

SA Holstein

NUUS 2023 NEWS

DESEMBER • DECEMBER | VOL. 1



Milagro Lynette 18123 is a beautiful Bacon-Hill MONTROSS-ET daughter currently in her third lactation. She is the highest producing first calver ever at Milagro producing 13000 kgs milk off pasture and concentrates. A deep pedigreed cow from a long lived, high producing dam line; her Cancun dam is still in the herd with 76000 kgs lifetime. Her grandam by Garrison produced 92099 kgs lifetime. 3rd dam by Lord Lily made 115299 kgs and Juror 4th dam 110581 kgs lifetime. Lynette has the pedigree and conformation for endurance!



NUUSBRIEF NEWSLETTER

· Desember 2023 December ·

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VAN DIE *President*

Geagte Lid

Die jaar 2023 het verby gesnel.

Dit was 'n jaar vol hoogtepunte, die trotse ervaring om die Rugby Wêreldbeker te wen, is maar net een van hulle.

Alhoewel S.A Holstein nie 'n Rassie het nie, het ons ook 'n "Gameplan" vir 2024 en glo ons dat die resultate ons lede sal trots maak. Die Raad en personeel wens elkeen van

ons kosbare lede, 'n Geseënde Kersfees en 'n voorspoedige 2024 toe.

To all our members who are dear to us. We wish all of you nothing but the joy and happiness that Christmas bring.

Merry Christmas and a Happy New Year to all.

Holstein groete
Jaco Herbst
President

Council RAAD

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Notule

ALGEMENE JAARVERGADERING

Minutes

ANNUAL GENERAL MEETING

23 Augustus/August 2023, George



Daar was 10 lede teenwoordig, 1 Lid het 2 kuddes. 3 Proxy's. 13 Stemme.

1. VERWELKOMING/WELCOME

Die President heet almal welkom by die Algemene Jaarvergadering.

2. OPENING MET SKRIFLESING & GEBED/ OPENED WITH SCRIPTURE READING & PRAYER

Mnr Jaco Herbst open die vergadering met skriflesing en gebed.

3. KENNISGEWING VAN VERGADERING/ NOTICE OF MEETING

The notice of the Annual General Meeting and Agenda was e-mailed on the 17th May 2023 and a WhatsApp was send on the 15th August 2023, and was taken as read.

4. VERSKONINGS/APOLOGIES

Mnr Ruben Redelinghuys
Mnr Rubi Redelinghuys
Mr David Masterson
Mnr Poena van Niekerk

5. BETUIGING VAN MEEGEVOEL / CONDOLENCES

Dr Michael Bradfield - Breedplan
Mnr John Muller van George

Johan Schoeman van LMJC

Boet Reynecke

Willa Vorster

Mnr Vos Grey van Janvos Landgoed

Mnr Willam Basson van Uilenkraal

Hannes se Vader – Mnr Ben Pretorius

Jaco se Vader – Mnr Kobus Herbst

Ellen se Swaer

Mnr At van den Berg

**Mnr Ted Quinn (Raadslid, Tesourier, Vise President
1979 – 1989)**

The meeting observed a moment of silence.

6. GOEDKEURING VAN NOTULE/APPROVAL OF MINUTES: 10/10/18

The Minutes of the 16th June 2021 AGM was published in the electronic newsletter. Minutes were approved.

Proposed: D Ferreira

Seconded: M Meyer

7. SAKE VOORTSPRUITEND/MATTERS ARISING

Geen sake voortspruitend nie / No matters arised.

8. PRESIDENT SE VERSLAG/PRESIDENT'S REPORT (J Herbst)

Raadslede, ere- lede en lede

Dit is vir my'n voorreg om my President verslag vir die afgelope twee jaar aan u voor te hou.

Ladies en Gentlemen

As published in the South African Journal of Animal Science, the primary goal in dairy cattle breeding is to improve the profitability of milk production, but a sound dairy breeding objective should include all traits that are economically relevant in dairy production.

Research done by SASAS (South African Society for animal Science) showed that the Holstein is the most widely used dairy cattle breed in South Africa.

It also showed that breeding objectives for South African Holstein cattle in the past has been defined by an Index, this Index was derived from a consensus approach, which is generally considered inappropriate, as it lacks scientific and economic basis.

Failure to implement scientifically developed and balanced breeding objectives in South African Holstein cattle is cause for concern.

Dames en Here

Dit is hiervoor dat SA Holstein tans genomika as die wetenskaplike en Lineêre klassifikasie as die metings kriteria van rasverbetering erken.

Die genootskap is trots op kuddes soos die van Mnr. Coenraad Basson wat reeds sowat 3800 diere genomies laat toets het, met uitslae so hoog as 2949TPI en 1100 op netmerit.

Die genootskap het ook daarin geslaag om ongeveer 11 000 diere te klassifiseer sedert ons vorige vergadering. Baie dankie aan ons tegniese adviseur Francois Uys. Ek wil graag elke lid versoek om hom te kontak om sodoende u klassifikasies op datum te kry en te hou.

Ons wil ook graag hê dat u van ons Genomiese ontledings dienste in samewerking met Zoetis sal gebruik maak, 'n sekere aantal diere per kudde se kostes word deur die genootskap gefinansier.

Alhoewel ons ledetal oor die afgelope paar jaar tot tans 50 lede gedaal het, bly ons gemiddelde kudde groottes steeds groei.

Tans is die van 'n geregistreerde Holstein kudde ± 700 vroulike diere per lid, en ons aantal geregistreerde diere ongeveer 32 000 diere.

Volgens DMC het die Nasionale kudde (insluitend kommersiële diere) se persentasie vers kalf geboortes tot 'n gemiddeld van 68% toegeneem.

Bogenoemde is hoofsaaklik as gevolg van die gebruik van geslagtelike saad op vervangings verse.

Dames en Here

Soos u weet, meer vervangings verse maak dit moontlik om strenger te selekteer, wat ons dan by ons doel as stoet telers bring nl. Kudde verbetering en genetiese voor uitgang.

Dit is slegs my opinie, dat die praktyk slegs volhoubaar kan wees indien ons, ons verse genomiese toets, eerste laktasies laat klassifiseer en volgens bogenoemde selekteer.

SA Holstein in samewerking met die Kanadese Holstein federasie is besig met die ontwikkeling van 'n klassifikasie toepassing, wat die klassifikasie asook die hantering van die data sal vergemaklik en bespoedig.

Die oorskakeling na die ILR program, het egter nie sonder uitdagings gekom, die weerhouding van die bul data deur ons vorige diensverskaffer het gelei tot leemtes op stambome. Danksy die harde werk van Ellen Jacobs behoort ons teen die einde van die jaar alle opgedateerde bul data op ons stambome te hê. Ellen baie dankie vir jou toewyding en harde werk.

Soos ons reeds aangekondig het is dit nou moontlik om u produksie data elektronies in ons stelsel in te trek en sodoende die diere se voltooide laktasies op die stamboom te laat verskyn. Indien u enige vrae oor die implementering hiervan het kontak vir Susan Van Niekerk om u by te staan. Baie dankie Susan vir al die tyd en moeite, ons sal die proses nog vervolmaak.

Dit is die raad se verantwoordelikheid om dit onder ons lede se aandag te bring, dat alhoewel die genootskap sedert 1946 as Holstein Friesian Society by die World Holstein Friesian Federation geregistreer is en dit in 1999 hernu is, ons dit nou met regsaksie moet verdedig.

SA stamboek het onwetend die registrateur van Veeverbetering die publikasie in die staatskoerant laat goedkeur dat stamboek die Friesians se telersgenootskap is. Daar word deur hulle aangevoer dat dit twee verskillende rasse is, en dit is so gepubliseer. Tans is SA Holstein slegs die geregistreerde owerheid vir die SA Holsteinras.

Die raad was egter ook genoodsaak om deur middel van regsaksie ons lede en voornemende kopers te beskerm teen 'n wanvoorstelling wat deur een van ons lede op sy produksie veiling gemaak is naamlik om suiwer geregistreerde Holsteins as Friesians te bemark en Holsteinbulle se registrasienommers aan sogenaamde Friesians toe teken.

Dames en Here

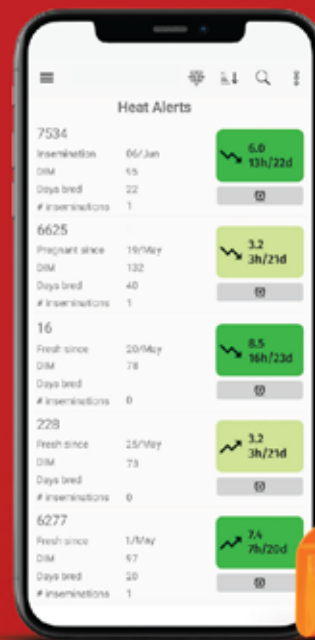
Hiermee sluit ek af, SA Holstein is na 109 jaar die enigste suiwer genootskap wat steeds sy identiteit as geregistreerde owerheid ten spyte van alle aanslae behou het.

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AHEAD OF THE HERD TOGETHER

FERTILITY MATTERS

PAIR THE PRECISION OF COW MANAGER'S FERTILITY MODE WITH WORLD WIDE SIRES' HIGH SIRE CONCEPTION RATE SEMEN.

PROVEN HOLSTEIN

NAME	CODE	NM\$	SCR
GRUFF 	14HO7796	803	2.5
BASIC 	14HO14129	711	2.1
MOSCOW 	7HO15132	945	1.6
FOXCATCHER 	7HO14578	863	1.0

GENOMIC HOLSTEIN

NAME	CODE	NM\$	SCR
EAST 	14HO15831	1007	2.4
CIRRUS-P 	14HO15929	868	2.2
MALONE 	7HO16263	1119	2.1
EARNST BASS 	7HO16308	1054	1.5

SIRE CONCEPTION RATE (SCR)

IS **NOT** A GENETIC TRAIT. SCR MEASURES THE SEMEN FERTILITY OF A BULL.

AN SCR OF 1.0 = 1% INCREASE IN CONCEPTION RATE WHEN COMPARED TO AVERAGE.

MANY FACTORS EFFECT A COW BECOMING PREGNANT AND SOME FACTORS ARE HARDER TO CONTROL THAN OTHERS, BUT SEMEN SELECTION CONSIDERING SCR IS AN EASIER CHOICE.



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08/23 CDCB and HA data: SCR, Prod. and Type
Rel.: 14HO7796 99%, 99%, 98%
14HO14129 98%, 99%, 99%; 7HO15132
96%, 93%, 89%; 7HO14578 98%, 99%, 97%;
14HO15831 88%, 82%, 80%; 14HO15929
91%, 81%, 80%; 7HO16263 79%, 81%, 80%;
7HO16308 75%, 80%, 79%.

En daarvoor wil ek ons elke individu bedank vir hulle bydrae en volgehoue ondersteuning,

Ek wil u almal hartlik uitnooi om 21ste die Nasionale Kampioenskappe saam met ons oor die volgende paar dae te geniet.

Sterkte aan elke vertoner.

Baie dankie

9. TESOURIER SE VERSLAG/AANSTEL VAN OUDITEURE / TREASURER'S REPORT/ APPOINTMENT OF AUDITORS (J Herbst)

Raadslede en lede

Graag hou ek die Tesourie verslag vir die finansiële jaar geëindig 28 Februarie 2023 aan u voor.

Die afgelope twee jaar sedert ons vorige algemene vergadering in 2021 was vol uitdagings.

Die finansiële druk wat ons ekonomie op elke rolspeler plaas, ontduik nie die genootskap nie.

Alhoewel die bestuur daarin geslaag het om ons veranderlike koste aansienlik te besnoei, het dit dienslewering, groei en vooruitgang nadelig beïnvloed.

Die bedanking van ons algemene bestuurder tydens die onderhandelinge het ons tydelik onder baie druk geplaas. Ons kan met trots sê ons het dit hanteer.

Ek wil graag namens die Raad en die genootskap vir Herman Duvenhage bedank vir sy jare lange diens en insette, ons wens hom alle sterkte toe vir sy toekomsplanne.

Van die vernaamste fokuspunte, is om vir ons lede meer waarde te bied in die vorm van dienste en data verwerking wat hulle kan gebruik om finansiële voordeel in hulle kuddes te ontgin.

Ons strewe daarna om kommunikasie en skakeling met ons lede, koste effektief te verbeter, deur die opleiding en aanstelling van bevoegde, bekwame en gemotiveerde personeel.

Ons is op datum met die nodige instandhouding van ons gebou en het die nodige verbeterings aangebring om "loadshedding" beter te kan hanteer en om ons personeel se veiligheid te verbeter sodat ons 'n diens kan lewer.

Ek wil elke lid bedank vir julle volgehoue lojale ondersteuning as lid van ons genootskap.

Dit is my mening dat die finansiële state van SA Holstein 'n ware en korrekte weergawe van die finansiële welstand van sake is.

Ons is dankbaar dat ons kan sê SA Holstein se finansies is gesond.

Indien 'n lid enige vrae het kan u my kontak.

Ek wil dus eerstens vra vir 'n voorstel om my verslag goed te keur, 'n sekondant.

Voorstel: A. Masterson **Sekondant:** F. Potgieter

Tweedens wil ek vra vir 'n voorstel dat ons, ons huidige Ouditeure heraanstel as ons Ouditeure vir die komende finansiële termyn, asook 'n sekondant

Voorstel: C. Fourie **Sekondant:** M. Meyer

Baie dankie

10. KONSTITUSIONELE SAKE / CONSTITUTIONAL MATTERS

Geen

11. VERKIESING VAN RAAD / ELECTION OF COUNCIL

Jaco vra Susan om die vergadering te lei. Susan sê dat al die huidige raadslede beskikbaar is.

Susan versoek nominasies vir raadslede:

Voorgestel: Marius Meyer stel voor dat die huidige raad bly soos dit is.

Sekondant: Dawfred Ferreira vra dat dit eenparig aanvaar word.

12. VERKIESING VAN PRESIDENT EN VISE-PRESIDENT/ELECTION OF PRESIDENT AND VICE-PRESIDENT

12.1 President verkiesbaar uit raad:

Jaco Herbst

Voorgestel: Marius Meyer

Sekondant: Dawfred Ferreira

Eenparig aanvaar

12.2 Vise-President verkiesbaar uit raad:

Andrew Masterson

Voorgestel: Marius Meyer

Sekondant: Dawfred Ferreira

Eenparig aanvaar.

Jaco bedank die lede vir hulle vertroue in die raad en die raadslede vir hulle samewerking en ondersteuning.

13. GENERAL/ALGEMEEN

Zoetis – Genomic testing



WHAT IS GENOMICS?

Genetics: single gene

Genomics: all the genes and their effects on each other i.e., the genetic potential of that animal



WHY THE FUSS?

- Many farmers use parent average/pedigree to make their keep/cull and breeding decisions
- Parent average assumption:



100 %

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WHY THE FUSS?

Parent average assumption vs reality:

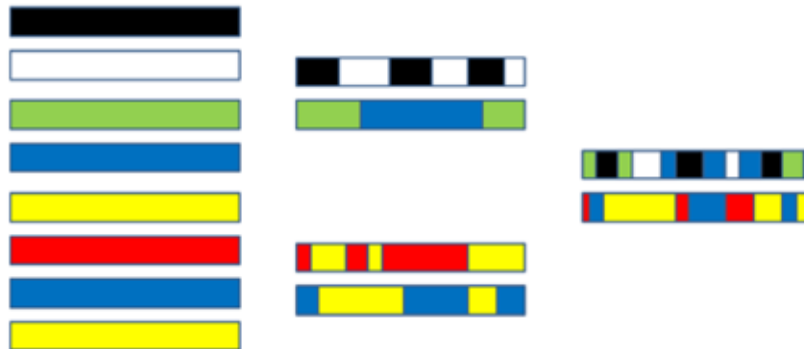


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WHY THE FUSS?

Parent average assumption vs **reality**:



WHY THE FUSS?

Mendelian sampling - the number of genetically unique combinations that can be expressed in the offspring of the same parents can amount to:

1,152,921,504,606,850,000

This means, these animals will all have the same parent average, but are actually very different!
These various combinations will have impacts on productivity, reproduction, conformation and disease resilience.
This leads to different profitability potentials between animals.



Zoetis data shows that parent misidentification can be greater than 15 percent on commercial dairies. CLARIFIDE helps you better manage parentage verification and reduce inbreeding.

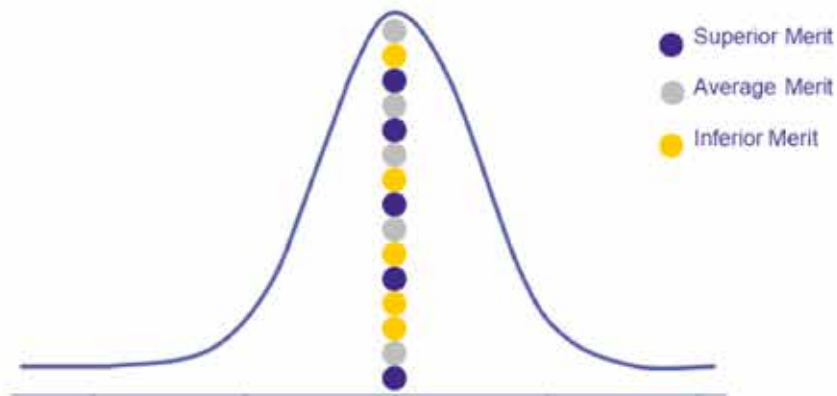
MISIDENTIFICATION OF PARENTAGE INFORMATION CAN BE
>15%

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WHY THE FUSS?

- With no information (no parentage records), everyone appears to have the same genetic merit

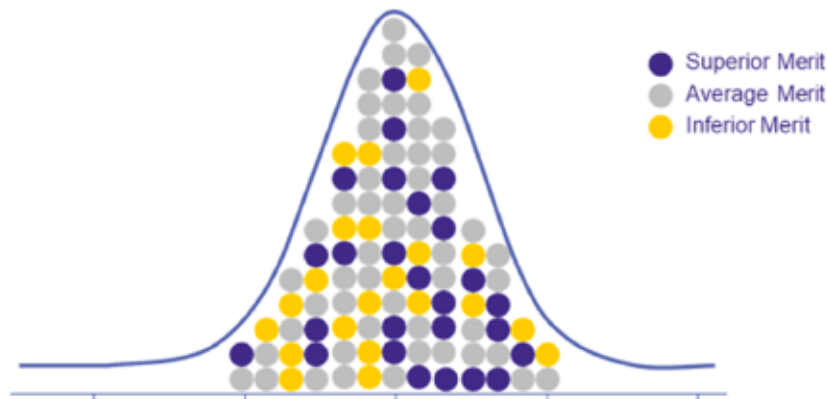


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WHY THE FUSS?

- With low reliability predictions (parentage only), we can begin to sort animals based on genetic merit, but we are more susceptible to mistakes

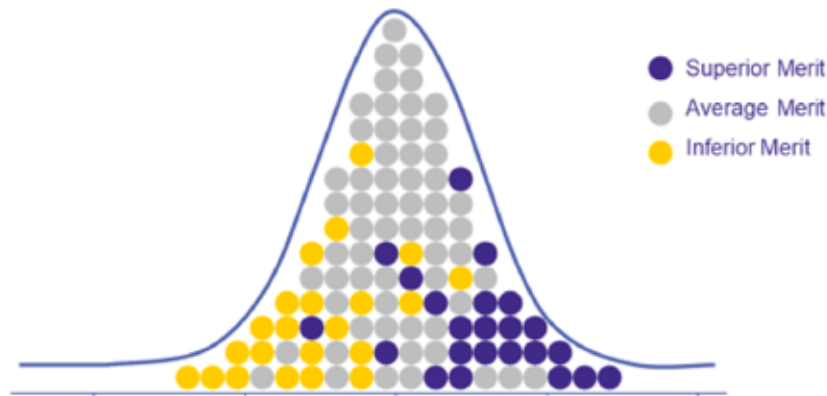


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WHY THE FUSS?

- High reliability predictions (gPTA) help us sort more accurately sort animals yielding better decisions



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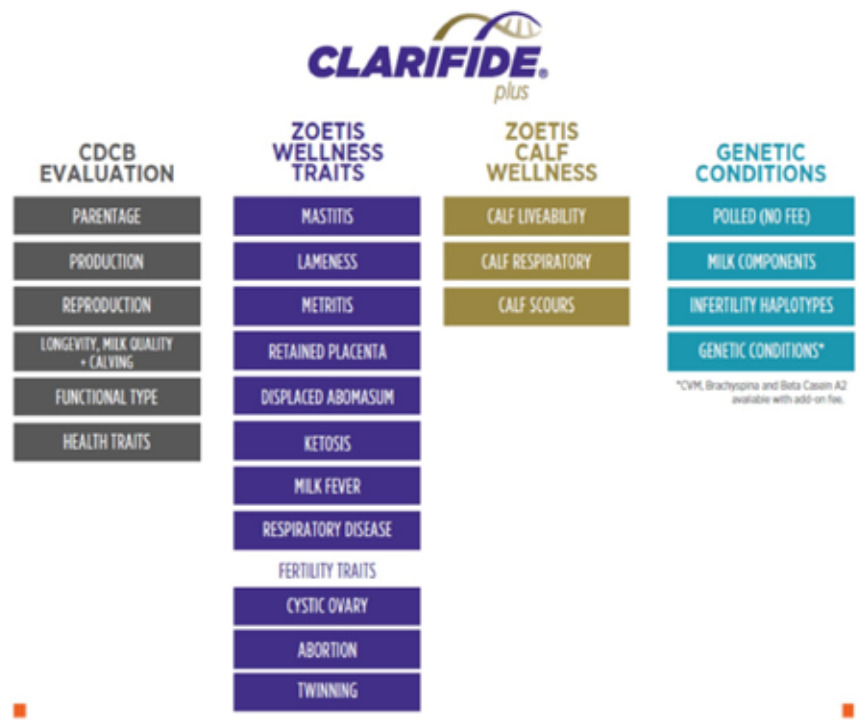
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What is Clarifide® Plus?

13



HOW A2 BETA-CASEIN ADDS VALUE

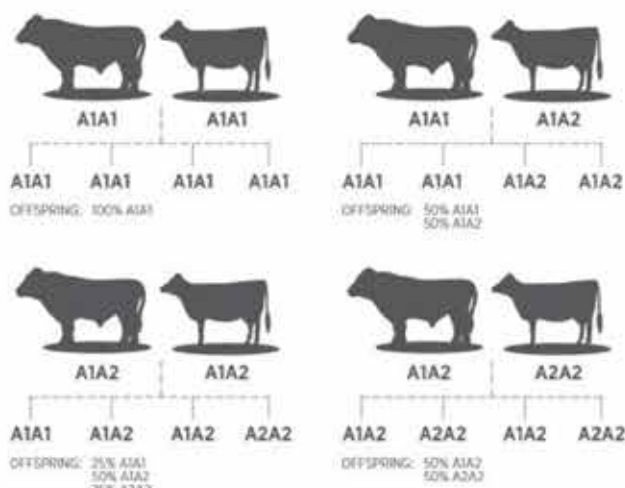
Cows' milk contains Beta-Casein proteins, which come in several forms depending on a cow's genetic makeup. Included in these are two types of Beta-Caseins, A1 and A2, that have been gaining significant attention in the milk market lately.

Determining A2 production in your herd can be done through genetic testing. In fact, producers who focus on the trait and genetically manage herds for A2 Beta-Casein may be adding value not only to the products produced, but also to the animals themselves.

Studies have linked possible health benefits to A2 milk consumption.¹ Although health benefits are still being debated in the industry, milk containing only the A2 protein is selling in USA, New Zealand and Australian markets at a premium over standard milk. This demand offers great potential to maximize your profitability.



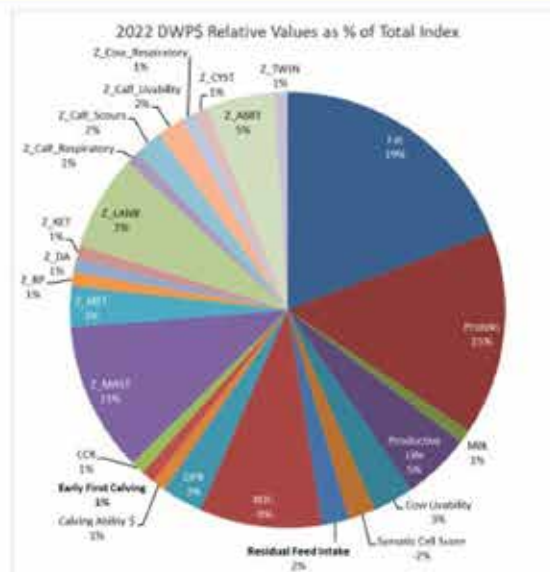
PROBABILITY OF GENETIC A1/A2 BETA-CASEIN COMBINATIONS



For a dairy to remain profitable it needs mature, productive, fertile cows for multiple lactations



DWP\$ HOLSTEIN 2022



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Why is
CLARIFIDE®
Plus
different?

One CLARIFIDE Plus sample gives a prediction on:



Health & Fitness

14 Zoetis health traits
DWP\$ index
CDCB health traits
10 fertility traits
Lifespan



Production

Milk (kg)
Fat and Protein (kg & %)
Cheese merit \$



Type & Composites

Body size composite
Type merit
Udder, feet and legs
composites
50+ Type traits



Milk Quality

SSC
Beta casein A2
Beta lactoglobulin
Kappa casein
Alpha S-1 casein



Genetic Conditions

Fertility haplotypes
Recessive genes
HDC, Brachyspin & CVM
Coat colour
Polled gene
Genomic inbreeding



Efficiency

Feed saved
Feed efficiency
Residual feed intake
Productive life

17

DWP\$ composition

18

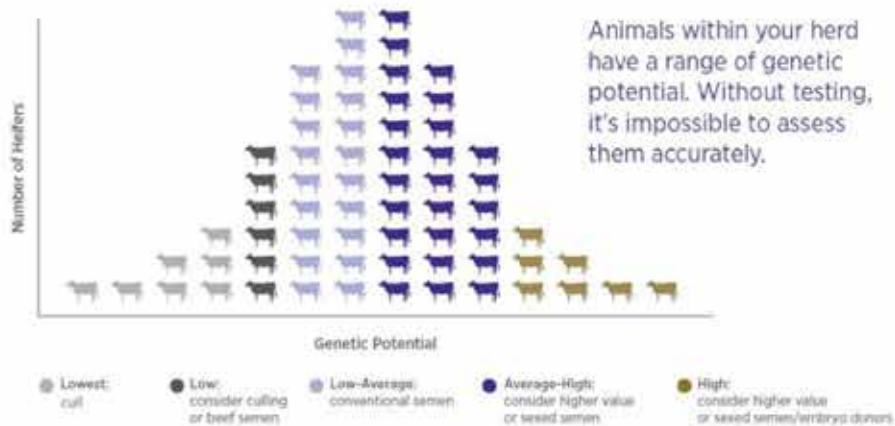
Weightings of the Dairy Wellness Profit Index (DWP)

DWP 2022*



HOW DO WE USE GENOMICS?

EXAMPLE: MANAGEMENT STRATEGY

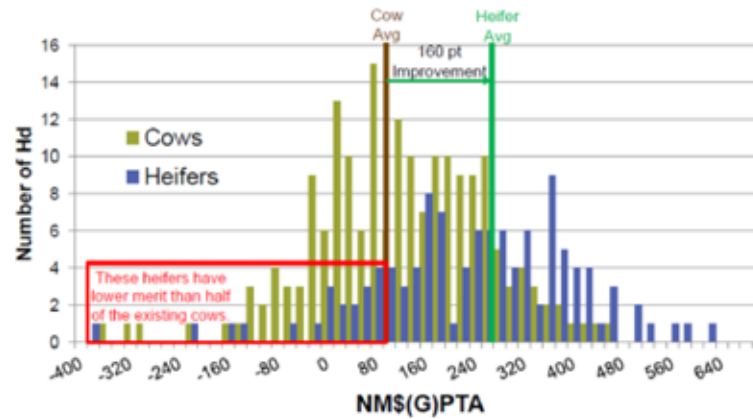


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HOW DO WE USE GENOMICS?

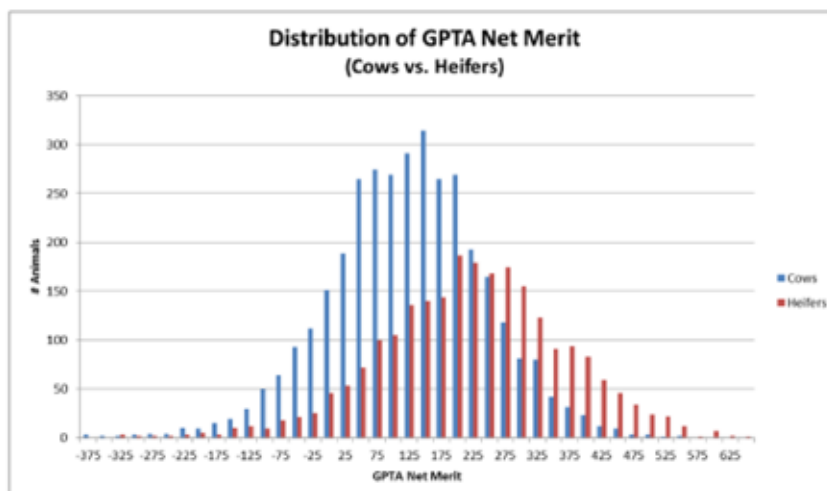
On average, heifers should have greater genetic merit than cows in traits under selection, but not all heifers are better than the cows already in the herd



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HOW DO WE USE GENOMICS?



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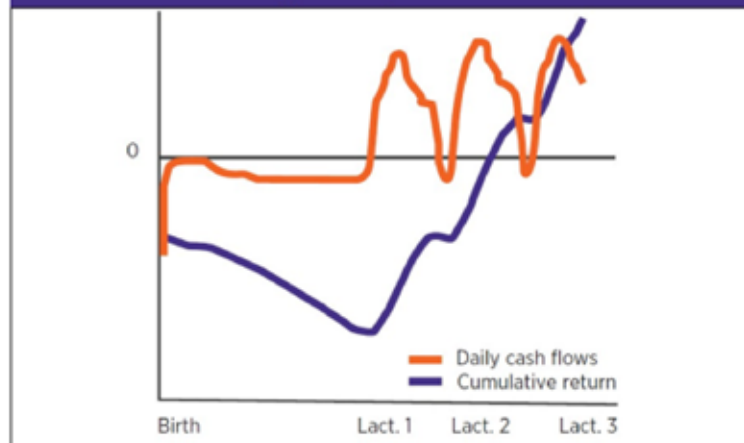
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Why do we use genomics?

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WHY DO WE USE GENOMICS?¹

Figure 1 - Graph showing the daily cash flow requirement and cumulative return of a typical dairy cow.

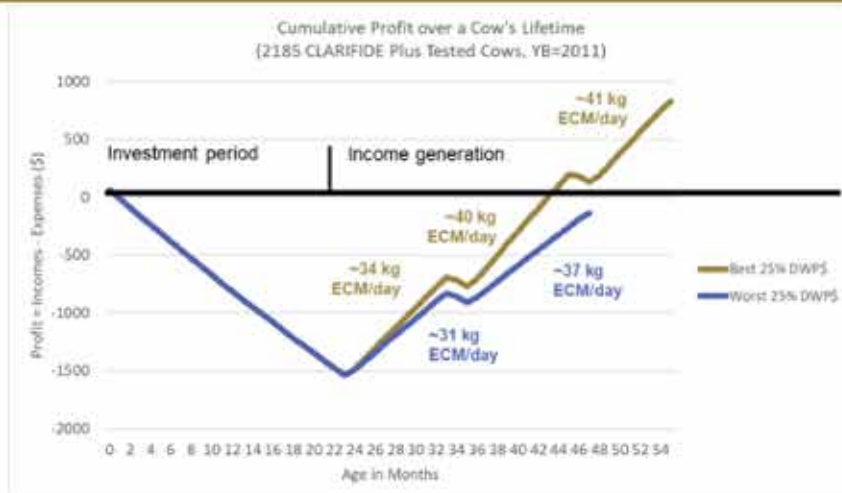


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*Adapted from Ferguson and Galligan, WCDS, 1995.

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WHY DO WE USE GENOMICS?²



Best DWP\$ group
broke even at 43
months



WHY DO WE USE GENOMICS?



Validation studies

zoetis

VALIDATION STUDY²



J. Dairy Sci. 103:10414–10428
<https://doi.org/10.3168/jds.2020-18502>

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Validation of genomic predictions for a lifetime merit selection index for the US dairy industry

Brenda Fessenden,¹ Daniel J. Weigel,² Jason Osterstock,¹ David T. Galligan,³ and Fernando Di Croce^{1*}

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²Zoetis Outcomes Research, 333 Portage Street, Kalamazoo, MI 49007

³University of Pennsylvania School of Veterinary Medicine, New Bolton Center 382 West Street Road, Kennett Square, PA 19348



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VALIDATION STUDY²

WHAT DID THEY FIND?

The validation effort demonstrated, on average, cows in the best DWP\$ group generated \$811 more profit in their lifetime than cows in the worst DWP\$ group:

- The difference in actual lifetime profit was driven by a difference in phenotypic variables that impact lifetime profit, such as lifetime milk production, lifetime days in milk, and lifetime disease incidence.
- The highest ranking DWP\$ group generated 17,810 lb (-8078 kg) more milk, stayed in the herd for 7 months longer, experienced 35% less mastitis and 42% less lameness incidence compared to the worst DWP\$ group.



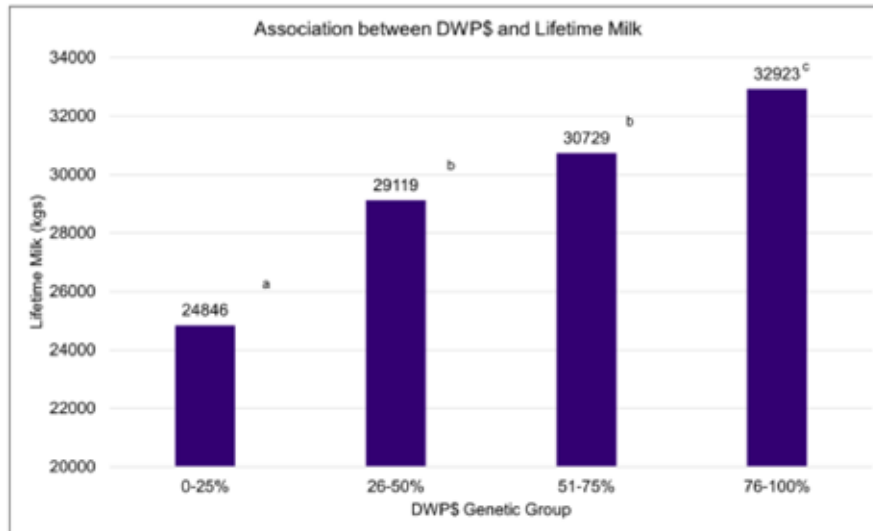
VALIDATION STUDY²

Table 1 - Association between DWP\$ observed lifetime profit and lifetime annuity value

Item	Average DWP\$	Lifetime profit
Best 25% DWP\$	430	\$978 ^a
51 - 75 % DWP\$	282	\$706 ^b
26 - 50 % DWP\$	174	\$561 ^b
Worst 25 % DWP\$	3	\$167 ^c
Difference = Best - Worst	427	\$811



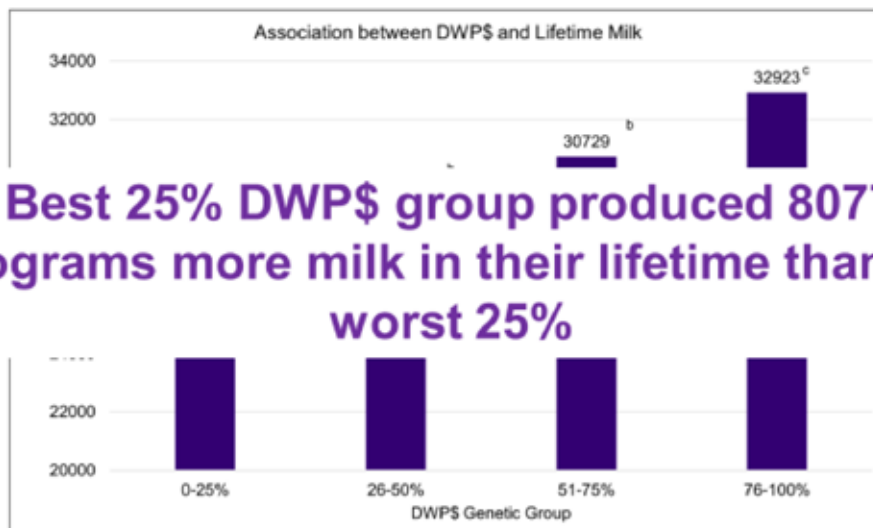
VALIDATION STUDY²



^{a-c} Marginal means with different superscripts differ ($P < 0.01$), SEM = 2444



VALIDATION STUDY²

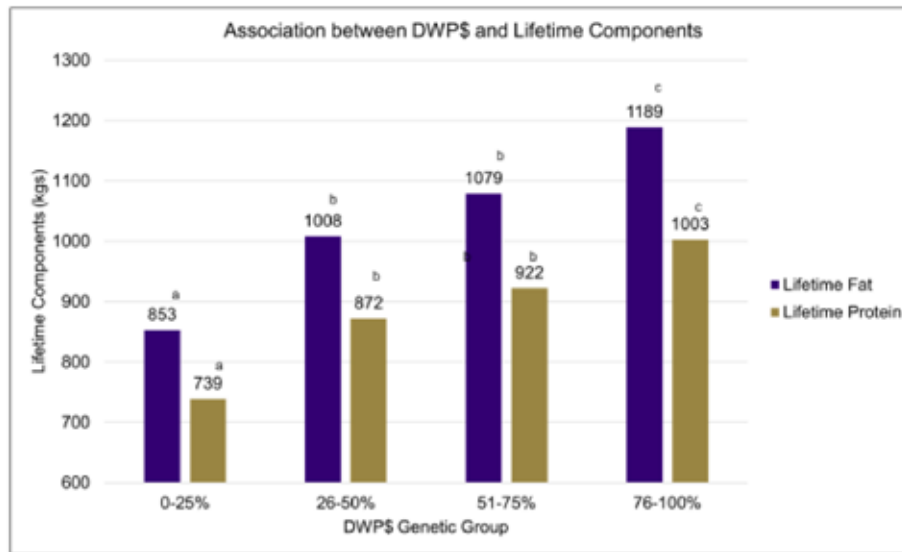


Best 25% DWP\$ group produced 8077 kilograms more milk in their lifetime than the worst 25%

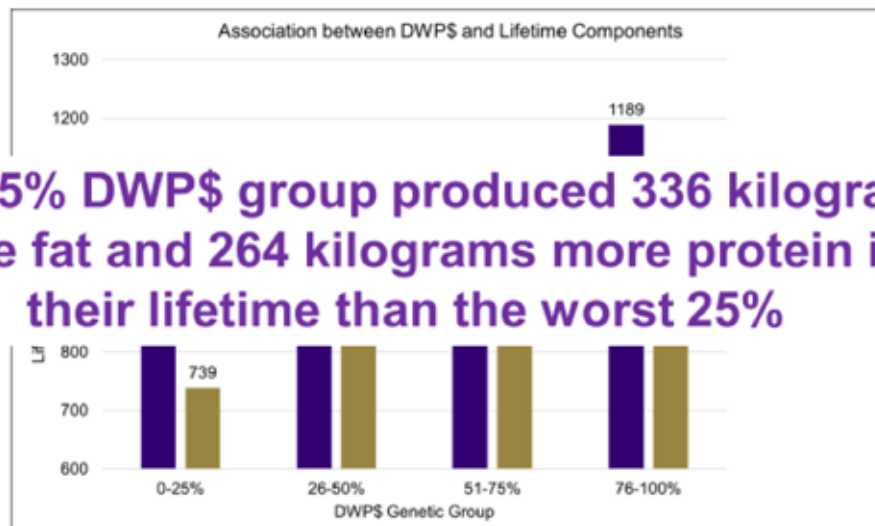
^{a-c} Marginal means with different superscripts differ ($P < 0.01$), SEM = 2444



VALIDATION STUDY²



VALIDATION STUDY²



Best 25% DWP\$ group produced 336 kilograms more fat and 264 kilograms more protein in their lifetime than the worst 25%



J. Dairy Sci. 100:9115–9124
<https://doi.org/10.3168/jds.2016-12323>

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Validation of genomic predictions for wellness traits in US Holstein cows

Anthony K. McNeel, Brenda C. Reiter, Dan Weigel, Jason Osterstock, and Fernando A. Di Croce¹
Zoetis Genetics, 333 Portage Street, Kalamazoo, MI 49007



J. Dairy Sci. 102:2319–2329
<https://doi.org/10.3168/jds.2018-15540>

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Genomic evaluation for calf wellness traits in Holstein cattle

D. Gonzalez-Peña, N. Vukasinovic,* J. J. Brooker, C. A. Przybyla, and S. K. DeNise
Zoetis Genetics, Kalamazoo, MI 49007

36 Presentation Name or Footer Copy

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South African herds' response to CLARIFIDE PLUS

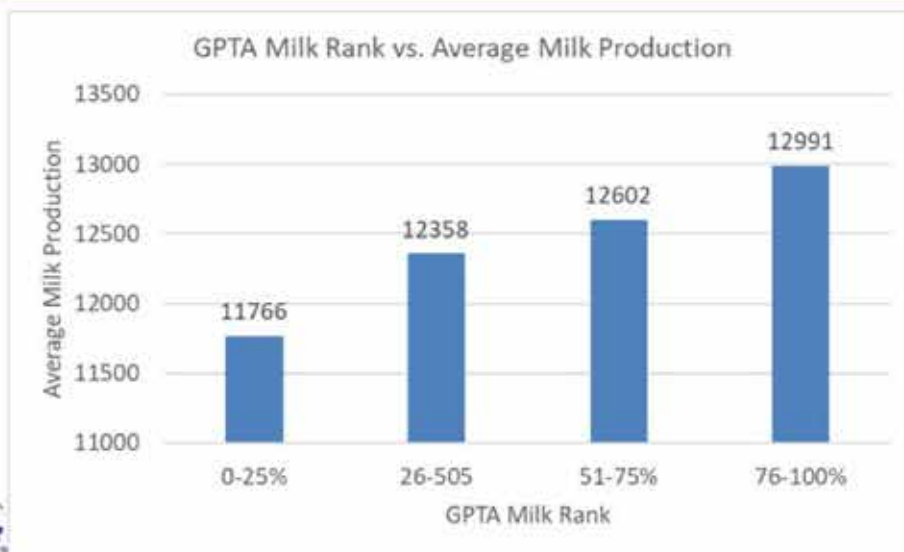
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A SOUTH AFRICAN HERD RESPONSE MILK PRODUCTION

N=500 CLARIFIDE Tested First Lactation Cows	Average Milk Production	Average GPTA Milk
76-100% (Best)	12991 kgs	1061
51-75%	12602 kgs	548
26-50%	12358 kgs	189
0-25% (Worst)	11766 kgs	-283
Difference = Top 25% - Bottom 25%	1224 kgs	



A SOUTH AFRICAN HERD RESPONSE MILK PRODUCTION

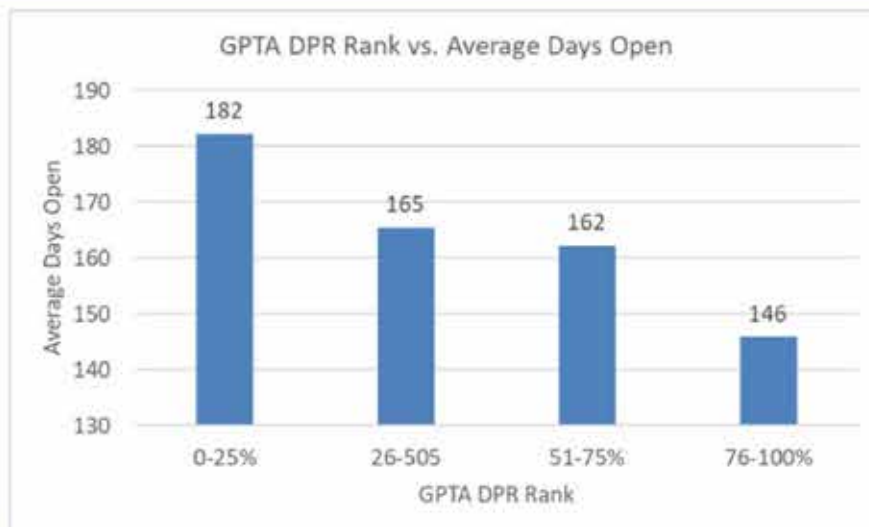


A SOUTH AFRICAN HERD RESPONSE DAYS OPEN

N=500 CLARIFIDE Tested First Lactation Cows	Average Days Open	Average GPTA DPR
76-100% (Best)	146 days	1.7
51-75%	162 days	0.6
26-50%	165 days	-0.3
0-25% (Worst)	182 days	-1.5
Difference = Top 25% - Bottom 25%	-36 days	



A SOUTH AFRICAN HERD RESPONSE DAYS OPEN

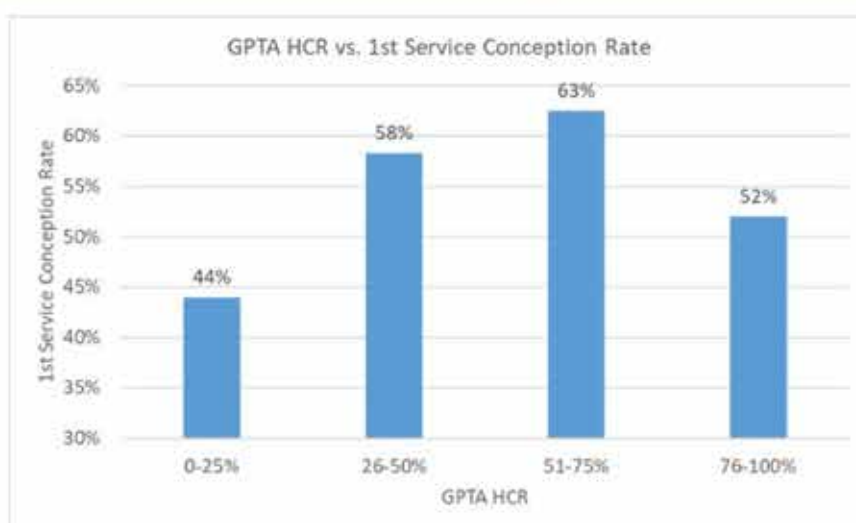


SOUTH AFRICAN HERD RESPONSE 1st Service Conception

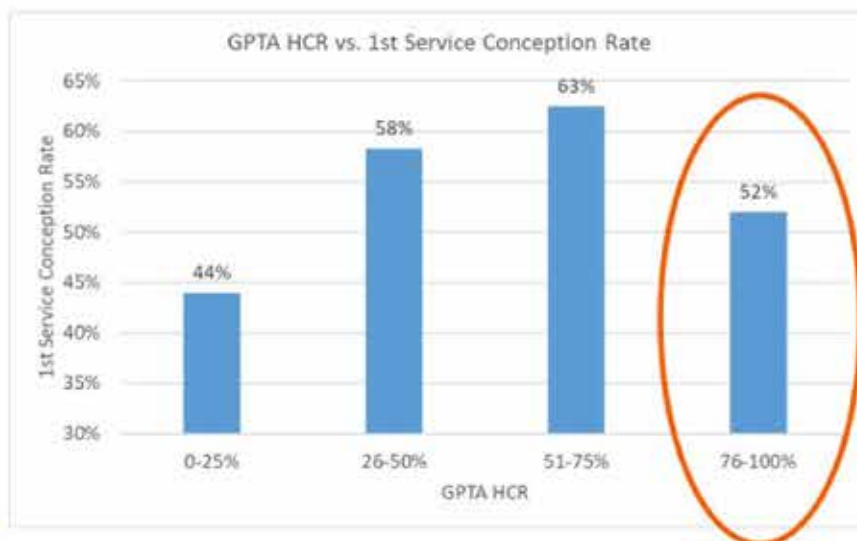
n= 98 heifers	1 st Service Conception Rate	GPTA Heifer Conception Rate
76-100%	52%	2.5
51-75%	63%	0.9
26-50%	58%	0.0
0-25%	44%	-1.3
Difference=Top 25%-Bottom 25%	8%	



SOUTH AFRICAN HERD RESPONSE 1st Service Conception



SOUTH AFRICAN HERD RESPONSE 1st Service Conception



CLARIFIDE
plus

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Getting your results

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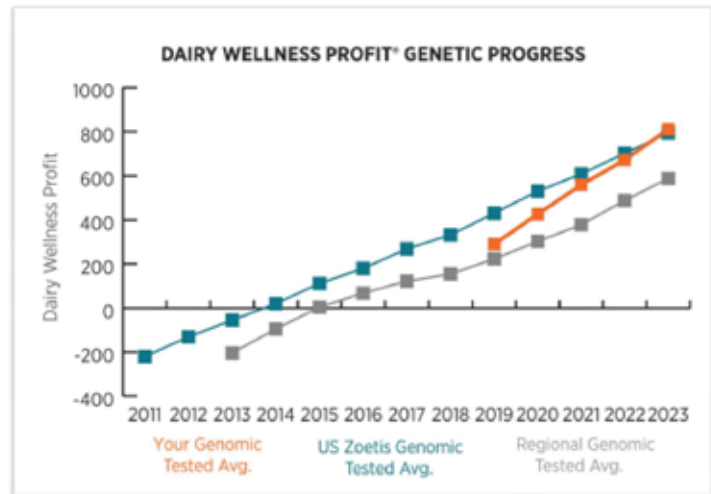
YOUR RESULTS | CLARIFIDE® Plus Insights

YOUR TESTED ANIMALS GENETIC PROGRESS
129 DWP\$* / Year

US ZOETIS TESTED ANIMALS GENETIC PROGRESS
84 DWP\$* / Year

REGIONAL TESTED ANIMALS GENETIC PROGRESS
73 DWP\$* / Year

**129
DWP\$* / Year**

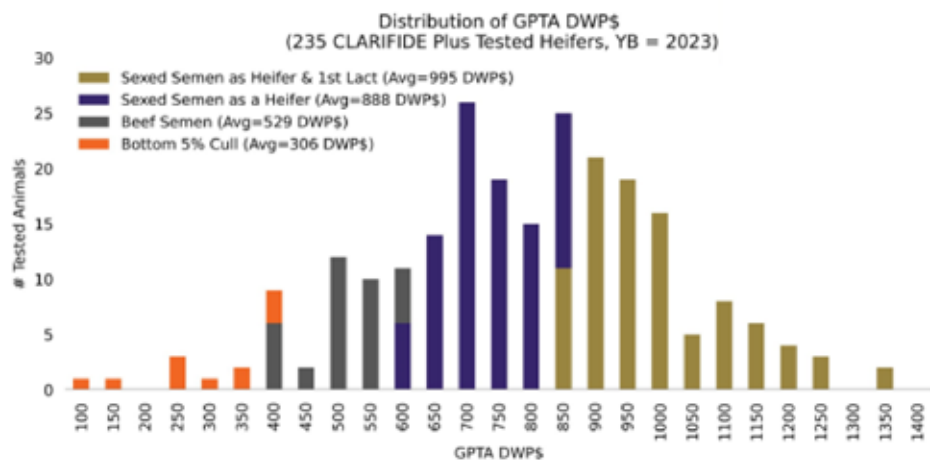


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46

YOUR RESULTS | CLARIFIDE® Plus Insights

Every herd needs to develop their own strategy based upon their heifer needs and herd goals.



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Turning data into information

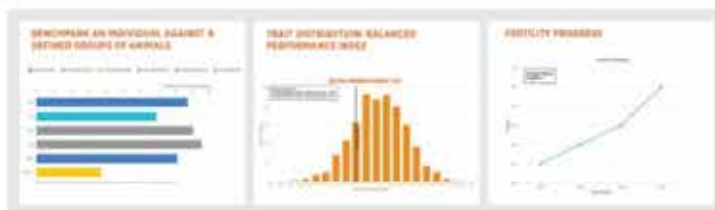


CLARIFIDE™ Plus results will be returned to you via our online genetic information management system called SearchPoint.

SearchPoint has been designed to enable you to access your data and turn it into information that drives better decisions.

SEARCHPOINT PROVIDES THE TOOLS TO:

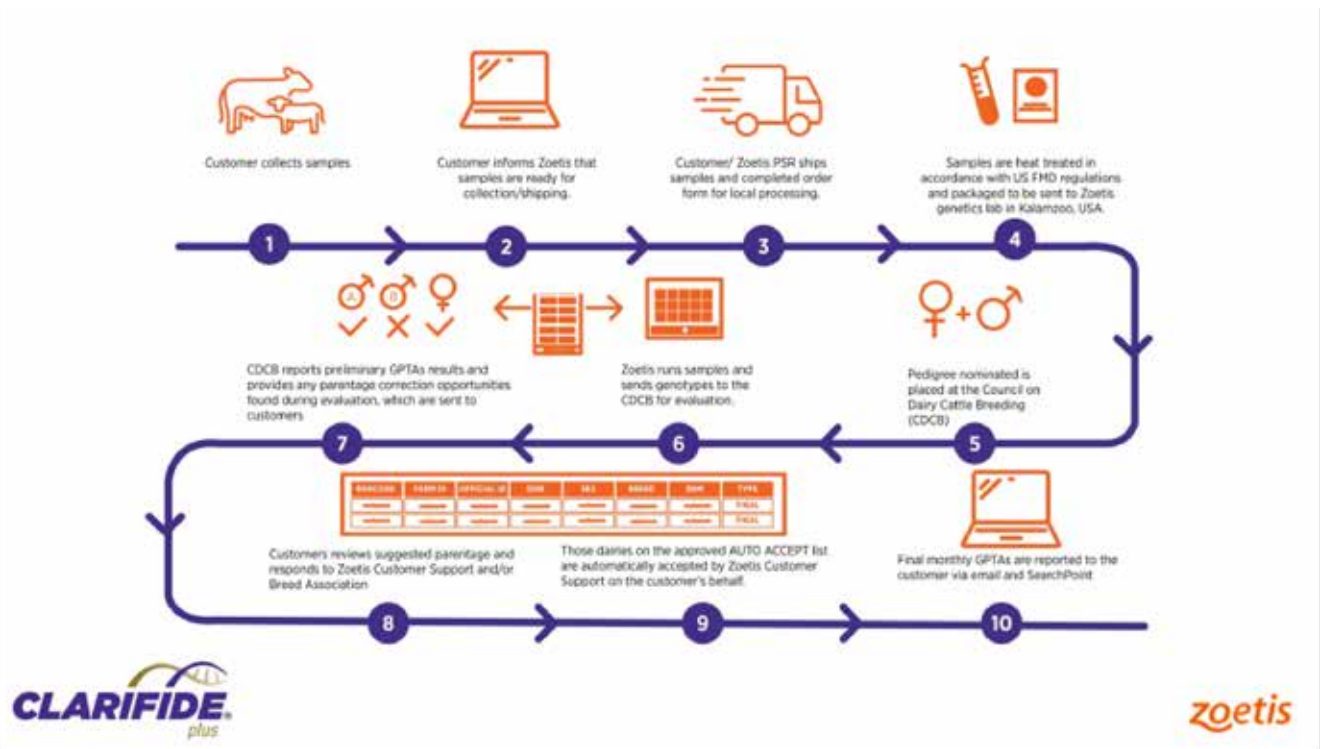
- View and sort genetic results
- Quickly access genetic testing orders online, 24/7
- Build custom reports with the most relevant herd specific information plus many more features



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Making it happen





REFERENCES

1. Ferguson JD, Galligan DT. 1995. An economic approach to reproductive programmes in dairy herds. Available at: https://wcds.ualberta.ca/wcws/wp-content/uploads/sites/57/wcws_archive/Archive/1995/wcd95041.htm. Accessed 22 February 2023.
2. Fessenden B, Weigel DJ, Osterstock J, Galligan DT and Di Croce FA. 2020. Validation of genomic predictions for a lifetime merit selection index for the US dairy industry. J. Dairy Sci. 103:10414–10428. <https://doi.org/10.3168/jds.2020-18502>.

Full product information available from Zoetis South Africa (Pty) Ltd., Co. Reg. No.: 2012/001825/07, 6th Floor, North Wing, 90 Rivonia Road, Sandton, 2196. PostNet Suite 53, Private Bag 9976, Sandton, 2146, South Africa. Tel.: +27 11 245 3300 or 0860 ZOETIS (0860 963847). www.zoetis.co.za

Ref No.: MM-24869



14. BEDANKINGS / WORD OF THANKS

Jaco bedank Dr Barry van Houten van Zoetis vir sy voorlegging.

Die vergadering verdaag.

- QUIN -

EDWARD JAMES WYNDHAM

Ted 31/10/1932-27/8/2023

ELIZABETH ANN

maiden surname Meintjies

Ted was born and died on the farm Bishops Glen just outside Bloemfontein. He spent his whole life fighting to keep the farm in the Quin name and he surely succeeded.

He was educated at Kings and Michaelhouse in Natal and then spent time farming in England and Molteno in the Eastern Cape. This is where he met his wife Bits and they were married for 62 years.

Ted then spent the rest of his life on Bishops Glen doing mixed farming. He also sat on many boards including Studbook, Taurus and the Friesland Breeders Society. He also was a cattle judge and judged all breeds of cattle all over the country. He on many occasions judged the gold cup at the Rand and Royal shows.

Ted was one of life's true characters and there was never a dull moment and I'm sure anyone who shared a whiskey with him would testify to that.

Ted unfortunately suffered from dementia the last few years of his life which was very traumatic. After his passing Bits passed away 2 months later as she was very ill. They are resting in peace together.

Ted & Bits leave behind 3 kids Sharon, Margie and Mick and 9 grandchildren.

Bits as she was known to everyone was born in Cape Town on the 25/04/1938. She studied nursing and was on the nursing staff when Chris Barnard performed the first open heart surgery ever. Her father was a banker and moved all over the country. When he was based in Cradock, Bits met Ted and they were married and lived in Molteno for a while before moving to Bloemfontein and lived on Bishops Glen for more than 60 years. Bits then spent time working for the SA Holstein Society before going back to the farm to help Ted with the books and nursing all the farm staff if needed.

For many years she ran the most wonderful Bed and Breakfast from the farm house where she treated guests to her most unbelievable cooking. Bits loved her children, grandchildren and her dogs and was the kindest person one could ever know.

After Ted passed away Bits deteriorated quickly and passed away on the 24/10/2023 just 2 months after Ted had passed.

Rest in peace together.



The Remarkable Legacy of *The Naomi Family*: A Testament to the IMPORTANCE of GOOD COW FAMILIES

In the intricate world of dairy farming, the role of exceptional cow families cannot be overstated. These families, with their lineage of high-performing and genetically superior individuals, lay the foundation for a thriving and productive herd. Below, we take you on a journey through the narrative of the Naomi cow family – a legacy that has become synonymous with excellence within the heart of our farm.

THE GENESIS:

The saga of the Naomi cow family began on the Puttergill Farm in 2014 with the acquisition of Esperance Planet Naomi 142 on the first genomic sale in South Africa. Purchased as a 1-year-old heifer in Bloemfontein from

Jacques Naude of Worcester, Naomi 142 hails from the esteemed Mtoto Naomi 35 lineage. Little did we know that this acquisition would mark the commencement of a legacy that would resonate through generations.

Now, at just over 10.5 years old, Naomi 142 is celebrating her seventh lactation, a testament to her resilience and longevity. Of the seven calves she has gifted the farm, five were females and two were bulls. Her total lifetime production surpasses an impressive 90,000 litres and having an ex 90, ex 90 classification score solidifies her status as a prolific and consistent producer.

THE PRODIGY DAUGHTERS:

The torchbearers of Naomi's legacy are none other than her accomplished daughters, each contributing significantly to the farm's success.

1. Naomi 16127:

- Sired by Monterey, Naomi 16127 has amassed a lifetime production exceeding 50,000 litres.
- With an impressive classification of ex 90, vg 89, she exemplifies the perfect blend of exceptional production and remarkable conformation.

2. Naomi 17130:

- Sired by Cotton, Naomi 17130 is currently thriving in her fourth lactation, having produced 43,000 litres in her lifetime.
- Her classification as ex 92, ex 92 is a testament to her outstanding genetic makeup and consistent performance.

THE RISING STARS:

The Naomi cow family continues to shine with its younger members, promising a bright future for Puttergill Farming.



Fltr.: Naomi 142, Naomi 17130, Naomi 16127,
Naomi 20083, Naomi 21106

1. Naomi 20083:

- Sired by House, Naomi 20083 is currently on her second lactation and illustrates the family's commitment to excellence.

2. Naomi 21106:

- Embarking on her first lactation, the Luster P daughter displays tremendous promise and heralds a new chapter in the Naomi legacy.

Not only has the Naomi family brought forth exceptional daughters, but several granddaughters are also making their mark within our herd. These rising stars are proving to be promising contributors, displaying not only the genetic strength passed down from Naomi but also showcasing remarkable production.

TRANSCENDING GENERATIONS:

What sets the Naomi cow family apart is its remarkable ability to transmit desirable traits consistently. From production prowess to exceptional conformation, each daughter of Naomi stands as a testament to the family's genetic strength.

The journey of the Naomi cow family on the Puttergill Farm is a shining example of the pivotal role good cow families play in the success of a dairy operation. As Naomi 142 continues to lead the way with her seventh lactation, the legacy she has built serves as inspiration for breeders and enthusiasts alike. The story of Naomi is a celebration of the enduring impact that a well-established cow family can have on the prosperity and sustainability of a dairy enterprise.



Naomi 21106 sired by Luster P

Gezènde Kersfees

en Voorspoedige 2024

Die Holstein Familie



2023 *Holstein* National Championships

Judge: Brain Carscadden



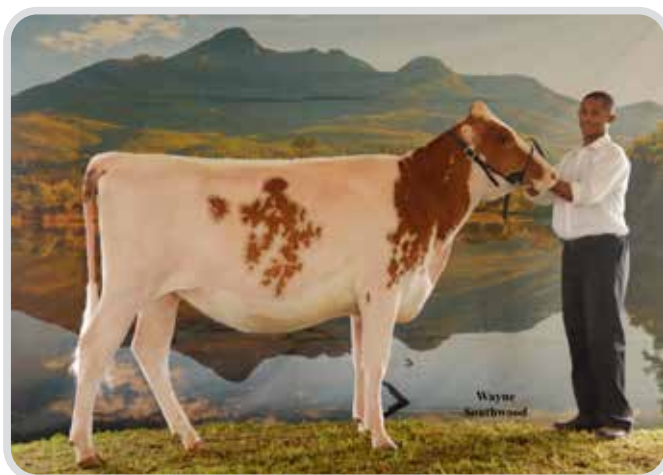
Mountain View H.I.A. Suzy 22103
Champion calf & Champion heifer
 Handler Attie Rhode
 Owned by Jannie Meyer & Seun Boerdery



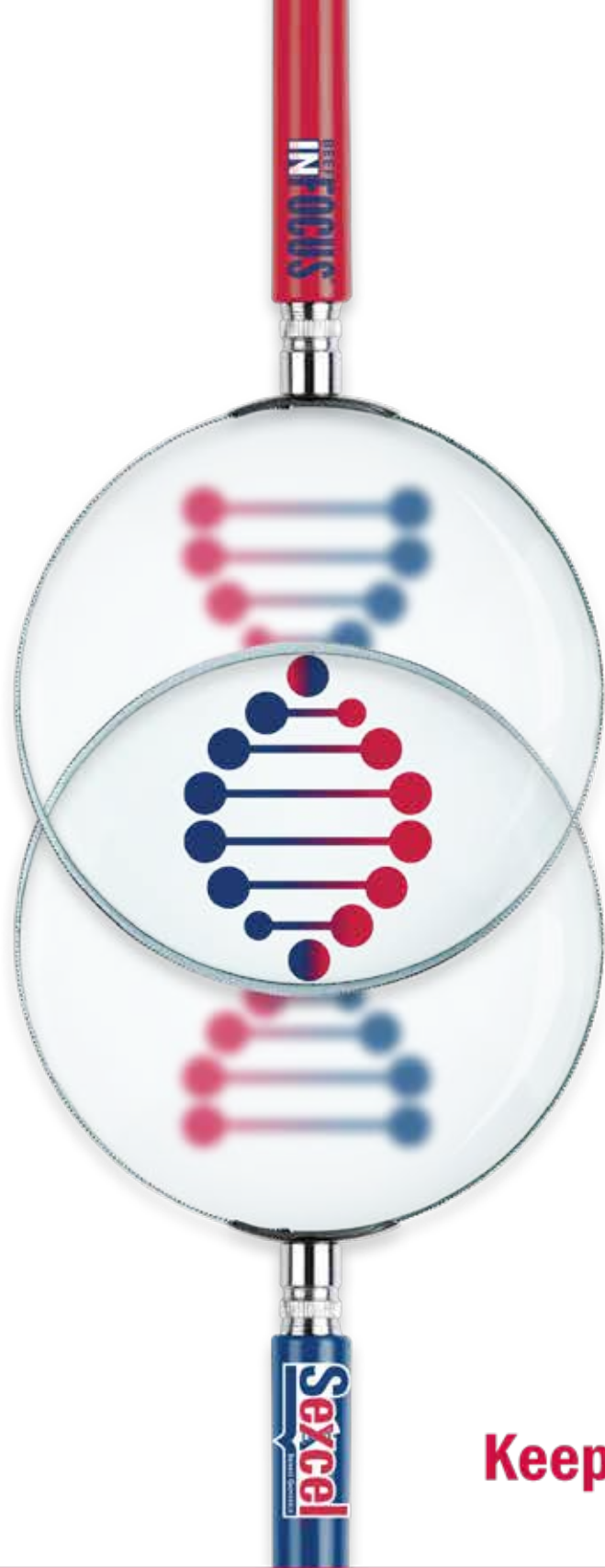
Puttergill Kendra 21102
Reserve Champ heifer
 Handler Brett Puttergill
 Owned by CS Puttergill



Puttergill Iris 2215
Reserve Champion calf
 Handler Brett Puttergill
 Owned by CS Puttergill



Puttergill Rita 220048
Champion Red heifer
 Handler Lance Coetzee
 Owned by CS Puttergill



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Profit from Genetic Progress

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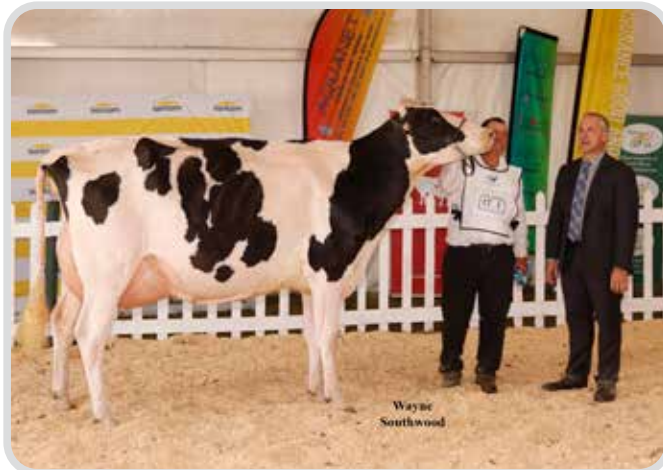


South Africa

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TECHNOLOGIES



Milagro Mandy 20011
Champ Young cow & Best udder under 4 yrs
 Handler Jenna Masterson
 Owned by Andrew Masterson Family Trust



Puttergill Mia 19045
Reserve Champion Senior cow
 Handler Brett Puttergill
 Owned by CS Puttergill



Puttergill Izzie 19204
Reserve Champ Young cow
 Handler Brett Puttergill
 Owned by CS Puttergill



Puttergill Clark Justine 13137
Champion Udder 8 yrs and over
 Handler Brett Puttergill
 Owned by CS Puttergill



Milagro Lynette 18123
Champion Senior cow & Best udder 4 yrs under 8 yrs
 Handler Jenna Masterson
 Owned by Andrew Masterson Family Trust



Puttergill Clark Justine 1313
Champion Aged cow
 Handler Brett Puttergill
 Owned by CS Puttergill



Milagro Allana 15060
Reserve Champion Aged cow
 Handler Cassius Banete
 Owned by Andrew Masterson Family Trust



Milagro Lynette 18123
Grand Champion cow & Grand Champion udder
 Handler Jenna Masterson
 Owned by Andrew Masterson Family Trust

Trophies

DEWAR Trophy

Exhibitor with most points
 Owner: CS Puttergill – Embrio Plus gift voucher R7 500.00

SAHFS Floating Trophy

National **Champion Calf (under 18 months)**
 Owner: Jannie Meyer & Seuns Boerdery
 Animal: Mountain View H.I.A Suzy 22103

Reserve Champion Calf

Owner: CS Puttergill
 Animal: Puttergill Iris 2215

Honorable Mention Champion Calf

Owner: Jannie Meyer & Seuns Boerdery
 Animal: Mountain View Arrow Suzy 2270

MALANGSKRAAL Floating Trophy

National **Champion Heifer (18 months – 30 months)**
 Owner: Jannie Meyer & Seuns Boerdery
 Animal: Mountain View H.I.A Suzy 22103

Reserve Champion Heifer

Owner: CS Puttergill
 Animal: Puttergill Kendra 21102

Honorable Mention Champion Heifer

Owner: CS Puttergill
 Animal: Puttergill Iris 22115

National Champion Red Heifer (18 months – 30 months)

Owner: CS Puttergill
 Animal: Puttergill Rita 22048

SAHFS Floating Trophy

Cow **Best Udder under 4 yrs**
 Owner: Andrew Masterson FT
 Animal: Milagro Mandy 20011

SAHFS Floating Trophy

National **Champion Young Cow**
 Owner: Andrew Masterson FT
 Animal: Milagro Mandy 20011

PUT GENOMICS TO WORK



Elevate® makes your results easy to understand. Put the information to work right away and know it's always at your fingertips with the Elevate app.

Your information includes:

- North American Proofs - Canadian LPI proofs plus US TPI proof (with CDCB fee)
- Haplotypes and milk proteins (beta casein, kappa casein)
- Immunity+® Index and Calf Immunity Index
- Methane Index available on all Holstein females

From January 2024, Elevate will use a 65K panel on all genomic tests.



11:42	Active cows	Genomic Results
GPA		
LPI		+3576
Pro\$		+2913
IMMUNITY		109
CALF		111
CLARIFIDE® Plus Wellness traits are not included in the Immunity indexes for females.		
PRODUCTION (kg)		
Milk		+1300
Fat		+100
% Fat		+0.42
Protein		+57
%Protein		+0.11
Methane Efficiency		107
Feed Efficiency		105
BMR		102
HEALTH & REPRODUCTION		
Herd Life		109
Somatic Cell Score		108
Daughter Fertility		103
Body Condition Score		101
Mastitis Resistance		105
Calving Ability		102
Daughter Calving Ability		104
Milking Speed		100
Milking Temperament		100
Lactation Persistency		99
Metabolic Disease Resistance		102
Hoof Health Index		99

Use the herd trend report online or download to follow your key traits, milk, proteins, haplotypes and Immunity.



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Reserve Champion Young Cow

Owner: CS Puttergill

Animal: Puttergill Izzie 19204

Honorable Mention Champion Young Cow

Owner: Jannie Meyer & Seuns Boerdery

Animal: Mountain View Doorman Suzy 2063

SAHFS Floating Trophy

Cow **Best Udder 4 yrs under 8 yrs**

Owner: Andrew Masterson FT

Animal: Milagro Lynette 18123

SAHFS Floating Trophy

National **Champion Senior Cow (4 yrs under 8 yrs)**

Owner: Andrew Masterson FT

Animal: Milagro Lynette 18123

Reserve Champion Senior Cow

Owner: CS Puttergill

Animal: Puttergill Mia 19045

Honorable Mention Champion Senior Cow

Owner: CS Puttergill

Animal: Puttergill Naomi 17130

FULLWOOD Trophy

Cow **Best Udder 8 yrs and over**

Owner: CS Puttergill

Animal: Puttergill Clark Justine 13137

**DA FINNEMORE Memorial Floating Trophy
Champion Aged Cow 8 yrs and over**

Owner: CS Puttergill

Animal: Puttergill Clark Justine 13137

Reserve Champion Aged Cow

Owner: Andrew Masterson FT

Animal: Milagro Allana 15060

SAHFS Floating Trophy

National **Grand Champion Udder**

Owner: Andrew Masterson FT

Animal: Milagro Lynette 18123

SAHFS Floating Trophy

National **Grand Champion Cow**

Owner: Andrew Masterson FT

Animal: Milagro Lynette 18123

SAH Floating Trophy

National **Reserve Grand Champion Cow**

Owner: CS Puttergill

Animal: Puttergill Clark Justine 13137

Honorable Mention Grand Champion Cow

Owner: Andrew Masterson FT

Animal: Milagro Mandy 20011

National Grand Champion Red Cow

Owner: CS Puttergill

Animal: Puttergill Rita 20208



Milagro

PRODUCTIVE • PROFITABLE • PERFORMANCE

Our National show that was held in August was one to remember for various reasons. The quality of the Holsteins was outstanding and the cattle really impressed the judge, Brian Carscadden. It was great to be showing dairy cattle again and the enthusiasm and camaraderie between the exhibitors of all three breeds and the spectators was special.

For the first time the Holstein, Jersey and Ayrshire breeds held their respective Nationals at the same venue. I believe that this is the future for dairy showing in SA and hopefully the trend has been set for the hosting of successful dairy shows. Enthusiasm is contagious!

We would like to thank Susan for all her arrangements and would also like to extend a special word of thanks to John and Tessa from Jersey SA for all that they did to ensure the success of the show.

The highlight of the show for Milagro was the crowning of Milagro Lynette 18123 as National grand champion. She also won the senior championship as well as grand champion udder on show.

Lynette is sired by Montross out of a Larcrest Cancun dam. Lynette 18123 is classified EX-95. She produced more than 13000kg of milk in her first lactation which

is the highest first lactation production ever recorded on Milagro farm. This production was achieved off pastures and concentrates fed in the dairy. She is a deep pedigreed cow from a high producing dam line. Her dam has a lifetime production of 76000kg and is still in the herd. Her grand dam sired by Garrison produced 92099kg during her lifetime over seven lactations. Her great grand dam, sired by Lord Lily produced 115299kg of milk in eight lactations. Her fourth dam, sired by Juror, produced 110581kg of milk over twelve lactations. This cow family is really well suited to our pasture system.

Other highlights for us were Milagro Mandy 20014 winning the young cow championship as well as winning the young cow udder class. She is sired by Sound System out of a Doorman dam. Milagro 15060, sired by Durbin was the reserve aged cow champion.

We were really proud to be showing our Holstein and Jersey cattle again.

May 2024 bring all dairy enthusiasts much prosperity and happiness!

ARROW

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x EX-90 Durham x EX-92 Charles x EX-94 Blackstar x EX-92 x EX-91 x EX-90

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Arrow's @ Anderstrup Holsteins



La Waebera Arrow Raven



Hamant-Peltre Raspberry



Molanges Arrow Erinne



Gorgala Arrow Charcoal



Arrow's @ Willsbro Holsteins

GARY JONES

(Judge Agronord '23) about ARROW Anna



"This cow is my kind, she got the perfect combination between
Dairyness and Strength. She is the modern frame cow."

Kaergaard Arrow Anna
Champion Agronord '23



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SA Holstein National Championships

August 2023 marked an awesome opportunity to return to the show ring for the first time since 2018 with the SA Holstein Nationals hosted in George. The joy of being back in the ring, surrounded by our esteemed fellow breeders, was an experience that filled our hearts with gratitude and excitement.

One of the key elements that contributed to the success of our journey was the invaluable presence of professional fitters. Their expertise and dedication played a pivotal role in preparing our cattle to international standards.

Amidst the camaraderie and the thrill of competition, our time in George was adorned with remarkable highlights:

1. Reserve Champion Calf - Puttergill Iris 22115 (Bramante)
2. Reserve Champion Heifer - Puttergill Kendra 21102 (Hotline)
3. Champion Red Heifer - Puttergill Rita 22048 (Ravel Red)
4. Reserve Champion Young Cow - Puttergill Izzie 19204 (Tattoo)
5. Reserve Champion Senior Cow - Puttergill Mia 19045 (Hodedoe)
6. Champion Udder 8 years and over - Puttergill Justine 13137 (Clark)
7. Champion Aged & Reserve Grand Champion Cow - Puttergill Justine 13137 (Clark)

Looking ahead, we extend an earnest invitation to fellow breeders to join us at the next show. It is a splendid opportunity to measure oneself and one's herd against the diverse and talented breeders from around the country. The invaluable insights gained from such gatherings foster growth and camaraderie within our Holstein community.

Our sincere appreciation goes to all those who dedicated their time and effort to plan and organize this memorable event. The success of the 2023 SA Holstein Nationals was a testament to the collective passion and commitment of everyone involved. We eagerly anticipate the next chapter in our journey and the opportunity to once again showcase our herd.

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Dr Pier RONCHIETTO, the Founder Member of Buiatrica gained his experience in the above fields working as Field Officer for the Animal & Dairy Science Research Institute which later became the Animal Improvement Institute of the Agricultural Research Council of South Africa. He retired from the Council as Chief Research Officer and Manager of the Foreign Services Division. In the latter capacity he travelled extensively, particularly in the Middle East, South East Asia and Africa. He has also a very good knowledge of South America where he lived for 12 years.

He became involved with the export of breeding stock since 1984 and the activities grew steadily until 1992, when all doors opened and the demand for South African Genetic Material increased exponentially.

Since then Beef and Dairy Cattle, Goats and Sheep were exported and/or Consulting Services were provided to many countries such as:

- Angola, Botswana, Cameroon, Comoros, Congo Brazzaville, Djibouti, DRC, Egypt, Ghana, Kenya, Libya, Malawi, Mauritania, Mauritius, Mozambique, Rwanda, Senegal, Sudan, Swaziland, Zambia and Zimbabwe.
- Iran, Iraq, Jordan, Oman, Qatar, Saudi Arabia, United Arab Emirates and Yemen.
- Bangladesh, China, Indonesia, Malaysia (Peninsular and Sarawak), Singapore and Thailand.
- Argentina, Brazil, Paraguay and Switzerland.

Buiatrica is the preferred Exporter of the SA Holstein Breed Society.

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Photo: SA Heifers in the UAE 2002