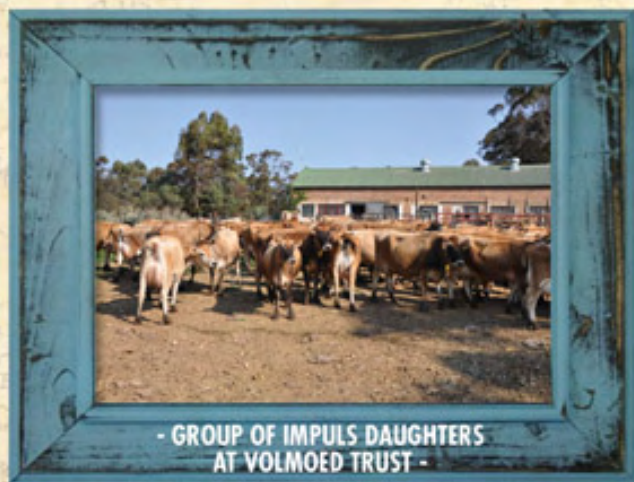
DJ May, identified as a bull that warranted importation into South Africa got his Danish proof in 2006 and was soon taken up and used by many South African breeders. The capacity and strength of this bull's daughters made him particularly attractive to the South African breeders. Another point in the bull's proof that appealed to the breeders was his outstanding daughter fertility.

In May of 2007 Q Impuls got his USA proof based on his milking daughters in the USA and was in number one spot. He ranked number one in Canada as well.

In August of 2007 a group of Genimex salesmen went to Denmark to see the Q Impuls daughters for themselves as he was not very much used in SA. This turned out to be a wise decision as the daughters really impressed and semen of this world class bull entered the market in large volumes. The bull soon became our number one seller and semen was used by breeders who never used Danish semen before.

There are many Q Impuls daughters presently in milk in South Africa and we expect many thousands more. These high production heifers will become strong functional cows that have outstanding protein production.

Some herds have in excess of 100 Impuls daughters in milk.



- GROUP OF IMPULS DAUGHTERS
AT VOLMOED TRUST -

Currently the bulls that are selling well in South Africa include Q Impuls, Q Zik, DJ Broiler, DJ Zaga, DJ Zuma and DJ Lix.

As they say "the proof of the pudding is in the eating". Right now the Danish Jersey bulls dominate the South African SAINET list with Impuls in position ONE, May in position TWO and Zik in position THREE.

DJ Zuma is currently number one on the South African SAINET, MACE list.

At the dispersal sale of Mr Kenny van der Merwe a Q Zik daughter, Elevation Zik Lisa 2 sold for a new record price of R85 000.00. Incidentally, Mr van der Merwe was the buyer of Heike 8 at Dr Jooste's sale.



- ELEVATION ZIK LISA 2 -



- RUBICAN ZIK'S ELVIRA 3RD -

Furthermore the SAINET heifer and cow lists are dominated by Q Zik, Q Impuls and DJ May.

Top 300 cow list include 54 Q Zik daughters, 13 Q Impuls daughters and 11 DJ May daughters

Top 300 heifer list includes 156 Q Impuls daughters, 19 Q Zik daughters and 12 DJ May daughters.

The first of many Zuma heifers have just appeared in the top rankings.

"The calves of Q Impuls born in my herd are robust and display an amazing will to live" Was a statement made by a dairyman milking 1000 Jerseys on a pasture based system.

In general, we have grown accustomed to seeing the Danish Jersey bulls breed exactly what we see in their Danish proofs. There are no surprises.

The progeny of the Danish Jersey bulls are in general terms strong, large framed cattle that have outstanding type with a will to produce milk containing high components. An additional bonus to all of this are the traits which are of great economic importance like fertility, longevity, udder health metabolic disease resistance and the latest figure made available, is on hoof health.

These traits have deteriorated in the SA population and the Danish Jerseys will turn the negative trends round if breeders use enough Danish bulls.

Another very important aspect which the Danish bulls have brought about and will continue to contribute to, is the lowering of inbreeding levels in our national dairy herd.

We look forward to the impact of the daughters of the current generation of bulls and the contribution they will make to the improvement of the South African dairy cattle.

The success of the Danish Jersey product in South Africa is largely due to the integrity of the recording, classification and progeny testing programs which is the norm in Denmark and therefore highly regarded by the Genimex team.

The Genimex team and their loyal clients in South Africa salute the Danes for what they have achieved and are currently contributing to the improvement of dairy cattle in South Africa.

GENIMEX SALES MEETING

During March this year Genimex held its biannual sales meeting at the Buffalo Hills Game Reserve and Lodge near Plettenberg Bay in the Cape.

Two international guests attended the meeting to discuss their products which are distributed in South Africa by Genimex.

Greg Hamill of LIC (Livestock improvement Corporation New Zealand) and Hans Gehlenborg of GGI (German Genetics International) gave an update on their products. Dr Johan Jooste was invited to discuss the advantages the Danish Jersey population held for the South African dairy cattle population.



The group that attended the sales meeting.

Greg Hamill (LIC), Simon Alderson-Smith, Poena van Niekerk, Shawn Buckley, Hendrik Bezuidenhout, Hans Gehlenborg (GGI), Tanja van Mollendorf, Gary Dicks, Willem van Lingen, Dave Swift, Roche Cronje, Johan Muller, Chris Cloete, Errol Dicks and Ferdie Myburgh.



Dr Johan Jooste, Tanja van Mollendorf (Secretary and Admin lady at the office) Johan Muller and Willem van Lingen relax next to the Keurbooms River.



Greg Hamill from LIC and Hans Gehlenborg of GGI

-JERSEY KOEI VERKOOP VIR SA REKORD PRYS-

Elevation Zik Lisa 2

'n Q ZIK dogter, uit 'n Lemvig, verkoop vir 'n SA rekord prys van R85 000.00 tydens die produksie veiling van die Elevation kudde van mnr Kenny van Der Merwe.

Die koper was Mnr FB Jooste.



PLANNED MATING MANAGEMENT

A Concentrated Calving Pattern next season starts with a good Mating Management Programme this season.



by John & Sue Cliff



Improving Mating Management is a continuous process.

1. Assess the current situation
2. Look for ways to improve
3. Select these options
4. Action the options
5. Review, assess how these changes worked
6. Back to No.1--- Assess the current situation

The Key to improvement is recording, from calving this year to calving the following year, in fact continuously. If you don't record you will find it very difficult to implement and follow a plan.

Body Condition Score

Start with Body Condition Score (BCS) in the Autumn. Try to get all cows to condition score of 3.5 or more at drying off. It is easier to maintain BCS over winter than it is to improve BCS through the colder months. Despite what a cow is fed after calving she will lose 0.5 a BCS at least, just through the stress of calving. So we start with a BCS of 3.5 or more at calving aiming for a minimum score of 3.0 by Mating Start Date (MSD). Cows at this BCS will cycle earlier and conceive better than a cow at a lower BCS. Generally a 0.5 improvement in condition score relates to about 8 to 10 days earlier cycling and a subsequent earlier calving pattern in the following season.

'At Risk' cows

'At Risk' cows are those that have difficult calvings, twin births, assisted calvings, aborted or stillborn calves, have retained foetal membranes, have been induced, have had metabolic disorders, have vaginal discharges. These events should be recorded and the cows treated by your vet regularly and well before Mating Start Date (MSD). These 'at risk cows' will be more likely not to cycle, or if they do then fewer will conceive, unless they are treated. (see Anoestrous Cows later)

Heat Detection

Heat detection is a skill learnt by farmers through experience. It is a skill that should be taught to staff. Show your staff the symptoms of cows coming into season, when they are on standing heat and when they are no longer in season. Show them the characteristics of cows in season. Practise picking cows during the month before MSD. Use Heat Detection aids as per manufacturers recommendation. Place them in the correct position.

Pressure Mount aids (Kamars, Checkmates) need to be just about between the hip bones. Scratchy type needs to be half way between the hips and pin bones. Tail Paint should be applied as a strip about 5cm wide (2in) and 20cm long (8in) and against the lie of the hair. Start the paint at the tail head and apply forward. Do not apply the paint leaving a hard slick surface as this will not show rubbing marks very well. Do not scrim, tail paint is cheap compared with missing a heat. Use as the manufacturers recommend.

Your herds calving pattern is one of the most important factors affecting milk solids production on your farm. A concentrated calving pattern will increase total production for the season. This is because a concentrated calving pattern increases the number of days in milk.

Submission Rates and Conception Rates are the drivers of In-Calf rate. An example of differing Submission & Conception Rates and how these affect overall calving spread

Table 1:

Weeks	To get in calf	90% Submission Rate	60% Conception Rate	In Calf	Total in Calf			
1-3	100	X	0.9	X	0.6	=	54	54

Table 2:

Weeks	To get in calf	80% Submission Rate	50% Conception Rate	In Calf	Total in Calf			
1-3	100	X	0.8	X	0.5	=	40	40

Extending the mating period beyond 12 weeks will generally reduce empty rate, BUT, there are serious downsides to long mating periods. You may reduce the empty rate but the longer mating period reflects in a more spread out calving hence ongoing problems of getting cows in calf earlier next season.

Mating Targets

95% of the herd/group should be submitted for mating at least once within four weeks of the start of mating.

100% of the herd/group should be submitted for mating at least once within 7 weeks of the start of mating.

90% of the herd/group should be in calf 9 weeks after the start of mating.

Good heat detection is essential

To achieve the above targets:

Calve cows in condition score 3.5.

Trace Elements

Trace Elements are an important part of animal nutrition. Inadequate uptake of any Trace Element can result in a decrease of Reproductive Performance. Important Trace Elements in Pasture based systems are Cobalt, Copper, Iodine, Selenium and Zinc.

Discuss with your vet, the testing of your herd for any Trace Elements which may be deficient in your region.

Anoestrous Cows

These are cows that do not cycle for one reason or another. They will destroy your Submission Rate by not coming into season. They usually are:

- At risk cows, low BCS cows, cows that have been sick and have lost more than 0.5 BCS since calving.
- Identify early by using tail paint 4 weeks before MSD (see Mating management Plan - Cows)
- Arrange treatment with your vet. Use the agreed programme strictly.
- Arrange AI with you technician early as some treatments have set time insemination.
- If using bulls when the returns from these cows are due remember to have extra on hand!
- Arrange with your vet a follow up programme for these cows to ensure they have not gone into anoestrous again.

Mating Management Plan - Cows

- Ensure your herd is in good health. Contact your local Vet to check "At Risk" cows.
- Tail paint the whole herd 4 weeks before the start of mating.
- Have your vet check non-cycling cows one week before the planned start of mating (MSD). Treat non-cyclers if necessary.

- Re-tail paint the herd at the start of mating with a different colour or else apply Heat Detection Aids (Kamars etc).
- Record all matings in the yellow/white notebook and on a Mating Management Chart.
- Re-tail paint (or apply another Kamar) to cows mated that day, at the next milking. Use a different colour when repainting. Unmated cows are then easier to identify.
- Vet check non-cycling cows again 3 weeks after the start of mating. Have your vet check follow up bulls for fertility.
- The follow up bulls should run with the herd for 5 to 6 weeks after the end of AB. One bull is required for every 30 cows not in calf
- Pregnancy test 6 weeks after the bulls have been removed from the herd. Empty cows can then be culled if you are faced with a Autumn feed shortage.

Mating Management Plan – Heifers

Your young stock should be genetically be the best animals you have. If they are not, then Genetic progress is not occurring. This could well be because your empty rates are high, leaving less choice in the quality of calves kept as replacements.

Because the heifers are genetically the best they should, where possible be bred to AI.

They will need to be bred to easier calving bulls, or else their ability to recover from calving and start cycling again will be severely compromised. A difficult calving can also reflect in lower production in the heifers' first year of milking. Consider starting mating your heifers a week before the main herd as they can take up to a week longer than cows to start cycling after calving. Mating them earlier can have many other benefits as well.

- 1) You can concentrate fully on the heifers for a week before the cows start to be mated.
- 2) They calve earlier so you are again able to concentrate on their settling into the milking routine before you are too busy.
- 3) They often enter the milking parlour earlier as they are not bullied by older cows, and remain confident thereafter.
- 4) They gain a week allowing extra days to prepare them for mating after their first calving.
- 5) They have more days in milk.

To achieve excellent heifer mating results they must be well grown and disease free.

Maiden Heifer recommended liveweights.

	HF	NZ F	Jer	HF / Jer
Liveweights @ Mating	330	315	245	295
Pre Calving Liveweights	550	525	405	490

Natural Mating:

If you are naturally mating heifers Vet check bull fertility one week before the planned start of mating. Run one bull per 15 heifers. Never use just one bull.

Synchronisation:

If you are considering synchronising your heifers it is extremely important that they have started cycling.

Ensure they have reached the target weights set down by Teagasc. Using Prostaglandin on a non cycling heifer is a wasting your money as the drug only works on cycling animals.

Again, tail paint your yearlings (heifers) 4 weeks prior to MSD to ensure they are all cycling.

(Those not cycling, we recommend you cut out from the mob and run with bulls)

“This is one time when size does count!”

Synchronisation cont.:

When tail painting yearlings you need to spray a different colour raddle over the top of the tail paint. Yearlings are only in season for 4 to 10 hours and may only be ridden once or twice. As they are lighter than a cow it is harder for the tailpaint to be rubbed off.

The use of Kamar Heat Detectors on yearlings can help to raise the submission rate as the Kamar will activate with just one 3 sec mount. As many heifers will come in season overnight they can be easily missed being seen. It is imperative the Kamars be placed in the correct position, up almost between the hip bones.

If they are placed where the tail paint goes you will achieve false readings, or miss them altogether. When synchronising your heifers remember that they will return in larger and more condensed numbers. We recommend you AI them for these few days. This ensures heifers have more opportunity to conceive with AI and you will achieve two rounds of AI in less than 3 weeks, getting more AI calves.

Bull Management

After AI most farmers use bulls to get the remainder of the cows in calf. The recommendation is to use a minimum of 1 bull per 30 non pregnant cows. Farmers should always have spare bulls so others can rest. Example: 45 non pregnant cows need 3 bulls (1 per 30 cows and one resting) Alternate the bulls regularly.

Try to prevent the bulls entering the milking parlour with the cows. Mounting cows on concrete is dangerous for the bulls and the cows. Have all bulls tested and vaccinated for BVD, IBR, Lepto etc.

Remember an infected bull can have a devastating effect in your herd.

If possible see the bulls before they come onto the farm. Make sure they are sound, mobile and virile. Check their scrotum circumference. There is a strong correlation between scrotum size and fertility. This is one time when size does count!

Important Notice when sticking on Bulling Beacons

It is extremely important that Bulling Beacon heat Detectors are placed on the cows back in the correct position !! They do not go where tailpaint goes, on the tailhead.

Please read the instructions and fold the paper to place on the back so as to learn exactly the correct position. (Many Irish farmers have used Heat Detectors but not had the success they should have because they were placed incorrectly) To make the application easier and cleaner, you do not need to glue the back of the Beacon.

The secret is to not use too much glue on the cows back. Only a blob the size of a 5 Rand coin is enough.



Spread thinly, slightly larger than the size of the Beacon. Use the top edge of the yellow plastic device, pressing firmly, after having put paper in the hole area to prevent the glue going through to your hands. Or you can use the blue scraper in the box.

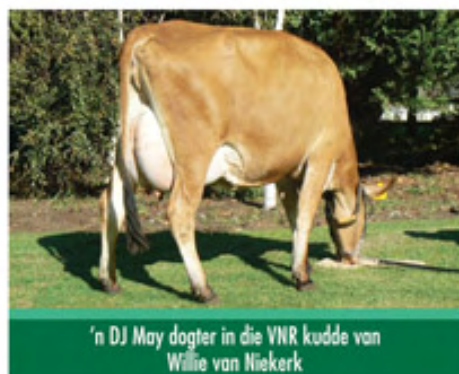
You can watch the application of Kamars on Youtube and apply the Beacons the same way:

<http://www.youtube.com/watch?v=B0RXE8A3XyM>

Have fun !!!!

Thanks to John and Sue Cliff for the work they did in preparing the article and the video on Youtube.

FOTO GALERY



FarmWizard

An easy-to-use, internet based record-keeping service. FarmWizard can save you time and increase profits by monitoring herd fertility while keeping you better informed of your herd's performance.

FarmWizard is different from existing Agri-IT software packages because farmers do not have to go to the trouble of buying, installing and maintaining Agri-IT software on their PCs.

FarmWizard allows you to record and access information where and when you need it. Farmers can use a mobile phone or hand held computer (PDA) to record and access information. You can receive text alerts and request information on animals in their herd. Most events can be recorded on the farm without needing to access a computer.

FarmWizard can save record entry duplication by providing a single entry and access point.

Features

Community allows you to chat and trade with other members

Herd management area to keep a full range of Farm herd records

Breed cycle manager to help evaluate, manage and improve your herd fertility

Milk recording module analyses milk records

Field recording/pasture monitoring module to record field events and monitor pasture growth

LIC genetics module to improve your herd's genetic performance.

What to do next?

If you are interested in trying the FarmWizard pasture package for free, register by:

1. Visiting www.pasturetoprofit.co.uk
2. Click "FarmWizard Pasture Package - FREE" button on the left hand menu bar
3. Click the FarmWizard URL.
4. Register your details

You will then be contacted by FarmWizard customer service. Alternatively you can call FarmWizard on 07973128 429.



Hassle free herd records

- Maximise herd performance
- Improve LIC genetics in your herd
- Minimise record keeping time
- Avoid cross compliance penalties



FOKUS OP OUDEWAGENDRIFT BOERDERY -WORCESTER-

Deur : Johan Muller

Dit is baie moeilik om te verklaar waarom sommige familieboerderye uiters suksesvol is en ander nie. Die rede vir sukses is 'n kombinasie van faktore. Dit maak nie saak hoe die omgewing of die mense dalk verskil nie, maar as besluite soos bv. om te deel of nie te deel nie, uitbreiding, finansiële beplanning, die keuse van handelsvennote, en diversifisering, nie gerugsteun word deur professionaliteit asook kundige raad en bystand nie, sal die onderneming nie slaag nie. Dit is wel waar dat dit nie altyd maklik is om die keuse te maak van wie jou in jou boerdery moet bestaan nie. Die rede vir mislukking is egter dikwels omdat die onderskeie vennote nie besef dat hulle professionele hulp nodig het - en nie kundiges kan wees op elke vakgebied van die landbou nie.

In die pragtige bergryke Worcester streek is 'n familie wat nou reeds vir die Sde geslag op die plaas Oudewagendrift boer. Oom Willie Naude, reeds in sy tagtigste jaar en steeds woonagtig in die historiese familie opstal, het die grondslag gelê vir die suksesvolle gemengde boerdery. Sy seuns, Peini, Wilhelm en Johan, is nou in beheer van 'n onderneming wat steeds groei en van krag tot krag gaan. Die plaas is in 1812 deur Stefanus Francois Naude van Lord Charles Somerset gekoop. Peini, wat verantwoordelik is vir die suiwelvertakking, word bygestaan deur sy kuddebestuurder - Schalk Fourie.

Wilhelm en Johan wat onderskeidelik verantwoordelik is vir die vrugte en akkerbou afdelings, word bygestaan deur hul bestuurders, Johan Botha en Corne Strydom. Die administrasie word deur Shawn Kruger behartig.

Ek het reeds in 1982 met hulle kennis gemaak en is sedertdien verantwoordelik vir die genetiese aspekte van hul 900 koei Holsteinkudde. Volgens Peini wil hy en sy broers nie nou al praat van suksesverhale nie. Die suiwel vertakking is onlangs vergroot van 'n 600 koei kudde na ongeveer 900 koeie. Verder is die vrugteverpakkingsaanleg ook opgegradeer en word daar jaarliks ongeveer 200 000 kissies vrugte verpak - hoofsaaklik vir die buitelandse mark.

Die produksie van ruvoer is die bepalende faktor oor die aantal koeie wat op Oudewagendrift gemelk kan word. Lusern, hawer en mieliekuilvoer is die basis van hul ruvoer komponent en word op 250 hektaar onder spilpunt besproeiing geproduseer. Die gemiddelde reënval is ongeveer 200 mm per jaar. In die somer kan temperature tussen Desember en Maart tot so hoog as 43 grade styg. Die hitte is beslis die een aspek wat in die suiwel-vertakking baie fyn bestuur moet word.

Schalk Fourie en Peini Naude in die nuut geboude 50 punt melkstal





Wilhelm, Peini en Johan. Meer as 200 000 kistsies vrugte word jaarliks hoofsaaklik vir die buitelandse mark verpak.

Tans kry verse tot op 6 maande ouderdom, kalfgroeipille en daarna slegs weiding en kuilvoer. Die ouderdom met kalwing is 24 tot 26 maande. Die lakterende koeie is in vier produksiegroepe verdeel en word volgens produksie 'n gebalanseerde rantsoen gevoer.

In 2009 het die Naude's besluit om hul kudde te vergroot en gevolglik moes die melkstal opgegradeer word. In Oktober 2009 is 'n nuwe 50 punt draaitafel met 'n Alfa Laval sisteem voltooi. Die melk word reeds vir die afgelope 14 jaar aan Dairy Belle gelewer. Voor hierdie tydperk is melk voorsien aan Rooikrans Melkery op Worcester waar hul Pa, oom Willie, 'n groot leidende rol gespeel het. In Oktober 2009 was die gemiddelde produksie per dag 27 liter per koei en tans is die gemiddeld 31 liter. Volgens Peini kan die vordering waarskynlik nie alles aan die nuwe stal toegeskryf word nie maar hy is oortuig dat dit met die nuwe sisteem beslis moontlik was om die algemene bestuur tot 'n hoër vlak te neem. Die huidige produksie van die vier groepe is as volg (2 x per dag melking):

GROEP	AANTAL KOEIE	GEMIDDELDE PRODUKSIE	GEMIDDELDE LAKTASIES
1	208	40.1	3.4
2	133	28.1	3.3
3	156	19	2.7
4	104	29.6	1

Soos in die meeste streke in die land, bemoeilik verskillende melkprysstrukture die teelddoelwitte en is dit deesdae ook nie ongewoon as melkboere in een jaar twee keer van melkkoper verander nie. Die inskakeling van die Worcester streek by die Kaapse varsmelkgebied maak dit egter 'n bietjie makliker. Op Oudewagendrift het ons dus die afgelope 14 jaar gekonsentreer op aspekte soos produksie, algemene voorkoms en veral lanklewendheid. Vastestowwe word ook in ag geneem aangesien Dairy Belle wel ook 'n premie uitbetaal vir bottervet bo sekere vlakke. Dit bring

mee dat die druk op ultra hoë produksies per koei effe laer is en dus 'n positiewe effek op lanklewendheid tot gevolg het. Wat algemene voorkoms aan betref is uierverbetering 'n doelwit. Die klem is ook op medium grootte koeie. Uiters hoë temperature gepaardgaande met die feit dat droë koeie en verse hoofsaaklik moet wei, vereis dat koeie moet kan stap en ook nie te groot moet wees nie.

"Integriteit, goeie diens en uiters goeie resultate is die belangrikste rede waarom ek Genimex as semenverskaffer gekies het. Dit is 'n feit dat daar baie goeie beproefde Holstein bulle ter wêreld beskikbaar is. Dit bly egter 'n onmoontlike taak vir 'n suiwelboer om op hoogte te wees van die verskillende lande se genetiese stelsels en teelddoelwitte. Ek het reeds lande soos Denemarke, Duitsland en Italië besoek. Ek is oortuig dat hierdie stelsels vanweë hul sterk koöperatiewe aard, die betroubaarste toetssisteme in plek het. Verder het ek die vertroue in Genimex om vir my die beste genetiese uit hierdie stelsels teen 'n uiters mededingende prys te verskaf. Vanweë die ongunstige melkprys tot voerprijs verhouding is dit vir my belangrik om al my aandag toe te spits op dit wat my wins direk en onmiddellik beïnvloed. Ons volgende projek moet wees om ons 'koei omstandighede' te verbeter, veral wat skadu en behuising aan betref. Dit moet egter alles geskied in oorleg met ekonomiese doeltreffendheid." - Aldus Peini

Dit is vir ons by Genimex 'n groot eer om te kan sê Oudewagendrift is ons kliënt. Hierdie is een van die mees besonderse en geskiedkundige familie boerderye in Suid Afrika en dit was vir my 'n aangename voorreg om tot dusver tot hulle diens te wees. 'n Geseënde Kersfees en voorspoedige 2012 word aan die Naude's en hul span toegewens!

"Integriteit, goeie diens en uiters goeie resultate is die belangrikste rede waarom ek Genimex as semenverskaffer gekies het".

GENIMEX HOU 'N NAGESLAGTOER IN DIE NOORDWES PROVINSIE

Genimex het met trots 'n Jersey inligtingsdag in die Vryburg area aangebied. Die doel van die dag was om nageslag van Deense Jersey bulle te besigtig. Die gasspreker vir die dag was ons ou vriend van Viking Genetics in Denemarke, Mnr Peter Larson.

Peter is nie meer 'n vreemdeling in Suid-Afrika nie, hy was al 'n hele paar maal hier maar dit was wel sy eerste besoek aan Noordwes. Peter is die Rasdirekteur van die Deense Jersey Genootskap met wye kennis van die Jersey-ras, regoor die wêreld.

Peter het 'n baie insiggewende lesing gegee oor die Jersey bedryf in Denemarke asook 'n beskrywing van die Jersey nageslagtoetsprogram wat in Denemarke bedryf word. Daarna is koeie van Watervlak en Vaalbos kuddes besigtig wat hy beskryf en sy mening oor gegee het.

'n Ander bekende wat al die pad van Delmas af gery het om die dag by te woon was Dr Johan Jooste wat weereens 'n waardevolle bydrae tot die dag gelewer het.

Genimex spreek sy waardering uit aan die telers en belangstellendes wat die toer bygewoon het en saam die uitgestrektheid van die Vryburg distrik kon beleef het. Aan die van der Merwes van die Watervlak Kудde en die Vissers van die Vaalbos Kудde, dankie vir julle gasvryheid en besonderse sorg waarmee die besigtiging van julle kuddes moontlik gemaak was.

Genimex is trots om die invloed van genetika uit ons 'stal', in u kuddes waar te neem.



Peter Larson bespreek die koeie in die Watervlak kudde van die van der Merwes



Twee Q Impuls in die Watervlak kudde. Van die dames wat die dag bygewoon het. Elrie v.d Merwe, Petro v.d Merwe en Madelein van Zyl.



'n Q Impuls dogter in die Vaalbos kudde van die Visser Familie



'n Q Impuls dogter in die Watervlak kudde

IMPRESSIONS OF SOUTH AFRICA

November 2011

Herds

During my visit to South Africa, November 2011, I had the privilege to present the Danish Jersey breeding program at several farmers' meetings and visit Jersey herds which are excellently managed.

Surprisingly the feeding systems were very similar to those most common in Denmark, - Total mixed rations all year round, with the majority of the feed being maize silage, ensuring stable production.

Cows and pedigrees

As on my last visit, I saw some excellent Q Laf daughters. Not surprisingly, as Q Laf also does well in our part of the world. In October, at the Swedish National Show, both Grand Champion and winner of the production contest were Q Laf daughters. But the most impressive cows were the Q Impuls daughters. Q Impuls is well known worldwide for good functional type and excellent production, but he can also breed show winners, as we have just seen at the World Dairy Expo in USA (Intermediate Champion), Italy (National Grand Champion) and Denmark (National Junior Champion). My impressions of the South African Q Impuls daughters were that many of them could be shown, with their excellent type, feet & legs and good udders. And then add the production!

Unfortunately all the DJ May daughters that I saw were heifers. But excellent and elegant heifers with stature, capacity, type and excellent feet & legs. Like at home in Denmark.

Breeding programs

In many of the herds visited, the variation was large. It seemed that it was an effect of a total mix of different bulls from different populations. I think that many breeders could benefit from describing a breeding goal for their herd and then identify the

bulls that can help them fulfill that goal. Not 20 different bulls a year, but 5 to 10 of the world's best. You have access to nearly all the best genetics, from all of the leading AI companies worldwide. Take advantage of it, and don't be afraid to focus on bulls from only one population, as long as you avoid inbreeding. Good luck with your Jersey breeding program!

Thanks to Genimex and the herd owners for giving me the opportunity to visit and present the Danish Jersey, and for a great experience.

Peter G. Larson
Breeding Manager & Executive Secretary
Danish Jerseys
VikingGenetics



'n Jong DJ May dogter. DJ May is tans die nommer een SAINET bul en ons verwag daar gaan nog groot getalle verse van die bul kalf. Van die telers wat die dag bygewoon het, van links na regs Hannes v.d Merwe, Sas v.d Merwe, Dr Johan Jooste, Peter Larson en Ernest Visser.



Hannes van de Merwe, Sas van der Merwe, Dr Johan Jooste, Peter Larson en Ernest Visser na die verloop van die dag

TOUR TO DENMARK 2011

Genimex would like to not only thank Peter and Tina Høj as well as their herd manager Johannes Kordese for showing the group from South Africa their cows. We would also like to congratulate them on the unbelievably high standard of their herd. The cattle shown to the group reinforces that fact that when a breeding policy is determined and adhered to and coupled with a high levels of management phenomenal results can be achieved.



1 JAS Bungy X FYN Lemvig 18903-01768
7778kg milk 5.37% Fat 3.98% Prot
418kg Fat 309kg Prot

2 Q Zik X JAS Hot 18903-01773
7205kg milk 6.37% Fat 4.02% Prot
459kg Fat 289kg Prot

3 DJ May X JAS Bungy 18903-01915
10212kg milk 5.05% Fat 3.59% Prot
516kg Fat 366kg Prot

4 DJ Lirsk X Q Zik 18903-02012
4536kg milk 6.10% Fat 4.05% Prot
257 days 276kg Fat 184kg Prot

5 JAS Bungy X Q Handix 18903-01857
7398kg milk 6.49% Fat 4.55% Prot
480kg Fat 337kg Prot

6 DJ Lirsk X Q Zik 18903-02011
5650kg milk 5.61% Fat 3.85% Prot
249 days 317kg Fat 217kg Prot

7 Q Impuls X FYN Lemvig 18903-01700
10091kg milk 5.24% Fat 3.95% Prot
529kg Fat 399kg Prot

8 DJ Lirsk X Q Impuls 18903-01951
8019kg milk 6.46% Fat 4.33% Prot
518kg Fat 347kg Prot

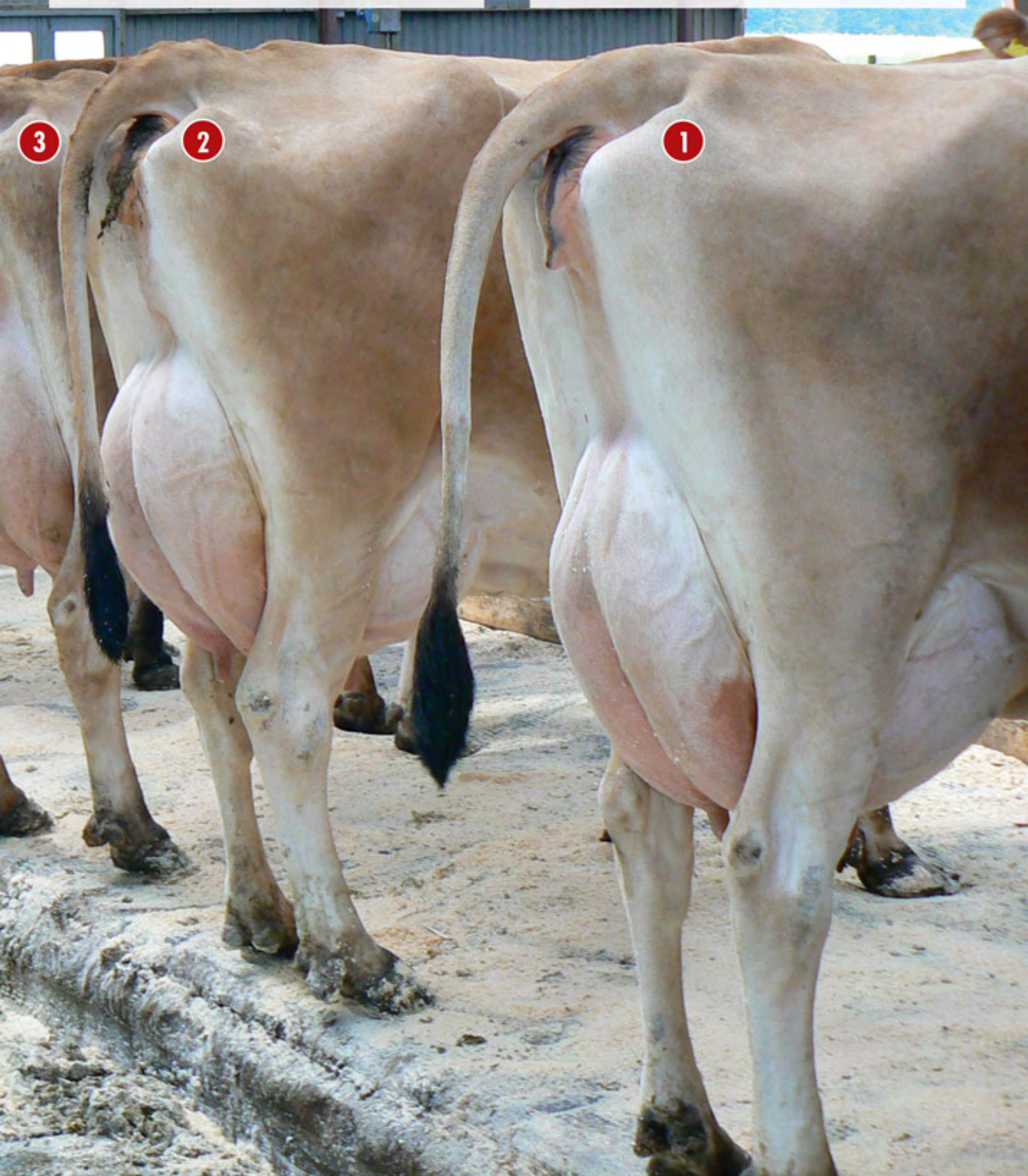
9 Q Impuls X Q Zik 18903-02019
6163kg milk 5.56% Fat 3.72% Prot
228 days 343kg Fat 229kg Prot

10 DJ Lirsk X M Jace 18903-01985
5579kg milk 6.11% Fat 4.26% Prot
341kg Fat 238kg Prot

Photograph by Willem van Lingen

The Haugstedgaard herd of Peter Høj is currently the highest producing herd in Denmark. The average production over 143 cows makes impressive reading.
8 322Kg milk 6.01% Fat 500kg Fat
4.17% Protein 347Kg Protein 847Kg Fat and Protein.

When one views the herd and looks at the cows as presented to the group one can clearly see that high production and high type can be selected for and achieved. It is my pleasure to publish this photograph and indicate the breeding and productions of a fantastic group of Danish Jersey cows. - Chris Cloete



DIT WAS WEER TYD OM TE TOER

Presies twee jaar na die eerste toer na Denemarke wat Genimex greël het was dit weer tyd om 'n groep boere te neem. Ons sê dankie aan ons kliënte wat die tyd gevind het om saam met ons te gaan en ons glo hulle was nie net beïndruk met die genetika, die beeste en die fasiliteite nie, maar het ook die Deense kultuur geniet. Hier is 'n paar fotos geneem gedurende die toer.



Die manne agter in die bus.
Japie Nel van Schweizer Reineke, Tienie Durr van Malmesbury,
Shawn Buckley die Genimex agent in die George area en
Ferdie Myburgh, Genimex agent in die Vrystaat en noordelike dele.



Een van die moderne melkstalle wat die groep besoek het.
Dit was die stal van Mogens Pedersen.



Carl en Hilda Oosthuizen al die
pod van Addo in die Oos Kaap.



Ons eet alweer, die keer in 'n restaurant in Middelfart.
Hier geniet Reaan en Louisa van Schoor, Johan Muller en
Elna Rossouw hulle nagereg.



Die Suid Afrikaners geniet tee en eetgoed tydens die besoek aan Vagn Linde Petersen



'n Tradisionele ete word deur die groep geniet in die Steensgard Kasteel



Jaco Janse van Rensburg van Riversdal en John Britz van die Eselfontein kudde in Ceres geniet hulle besoek aan Legoland



Johannes Kordese, die kudde bestuurder van die kudde van Peter Hoj



Pernille Hougaard Jensen, 'n jong en bekwame adviseur wat vir die Deense Jersey Telers adviseer oor hulle teling



Die toer het op 'n hoogtepunt ge-eindig met 'n besoek aan die kudde van Peter en Tina Hoj. Die kudde van Peter en Tina Hoj is tans die hooste produserende kudde in Denemarke
143 Koeie 8322kg Melk 6.01% Vet 500kg Vet 4.17% Prot 347kg Prot

Arden

italian style

Las Farm Mr Sam Arden ET - IT004990218717

Mr Sam x Mtoto x RC Matt

Milk 867 - Fat 0.18% - Protein +0.05%

Longevity 109 - SCS 106 - C.E. 109

Type 1.96 - Udder 2.26



Arden Niura GP83



Ceres Arden Nadina GP84



Niura GP83



Piceleo Arden Dispera GP83

Genimex

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Semenzoo **italy**