

# Holstein Journal

WINTER 2021



**Royal Sydney  
Show Report**

**Meet the  
Master Breeders**

**April ABV  
release**

LEAD INNOVATE DELIVER



# 29H018698 Jeronimo P

Superhero x Powerball P x Tango

## Top Genomic Sire & Now The #1 BPI and HWI Sire

★  
gBPI\$ 596, 52 BPI\$ points higher  
than the next best sire

★  
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tested heifers including #1 at 544 gBPI\$

★  
The first genomic sire to  
hit +400 gBPI\$ (April 2018)

★  
#1 HWI sire in Australia at 602

★  
Has remained in the top genomic lists  
every year since his release



Milking Jeronimo Daughters  
Dixie Park Holsteins – John, Helen and Matt Glennen

90



A2

G

BB



P



The high components, outstanding fertility and great health traits that the family transmits have been intensified in this sire. The fact that he is also heterozygous polled and carries the A2 gene further adds to the excitement around his genetic profile.

It was with no surprise that Jeronimo has come in at an impressive 596 BPI\$, a feat no other sire in the world has ever achieved or even been close to.



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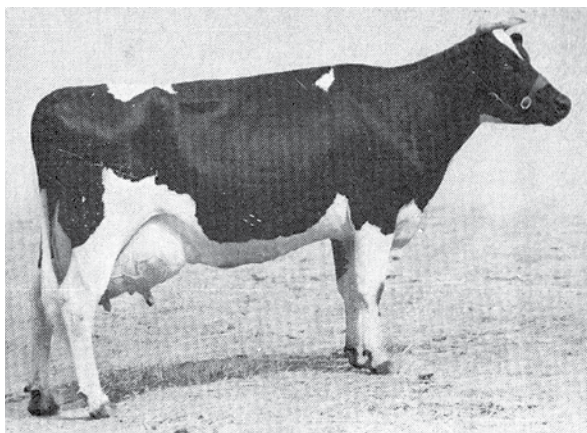




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Produced by Monks Communication on behalf of Holstein Australia  
Editor: Lee-Ann Monks  
Layout: SUBStitution Pty Ltd  
Advertising: Sarah Keens Ph: (03) 9835 7600  
Printed by Litho Art, Darra, Qld

COVER: South Australian Master Breeder Andrew Koch is a big advocate of being involved in the industry, including HA activities and forming a collective bargaining group to negotiate a better deal to supply Woolworths.  
Photo: Elizabeth Anderson, Stock Journal.



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250HO15329 OCD THUNDER STRUCK-ET  
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- +2.29 UDC
- +0.7 SEMEN CONCEPTION RATE
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- **PROVEN COW FAMILY** OF EASTSIDE LEWISDALE GOLD MISSY EX-95

**Thunder Struck**  
dam: OCD Delta  
Missy 4212-ET EX-94

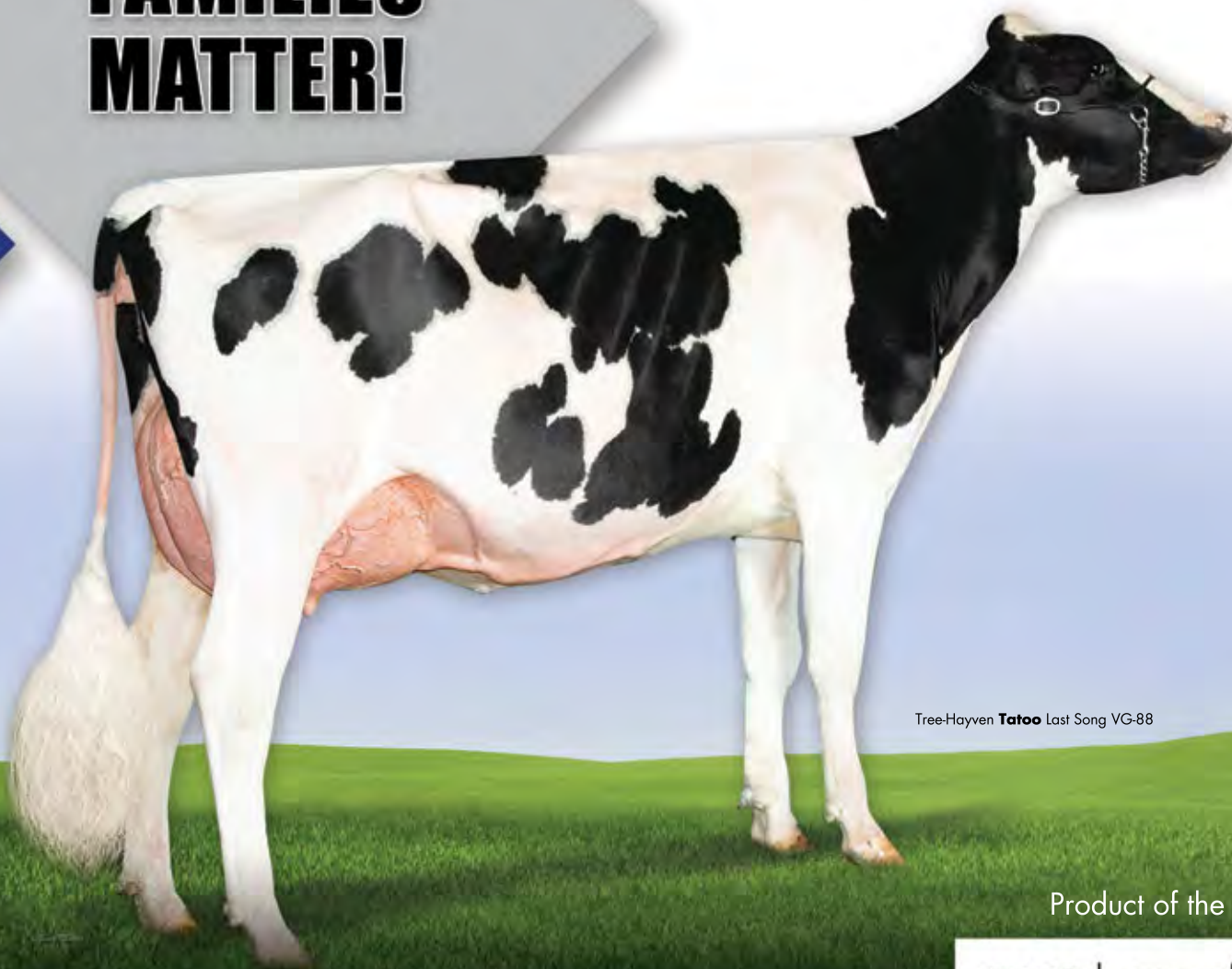
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# Pace of 2021 activities picks up

**M**uch of life has returned to normal for the Holstein community during the first half of 2021, with an increasingly busy show season up and running and youth activities in full swing.

The Sydney Royal Show took place in April, and in the same week more than 150 kids attended the Youth Cattle Handlers Camp in WA and the Queensland Educational Youth Dairy Camp.

Since the last Journal, the Victorian Winter Fair has also been confirmed, which will see the first big gathering of Holstein Australia members since IDW 2020.

### Recognising member success

To mark the occasion, and to recognise the achievements of members during 2020, we will be hosting the 'Holstein Highlights' on the middle evening of the Winter Fair at the All-Seasons Resort Hotel in Bendigo.

With our traditional awards dinner and AGM cancelled last year, the 'Holstein Highlights' will see our 2020 Master Breeders, All-Australian and Virtual Holstein Spectacular winners recognised along with the presentation of Cow of the Year.

Full details of the event are on page 26-27 or the Holstein Australia website along with the registration form.

### Herd '21

Supported by Holstein Australia, DataGene, NHIA and Dairy Australia, March saw the biennial Herd '21 herd improvement conference take place with more than 150 people attending and a significant online audience.

A number of Holstein Australia members participated in Herd '21, providing insights into the on-farm application of genomics and also examining the role of data throughout the dairy supply chain.

Of particular interest to members will have been the report presented by PhD student Beth Scott which highlighted genomics impact on the increased rate of genetic

gain in the Australian Holstein population over the last few years, but also focused on the impact of genomic selection on inbreeding.

While inbreeding is a threat, the Holstein breed is well set to meet this challenge. Within herds across Australia and around the world there is a wide range of cow families that can provide alternative genetics for other breeders to minimise the effect of inbreeding without reducing their rate of genetic improvement.

### Ways to market

Recent sales have confirmed the value of registered Holstein cattle has never been higher.

Access to quality Holsteins has also never been easier, with events of the last year seeing an increase in the hybrid of saleyard or on-farm and online format. We expect to see this trend continue.

Holstein Australia's digital listings platform, Verified Holsteins Online, provides another route to market for members. To further support members, registered male Holsteins can now be listed on Verified Holsteins for free. This will allow members to get publicity for their bull and, in turn, the highest possible return. To secure your listing contact Holstein Australia field services officer Simon Adams.

### Member survey

Thank you to the many members who took the time to complete our recent survey which will help us ensure that the services we provide continue to evolve to meet member needs.

We are currently analysing the detailed response to the survey with a report to be made available to all members over the next few weeks.

What has been particularly heartening as we work through this process is the level of detail provided by members around our core services and the future direction of the breed in Australia.

### Vale Julie Lowe

It is with a heavy heart that Holstein Australia acknowledges the sudden and unexpected passing of our colleague Julie Lowe in early May. It has shaken our community and our thoughts and wishes are with Julie's family and friends.

Julie was Member Services Officer for 27 years and was an important and valuable member of the Holstein team. She was always willing to lend a hand and, in her typically unassuming style, handled calls on her mobile phone for several months during the COVID lockdown.

In her lifetime she experienced many of life's pleasures doing the things she loved including holidaying on the beach, going to the footy, shows and concerts.

Julie was a passionate member of the North Melbourne Football Club for a great deal of her life.

In 2019, Holstein Australia celebrated Julie's 25 years of service – nearly a quarter of the time HA has existed. During her time she served under six CEOs: Gerald Boyd-Clarke, Grant Munro, Matt Shaffer, David Jupp, Graeme Gillan and Rohan Butler.

She will be missed by the entire Holstein community.



Julie Lowe.



## Faster data allows for more informed decisions

Australian dairy farmers can now make faster and more informed breeding decisions, with weekly updates to their herd's Australian Breeding Values available on DataVat. Published every Tuesday afternoon, the weekly updates incorporate a herd's latest available genomic and herd test results.

It still takes several weeks from when a tissue or hair sample is taken on farm to the updated figures being available on DataVat. This is because there are three steps to genomic analysis: taking a sample on farm and transporting it to a genomic service provider; a lab using that sample to create a map of the cow's DNA (its genotype) and DataGene running its genetic analysis using that genotype to produce Australian Breeding Values.

DataGene has halved the turnaround time – from an average of 22 days to 11 days – from when the genotype arrives from the lab to releasing the ABVs. Since January, DataGene has analysed the genotypes of Australian dairy cattle every week. Last year, this task was completed monthly and before that, it only occurred nine times a year.

Practically, this means if DataGene receives an animal's genotype just after the weekly "run", there's now only a week before the next analysis.

Shortening the turnaround time gets information back to farmers faster allowing them to make decisions based on more up-to-date figures.

# Vale Ray Blackburn

**W**estern Australia Holstein stalwart and Master Breeder, Ray Blackburn, Burnvale Holsteins passed away in April. Our condolences to Lois, Michael & Heidi, Peta and Frank and family.



A passionate breeder and ambassador for Holsteins, Ray received the Master Breeder Award in 2001 and was Honorary Federal Life Membership in 2016 in recognition of his contribution to the Association.

Since joining HA in 1984, Ray had been involved at every level of the Holstein community, as a member of the Northern WA Sub-Branch, judging at many major shows, a regular

contributor to the Harvey Autumn Fair and numerous other local activities, particularly youth events. In addition to serving as State Vice President and President, Ray was a member of the WA Judges panel for more than 30 years.

Ray represented WA at the Federal level for many years, on the Board, Classification Committee and National Advisory Council. He was Federal President for three years and represented the Association at several international events. He contributed to significant changes in the Association during his tenure, including governance restructure, the sale, purchase and relocation of the HA office and the beginning of the China heifer trade.

Although officially retired, Ray's last days were spent admiring his cattle at Elmar Holsteins in Northern Victoria, including the Lulu family which had been bred in partnership with the Hore family.

## Classification tour dates

The following classification tours are planned for 2021. We apologise for delays and rescheduling due to snap COVID restrictions that may occur.

**June:** North, North-East & North-West Victoria; South West Riverina – NSW; Western Districts

**July:** Tasmania, Gippsland, South Australia

**Late August-September:** South Coast NSW, Far South Coast NSW, Queensland, Far North NSW

**September:** Far North Qld, Manning, Hunter, New England

**October:** WA

*More information: John Crowther, [jcrowther@holstein.com.au](mailto:jcrowther@holstein.com.au) or 0428 813 058*

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Linear	-2	-1	0	1	2	
Type						2.61
Udder Comp						2.41
Feet & Legs Comp						1.80
Stature						2.17
Strength						1.18
Dairy Form						1.72
Body Depth						1.43
Rump Angle						0
Thurl Width						2.84
Legs Side View						0.33
Legs Rear View						1.55
Foot Angle						1.83
Fore Udder Att						2.83
Rear Udder Att H						2.95
Rear Udder Att W						3.57
Udder Cleft						2.30
Udder Depth						2.06
Front Teat Place						2.00
Rear Teat Place						2.23
Teat Length						0.21

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# SA Holstein Centenary celebration

**T**he celebration to mark a centenary of the SA Branch of Holstein Australia may have been held a year later than originally planned but what a tremendous event it was.

Invited guests, sponsors, past and current Holstein Australia members totalling 114 enjoyed a night of nostalgia, fellowship and rekindled many memories.

Local identities revelled in the environment and many 'tall' slightly exaggerated stories were exchanged. Much laughter prevailed.

SA, Fleurieu and Central Sub-branch President and Holstein Australia Board of Directors member Gino Pacitti was thrilled with member response to the event.

"Holsteins have played a large part in the lives of our members, many lifelong

friendships have evolved and has given them opportunity to travel worldwide through these connections," he said.

HA CEO Rohan Butler and several of the HA Board of Directors attended to present various awards during the night. These included the 2020 SA recipients of Master Breeder Award, Holstein Virtual Spectacular regional and national winners, and the All-Australian Photographic Competition placegetters.

On the night Bob Afford, Billabong Holsteins and Jack Bramley, Paravale Holsteins were announced as Joint Patrons of the SA Region.

As part of the celebrations the 'SA Centenary Challenge' on-farm competition results were awarded.

Judge Colin Daley, Ourway Holsteins,

Millaa Millaa, Qld, commented on the exceptional quality of the entries. He was impressed with the depth and strength of females entered in the 4-year-old, 5-year-old, 6-year-old and Matriarch classes.

Colin selected as his Champion Holstein female Eclipse Avalanche Delight exhibited by Robsvue Holsteins, an exceptionally correct well-balanced capacious 4-year-old.

**ABOVE:** Rohan Butler, Glenda Dohnt, Colin Dohnt, Stephen Treloar, Casey Treloar, Tahlia Walmsley, Bec Walmsley & Rob Walmsley.

**BELOW:** Rohan Butler, Rodney Herrmann, Andrew Koch, Kathy Herrmann, Gary Zweck, Michele Golder, Ros Zweck, Justin Zweck, Brydie Peddler, Trudy Fiebig, Lawrie Golder & David Fiebig.





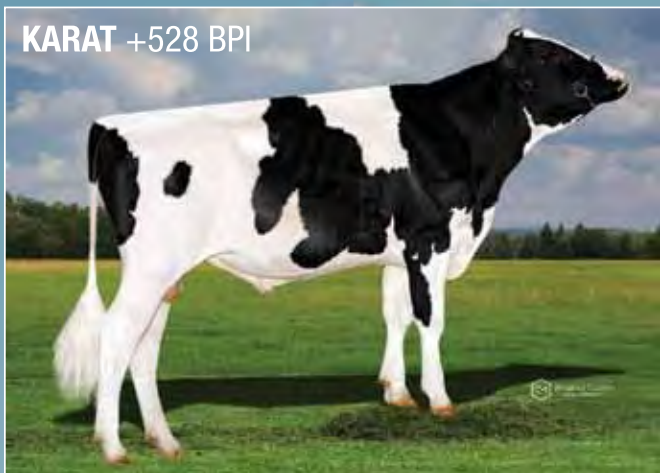
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**LEFT: Bob Afford & Jack Bramley.**

**ABOVE: SA Sub-branch President Gino Pacitti with SA Centenary Challenge Judge, Colin Daley and his son Nathan, Ourway Holsteins, Millaa Millaa, Qld.**

**RIGHT: Jenny Grey with Jack Bramley (Federal Life Member & SA Region Patron).**



Although unable to attend on the night Brian Leslie, Pooley Bridge Holsteins, Toolamba, Victoria, gave an enthralling video presentation on his involvement and association with many of the 'colourful' identities within the SA Holstein community. Brian outlined the substantial number of influential Australian cow families that have emanated from South Australian breeders.

Direct descendants from animals bred by SA studs can be found Australia-wide in the pedigrees of many current-day females and males registered in the Holstein Australia Herd Book. These studs include Clair Roy, Onkavale, Fiorendino, Goldwyn, Jervois, Glenorleigh, Plana, Athol Farm, Jaylea, Sleepy Hollow, Rockridge, Serenity Farm plus a host of others.

**HJ**

**– Mandy Pacitti (Misty Brae)**



**RIGHT (Upper): Rohan Butler, Gary Zwick, Ros Zwick, Justin Zwick & Brydie Peddler.**

**RIGHT (Lower): Stephanie Wilmot, Brett Fiebig, Gary Carpenter, David Fiebig & Trudy, Fiebig.**

**BELOW: Rohan Butler, Brett Fiebig, Andrea Henry (representing sponsor of class, Jefe Australia), Gino Pacitti, Michele Golder & Judge Colin Daley.**





# The time is now: acting on the recent rise of inbreeding in Australian dairy

**Inbreeding has long been a topic of discussion throughout Australia's dairy industry. The implications of mating related individuals has bubbled along in the background, a concern raised by breeders, herd associations and herd improvement organisations. But this chatter was mostly speculation. That all changed in February.**

It was the numbers that were the real surprise. The quantitative data, the graphs – especially – with the line tracking upwards.

There, projected onto a huge screen at a function centre in Bendigo, was the proof of the dairy industry's long-held suspicions about its animal population.

It was becoming more inbred.

"I was a little put-back by the speed of the increase," Gino Pacitti, a South Australian Holstein breeder and Holstein Australia Breed Development and Classification Conformation Chair, said.

"We've always had some level of inbreeding; a lot of semen comes from selected cow families and obviously those cow families have a history of dating back to certain parentage.

"It has always been there in the background, but with the advent of genomics and selectively breeding for specific traits, the rate of increase in inbreeding has significantly advanced."

Gino was at the Herd '21 conference at Bendigo in February when Agriculture Victoria Research genetics researcher and PhD candidate Beth Scott presented some of her early findings about inbreeding in Australian dairy cattle.

Since, the news of a recent inbreeding rise has reached the broader dairy population.

"Most are aware of inbreeding and how it comes about and the consequences, but most don't believe it is affecting them currently," Gino said. "However, as more information becomes available, it will become part of a more open forum for farmers to consider."

## Data dive

Holstein and Jersey cows and bulls have all recorded an escalation in inbreeding since the inception of genomics in 2011 (see graph).

Beth Scott told the crowd the genomic inbreeding percentage of the national Holstein herd was about 9% in 2011, but has since tracked higher and in 2016 it was just less than 11%.

The trend was similar for cows in Holstein Ginfo herds. Ginfo is an industry program which includes more than 100 commercial dairy herds with excellent animal records. These animals make-up Australia's

national reference population for genetic information and underpin the evaluation of genomic Australian Breeding Values (ABVs).

Between 2000 and 2011, the Ginfo and national Holstein herds' genomic inbreeding percentage ranged from about 6% to 9%, according to Beth's research.

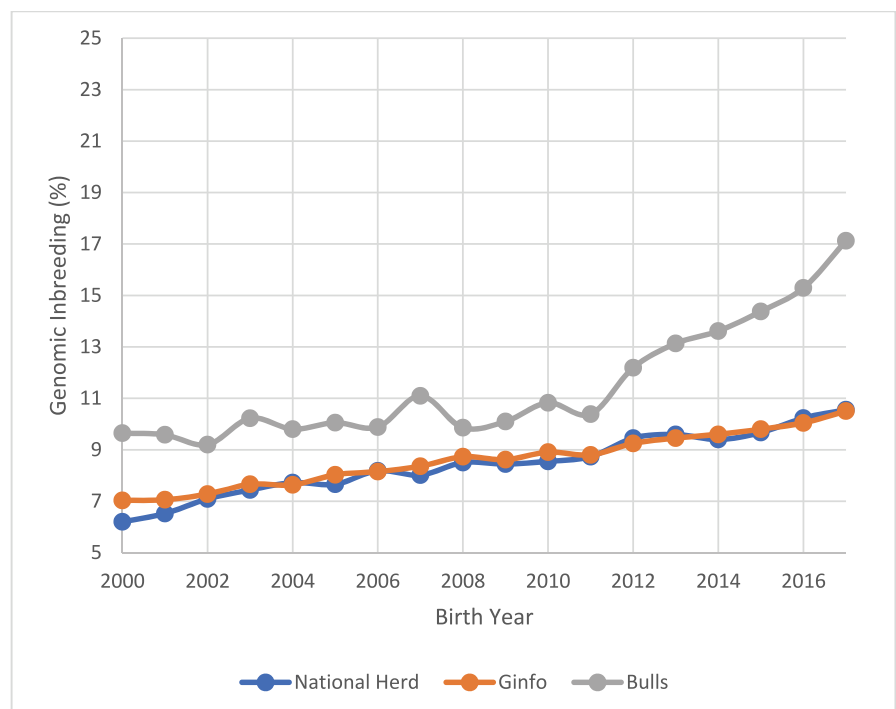
For Holstein bulls, the trend was more concerning.

"Since 2011 we are seeing a 1% inbreeding increase per year of bulls registered for AI in Australia, which is quite phenomenal," Beth said.

The level of inbreeding within Holstein bulls registered for AI in Australia escalated from about 10% in 2011 to 17% in 2016.

Jerseys had a higher level of inbreeding than their black and white counterparts, however, the current rates of increase in Jerseys are lower than what's being observed in Holsteins.

But, unlike the Holsteins, the national Jersey cow herd data didn't track closely with the Jersey Ginfo information.



Holstein cows and bulls have recorded an escalation in inbreeding since 2011.

In 2011 the Ginfo Jersey cow herd had a genomic inbreeding percentage of 17%. Four years later, this was just less than 19%. Jersey bulls were more inbred than Jersey cows, with the bull data recording a lot more “ups and downs”.

Beth attributed this movement to single bulls dominating the market. In 2016, the genomic inbreeding percentage of Jersey bulls was 21%, a rise from about 18% in 2011.

Interestingly, Jersey bull genomic inbreeding reached about 20% in 2009 – prior to the introduction of genomic technology into the Australian dairy industry – before dipping again.

### What does this mean for my profitability?

A rise in inbreeding has a negative effect on traits linked to profitability.

Beth used an example of losing protein gains because of inbreeding depression – a term used to describe the short-term impacts of inbreeding observed on-farm.

She stressed the effects of inbreeding depression were worse for traits associated with fertility and survival.

But these latter traits were hard to measure in the Australian dairy system due to (sparse) data, she said.

Calculating the protein equation was simple though.

“We know that a 1% increase in genomic inbreeding results in a 0.63 kg decrease in protein,” Beth told Herd ’21.

“If we take the Ginfo Holsteins cows that have really good data and good data on production traits ... we can see (that) over genomic selection from 2013 to 2017 we’ve been able to increase the genetic gain by 4.4 kg for the protein ABV (Australian Breeding Value), but we’ve also seen an increase of 1.15% of inbreeding. It gives us a loss of 0.72 kg. The net gain for protein under genomic selection for Ginfo Holstein cows is only 3.68 kg.”

The long-term impacts of inbreeding often aren’t accounted for in breeding selection, according to Beth. These include a decreased ability for the animals to adapt to change and a diminished response to selection.

For example, these animals may not be as responsive to the introduction of a new breeding value or trait.



Beth Scott speaking at Herd ’21

### Why did this happen?

Ironically, the same scientific developments that increased genetic gain within the Holstein breed have also been used in a way that’s also fuelled inbreeding.

Beth told the Herd ’21 conference that the good points about genomics – decreasing the livestock breeding generation interval and an improved ability to select for traits with low heritability such as fertility – were beneficial to the industry.

For example, before genomic selection was introduced to the Australian dairy industry in 2011, the rate of Holstein genetic gain was 1 Balanced Performance Index (BPI) point a year. Now it’s about 11 BPI points a year, and this helps the profitability of dairy farmers.

The rate of genetic gain for Holstein bulls “has pretty much gone off the charts” at 23 BPI units a year.

According to Beth, managing the upsides of genomics was about managing the downside – inbreeding.

***Without implementing strategies, its likely to accumulate, especially if you are selecting for just top bulls or a specific trait, a single allele.***

– Beth Scott

“The good news is genomics can be part of the solution to inbreeding,” she said after the Herd’21 conference. “Genomics can enable screening and more diverse bulls, and enables precise genetic assessment to avoid inbreeding.”

### How does Australia compare?

Following the Herd’21 conference, Beth said Australian Holstein cows have recorded a 0.3% increase in genomic inbreeding each year, “similar” to the US which has a larger dataset.

“How we differ from the US, (is that it has) implemented strategies to manage inbreeding at a national level using the Net Merit System, where the animals are penalised for being more related to the national herd,” Beth said.

She stressed solutions were needed to reverse Australia’s inbreeding rise and it was something the industry would look to address. “Without implementing strategies, its likely to accumulate, especially if you are selecting for just top bulls or a specific trait, a single allele ... whether it be polled or something like that,” Beth said.

“It’s important to use different and diverse bulls but it’s also quite a complex problem, it’s quite hard for just one person to manage it successfully.”

DataGene Chief Executive Officer Matt Shaffer said the current US inbreeding rate demonstrates what can be achieved when the industry works together to tackle an issue. Datagene is the dairy industry’s independent and industry-owned organisation driving genetic gain and herd improvement.

“The US has implemented changes in response to rising inbreeding and Australia is now seeing similar trends,” Matt said. “Beth’s project is the next step in understanding Australian inbreeding levels and looking at options.”

### Next steps

A project, for more detailed research on inbreeding, has been earmarked for inclusion in the next phase of DairyBio, due to begin at the start of July.

DairyBio is the dairy industry’s leading bioscience research program, a joint venture between Dairy Australia, Agriculture Victoria, and the Gardiner Foundation.



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\*Improving Herds Project (2018) found that “On average, the top 25% of cows (based on BPI) have a \$300/cow/year greater margin over feed and herd costs than the bottom 25%”.



Its current phase of funding and projects began in 2016 and will finish at the end of June.

Matt Shaffer said it was “early days” for this inbreeding research with industry and farmer consultation ongoing.

He said Beth’s presentation about inbreeding, and the panel discussion which followed, was included in the Herd ’21 program to start the dairy industry conversation about the important topic.

Holstein Australia Chief Executive Officer Rohan Butler said Beth’s research presented a true picture with objective data about inbreeding, and this would assist the industry to manage it.

“What’s happened since genomics, there’s been a bottleneck around a group of sires that now appear in almost all pedigrees of bulls going into AI,” he said.

“When we select the best animals genetically, we select animals with similar genetic profiles, so inbreeding is a side effect of genetic improvement. We knew genomics had sped things up, but Beth’s paper has given us actual data on what is happening.”

### Herd level management

Managing inbreeding is best done at the herd level, Rohan said.

“Registered breeders have been managing inbreeding for years using recorded pedigree information,” he said.

“But now it can be done more accurately than in the past, with genomics.

“Genomics will allow breeders to identify sires that present an actual outcross option for their herd while minimising the trade off in reduced genetic gain.

The research puts quantification around the concept, it helps measure it, Rohan said.

“In the past somebody might say they have an ‘outcross bull’ and the concept sounds nice, but it does nothing to say how much of an outcross he is. Now there’s a way to put a number on it,” he said.

Thanks to genomics, he said farmers can identify if inbreeding is a problem for them and they could address it themselves.

But, with all this talk about the need for fresh bloodlines, would breeders be prepared to trade some genetic gain to chase an outcross?

“If the trade-off can be identified and the

***“Genomics will allow breeders to identify sires that present an actual outcross option for their herd while minimising the trade off in reduced genetic gain.”***

– Rohan Butler

benefits of reducing inbreeding, then yes, for sure,” Rohan said.

“From a breed perspective genetic gain is one thing, but by maintaining a wider breed-base the more agile and dynamic the breed is.

“We need it to be quantified across all the traits of economic importance, the impact of inbreeding. If you can quantify this and put in front of people, I don’t see why you wouldn’t adjust your breeding values for this.”

### Some good news

Rohan said the value of Holstein Australia, members was that they actually use a wide-range of bulls for a wide range of purposes.

“The value of breeding in Australia is that we have a wide range of farmers using a wide range of bulls. All breeders of dairy cattle need to buy into this, including the AI companies,” he said.

ABS Australian Business Operations Manager Bruce Ronalds was part of the panel discussion at Herd’21 following Beth’s inbreeding presentation.

He was cautiously optimistic about the uptake of outcross bulls, even if they had a lower index ranking.

“In some cases there are some that won’t (use an outcross sire), some that aren’t willing to take that step as yet,” he said.

***“If you are getting more inbreeding, look for bulls that are different to what you have been using ... the outcross is there, you just have to go look for them.”***

– Trevor Parrish

“I think with the research that’s come out, I’m hoping that will actually change. I hope we can do our part to actually encourage people to use more outcross sires that may not be at levels of some of the other bulls but can be used to help benefit them.”

### Breeder decisions pending

Trevor Parrish, a Holstein breeder from Kangaroo Valley in NSW, was in the crowd at the Herd ’21 conference.

He’s prepared to use an outcross sire if it delivered other beneficial genetic traits.

“I wouldn’t want to lose something like heat tolerance, but if I could pick up something from an outcross – such as heat tolerance – that could give me more marketing options,” he said.

“Yes, you breed for production, but I think you are feeding for it as well. To me, you need to look at efficient production and maybe that’s where the outcross bulls can come in? It’s where you might be able to pick-up something (genetically) that you need.”

Genomic testing will be the key to addressing the rising inbreeding problem, according to Trevor.

“If you are worried about it, test,” he said.


“To me that’s common sense. If you are getting more inbreeding, look for bulls that are different to what you have been using ... the outcross is there, you just have to go look for them.”

From a Holstein breed development perspective, committee chair Gino Pacitti said everyone in the industry had a role to play in remedying the inbreeding issue.

“It’s a breed society problem, an on-farm problem and an industry problem, really a problem for a combination of all three,” he said.

“Our role as a breed society is to put the information out there and provide information in a relatively easy to understand format. We can’t make decisions (for members), they have to make their own decisions.

“As the industry is becoming more compact, the number of dairy farmers Australia-wide is reducing, we have got to a point where critical mass is important.

“We need to work together as an industry, regardless of breed status and alliances, for the benefit of our industry.” 





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# Jim's strong final appearance at Sydney's Royal Easter Show

BY JON HOLLAND

Following decades of success and more than a dozen Champion and Reserve Champion titles, Jim Strong and his Strongbark Holsteins have become synonymous with Sydney's Royal Easter Show. Making his final appearance at the Royal, the Master Breeder claimed the Premier Breeder and Exhibitor for 2021 along with the Intermediate, Junior and Reserve Senior Championships.

Knowing it was likely to be his last outing, Jim thought he'd "give this one a pretty decent go".

"Sydney has been a prestigious show over the years," Jim said. "We've had a lot of fun showing here."

Jim began his final campaign winning the senior yearling class with his entry Strongbark Royal Lustre, a descendant of the world renowned Ravenswell Lydia EX-92 19\*.

Holstein judge Matt Templeton of View Fort Holsteins described Lustre as a 'no holes' heifer and an easy choice for his Junior Champion.

"For me, this heifer has the most dairy quality. She has great angle to her – angle to her shoulder and angle to her rib. She also has great depth to her rear rib, depth

to her flank and a great set of legs," he said.

The Allen family's Rockstar Weeksdale Sidekick Bambi claimed the Reserve Junior title, followed by the entry of the Gavenlock and Polson partnership, Rockstar Avalanche Paige-IMP-ET as Honourable Mention.

## A great thrill

One of Jim's greatest thrills as a breeder has been watching his animals doing well for their new owners – like the winning junior 2-year-old entry of Jade Whatman, Strongbark Byway Candy.

"The Whatman girls have been a great help to me over the years. When Jade walked out of the ring, seeing the grin on her face winning that class – nothing beats it!" Jim said.

Jim was also excited by his senior 2-year-old and eventual Intermediate Champion, Strongbark MS Doorman Voltage, being a descendant of the two-time Sydney Royal Champion, Strongbark Linjet Victory EX-90-1E 21\* 2xM 1xF 2xP who he sold to fellow Master Breeder Murray Sowter. Jim has keenly followed the success of Victory and her progeny at the Murribrook herd, buying back into the family at the Murribrook 'Bred for Success III' Sale in 2017, paying \$14,000 for Voltage's dam, Murribrook Atwood Valentine VG88.

Naming Voltage as his Intermediate Champion, Matt found her to be a heifer that "put it all together".

"She's long and lean through the neck and brisket, with a beautiful angle to her shoulder," he said. "She's stronger through her loin, wider through her rump and handles her legs better than my Reserve."

Exhibited by the Allen, Weeks and Salmon partnership, the Reserve Intermediate Champion, Rockstar Weeksdale Avalanche Holiday, was a little cleaner through the thighs, and showed more breed character through her front end than the Honourable Mention and Best

## Sydney Royal Dairy Cattle Show 2021

Judge: Matt Templeton, View Fort Holsteins

**Senior Champion Holstein:** Galba DB Janette VG87, exhibited by Anthony Allen and family, Galba Holsteins, Cobargo NSW. **Reserve:** Calderwood Goldendreams Marg 2<sup>nd</sup> TW VG87, exhibited by Jim Strong, Strongbark Holsteins, Tongarra NSW; **Honourable Mention:** Tomargo Recluse Stanley Starbaby EX-91-2E, exhibited by the Chesworth Dairy Partnership, Tomargo Recluse Holsteins, Dubbo NSW.

**Intermediate Champion Holstein:** Strongbark MS Doorman Voltage, exhibited by Jim Strong, Strongbark Holsteins, Tongarra NSW. **Reserve:** Rockstar Weeksdale Avalanche Holiday-IMP-ET, exhibited by Allen, Weeks and Salmon partnership. **Honourable Mention:** Mystic Solomon Pippa, exhibited by Jade Whatman, Mystic Holsteins, Burrawang NSW

**Junior Champion Holstein:** Strongbark Royal Lustre, exhibited by Jim Strong, Strongbark Holsteins, Tongarra NSW. **Reserve:** Rockstar Weeksdale Sidekick Bambi, exhibited by Christopher Allen, Rockstar Holsteins, Cobargo NSW. **Honourable Mention:** Rockstar Avalanche Paige, exhibited by B & J Gavenlock and M & J Polson.



Master Breeder Jim Strong with his Junior Champion Strongbark Royal Lustre, led by Ben Strong, Strongbark Holsteins, Tongarra, NSW.



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ABOVE: Sydney Royal Easter Show 2021 Senior Holstein Championship line-up.



LEFT: Intermediate Champion, Strongbark MS Doorman Voltage, with Silvia Valma and Ben Strong, Strongbark Holsteins, Tongarra NSW.

Intermediate Udder, Mystic Solomon Pippa, exhibited by Jade Whatman.

### World Class Champion

It was the 'world class' udder of Galba DB Janette VG87, that earned her the Supreme Holstein Udder and Senior Champion crown. Exhibited by the Allen

family of Galba Holsteins in southern NSW, Janette is the Mr D Apple Diamondback daughter of Galba Aftershock Janette VG86.

"I have been fortunate enough to travel the world to judge and show cows- and her udder system is right up there," Matt said.

"It fits her frame beautifully – when she walks it doesn't move. It has tremendous height and width with great capacity and balance. Then you stand beside her and that fore udder blends through the body wall."

Reserve Senior Champion went to the 2019 NSW State Show Champion, Calderwood Goldendreams Marg 2<sup>nd</sup> TW VG87. This 5-year-old entry of Strongbark Holsteins was given the advantage for her fore attachment and overall width and drop to her fore rib over the Chesworth family's 2019 Sydney Royal Champion, Tomargo Recluse Stanley Starbaby EX-91-2E, named Honourable Mention.

It's been a 'long time between drinks' for Cobargo's Rocky Allen, having last won the major title with Galba Silky Alexandra EX-91-4E 1xM 1xP 1xF in 2005.

"For me growing up, Sydney was always the epitome of showing in NSW," Rocky said.

Having bred and worked with her cow family for more than 30 years, Rocky has always had Janette on his radar. She won the Youth Show Junior Champion at the 2017 NSW State Show in Nowra, and was "in form and ready to roll" for Sydney last year before the Covid pandemic forced its cancellation.

"I'm glad she's had the chance to get out this season. Her udder is as good as we've ever had on our farm," Rocky said. "She's continuing to develop in her frame, and I really think she's going to keep developing through her udder – it just keeps getting better."

Rocky has bred his champion cow to the global show leader Walnutlawn Sidekick in preparation for a Dairy Week campaign as a fourth calving 5-year-old in 2022. **HJ**



Senior Champion Holstein, Galba DB Janette VG87 led by Rocky Allen, Galba Holsteins, Cobargo NSW.



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**Brian Anderson, Bundalong Holsteins**



L - R Clydevale Contender Ishka & Clydevale Contender Prudent Photo credit Cullen Marketing

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# Renewed excitement as Holsteins return to the show ring

**A**fter nearly 12 months out of the ring, there was a renewed sense of excitement among breeders as they gathered with friends and colleagues at various events around the country to share their passion for the Holstein cow.

With COVID19 restrictions easing, established stars like the Dee family's Hullabaloo Bolton Sundae 7282-ET EX-95-3E 1xM 1xP returned to the podium to reclaim her champion title at the North West Feature Show in Cohuna. Across the border in South Australia, newcomer Glenunga Goldchip Sandmaid EX-91-1E claimed the champion title for Andrew and Angela Koch at the Mt Pleasant Autumn Fair, while Sydney's Royal Easter Show belonged to Rocky Allen's debut champion, Galba DB Janette VG87.

Back on the road with his Cullen Marketing team, professional fitter and photographer Brad Cullen has been encouraged by the enthusiasm he has seen at stud sales throughout the pandemic and says there continues to be a strong desire for promoting and selling high-end cows.

"There's still a lot of prestige and tradition in the All Australian competition," Brad says. "The photos are important if you want to advertise your cattle – and breeders still love getting good pictures of their cows."

Having recently taken on the role of managing Australia's premier dairy event, International Dairy Week, Brad hopes the



North-West Feature Champion, Hullabaloo Bolton Sundae 7282 EX-95-3E 1xM 1xP, being prepared for a photograph by Cullen Marketing.

renewed enthusiasm will help drive the future of this iconic event, and is excited about the potential for a new crop of champions after the extended break.

"Normally we get a peek at the 'contenders' during the lead-up to the major shows like Dairy Week and the Winter Fair," he says, "but we haven't had that this year, so I'm excited to see what the breeders bring out."

The renewed activity seen a strong focus on youth development, with the

East Gippsland Sub-branch and South Australian Branch each hosting very successful calf days, attracting youth competitors from right across their regions.

In Queensland, the All Breeds Dairy Youth Camp was hosted at Milanda with a broad program covering cattle assessment and show preparation, farm budgeting, first aid, public speaking – and snake handling. One of the many camp highlights was the team building exercises involving sawdust, potatoes, eggs and lead ropes.

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Winners of the WA Youth Cattle Handlers Camp 2021 – Dairy Section.

Young Holstein member Kimberly Daley from Millaa View Holsteins was awarded the Overall Student of the Camp award.

In Western Australia, there were limited places available for the WA Youth Cattle Handlers Camp (WAYCHC), with the 100 places fully

allocated within days of applications opening. The two-day event covered topics such as cattle-handling, health and nutrition, public speaking, judging and safety.

Overseeing the dairy component on the final day was ST Genetics area manager Mal Nikora. He awarded Lydi Angi of Angelis Holsteins as his Highest Dairy Achiever for 2021.

Committee member and camp mentor, Katandra Park's Lachlan Fry says "it was great to see all the enthusiasm and interest and to know the camps are still very much relevant."

"To be able to have a youth camp, given what we've gone through the last year, and to see the kids out there taking notes, learning and getting involved is something really special."

HJ

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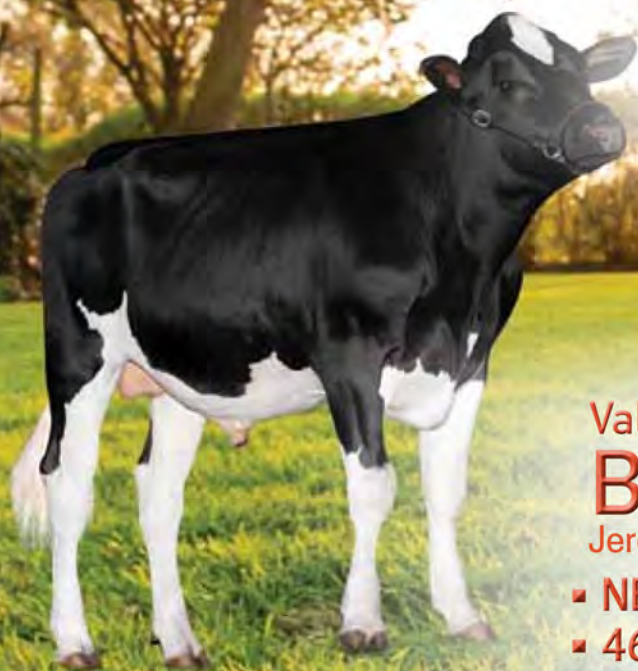


Brad Cullen preparing for All Australia photos at Cohuna Show.



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# SA All Breeds Calf & Handlers Day

BY MANDY PACITTI

*Misty Brae*

The SA Branch of Holstein Australia held its 40th Annual All Breeds Calf & Handler's Day on 23 April at Murray Bridge Showgrounds.

Originally the Calf & Handlers day was an exclusively Holstein event that rotated between four locations within SA, eventually making the Murray Bridge Showgrounds its full-time home.

In recent years it has been operating as an All-Breeds event, attracting significant entries from other breeds.

The original event, at Strathalbyn, attracted 70 entries from 33 exhibitors judged by Mr M. R. Rathjen, Glenjoy Holsteins, Springton, SA. Champion handler on the day was Stephen Afford, Billabong Holsteins, Woods Point.

Stephen Afford was on hand to present the 2021 Senior Champion Handler to William Phillpott, Junior Champion Handler was awarded to Georgia Atkins, Rosedale Jerseys, Mt Mc Intyre, SA.

Judge Declan Patten, Lightning Ridge Genetics, Victoria was greeted by 96 entries from 15 exhibitors. He commented



All Australian Holstein Youth Calf Class: 1st Windy Vale Warrior Rose – handler Tara Hutchinson.



Junior Champion Handler: Honourable Mention Golden Edge Viral Poppy – Rebecca Haebich Breeder JA & LK Haebich; Reserve Junior Champion Golderama Kingdoc Boss Girl – Handler Brie Harvey, Breeder LB and MA Golder; Senior Champion Esjay Romeo Florence – Handler Georgia Atkins, Breeder Esjay Holsteins; and Judge Declan Patten – Lightning Ridge Genetics.

on the capacity, strength and quality of heifers paraded.

The Junior Champion Heifer, Windy Vale Warrior Rose, Windy Vale Holsteins, Myponga, impressed with her deep, long body, tracking beautifully on her feet and legs. Stephen commented that this heifer would hold her own in any competition.

Esjay Holsteins, Eden Valley, exhibited the Senior Champion Heifer, Esjay Romeo Florence, a well-balanced, correct, large-framed feminine heifer.

Congratulations to the exhibitors and handlers for embracing the event after missing last year's show day due to COVID-19, a big thank you to our vast array of sponsors and helpers who supported the day to make it a success.

The SA Branch of Holstein Australia would like to thank Mr B. & Mrs M. Haebich, Athol Farm Holsteins, who have been instrumental in organising the SA Calf & Handlers day for the past 20 years. A truly remarkable effort!



Senior Champion Handler: Judge Declan Patten Lightning Ridge; Reserve Senior Champion Handler Tegan Afford; Brian Haebich; Senior Champion Handler William Phillpott; and Stephen Afford (the first Senior Champion Handler 1981).





All the exhibitors at the 40th Annual All Breeds Calf & Handler's Day.

Junior Champion Heifer: SA, Fleurieu and Central Sub-branch President – Gino Pacitti; Honourable Mention Torlea Bigtime Shimmer – Handler Bridget Leibelt; Reserve Champion Heifer Billabong Tatoo Katrina – Handler Tegan Afford; Junior Champion Heifer Windy Vale Warrior Rose – Handler Tara Hutchinson; and Judge Declan Patten – Lightning Ridge Genetics.



Senior Champion Heifer: Honourable Mention Golden Edge Viral Poppy – Rebecca Haebich Breeder JA and LK Haebich; Reserve Junior Champion Golderama Kingdoc Boss Girl – Handler Brie Harvey, Breeder LB and MA Golder; Senior Champion Esjay Romeo Florence – Handler Georgia Atkins, Breeder Esjay Holsteins; and Judge Declan Patten – Lightning Ridge Genetics.

# Holstein Highlights 2021



*a dinner in recognition of our high achievers*

## INVITATION

WEDNESDAY 30TH JUNE 2021, 6PM

**The Holstein Highlights 2021 dinner will be held at the  
All Seasons Resort & Hotel, Bendigo.**

Please join us in congratulating the award recipients  
from 2019/2020 on their outstanding achievements  
and contribution to the Holstein community.

**Bookings for dinner are now open.**

Please register at:

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\$65.00 Adults \$30.00 Children (14 years and under)

Accommodation bookings can be made at the  
All Seasons Resort & Hotel using the registration link above.

**A return shuttle bus service will be available on the night.**

The service times are:

Departure from the showground to the venue: 5.15pm & 5.45pm

Departure from the venue to the showgrounds: 10.45pm & 11.15pm

We are looking forward to a relaxing night and an opportunity  
to catch up with friends and colleagues.



# Holstein Highlights 2021



*a dinner in recognition of our high achievers*

## PROGRAM

WEDNESDAY 30TH JUNE 2021, 6PM

Holstein Highlights - Welcome drinks and canapés

Official Welcome - CEO Rohan Butler

Cow of the Year award presentation

All Australian National Photographic award presentation

Master Breeders award presentation

Special presentation

Official close of the Holstein Highlights 2021



## Sandmaid – a modern cow family

BY JON HOLLAND

**W**hat's old became new again when Glenunga Goldchip Sandmaid EX-91-1E claimed the Champion Cow title at the 57<sup>th</sup> Mt Pleasant Autumn Fair in April. Described by judge Vaughn Johnston as a "real modern type of cow", Sandmaid belongs to one of Australia's oldest cow families with her pedigree tracing back more than 100 years to Volume 1 of the Australian Holstein herdbook.

Bred by South Australia's two-time Master Breeder Andrew and Angela Koch of Glenunga Holsteins, Goldchip Sandmaid won the 6-year-old in-milk class before being named champion cow and supreme udder of show. Vaughn noted the tremendous height, width and capacity of her rear udder, and her overall balance and quality. "She was a clear winner on the day – ultra correct, well balanced and with heaps of angularity," he said. "I think she's a cow that has potential at any major show."

Vaughn remembered the Sandmaids regularly featuring at Adelaide Royal Show when he was a teenager. "They have been a consistent family for a long time," he said. "They have proven their ability to carry a lot of different bulls and modern bulls – maybe not always having that 'clinker', but consistently at the high end."

### An intriguing purchase

Andrew and Angela Koch manage 320 hectares at Moculta, about 70 km north-east of Adelaide in South Australia's Barossa Valley. Their three daughters Ashleigh, Taylah and Courtney work off farm, but still have some cows of their own and are keen to help when they can.

Founded in 1980 by Andrew's parents Dennis and Annette, Andrew and Angela have managed the Glenunga herd since 1990, milking 270 registered Holsteins, grazing annual dryland pastures, supplemented with hay and silage, grain, brewers' grain and potatoes.

"We only get around four months of productive grazing here," Andrew says. "We grow a lot of cereals and ryegrass winter crops for feed."

With the high-fibre diet, Andrew likes cows with plenty of capacity and strong rump structure. "I like balanced cows that can consume lots of feed," Andrew says. As for the rumps, Andrew believes it is about more than just reproduction. "The rump sets up room for the udder, it sets the leg structure right and it creates the balance of the cow."

Andrew attributes the longevity and consistency of the Sandmaids to their success in keeping relevant over the decades. He introduced the Sandmaids to his Glenunga herd when he purchased Belmont Baxter Sally-BR EX-90-3E STP as a 3-year-old at the major dispersal sale of prominent local Master Breeders Neil and Grace Kroehn in 2014.

Sally was not the cow Andrew initially wanted to buy, having already set his eye on a young cow from Neil's famous Paulette family. But prior to the sale, while walking through the herd with Neil, another young cow caught his eye, a second calver by Emerald-Acres SA T-Baxter.

"She was so well balanced with a great rump, and her red-brindle markings were intriguing," he said.

Andrew investigated her pedigree, finding she was a daughter of Belmont Talent Sally VG88, then Belmont Ronny Sally VG89 3\* back to the mighty Belmont Raider Sally EX-2E STP 2\*.

Andrew knew the Sandmaids were one of Neil's better families, though being a

dry cow, hoped she might go cheap. "But obviously a couple others liked her too," Andrew said, chasing her to \$5,000.

Sally wasn't purchased as a 'show cow', however she won her class two years running, as a 5-year-old and 6-year-old, at the Mt Pleasant Show. She developed into an Excellent cow with an EX-93 rump, producing a lifetime record-to-date exceeding 60,000 litres, with a top lactation of 9,781 litres, 3.0% 291 kg protein, 3.4% 334 kg fat PI 112.

Aside from her daughter Goldchip Sandmaid, Sally has produced a Woodcrest King Doc yearling daughter that is "built the right way", while her son Glenunga Reginald Sandblast has been used as a mop-up bull with his first daughters due to calve later this year. "The calves look quite impressive – very dairy and correct."

At 12-years-old, Sally is still active though currently dry in preparation for a potential flush program later in the year.

### More than 20 generations of breeding

Spanning more than 100 years and 20 generations of breeding, the foundation of this great bloodline goes back to Volume 1 of the Australian Holstein herdbook, to a cow born in 1908, Bercham Of Berry (herdbook No.90 Vol.1). Berry is the daughter of Lolkje Zuyder Zee-IMP, who, with her dam Lolkje Veiman-IMP, were imported from Holland in the late 1800s.

Four generations later in 1933 came the



Master Breeder Andrew Koch with his Champion, Glenunga Goldchip Sandmaid EX-91-1E.



ground-breaking production and pioneer brood cow, Roads End Sandra. Owned by the renowned Wattle Bank Friesian stud of Bill Smith, Sandra produced a record of 8,798 litres, 4.18% 367 kg fat in 273 days earning her the title of Victoria's Champion Herd Test Cow in 1940-41. Such was the demand for her potent genetics, her many descendants were often purposefully linebred, with Sandra appearing multiple times across many a pedigree.

Sandra's legacy continues today through many notable modern family branches, including the esteemed Sue/Shona family of two-time Master Breeder Pam Malcolm, and the record-breaking Satin family and its three-generation Australian Cow of the Year winners, Toolamba Broker Satin EX-1E 29\* 2xEP 1xM 1xF 1xP LIFE 2, Leader Rudolph Satin EX-90-2E STP 12\* 2xEP 2xM 1xF 2xP LIFE 5 and Leader Durham Satin EX-91-5E STP(Silver) 12\* 2xM 1xP LIFE 4.

Born in 1948, the brood cow Wattle Bank Sandrest 2<sup>nd</sup> 1\* was heavily line-bred with Roads End Sandra blood. She produced 12 registered progeny at the renowned Elmsdale herd of Des Vallenge, including the prominent show cow Elmsdale Sandmaid 2<sup>nd</sup> VG88.

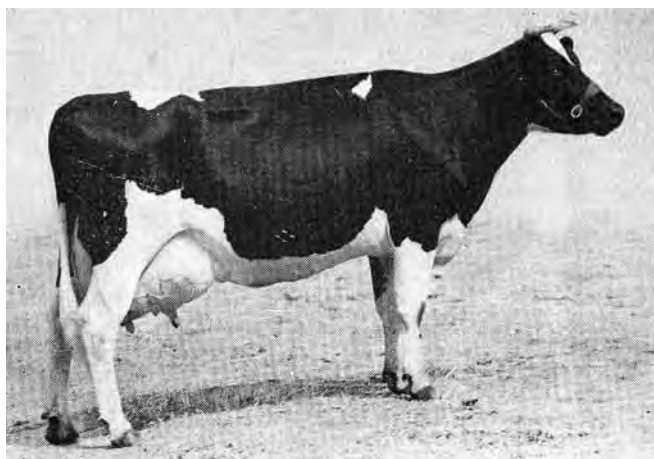
Along with countless champion titles and Royal victories throughout Victoria and SA, the Elmsdale cows were also noted for their milking ability – in particular Sandmaid 2<sup>nd</sup> who, in the 1960s, completed a 300day record of 9,500 litres and 366 kg fat. Des's brother, the notable Holstein breeder and long-term industry contributor Brian Vallenge was often quoted as saying Sandmaid 2<sup>nd</sup> was "the best cow he ever milked".

Sandmaid 2<sup>nd</sup> does not appear directly on the maternal pedigree line of the current champion Goldchip Sandmaid, but she makes multiple appearances on the paternal line via the line-breeding of her son, the 1962 Reserve Champion Melbourne Royal Bull, Elmsdale Sandmaid Paul.

### Going back for more

Before their dispersal, Neil and Grace ran their Belmont Holsteins herd at Springton in the Eden Valley, milking 150 cows, 20 km south of the Glenunga farm at Moculta.

Neil has worked with the Sandmaids since his parents Ron and Dorothy first introduced the famous bloodline to their Ronallama herd in the early 1970s with



**Elmsdale Sandmaid**  
2nd VG88, bred by Des  
Vallenge, Elmsdale  
Holsteins

the purchase of Elmsdale Sandmaid 27<sup>th</sup> VG85 7\*. Elmsdale had hosted regular sales during this period, and a local livestock agent took Neil's father Ron to one of the sales where he initially selected four cows. "They did really well, so he went back again and again," Neil says.

A remarkable production cow, Sandmaid 27<sup>th</sup> produced a lifetime record exceeding

71,000 litres, and despite being born in 1971, still boasts an April 2021 Health Weighted Index (HWI) of +53. Her top production daughter, Ronallama Peta Sandmaid VG85 was the first Sandmaid to make the move to the Glenunga herd when she was purchased by Andrew's father Dennis. While Peta Sandmaid was unable to establish a lasting maternal line, her Shore Stylist son, Glenunga Shore Majestic-EX, became a Champion show bull, and had a lasting influence on the Glenunga herd through his daughter, Glenunga Majestic Madeline EX-1E STP 2\*. However, it would take more than 25 years before the Sandmaid maternal line would return to the Glenunga farm when Andrew purchased Baxter Sally at the Belmont dispersal.

The Kroehns produced a number of high-profile individuals during their time, including the 2003 Holstein Australia Cow of the Year, Belmont Starbuck Tricia STP 20\* LIFE 4. Belmont Vale Paulette EX-6E STP 8\* 2xM LIFE 5 was Supreme Champion Cow at Adelaide Royal in 1998, and can also attribute her origins to the great Elmsdale herd. Come sale day however, it was the Sandmaids the buyers were after, fetching top price at both Belmont dispersals. "The Sandmaids were good uddered cows that were slow to mature. They made great cows – you just needed to give them time to do it," Neil said.

At their first major dispersal in 2014, the stylish milking 2-year-old Belmont Windbrook Sandmaid VG89 topped the sale at \$7,800, selling to North West Victorian Master Breeders Rus and Ruth Robins, Kayton Holsteins. She was a daughter of the reigning South Australian On-Farm Challenge Champion and acclaimed show cow Belmont Skyfame Sandmaid VG89.

### Sandman family tree



# Australian Holstein Cow Family



**Belmont Skyfame Sandmaid VG89 – SA State OFC Mature Cow 2013, bred by Neil and Grace Kroehn, Belmont Holsteins.**



**Belmont Mattador Sandmaid EX-4E STP 4\* – Champion Cow Pt Elliot Show 1995**

“The Skyfame cow was a very easy cow to work with,” Neil said, noting the consistent temperament of his Sandmaids. “They were always easy to break in. Even as milkers they were easy cows and good to show. You just put a halter on them and lead them.”

Skyfame Sandmaid was a daughter of the 2001 Pt Elliot Reserve Intermediate Champion, Belmont Leader Sandmaid VG89 STP 2\*, with the next dam being the 1995 Pt Elliot Senior Champion, Belmont Mattador Sandmaid EX-4E STP 4\*. As a third consecutive generation to exceed 8 lactations or more, Mattador Sandmaid completed a lifetime total of 74,893 litres.

The Sandmaids were on top again in 2016 at Neil’s final stage dispersal when the Jones family of Cypress Grove Holsteins in Gippsland paid \$14,000 for the Regancrest Reginald yearling, Belmont Reginald Sally VG85. Another prominent Sandmaid to sell was Belmont Atwood Sandra VG86. Backed by a VG89 Ladino Park Talent to Belmont Backa Sandra EX-4E 2\*, Atwood

Sandra was purchased for \$4,750 by young local member, Courtney Afford.

Atwood Sandra won the local OFC 3-year-old class and has produced four heifers for



**Supreme Udder, Mt Pleasant Autumn Fair – Glenunga Goldchip Sandmaid EX-91-1E.**

Courtney from four doses of sexed semen. Hollow Brook Solomon Sandy won her class at Adelaide Royal as a juvenile and is pregnant to King Doc to calve ready for Adelaide 2021. Hollow Brook Doorman Sandy is freshly calved and was a feature member of Courtney’s team for the SA State Centenary Challenge in May.

## A winning pair

Goldchip Sandmaid has been a prominent member of the Glenunga show team for the past few years, and in 2019 was placed first in the 4-year-old class in the Fleurieu-Central SA On-Farm Challenge. Her incredible udder quality has been recognised by her EX-93 mammary score, yet Andrew says “she is not a cow you tend to notice in the paddock – until she comes into the dairy with her rear udder full of milk.”

He says that despite her being a very placid cow, she has an aggressive appetite and is always in the first run of the dairy at milking and an easy cow to work with.

Her daughter, Glenunga Solomon Sandy VG86, is now an 8<sup>th</sup> generation VG or EX, scoring VG on her first lactation. Winning junior 3-year-old class, she also stood beside her dam to win the Progeny Pair class at the 2021 Mt Pleasant Fair.

Andrew has been in discussions with local breeder and cattle fitter Rob Walmsley about the potential of Goldchip Sandmaid competing at the NHD Victorian Winter Fair in July, along with Adelaide Royal in September. “It would be nice to get her in calf again for the Mt Pleasant show next year,” he says, “otherwise even sneak a flush in and calve her for Adelaide 2022.” **HJ**



**Champion Cow, Mt Pleasant Autumn Fair – Glenunga Goldchip Sandmaid EX-91-1E.**



*You're Invited...*



her A2A2 daughter sells  
Holloddon Brawler Laura 2481 VG86



her daughter sells  
Holloddon Baxter Laura 2217 EX-90-2E 1xP

# HOLLODDON HOLSTEINS

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her RW/PC daughter sells -  
Holloddon Ladd Charcole 2451  
RED-PO VG86

her RC daughter sells -  
Holloddon Tableau Charcole 2245  
EX-92-2E 2\*

her daughter sells -  
Holloddon Goldmine Laura 2374  
VG88



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# Recipe for success in Carenda herd

**R**ay Kitchen's Carenda Holstein herd has a record seven bulls in Genetics Australia's 2021 team, and he's not done yet.

"This is the highest number we've had and we want to keep contributing," Ray said. "Only the top male genetics get into the breeding centres. They're selecting the best from around the world so it's pleasing to be in there."

In DataGene's April ABV release the Carenda herd at Boyanup in Western Australia ranked #3 for Balanced Performance Index (BPI) and #3 for Health Weighted index (HWI).

Carenda's seven bulls in the 2021 team are led by the highest BPIg ranked Holstein in SONDALO (Jeronimo x Main Event), who descends from a long line of highly classified cows with three of the last four generations scoring excellent.

At 531 BPIg, SONDALO ranks as the highest Australian-breed bull, and sixth overall. His 567 HWI, 106 Mammary, 109 Mastitis Resistance, 114 Daughter Fertility, – 5 Gestation Length and 103 Calving Ease ABVs makes him the all-round package.

"To be highly ranked on the BPI, they've got to be good in all areas; whether it be production, confirmation or health traits," Ray said.

Carenda has ranked in the top six for several years. "We have more than 400 milking cows on the farm so it's pleasing for a relatively large herd to be so high in the rankings.

"We're gradually making improvements to a whole range of traits, by using better bulls all the time and quality genetics are being introduced."

## Polled genetics

SONDALO's full brother TIRANO-P was the 6<sup>th</sup> ranked Australian bull in the April ABVs, making him one of the highest-ranking polled bulls in the breed. He is also strong for overall type (106) and mammary (110). Although COVID lockdowns stopped on-farm competitions over the past year, SONDALO and TIRANO's mother Carenda Main Event Vanda EX 90-1E recently won her breed age group in an Australia-wide video-based competition.

AMALFI is a bull from a different Main Event cow at Carenda; he remains popular for adding dairy strength to his daughters. Another interesting bull is PEMBERTON (BPI457). We used him ourselves and had a bull calf, VARLEY, with BPI 482, that's about to go to Genetics Australia. We have high hopes for him," Ray said.

"It's quite pleasing to get a bull into the breeding centre that has been sired by one of our own bulls.

At 472 BPI, FRANKLAND is Carenda's other high-ranked team member. He's from the Faith family, introduced from the US about 30 years ago through embryos.

That family is second only to the 'V' cows that have been breeding on the farm since the early 1960s.

While Carenda's other bulls in the GA team are young genomic bulls, SOUTHPOLE is a daughter-proven bull.

"SOUTHPOLE goes back to Conant-Acres Sweet family we've had here for more than 25 years after we bought embryos out of the US in the early 1990s out of an 88-point BLACKSTAR and her Excellent dam was the full sister to the popular bull BROKER," Ray said.

He's the first proven polled sire based in Australia. "There hasn't been a lot of polled genetics in the breeding system but we're getting more all the time.

"We are breeding for good confirmation cattle but they're also productive and making improvements to health traits. They're doing really well in that department," Ray said.

The Kitchen family has been dairy farming in the area since the 1950s, although family connections to the region go back another century.

*"We are breeding for good confirmation cattle but they're also productive and making improvements to health traits."*

*– Ray Kitchen*





# Genomics and breeding underpin Western Victoria dairy business

Sam Simpson's dairy breeding philosophy has always been simple – increase the components in the vat and make sure each cow stays in the herd long enough to deliver the business a return on its investment.

After all, she said, these were the profit drivers of a commercial dairy farm.

Now, thanks to genomic testing, breeding delivers much more value.

"We are seeing a lot more information and are able to breed an animal that is better at putting milk into the vat with high components with less effort on our part," she said.

"For example, we might not have to work as hard with that animal, if she is a fantastic feed converter. Maybe we don't have to run as many cows to put the same amount of milk in the vat and then we don't have to feed more mouths and that's going to have an impact on our feed costs.

*"We are getting a better herd genetically, but we are also improving our overall business because we will no longer just be a monoculture tied to milk, we can spread out our risk. That's all to do with genomically testing our cows."*

– Sam Simpson, Craiglands Holsteins

Genomics isn't fundamentally changing what we are doing, but it is giving us a lot more information about the animals that we are breeding and that may have flow-on affects in other areas of the business."

Sam and her husband, Mark Billing, milk 430 cows (Craiglands Holsteins)

at Larpent, near Colac in Victoria. They started genomic testing in 2015 as part of DataGene's Improving Herds project. Now they use genomic results to select the calves they want to retain as replacements and which heifers and cows they want to join to sexed, conventional or beef semen.

For the maiden heifers, genomic information plays a big role in breeding decisions. Sam uses the DataVat web portal to rank heifers based on their genomic result for Balanced Performance Index (BPI).

"This information gives us the confidence to be able to make those decisions about who gets what semen," she said.

For Sam, this practice was not only improving their herd's genetics, but it was also financial management.

"I'm able to be a lot more in control of where our money is being spent, because at the end of the day, that's what it comes down too," Sam said. "Buying semen and buying sexed semen is a costly adventure when you have 400 plus cows. You want to make sure you are using it in the best way possible."

## Mating decisions made easy

Genomic data has been Sam and Mark's "mating starting point" but isn't the only information used to guide decisions.

"We've been a reasonably data-driven business for a long time, doing herd testing for many, many years and on a regular basis so we have got very good records of the herd's health status and parentage anyway," Sam said. "The genomics part of it is just another layer."

Sam and Mark now have more information than ever when it comes to managing their Holstein herd.

"I sit down before every joining season and work out who's who and where they rank and what bulls there are and how they are going to match up; that takes time," Sam said. "But I think, from the investment of time that I am putting in, I'm going to get a good return out of it. I'm seeing that in my figures so far. Once you get into it, it



Sam Simpson says genomics isn't fundamentally changing what they are doing, but it is giving them a lot more information about the animals they are breeding that may have flow-on effects in other areas of the business.



Genomic results are used to select which calves to retain as replacements and which heifers and cows to join to sexed, conventional or beef semen.

becomes easier and quicker because you know what you are trying to achieve, and you know where your cut off mark is going to be (for BPI). Then from there, you are able to possibly ignore a whole cohort of animals because they are all going to get beef."

Looking ahead, Sam anticipates gaining time and cutting costs due to making more informed decisions with genomics.

"I'm not using 50 bulls over 50 cows, but I'm in a position where I can pretty much tailor what bull is going over what cow and I know why. I know that the bull is going over that cow because of components, because of litres, mastitis resistance, feed saved or whatever else it is that I want to measure. I know that's why I'm using that bull over the cow, so I get a calf that is going to project those traits going forward. In the past, I didn't know that. I'd use a bull because someone told me it was a good bull."

These days Sam's breeding decisions are more informed, drawing upon the *Good Bulls Guide*, herd improvement information and discussions with industry representatives.

### Simple sampling

Taking hair samples from calves was the first way Sam and Mark started genotyping, but in recent years they have changed to taking ear notches from calves.

"With the tail hair, we found there was too

much margin for error for us," Sam said.

"The tail hairs would be too long and there would be some sort of contaminant on the sample and the chance they were DNA testing bacteria or grass was just as high as the chance they were testing the hair sample. We had a number of tests where we had to resample animals. But the ear notching is almost foolproof.

"If you can put an ear tag in an animal, you can take a good, clean DNA sample."

The ear notching occurs when the calves are disbudded under anaesthetic. The hole where the DNA sample was taken is then

used for the animal's national livestock identification system (NLIS) tag.

Sam and Mark have even genotyped their natural service bulls.

"We don't lose that genetic information and because we are registering, we don't want to go backwards in the appendix status," Sam said.

"Genomic testing bulls, we know exactly who's covering who. For the bulls we use on heifers, genomic testing gives us calving ease and gestation length information."

### Future focus

The rise of data within the industry is delivering additional income and diversity to Sam and Mark's business thanks to their increase in dairy-beef production from the bottom of their herd.

"We've got milk as the primary source of income, that's not going to change," Sam said. "But for the cow's where we don't want their genetics, and it was costing us money and time, we can put beef (semen) into them and take advantage of the really good beef market now."

"We are getting a better herd genetically, but we are also improving our overall business because we will no longer just be a monoculture tied to milk, we can spread out our risk. That's all to do with genomically testing our cows."

HJ



Sam Simpson and Mark Billing take ear notches from calves while they are under anaesthetic for disbudding. The ear notch tissue is sent away for DNA testing.





# Avonlea Celebration Sale



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2YRS  
Unlimited Potential  
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Avonlea Val *Mistress* VG86  
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Exciting Jr 3 for IDW 2022  
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Avonlea Lady *Alana* VG85  
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Doorman X EX93 Sanchez  
X EX96 Goldwyn Alana



Avonlea Minister *Sally* GP83  
PTIC to Sidekick  
4 Yr Old for IDW 2022



Avonlea Brady *Allie* VG87  
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# Donava Holsteins

## Zweck family, Donava Holsteins

Blyth, SA

### Second time Master Breeder Award

South Australian member, Gary Zweck of Donava Holsteins has spent 44 years in the dairy industry and has followed in his parent's footsteps by winning a second Master Breeder title. The first award went to his parents Don and Elva Zweck.

Gary started his dairy career on the farm with his father in Blyth, SA. His parents Don and Elva (whose names combined make up their prefix) bought the farm in 1964 and started off by separating cream.

Convinced by a neighbour to transition into whole milk, Don and Elva built the dairy in 1970 and began supplying Golden North in Clare, and shortly after established Donava Holsteins.

His father was quick to adopt herd testing and immediately became involved when it was privatised by the state government. Gary and his father separately enrolled in AI courses in the 1970s and used their new found knowledge to progress genetics within the herd.

Gary became aware of the benefits of these tools when coupled with better feed management and Donava Holsteins achieved production far beyond the state average.

Gary attributes his success to his father's interest in new and progressive farming ideologies which resulted in a pivotal business revelation.

## Farm facts

**Farm size:** 770 hectares

**Herd size:** 205 cows (year round)

**Females bred (1993-2017):** 1,441

**EX:** 5

**VG:** 185

**SBC:** 39

**STP:** 2

**Production awards:** 713

**Lifetime production awards:** 26

**Points required:** 1,441

**Points earned:** 1,935

"Dad was always quick to be open to take on new technologies," Gary said. "We worked out that confined feeding was a better way to go than trying to graze in our low rainfall environment."

Gary, Ros and son Justin have fine-tuned their TMR system, concentrating on producing home grown fodder and grain and delivering it to the herd for maximum benefit with their very low rainfall environment (average 350 mm/year) and no irrigation.

"You can see straight away that if you get the feeding right and the breeding right that you will actually be rewarded with high production and that was the drive for me to keep going."

Gary wasn't aware that a herd could receive the Master Breeder award twice.

"I thought a herd could only receive it once and we haven't changed our prefix at all, so it rolls on from generation to generation."

## Holstein Australia services

- ✓ Registration
- ✓ Classification
- ✓ Genomic testing

Gary said he wouldn't be nearly as accomplished if it weren't for his family.

"Ros continues to be a great support to me over the years, handling all the registrations, calf rearing and book-keeping and my son Justin has taken on the role of cropping management and is keen on progressing into the future," Gary said.

Over the next five years, Gary and his family plan to invest in their newly built shade shed and are currently building infrastructure underneath which will incorporate a feed lane and compost loafing area.

"We look forward to the day when the cows can be shaded from the hot summer. We've got a fairly aggressive plan on the new shed and if we can handle it and get it done then our next step is to invest in robotic milking. I'm hoping that will be a chance to wind back my hours a bit," he said.

"All the hard work is paying off and we are seeing the results of improved genetics and production. It's very pleasing to realise it's achievable" he said.

HJ



Baby Willow, Justin Zweck, Ros Zweck, Gary Zweck and employees Janar Aug and Olivia Laurance.

**Years in industry:** 44 years

**Farming generation:** 2 generation

**Important cow families:** The R family

**Favourite bull used:** Tennyson

**Important traits:** Strength, functional udders, good feet and legs.

**First EX cow:** Donava Rex Rosanne





# Clydevale Holsteins

## Clydevale Holsteins, Macorna North, Cohuna, Vic

### Second time Master Breeder Award

Mark Dee, Clydevale Holsteins, is quick to acknowledge the legacy his generation of the family inherited from parents, Adrian and Cheryl.

"Mum and Dad put an enormous amount of work into Clydevale Holsteins. We are stoked to receive a second Master Breeder Award for the herd, and it's something we hold very high," Mark said.

Adrian and Cheryl established Clydevale Holsteins in 1973.

They started dairying in Clyde North, moving to a 200 ha property in Macorna North in 1980. Since then Clydevale has expanded while remaining a solid family operation.

Adrian and his sons Colin and Mark and Mark's wife Mandy, brother-in-law Gavin and Howard Berry, all work full time on the property.

Mark said Adrian remained actively involved in the farm. "Dad's the big boss of the whole operation," he said.

Sadly in 2017, the family lost wife and mother Cheryl Dee, who passed away from her battle with MS.

"Mum was a massive part of our lives and the whole business. She was chief calf feeder, handled our bookkeeping and always did everything with great passion. She has contributed enormously to the stud and losing her was really difficult," Mark said.

Mandy has since taken on bookkeeping duties and Colin has taken over as chief calf feeder.

The Dees aim to breed a good, functional and long-lasting cow.

"We don't want huge production two year olds that don't last. We want a good-uddered heifer that will develop into a long lasting cow," Mark said.

Their focus on breeding for a combination of production and type largely contributed to the points that helped them accomplish the double Master Breeder award.

### Farm facts

**Farm size:** 1,092 ha  
**Herd size:** 500 milkers  
**Females bred:** 2,098  
**EX:** 44  
**VG:** 601  
**SBC:** 73  
**STP:** 54

**Production awards:** 391  
**Lifetime production awards:** 50  
**Points required:** 2,098  
**Points earned:** 3,109



Cheryl and Adrian Dee

"We've always heavily concentrated on achieving the best of both production and type and along the road we've accumulated points," he said.

The herd is herd tested and classified regularly to help identify needed improvements. "We always know where a cow needs refining and we selectively cull those that aren't up to scratch."

To date they have achieved 61 EX females and still get a buzz when a new cow classifies excellent.

The Dees have used embryo transfer (ET) since 1984 and more recently IVF and imported embryos, to establish new families in the herd. Since the early '90s, they have also bred numerous AI bulls for the Australian industry.

Mark said a key element of Clydevale Holsteins success was the work of his brother Adam who is a breeding consultant for National Herd Development (NHD).

"We are lucky he's so heavily involved. He's all over the proofs and new bulls coming.

### Holstein Australia services

- ✓ Registration
- ✓ Classification

We selectively mate everything and for each breeding decision, we consult with him. We're really happy with the way the breeding is going and our 2-year-old heifers calving now are some of the best lines of heifers that we've ever had," he said.

About half of Clydevale's rising 2-year-olds are joined to sexed-semen and they use about 70% genomic bulls.

"If you trust the genomics, you come out in front. We've used genomic bulls in the last 12 years and they stand up in the proof."

The farm has adapted and changed over the years like many of the local farms.

Irrigated summer pasture has been replaced with a 55 ha maize crop. In autumn, the entire farm is sown with cereal, lucerne and vetch along with some annual rye grass.

"That will change soon as the cows will be fully-housed and the business is about to head in a new direction," Mark said.

Over the past three years the family has built a new facility that includes a 500-cow compost barn and robotic dairy and expanded the herd size.

"The aim is to get the cows out of the heat in summer and out of the mud in winter," Mark said.

He said winning the double Master Breeder was a 'back-of-mind' goal they had been striving for. "It's something we've all really enjoyed achieving and it's the cream on top for all of our hard work and years of breeding."

HJ

**Farming generation:** 4th generation

**Important cow families:** Pennys, Fantas, Irenes, Sunspots, Perfections

**Favourite bulls used:** Solomon, Phoenix, Pragna, Shotime, Lordpres, Shottle and Mascot

**Important traits:** udders, feet and legs and a cow with dairy (front end) strength

**First EX cow:** Clydevale Warden Sonya



# Glenunga Holsteins

## Koch family, Glenunga Holsteins

### Barossa Valley, SA

#### Second time Master Breeder Award

In receiving the Master Breeder award for the second time, Andrew and Angela Koch acknowledged the contribution by Andrew's parents, Dennis and Annette in creating a solid foundation for the couple to build on when they took over in 1990.

"It's really satisfying to fulfil what my parents started in their first 20 years of farming," Andrew said.

"My late father nurtured my interest a lot while he was around and I'm pleased my family has continued on the Master Breeder title in his honour."

Andrew has always enjoyed developing cow families and finds it both challenging and exciting to breed and improve the next generation of cows.

"We've always kept an eye out for cow families that are consistent in breeding good calves, generation after generation and we've always got an eye out for the next emerging family."

Classification was one of the key elements that helped drive the herd's success.

"Classification is a fantastic tool for developing your herd and I've always participated strongly in classifying because it's a good independent benchmark of where your herd is at."

Andrew looks for rump structure and capacity in his cows. On dry land without irrigation, the cows consume a lot of roughage and therefore need to be capacious.

"I think if you get the rump structure right, you correct a lot of other things. If the rump is good, the feet and legs will

## Farm facts

**Farm size:** 324 ha

**Herd size:** 270 (milked)

**Split calving:**

**Herd production:**

**Females bred (1998-2017):** 1,380

**EX:** 48

**VG:** 380

**SBC:** 37

**STP:** 48

**VG males bred:** 5

**Production awards:** 33

**Lifetime production awards:** 13

**Points required:** 1,380

**Points earned:** 1,560

naturally be good and if you've got enough width in the rump, then you'll have enough room for a capacious udder," he said.

One of Andrew's favourite things about dairying is meeting people from different facets of the industry.

"It's never dull and if you get bored, it's because you haven't elevated yourself to get out there, mix and want to improve. Everyone's got something you can learn from."

Andrew has judged shows across Australia including on-farm challenges, the Perth Royal, NSW State Junior shows and the Burnie Show in Tasmania.

"I would have liked to have done more over the years but I was a bit hamstrung because I lost my father fairly early in 1989 and I was thrown into holding the reins here," he said.

Andrew is a big supporter of sub-branches and became an influential leader in SA. In 2010, he became the Chair of the Barossa Mid North Dairy Cooperative. Along with six other dairy farmers he formed a collective bargaining group and arranged

## Holstein Australia services

- ✓ Registration
- ✓ Classification

the March for Milk protest rally in Murray Bridge.

"It was really about holding the industry to account for what was happening. We were in a critical time where farmers literally couldn't afford to pay their bills," he said.

The March for Milk rally gained national media attention and shortly after Andrew was contacted about a milk deal with Woolworths, to source milk locally in each state.

"We were a good fit for them because we had the prominence and we were already registered as a collective bargaining group," he said.

It took 18 months of hard slog to get the Woolworths deal over the line but in 2015, the deal was done. Andrew marks this as one of his largest achievements to date.

"That was my most proud moment. Not only did it help us out personally by stabilising our milk income, but it also helped another six farmers at the same time," he said.

Andrew's commitment and desire to improve has been central to his achievements.

Nowadays, the farm is a family affair with Andrew and Angela's three daughters helping out where they can.

"It's lovely to receive the Master Breeder award but that's not why we do what we do. We are committed and focused on improving the cows all the time and without that, we wouldn't have accomplished what we have today," he said.

HJ



Andrew and Angela Koch

**How long have you been in the industry:** 37 years

**Farming generation:** 3 generations

**Cow families:** Wiabuna Buttercups, Connies, Jacobonias, Heidis, F cow family

**Favourite bulls:** Juniper Rotate Jed

**Important traits:** rump, structure and capacity

**First EX cow:** Glenunga Bookmaker Mandy (appendix 3)





# Woodlawn Holsteins

## Flanagan family, Woodlawn Holsteins, Finley NSW

### Second time Master Breeder Award

Lawrie Flanagan of Woodlawn Holsteins has the prestigious honour of being named Master Breeder twice in his 43 years of dairying.

"It's good to be a Master Breeder and it's something we are very proud of," Lawrie said.

The eldest of eight children, Lawrie grew up on a dairy farm in Girgarre, north of Shepparton.

"I was a little noisy red-faced kid that didn't know much about anything but always loved milking cows," he said.

He left school at 16 to start his career and hasn't ever looked back.

"All I wanted to do was milk cows. I left school on the second of December 1967 at 3.45pm and I was in the dairy by 4 o'clock."

In 1980, they sold the family farm in Girgarre and Lawrie and wife Lynne bought 32.5 ha in Katandra where they milked 80 cows. Six years later, Lawrie and Lynne moved to a larger property in Katunga, milking 120 cows before moving to their current home in Finley in 1994 where they milk 700 cows.

"We are pretty proud to milk that many cows," Lawrie said.

In 1984, Lawrie and his friend Daryl Brown touring farms in Canada and the US. At the time, Lawrie's herd was averaging 5,000 to 6,000 litre/cow.

"Cows in America and Canada were producing 10,000 litres and I thought, how the heck have they done that?"

Lawrie came home determined to evolve and develop his own operation.

The North American high-production herds weren't grazing and many used a TMR feeding system, which Flanagan Farms later adopted and now use year round.

They are currently constructing a 700-cow freestyle facility to serve their feeding program.

The cows are fed a balanced diet of cereals, corn and Lucerne and Lawrie identifies the TMR system as an essential element to his farm's success with the herd now averaging

## Farm facts

**Farm size:** 400 hectares

**Herd size:** 700

**Herd production:**

**Females bred:** 2,503

**EX:** 45

**VG:** 586

**SBC:** 22

**STP:** 5

**Production awards:** 785

**Lifetime production awards:** 30

**Points required:** 2,503

**Points earned:** 4,000



Lynne and Lawrie Flanagan.

about 11,000 litres and cows producing 15,000 litres.

Flanagan Farms has predominantly focused on breeding balanced, functional cows that are productive and long lasting.

"If your breeding program is sound, you'll have no problem producing good cows consistently," Lawrie said.

He registers, classifies and herd tests the herd to monitor production, health traits and cell counts.

"It's something you have to do. You need to build the picture. You can't simply show a cow and say three generations back, she was a good cow. Show me the figures! That's all part of the deal," he said.

Eighty per cent of the herd is in calf to sexed semen, an investment that increases cash flow, viability and the capability to breed and improve the herd.

## Holstein Australia services

- ✓ Registration
- ✓ Classification

"It's a no brainer mate! If it doesn't work for you, you're not doing it properly," he said.

Marketing is fundamental to the Woodlawn business model.

"We're not afraid to sell cows and in our last on-farm sale in 2011, we sold 95 head with a \$4,300 average and a top price of \$16,500."

Lawrie wears many hats and also works has a very successful livestock selling company Flanagan Marketing Services (FMS), which he operates with his son Nicholas, who is an auctioneer. FMS has played a large part in keeping his family in the industry and has helped market Woodlawn cattle.

"To build a business and run the Gorbro Golden Opportunity which was the highest averaging sale (\$7,500) in Australia last year, is very rewarding," he said.

Lawrie believes it's very important to give the younger generation involvement from an early age and his sons, Marcus and Nick, have been heavily involved since they were teenagers.

"Their commitment allowed Woodlawn to develop a successful model," he said.

He plans to phase out his role in the short term, with sons Marcus and Nick continuing to take control of the businesses. "We aren't looking to get out of dairy, we want to keep going," he said. **HJ**

**Years in industry:** 43 years

**Farming generation:** 3<sup>rd</sup> generation

**Land size:** 400 hectares (+150 ha leased)

**Important cow families:** Coconuts, Wendys, Cinderellas (all progeny of Rockwood Park Achilles Felicity) Hazels and Delights

**Favourite bulls:** Picton Shottle, Ladino and Rich Row Mark Sam, Unix and Guthrie

**Important traits:** functional, well-balanced, hard tops, good feet and legs and good udders

**First EX cow:** Wood Lawn Kai Wanda 17<sup>th</sup>



# Panatana Holsteins

## Hortle family, Panatana Holsteins, Moriarty, Tasmania

### Second time Master Breeder Award

Holstein Australia life members Ian and MaryAnn Hortle of Panatana Holsteins achieved a second Master Breeder award just in time for their dairy retirement.

Ian is the fourth generation to farm the 90 hectare property that has been in the family since 1862. His father milked cows before him and by the time Ian came home to work on the property, it had been divided in half as a result of a will.

In 1992, Ian and MaryAnn bought the missing half of their property and pieced it back together again. "That's was when we were able to increase our herd size and employ staff," MaryAnn said.

Over the years, Ian and MaryAnn set out to breed better cows improve traits and type with the aim of increasing the number of VG cows within their herd.

They started by breeding with an appendix 4 animal and bred up through their herd.

It took about 10 years to achieve their first purebred cow and after 25 years of breeding, Ian was rewarded with his first Excellent cow.

"It was a very gratifying achievement and we were very proud," Ian said.

Over time more cows classified VG and then

### Farm facts

**Farm size:** 90 hectares (milked land sized)

**Herd size:** about 230

**Herd production:**

**Females bred:** 1,664

**EX:** 19

**VG:** 411

**SBC:** 45

**STP:** 92

**Males bred:**

**EX:** 1

**VG:** 1

**Production awards:** 45

**Lifetime production awards:** 39

**Points required:** 1,664

**Points earned:** 1,720

the Excellent cows started rolling in.

"That's when we knew that Ian's breeding goals were working," MaryAnn said.

Ian's approach was to improve all the traits to breed towards perfect composition, confirmation with that came longevity and production.

Registration and classification were instrumental to achieving Master Breeder status.

Ian made sure that every calf born was registered and kept detailed breeding records and used classification to track progress.

"I loved classification because I loved to see my breeding vision come to life. It was

### Holstein Australia services

✓ Registration

✓ Classification

great to track my progress and see how the cows were improving," he said.

"We used our own herd as a nucleus. We used bulls but we didn't buy in cows for the last 15 to 20 years and centred our own cattle around building the herd."

For the past 30 years, Ian only used Canadian semen spending hours studying semen catalogues to help with his selection.

He also used home-bred bulls. "Even bulls I bred; they classified EX and their daughters did too."

It took Ian and MaryAnn a long time to apply for the Master Breeder award, despite numerous suggestions by their classifier.

"We were about 30 years into the stud when one of the classifiers said to Ian 'you must apply for the Master Breeder award'. The classifier had to remind us several times to do something about it," MaryAnn said.

"We thought it was a more elite award than we would ever be eligible for," Ian said.

Now, Panatana Holsteins is one of a few exceptional herds to receive two Master Breeder awards.

"Here in Tassie, I might be the first person to win two awards solely on my own, so I pretty proud of that achievement. Winning this last award before our sale was the icing on the cake," Ian said.

While the couple has exited dairying they remain active members of Holstein Australia. HJ



Front row (from left): MaryAnn Hortle, Patrick Slater, Ian Hortle. Middle row (from left): Brad, William and Alana Slater. Back row (from left): Alison Hortle with Bailey, Lucy and James.

**Years in industry:** 50 years

**Farming generation:** 4<sup>th</sup> generation

**Important cow families:** Mischief family, Sapphire family, Lilibet family, and Rosebud family.

**Favourite bull used:** Hannover Hill Inspiration

**Important traits:** temperament, legs and feet, udders, and type confirmation

**First EX cow:** Panatana Baron Mischief





## COMPETITION DETAILS

Animals entered must be registered Holstein or Grade Animals which have sufficient documented identity to qualify for the Holstein Australia Appendix registry under the current guidelines.

The classes for the competition are

2 Year Old	(born between 1/1/19 to 31/12/19)
3 Year Old	(born between 1/1/18 to 31/12/18)
4 Year Old	(born between 1/1/17 to 31/12/17)
5 Year Old	(born between 1/1/16 to 31/12/16)
Mature	(born on / or before 31/12/15)

- The competition is open to in milk animals only.
- There will be a limit of 10 animals per breeder.
- On the day of the competition animals are not to be fitted or haltered whilst being judged. It is at the judges or appointed sub branch delegate's discretion to reject or penalise any animal they believe to be in conflict of this ruling.
- Each sub-branch will conduct their own competition.
- Semex will then take first and second placegetters in each of the five nominated classes from which Overall Champions and Placegetters will be selected by the Over Judge.

All area and regional judging must be completed by Wednesday October 20th 2021. The overjudging is scheduled to commence Sunday October 31st 2021.

For further details or entry forms contact your local Holstein Australia Sub-Branch or Semex Pty Ltd



*Semex, in conjunction with Holstein Australia, is pleased to announce the Semex-Holstein Australia On-Farm competition 2021.*

*The competition is aimed at promoting and growing the registered Holstein by attracting and encouraging members to participate without the cost and time constraints of travelling.*

*As the competition continues to grow we are constantly reviewing the processes and implementing changes that will benefit all participants across all sub-branches.*

  
**SEMEX®**  
 Genetics for Life®



**Holstein**  
 AUSTRALIA





## Opportunity knocks

The level of inbreeding reported at Herd '21 was a reality check for the Australian dairy industry. While further research is underway, there are opportunities to make a difference through decisions being made right now. DataGene's April ABV release highlights some of these opportunities. With farmers owning most breeding stock (females), every mating decision is an opportunity to diversify the Holstein genetic base within the herd. The top 10 bulls for Balanced Performance Index (BPI) in the April release offer a great variety of choice from bulls from around the world. They represent 10 different maternal bloodlines and a wide variety of sires and maternal grand sires. Each of these top 10 bulls have ABVs above +100 for Overall Type and +100 for Mammary. The list of top registered females for BPI on page 47 shows the opportunities for genetic diversity with 19 different maternal bloodlines represented in the top 20 females. The list includes legendary Australian maternal lines such as the Deidres, Luckys, and Vanish as well as the world renown lines Tony Beauty, Lurie Shiek and Perfection. There are also some exciting emerging bloodlines bred up from Appendix lines.

As you study the following pages with highlights of the April ABV release, keep an eye out for opportunities to manage genetic diversity in your own herd. There are some great tools to help you manage genetic diversity: The Good Bulls App (pedigree filter) and inbreeding tools and services offered by breed advisers and genetics companies.



## JERONIMO smashes breeding records

In the latest Australian Breeding Values (ABV) release, ABS JERONIMO-P was the first sire to record a Balanced Performance Index (BPI) of more than 590, coming in at a record breaking 596, making him the most profitable dairy sire in the nation.

The Holstein also notched a breed-leading 602 on Australia's Health Weighted Index (HWI) – a breeding index that values vital traits such as fertility, mastitis resistance and feed saved.

A heifer sired by JERONIMO-P and owned by south-west Victorian dairy farmers Andrew and Jacqui Delaney was crowned Australia's #1 heifer, with a BPI\$ of 544. Australia's top heifer is about 15-months-old and is one of about 40 owned by the Delaney family that will soon be joined to Bomaz EPISODE.

JERONIMO-P has flooded the pointy-end of the heifer rankings, having sired 34 of the top 100. The Delaneys own five heifers sired by JERONIMO-P in the top 100.

The rise of JERONIMO-P is a win for Australian dairy farmers, a vote of confidence in genotyping and proof selecting sires for local conditions delivering profit, according to ABS Australian Business Operations Manager Bruce Ronalds.

"With 27 daughters milking in Australian herds, Jeronimo's performance has eclipsed his genomic prediction," Bruce said.

"If ABS hadn't run every bull through the Australian genomic system, Jeronimo may never have been found. He's the ideal sire for Australian conditions and his success demonstrates to farmers that there are bulls which deliver profit and health benefits for our unique milking systems."

JERONIMO-P burst onto the Australian breeding scene three years ago as the first sire to hit the market with a BPI of more than 400. He's remained at the top of the ABV genomic list since.

Terang dairy farmers Bryan and Jo Dickson have nine JERONIMO-P daughters milking in a herd of up to 1,000 and these heifers contributed to the bull's ABV ranking.

In late March, the Dickson heifers had an average PI of 100, with the highest hitting 109.

"They are going reasonably good considering he is a health sire, health doesn't go into the production index," Bryan said. "They also aren't out of super good cows, just normal, standard cows. None of the heifers kick and they aren't slow milkers either."

**More information: Bruce Ronalds, email: [bruce.ronalds@genusplc.com](mailto:bruce.ronalds@genusplc.com), 0427 826 054**







## Agri-Gene's proof highlights

DELTA-LAMBDA continues to add milking daughters all over the world and now finds himself as the No. 1 proven LPI Sire in the world. He has over 2300 daughters milking in the USA and remains a type and production leader with a PTAT Type ranking of +2.58 and +2.84 for udders.

Global demand for DELTA-LAMBDA semen will put pressure on supply for 2021 so be sure to get your orders in early if you plan on using him this year.

Other breed leaders from Agri-Gene's Holstein line-up include Blondin Sires LEGEND and MOMENT, who tied for equal No. 1 Conformation Genomic Sires in Canada.

MAGICBALL-PP is one of the highest BPI homozygous polled bulls in Australia at +459 and is also a breed leader for fertility at 11.2 in Australia and +2.5 for DPR in the USA.

NACASH is one of the most complete all-rounders on the market who ticks most boxes including A2A2, great production with positive components, excellent fertility and has a near faultless type proof. He continues to improve on BPI in Australia and has now moved up to +485 BPI. We are getting great reports on Australian progeny with many scoring very high on genomics.

A few new bulls introduced for Spring last year will continue to be popular this year including DYLAN who comes from 8 generations of VG and EX cows, from the heart of the Kings-Ransom D family. DYLAN is one of very few bulls in the breed over +2700 TPI and over +2.5 for type with positive DPR and calving ease under +2. Exciting newcomer HOOSICK also fits this exclusive criteria with 2911 TPI, +2.2 DPR and +2.5 type. The first HOOSICK shipment will arrive in May.

Other exciting new bulls to Agri-Gene's line-up for 2021 include the A2A2, polled Mirand son WOLFGANG-P. He is a superb type and udder improver with positive DPR and great production traits. PAIRING is over +2870 TPI and over +2 for type and udders. He comes from a cow family backed by 12 generations of VG and EX cows and is also positive for DPR.

MANEUVER-PP is a new A2A2, homo-polled maternal brother to MACNUT-PP. He is the No. 1 Polled bull for type in Canada and is also over +1000 lbs for milk and has the added bonus of being a red carrier.

**More information:** [www.agrigene.com.au](http://www.agrigene.com.au)



## Alta Genetics champions emerge

Proof week is always exciting at Alta Genetics and this autumn was no exception, with champions emerging at home and abroad.

Charging up the Australian charts, AltaYODEL came in #4 BPI(g) 542.

AltaYODEL is #1 for muzzle width (106), #3 for chest width (107) and #9 for dairy strength (100), in the top 100 sires.

This unique combination of outcross breeding with balanced conformation traits, coupled with high components and improved daughter fertility makes him an excellent bull of choice for those looking to improve all round performance without compromise.

Alta also maintained solid results in the US. AltaMAGNIFIQUE is our new leading sire at gTPI 3042 with an all-round balanced proof. As a new release sire with limited availability in both conventional and sexed, be sure to get in early to ensure supply.

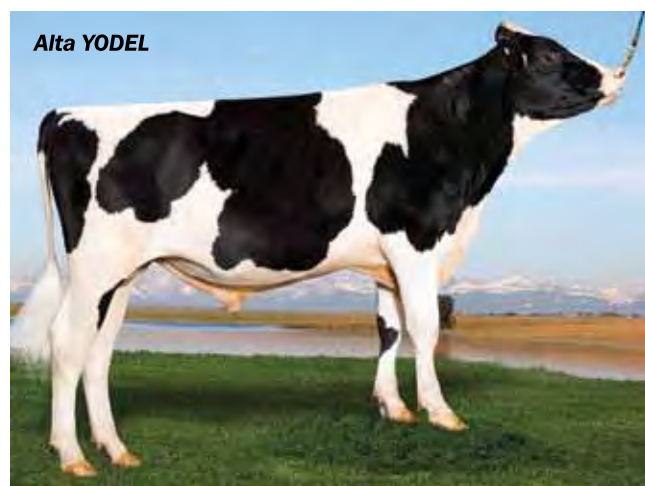
AltaFLASHBACK is now available both conventional and sexed. This popular TPI and BPI allrounder is a grandson of Bru-Dale Zeronica, a family that has produced other popular sires including AltaZAZZLE, AltaGLOW and AltaMANIC. These sires are all recognized for their overall performance.

AltaFLASHBACK is highly rated on the Alta CONCEPT PLUS system with high fertility conventional and sexed semen. A 2-5% advantage over average conception rates can be expected when using conventional AltaFLASHBACK semen and a 4-9% increase can be expected with sexed.

AltaGOPRO is now daughter proven and will rank in the top 10 lists in the US. This high production A2A2 sire is extremely popular. A graduate of the AltaADVANTAGE program, AltaGOPRO's first daughters will calve in Australia later this year, and farmer likability is high.

These leading sires form part of Alta's outstanding diverse autumn 2021 line-up. Get in touch with your local Alta Genetics breeding adviser and let us help you plan for your future herd!

**More information:** [australia.altagenetics.com](http://australia.altagenetics.com)



## Top herds ensure the quality remains high

Genetics Australia CEO Anthony Shelly said the April ABVs allowed GA to further strengthen the 2021 bull team with a number of high rated bulls from some of Australia's leading herds.

"It's no surprise Australia's top-rated Holstein herds contribute a large number of bulls and they compete with the very best available from anywhere in the world based on the BPI," he said. Twenty-five bulls in the current GA 2021 team have been sourced from Australia's top 20 herds.

The Carenda Holstein herd, owned by Ray Kitchen at Boyanup in Western Australia ranks #3 for BPI and #3 for Health Weighted index [HWI]. It has seven bulls in the 2021 team, led by the highest BPIg ranked Holstein in SONDALO Jeronimo x Main Event. At 531 BPIg, SONDALO ranks as the highest Australian bull, but his reign may end in August with the purchase of TOMMYDEE Endgame x Alltime. Bred by John and Vicki Lillico from Hindlee Holsteins in Tasmania, TOMMYDEE has a BPIg of 583 and 593 HWI, 105 for Mammary, 113 for Daughter Fertility and is A22. Hindlee Holsteins rank 18<sup>th</sup> highest BPI herd and have three bulls in the team. TOMMYDEE will be allocated to GAs Horizon test herds and available in spring.

Australia's #1 BPI Holstein herd is the Illawambra Holstein herd owned by Trevor and Leah Parrish from Kangaroo Valley in NSW. Four new Holstein bulls enter the 2021 team from this outstanding herd. SHOALHAVEN at 514g BPI is the highest and joins a group of six bulls over 500 BPIg, the first time bulls have reached this milestone.

Redmaw Holsteins owned by Jared and Courtney Ireland from Lockington in Northern Victoria has five bulls in the team with TALKING [515 BPIg] and LORAX [504 BPIg] added this year. Both bulls rank in the top 1% for BPIg and HWI and are the highest bulls the Irelands have bred.

Anthony said the quality of the 2021 Holstein team was at an all-time high, underpinned by local bulls that can compete with the very best available.

A number of offshore-sourced bulls complement the local line-up, headed by FEDORA 14H013980 at 508 BPIg.

The 2021 Sire Catalogue contains more information plus details on other bulls.

**More information: [genaust.com.au](http://genaust.com.au)**

**Genetics Australia SONDALO**



## Semex line-up remains strong

In April, Semex's BPI line-up maintains its strong position in the BPI rankings, combining high components, impressive health and fertility traits along with solid overall type and mammary systems. A black-coated bull, Westcoast Reverso is a full brother to the popular Genomax® sire Westcoast River. At +543 Reverso is the #3 BPI genomic sire and delivers +107 overall type and +104 Mammary Systems. Offering breed-leading health traits of +115 daughter fertility, +112 mastitis resistance, a low +189 cell count, and +114 survival, this health and fertility specialist has the added benefit of being Immunity+® and A2A2.

From the popular Progenesis Program, Genomax® sire Progenesis Dracaena is an outcross to many prominent BPI pedigrees being a Guarantee x Duke x Delta. Ranking at #6 BPIg at +531 and with +229 ASI, Dracena offers high levels of production +769 milk L, +35 kg P, +0.27% P, +36 kg F at +0.05% F. The black-coated Dracaena combines high production levels with +111 daughter fertility, +110 mastitis resistance and +112 survival.

At +494 BPIg Westcoast Rocknroll is an exciting addition to the Semex lineup. Offering an impressive type and mammary conversion of +108 overall type and +106 mammary system, this high-ranking GPA LPI, GTPI AND BPIg sire combines low stature of +101 with strength at an impressive +108 chest width. A RobotReady™ and A2A2 sire, Rocknroll delivers +277 milk L with high components of +20 kg P, +0.23% P, +39 kg F, +0.39% F along with +113 daughter fertility. Backed by a successful cow family, Rocknroll is a Pyramid x Alcove from the popular donor dam Westcoast Montana Riza 4700 VG-87-4YR-CAN.

Westcoast Perseus continues to impress breeders. Despite just falling short of herds to meet the requirements for the Australian proven list, Perseus maintains high ranking as one of the leading and most popular BPI sires available in Australia with +500 BPI and +524 HWI. Siring low stature at +100, his daughters are predominately black with shallow, well-attached udders. Perseus is an excellent heifer option with breed leading +105 calving ease at a high 99% reliability and is available as Semexx™ sexed semen. With his high daughter fertility of +114, low +186 cell count and +110 mastitis resistance this calving ease, A2A2, Grazing Pro sire is a great fit for dairy producers everywhere.

**More information: [www.semex.com.au](http://www.semex.com.au)**

**Westcoast Reverso**







## Emerging young sires star

Australian dairy farmers who follow the breeding trends and results of each International proof run would be hard pressed not to notice the emergence of ST Genetics on the world genetics platform.

Highlighting the USA GTPI listing STG Genomic bulls dominate the top listing – a creditable result for a young company – in fact ST has had # 1 TPI Sire four of the past five years.

Focus is now on delivering similar genetic diversity and results for Australian dairy farmers.

We currently have a team of 14 high BPI Holstein sires producing semen that is been processed SXF Ultra 4M at our ST lab in Camperdown.

All of these bulls are been utilised also on our Fresh 4ML Ultra Sexed Semen program, which is producing outstanding conception results in programs on FTAI heifers and lactating cows.

This group of 14 bulls are a mix of domestic bred bulls and bulls resulting from our Sexed Male Embryo program.

Orders are also coming forward from several dairy-based countries for these emerging young BPI sires.

Supporting them are previous bulls who are now only available in frozen semen such as Shaydon and Shean.

This year will see the emergence of Australian-bred Kirk Andrews Fon Doo ( Duke x Supershot x McCutchen ) BPI 435 with favourable reports on first calving daughters.

Our program will continue to expand and this year we anticipate a further intake of some 20 domestic bred Holstein bulls and a similar number from the 200+ male imported embryos we will implant here based on BPI expectations.

Within our UK and USA operations we also have a focus on potential BPI sires and have young bulls on the cusp of 600 BPI ratings already tested and soon to mature to semen making age.

STGA will remain committed to the Australian dairy genetics industry as we advance with proof refinements and technologies.

The best way to predict the future is to create it.

**More information: [stgenetics.com.au](http://stgenetics.com.au)**



**Kirk Andrews Fon Doo**



## New 2021 Sires for TLG

The April 2021 ABV release presents a number of new sire candidates selected for the TLG team.

TLGLaszlo (Jeronimo x Bandares x Silver) – a high level Australian and US Genomic Sire that is A22, 95% Black with daughter fertility, calving ease and positive status for type and mammary system.

TLGBeamer (Jeronimo x Maserati x Silver) – excels for both Australian and US Genomics, A22, with balanced type and mammary system, daughter fertility and positive teat length.

TLGGoodstuff (B52 x Lenux x Goldcrown) – an alternative sire line, A22 with positive components, strong type and mammary system and high-level daughter fertility.

TLGDarklighter (Skywalker x Delta x Megasire) – An outcross A22 pedigree with positive daughter fertility and calving ease.

The following two bulls have recently entered the TLG collection facility and offer exciting polled PP choices for 2021.

TLGClarity (Limelight-P x Sammy-P x Duke) – a unique sire line pedigree with PP status, positive milk and components and has attracted international interest.

TLGChilli (Hotspot x Polar x Hotrod) – A new high gBPI A22 PP sire with positive daughter fertility, milk and components.

*Fresh Sexed Semen – Optimising Sexed Semen Conception Rates* Fresh sexed semen is generating high interest based on conception rate results and is becoming more of a genetic option. Without the freezing and thawing process, the viability of fresh sexed semen is enhanced and becomes more accommodating to synchronization program management. TLG has incorporated the offering of fresh sexed semen with our customers Australia-wide and presents the opportunity to incorporate their sires within your fresh sexed reproduction programs.

*Genomics – A Practical Application Perspective*

The Neogen suite of genomic testing products provides an opportunity to genomic test your heifer calves. There has been an increased uptake of genomic testing by a growing number of breeders who wish to identify the genetic merit of their heifer calves in preparation for future export orders.

The sending of a DNA tissue sample to Total Livestock Genetics to obtain a genomic breeding value offers an effective guide for both the nomination of heifers for future replacement, as well as the identification of candidates for export.

**More information: [tlg.com.au](http://tlg.com.au)**



**TLG Vala Jeronimo Beamer**



## Nordic bulls show their ABV muscles

VikingGenetics has worked hard to sample many of its Nordic bulls in the Australian evaluation. It takes time to establish a base of performance data, and linkages through the system to the databases around the world. In 2021 we are starting to see this work yield the fruits of our labour with both proven and now genomic sires developing ABV proofs that align with the Nordic data on which they were bred.

*VH Romello* has risen up the Australian proven Holstein list with 124 daughters in 20 herds, achieving #4 ranking with a BPI of 412 and HWI of 447 and is providing the type of cows so many are looking for with good fertility at 112 (No. 1 in top 10 Sires) and shorter cows (stature 97) with good chest (100). He is a very good protein sire transmitting +325 litres of milk with +0.35% and 27 kg of protein, and udder traits are pleasing also. Add to this his calving ease of 104, +63 for feed saved and wrap it all up in predominantly black skin, and we have a true customer satisfaction bull.

*VH Booth* is another big mover with 2<sup>nd</sup> crop daughters coming in in 2020 (368 in 53 herds) moving from #42 in 2020 to # 18 in 2021. The mark of a truly good bull building reliable records.

*Genomics – VH Ascari* is #5 on ABV and #3 including A2A2. BPI 539, HWI 574. *Genomics – VH Heat PP* is #4 PP Sire and #2 A2A2 PP Sire. BPI 452, HWI 462.

We have been confident in our selections, designing a bull program that would tackle the key areas of fertility and health while offering fresh new pedigrees. Those who have worked with us already have improved reproductive performance and reduced animal health costs from cows that are easy to live with, and who last in the herd.

We are already identifying more Nordic bulls for the future that already show they will produce pleasing results in the Australian evaluation continuing to offer the health and fertility we have always promised, and now focussing additional energy on feed efficiency.

Make 2021 the year you feel the ABV muscle of Viking Holsteins. For further information please contact:

**More information: Jim Bruce. M: 0437 781 694, T: 02 6024 5972, E: [jibru@VikingGenetics.com](mailto:jibru@VikingGenetics.com), W: [vikinggenetics.com.au](http://vikinggenetics.com.au)**



**Viking VH Heat PP  
(Hotspot P)**



## Why more farmers choose WWS

WWS is home to the #1 Holstein proven sire BANDARES +510 BPI, which we feel reflects WWS's global commitment to collect data, starting with having bull dams calved in, scored and milk recorded. BANDARES is sired by a Mogul son, Yoder, from Woodcrest farms, the same as a famous Kingboy son. Yoder's short teats restricted his use among the many great Mogul sons available at the time. Bandares became an obvious choice for those wanting components and keeping an eye on cell count. His story starts at one of the breed's famous names, Wa-Del Farms, well-known for high protein production cows. His dam is a VG Massey daughter, who put many sons in AI. She was from a EX-91 point Supersition, then a EX-90 Shottle, VG Forbidden, VG Rudolph then a EX-91 Emory and Ex-90 Southwind.

BANDARES now has more than 5,000 milking daughters globally; moderate milk and great components with exceptionally shallow udders are his feature. With shallow udders comes his breed-leading traits in terms of mastitis resistance +104 and Cell Count +157. Mastitis via direct milk production losses and treatment costs an average of more than \$400 per case.

BANDARES had been lightly used as sire of sons, yet we used a number those heavily in Australia. The most exciting is one of his oldest and with already having milking daughters himself is FREEBORN, who tops the Balanced BPI list at +538 BPI with 84 milking daughters in the US with none in Australia yet. His early daughters in some of North America's leading herds are displaying those same moderate milk high components with incredible mastitis resistance of his sire Bandares.

MOEMONEY, another Bandares son, at +442 BPI from the same family prominent Mogul son Montross, with bulls in his pedigree many Australian breeders will admire being from a Kingboy dam, Numero Uno granddam and the next cow back being by Bolton. MOEMONEY has been used as a reliable calving ease sire, and overall udder improver.

DRASTIC-P brings the polled gene into the Bandares offering in the top 1% of the breed at +428 BPI. This striking black bull has many followers, and early milking daughters are exciting Australian breeders. Sloped rumps, shallow udders and an exceptional calving ease sire with great daughter fertility, makes him an easy choice.

**More information: [wwwsaustralia.com](http://wwwsaustralia.com)**



**WWS Ladys-Manor Freborn Lilly**



# Top Females (BPI)

Name	HBN	Owner Name	Sire	DOB	BPI	BPI Rel	ASI	Protein	Protein %	Milk	Fat	Fat %	Overall Type	Mammary System	Survival	Survival Rel	Mastitis Resistance	Somatic Cell	Fertility	Feed Saved	Heat Tolerance
ILLAWAMBRA RIVER SLEEPY 3950-CNF-DPF-BLF	2110430	T J & L R PARRISH	RIVER	7/04/2020	534	62	222	19	0.5	-267	30	0.6	98	96	110	46	110	172	116	21	97
JELBART JERONIMO ROXANE 15905-CNF-DPF-BLF	2128683	JELBART DAIRY PTY LTD	JERONIMO	28/03/2020	521	63	174	16	0.32	-38	30	0.46	97	104	112	48	108	172	117	25	94
GUNDOWRING TRICKIN 7202	1993859	ID & A M HOLLOWAY	TRICKIN	10/03/2017	520	69	298	13	0.73	-962	52	1.34	99	99	107	60	106	139	111	29	89
CURRAJUGLE JERONIMO GOLDEN 2906-CNF-DPF-BLF	2085003	K N & S K JOLIFFE	JERONIMO	21/06/2019	517	65	177	16	0.32	-30	32	0.47	102	104	112	52	108	165	115	-38	95
ILLAWAMBRA LAWSON DALLAS 3914-CNF-DPF-BLF	2105669	T J & L R PARRISH	011H012157	6/01/2020	515	63	208	15	0.43	-264	36	0.67	106	102	111	48	110	166	114	-94	97
VALA NACASH NADY-ET	2126903	VALA HOLSTEINS	NACASH	18/07/2020	515	64	211	23	0.4	49	30	0.41	102	106	112	49	108	171	111	-65	95
WILARA JERONIMO LOLLIE-CNF-DPF-XIF-BLF-PO	2090331	W F & M J & T W HENRY	JERONIMO	23/08/2019	509	64	266	25	0.53	-122	42	0.68	103	104	110	50	105	161	114	-144	91
REDMAW PERCY LAUTAMAY 2425-ET	2062394	JARED & COURTNEY IRELAND	PERCY	4/02/2019	507	64	167	28	0.27	498	16	-0.08	104	107	113	50	108	161	116	-81	99
IYHURST WRANGLER MYSTERY 6194-OC	2099988	A P & C M SEBIRE	WRANGLER	8/03/2017	505	69	321	13	0.77	-1014	57	1.45	99	95	103	62	107	160	112	46	97
DILEE FEDORA OLLIE 329ET-ET	2069206	DILEE HOLSTEINS	FEDORA	3/04/2019	501	65	147	10	0.26	-144	31	0.54	105	108	111	50	111	168	114	13	101
WILARA 7491 KAVALA-ET-CNF-DPF-XIF-BLF	2050231	W F & M J & T W HENRY	VIKHBOOTH	18/08/2018	501	68	311	35	0.51	308	51	0.55	103	103	108	58	106	160	105	-45	96
CYPRESS GROVE V2 JERONIMO TIFFANY-ET-CNF-DPF-XIF-BLF	2073413	JONES FAMILY	JERONIMO	14/03/2019	500	65	238	20	0.55	-349	32	0.68	102	102	110	52	107	161	110	-19	97
WINAVIEW NACASH PERFECTOR 1438-ET-CNF-DPF-BLF	2115259	WINAVIEW HOLSTEINS	NACASH	21/05/2020	499	65	163	12	0.33	-192	29	0.53	100	103	112	51	108	167	117	-70	93
HINDLEE ROYAL ENDGAME 20112-TWIN-CNF-DPF-BLF	2128637	J M & V LILICO	ENDGAME	30/07/2020	498	65	160	9	0.37	-367	27	0.61	98	104	112	51	109	175	116	-11	96
VALA BOLD BEYONCE-ET-PC	2126953	VALA HOLSTEINS	STGBOLD	30/07/2020	495	61	206	23	0.32	225	36	0.38	106	107	110	44	110	174	106	33	92
BELLBROOK JERONIMO TRACY-PO	2120810	B L & M COSTER	JERONIMO	26/03/2020	493	63	172	17	0.32	16	28	0.39	99	100	111	46	109	161	115	51	96
KAARMAA MAROON OLYMPIA 3-ET	2103076	GRAEME SPRUNT	STGMAROON	1/01/2020	493	63	201	23	0.27	337	38	0.34	104	109	112	48	110	176	109	-95	100
CARENDA SUPERHERO VERMELLO-MFF-CNF-DPF-XIF-BLF	2012576	KITCHEN FARMS	JSSUPERHERO	24/09/2017	492	71	189	13	0.47	-456	25	0.64	104	104	110	58	109	176	112	-32	97
ECLIPSE HUMBLE DANCER III-IMP-ET-CNF-DPF-BLF	2114701	RICHARD HULL	HUMBLEKIND	10/04/2019	490	65	203	17	0.31	31	44	0.61	105	106	113	52	109	151	107	-72	94
EMU BANKS RIVER DARIA 12147	2143539	B J & J L DICKSON	RIVER	14/02/2021	490	62	123	18	0.17	323	19	0.07	104	104	112	46	108	166	117	37	101
HINDLEE JERONIMO PB DALLAS 19004-ET-CNF-DPF-XIF-BLF	2076910	J M & V LILICO	JERONIMO	19/02/2019	489	64	193	28	0.32	418	23	0.08	101	103	111	50	109	160	113	-119	93
CARENDA WIGGINS VODKA-CNF-DPF-XIF-BLF	2044960	KITCHEN FARMS	WIGGINS	9/06/2018	486	70	213	23	0.42	36	28	0.39	99	100	110	58	108	172	111	-36	100
VALA BOLD BOLIANA-ET	2126926	VALA HOLSTEINS	STGBOLD	24/07/2020	486	59	207	19	0.34	32	41	0.57	108	107	110	42	109	162	107	-52	96
WINAVIEW JERONIMO LOLA 1444-PC-CNF-DPF-BLF	2119713	WINAVIEW HOLSTEINS	JERONIMO	18/06/2020	484	65	202	15	0.47	-359	30	0.65	106	105	111	52	107	159	108	16	95
HINDLEE PERSEUS ROSE-CNF-DPF-BLF	2134557	J M & V LILICO	PERSEUS	10/09/2020	482	66	123	21	0.21	371	10	-0.08	97	101	108	51	113	182	123	-34	94
WILARA PERSEUS JO-CNF-DPF-XIF-BLF	2051798	W F & M J & T W HENRY	PERSEUS	28/09/2018	482	68	268	29	0.49	108	41	0.53	94	96	106	56	108	161	110	1	90
CARENDA NACASH VEDERA-CNF-DPF-BLF	2130313	KITCHEN FARMS	NACASH	21/08/2020	481	63	126	16	0.11	383	28	0.17	103	108	113	48	110	180	113	-95	100
CYPRESS GROVE V4 JERNIMY TIFFANY-ET-CNF-DPF-XIF-BLF	2073415	JONES FAMILY	JERONIMO	16/03/2019	481	65	216	11	0.62	-789	25	0.85	104	103	110	51	106	163	111	-29	97
DILEE PEMBERTON OLLIE 494-ET-CNF-DPF-BLF	2137355	DILEE HOLSTEINS	PEMBERTON	8/01/2021	481	65	230	24	0.44	51	34	0.46	103	105	110	50	111	167	105	-87	92
ILLAWAMBRA JERONIMO POSCH 3892-CNF-DPF-XIF-BLF	2099290	T J & L R PARRISH	JERONIMO	24/10/2019	481	63	104	11	0.23	-37	11	0.18	100	105	113	48	106	161	118	74	99
REDMAW NACASH EBONY 2749-CNF-DPF-BLF	2127207	JARED & COURTNEY IRELAND	NACASH	8/08/2020	481	65	247	21	0.54	-282	35	0.69	97	99	108	51	111	170	108	-102	89



# Top Bulls (BPI)

Bull ID	Bull Name	Genetic Codes	Source	BPI \$	BPI Rel	ASI	ASI Rel	No. Dtrs	No. Herds	Over Type	Type Rel	Mam Syst	Survival	Dtr Fert	Feed Saved	Calving Ease	Mastitis Resistance
29H018698	ABS JERONIMO-P-ET	A22,POC	ABS	596	66	246	75	27	6	102	64	102	113	115	-53	101	109
7H015532	LADYS-MANOR BIG ORBITZ-ET	A11	WWVS	544	59	250	73	0	0	106	51	106	112	106	-158	103	113
0200H011386	WESTCOAST REVERSO	A22	SEM	543	65	149	77	0	0	107	60	104	114	115	31	101#	112
011H015510	PEAK ALTAYODEL-ET	A12	ALT	542	62	237	76	0	0	104	55	102	114	112	-176	103	111
VIKASCARI	VH TIRSVAD ALBERTA ASCARI	A22	VIK	539	62	202	75	0	0	102	55	101	113	116	4	102	108
7H013981	SANDY-VALLEY BD FREEBORN-ET	A22	WWVS	538	69	213	78			102	69	106	112*	111	-11	100	109
SONDALO	CARENDA SONDALO	A12	GAC	531	65	195	77	0	0	102	59	106	111	114	25	103	109
0200H011353	PROGENESIS DRACAENA	A12	SEM	531	64	229	76	0	0	102	57	100	112	111	-21	102	110
0200H011279	PROGENESIS POLAROID	A22	SEM	528	65	166	78	0	0	101	60	102	113	117	-50	103#	111
KARAT	KAARMONA DIAMOND-ET	A12	GAC	528	64	167	76	0	0	103	58	109	111	115	-36	101	110
14H015445	OCD LEGACY MASSEY-ET	A22	WWVS	525	60	186	73	0	0	98	52	100	113	117	-49	103	113
0200H011749	PROGENESIS PROCEED	A22,CVC	SEM	521	63	207	77	0	0	107	57	108	111	114	-112	100	107
SAMARIA	WILARA SAMARITAN-ET-CNF-DPF-XIF-BLF-P0	A12,POC	GAC	519	63	221	76	0	0	102	55	101	110	111	107	100	108
EXPERIENCE	PEAK EXPERIENCE-ET		AGR	517	62	239	76	0	0	99	55	103	110	109	25	103	111
STGPEPPER	GENOSOURCE JUMP PEPPER-ET	A12	SXT	516	61	239	74	0	0	98	53	100	110	107	-17	105	114
SHOALHAVEN	ILLAWAMBRA SHOALHAVEN RIVER	A12,CNF,DPE,BLF	GAC	514	63	163	77	0	0	102	57	103	112	116	58	103	108
011H015391	PEAK ALTACRAZED-ET	A22	ALT	513	62	207	75	0	0	107	54	104	111	109	-4	102	112
011H015729	PEAK ALTAZURA-ET	A11	ALT	513	58	257	72	0	0	99	48	99	112	105	-108	101	112
7H012671	WA-DEL YODER BANDARES	A22	WWVS	510	82	232	89	56	15	104	85	108	111	109#	28	100#	104
29H019442	WILRA KNOWHOW-ET	A22	ABS	510	64	268	77	0	0	97	57	102	111	108	-9	105	107
011H015783	WINSTAR ALTAREGULUS LT 63074-ET	A22	ALT	510	62	235	75	0	0	100	54	99	110	113	-168	103	110
29H019485	BOMAZ EPISODE-ET	A22	ABS	509	62	196	76	0	0	103	54	106	112	112	-44	104	110
14H013980	SANDY-VALLEY FEDORA-ET	A12	GAC	508	67	223	75			103	68	107	111*	109	-73	100*	108
KARDEW	KAARMONA DEWEY-ET-CNF-DPF-XIF-BLF	A22	GAC	506	64	183	77	0	0	106	58	110	112	112	-52	102	109
14H015281	BOMAZ LEGACY LAFLEUR-ET	A22	WWVS	506	60	232	74	0	0	102	52	108	110	111	-74	102	108
STGTACOMA	ST GEN NOBLE TACOMA		SXT	505	65	142	77	0	0	98	60	106	113	116	-61	102#	112
TIRANO	CARENDA TIRANO	A12,POC	GAC	505	64	184	77	0	0	105	57	109	111	112	7	102	108
7H015305	HILMAR LEGACY SHOOTER-ET	A22	WWVS	503	61	174	74	0	0	102	54	103	113	115	-108	104	111
7H015463	CHERRYPCOL L LENNOX-ET	A12	WWVS	502	60	250	73	0	0	102	51	105	111	109	-100	103	107





## Top Bulls (Overall Type)

Bull ID	Bull Name	Genetic Codes	Source	BPI \$	BPI Rel	ASI	ASI Rel	No. Dtrs	No. Herds	Over Type	Type Rel	Mam Syst	Survival	Dtr Fert	Feed Saved	Calving Ease	Mastitis Resistance
0200H010890	LEGEND-MAKER VICTOR	A22	SEM	385	73	127	81			114	77	109	111*	109	-97	100	104
14H07748	KINGS-RANSOM 1ST DEWARS-ET	A22	GAC	467	78	66	84			113	79	107	114*	108	35	103*	112
DELTA LAMBDA	FARNEAR DELTA LAMBDA-ET	A12	AGR	394	78	165	86	47	17	112#	73	112#	113	102#	-110	103	103
BSLEGEND	BLONDIN LEGEND		AGR	313	63	-13	76	0	0	112	58	116	113	109	-24	102	108
0200H010610	WESTCOAST WINDMILL	A22,BLF,CVF	SEM	457	75	169	81			112	72	109	111*	105	-92	103*	112
0200H010660	STANTONS ADORABLE	CVF,BLF,A12	SEM	428	73	141	75			111	80	107	113*	109	-131	102*	104
CRVHOTLINE	PEAK HOTLINE	A22	CRV	383	71	224	75			111	75	112	107*	104	-191	103	104
SOUNDSYSTEM	MIRABELL SOUND SYSTEM TV TL TY		GAC	355	74	169	80			111	76	107	110*	105	-205	101	103
0200H010845	MELARRY FUEL-ET	A12	SEM	282	73	148	80			111	76	108	109*	101	-258	100	103
250H014197	NO-FLA CAPITAL 45499-ET	A22	WWS	365	67	128	79			110*	61	110*	111*	107*	-2	103*	105
011H011493	GLEN-D-HAVEN ALTAHOTROD	A22,BLF,DPF	ALT	346	85	183	95	138	28	110#	74	109#	108	108	-239	101	103
MICHALAK	MICHALAK	A12	AGR	419	67	120	78	0	0	110	64	108	111	112	0	104	106
29H017459	HOOGHERHORST DG OH RUBELS RED	A12,RDC	ABS	386	65	132	76	0	0	110	60	108	112	107	-68	102	105
0200H011213	PROGENESIS DROPKICK	A22	SEM	375	68	120	78	0	0	110	66	109	111	107	-188	100#	107
250H015322	SIEMERS ANZ HANLEY 31445-ET	A22	WWS	323	61	157	74	0	0	110	54	108	111	101	-191	103	105
DOCLOK	ADLEJAMA CANBEE DOCLOK	A22,CNF	GAC	306	78	266	86	39	13	110	74	103	104	96	-16	98	98
J11SALON	ELMAR SALON-ET	A12	GAC	281	71	22	80	0	0	110	69	111	111	106	54	100	103
7H012724	T-SPRUCE SUPRSHT WIGGINS	A22	WWS	437	73	163	80			110	75	106	114*	105	-112	102*	108
29H017334	WILDER HAMLET	A22	ABS	405	79	167	92			110	71	105	109*	107	-155	104	106
0200H010641	WESTCOAST RANDALL	A12	SEM	337	75	91	81			110	79	109	109*	106	-159	103	110
7H013839	DUCKETT CRUSH TAT00-ET	A12	WWS	320	72	-1	79			110	70	112	112*	105	18	104*	108
250H012961	WOODCREST KING DOC	A12	WWS	310	86	134	93	132	35	110	93	111	111	103	-190	102	103

# End of an era at Parwan Park

Nearly 60 years of history came to an end when the last semen collection was processed at Genetics Australia's Parwan Park bull farm at Bacchus Marsh in April.

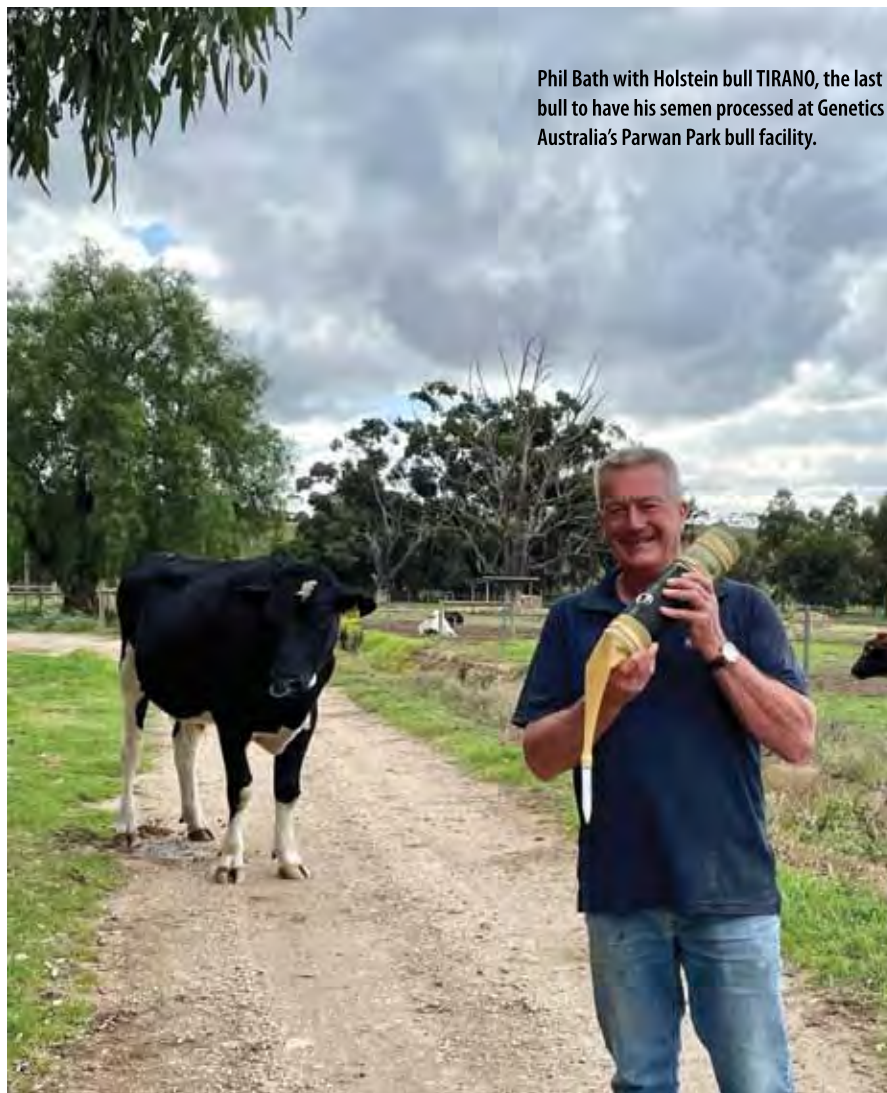
Holstein bull TIRANO P will go into the record books as the last bull to have his semen processed at the facility.

The milestone came just short of 60 years after the first collection was conducted on 12 July 1961.

Genetics Australia has relocated its bull management, semen management and semen collection and production services from Bacchus Marsh to south-west Victoria following the purchase of Total livestock Genetics (TLG).

Genetics Australia CEO Anthony Shelly said the relocation was both an exciting and emotional time for the co-operative after such a long association with the Bacchus Marsh site.

"We acknowledge the dedication of all the current farm and production staff, particularly in the past four months since the announcement of the purchase of TLG and the closure of Pawan Park," he said. "They have ensured the bulls were moved with care and continued to meet the day-to-day demands of collections and processing to meet current orders.



Phil Bath with Holstein bull TIRANO, the last bull to have his semen processed at Genetics Australia's Parwan Park bull facility.

"We also thank the staff at the TLG site for making sure the bulls have settled in well at Camperdown and Glenormiston."

New holding yards and infrastructure have been built and the laboratory updated at the Camperdown site.

Anthony said Genetics Australia was leaving a lot of history at Bacchus Marsh.

"We acknowledge the past production staff who have worked at the facility during the past 60 years," he said.

"Their work in many ways pioneered the development and progress of herd improvement in Australia and they have made a significant contribution to the industry as we know it today."

HJ

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### Deadlines: Winter 2021 issue

Advertising bookings: Wednesday 4 August

Advertising material (copy for layout): Wednesday 4 August

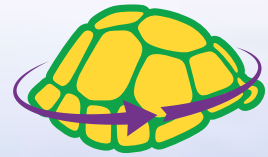
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# MINAZEL® PLUS



**360° SECURITY**  
TOTAL MYCOTOXIN PROTECTION



## DESCRIPTION

**MINAZEL PLUS** is the latest advance in mycotoxin binding. It's unique EU patented technology product is based on organic modification of mineral zeolite (clinoptilolite) surface, effective against polar and non-polar mycotoxins. Efficiency is characterised by rapid adsorption of the product after contact with the mycotoxin and at different pH values throughout the digestive tract.



## ADVANTAGES

✓ **EFFECTIVE** – Unsurpassed binding of all mycotoxins versus other brands – result of unique patented technology.

✓ **FAST** – acts and adsorbs broad spectrum of mycotoxins quickly.

✓ **EFFICIENT** – product adsorption is stable in different parts of intestinal tract (different pH levels) without significant levels of desorption = **superior binding efficiency**.

✓ **SELECTIVE** – MINAZEL PLUS targets mycotoxins. Does not bind vitamins, minerals, amino acids, or micronutrients.

✓ **AFFORDABLE** – proven **cost-effective** in dairy cows under various climatic conditions (Australia and overseas).



## USE

- ✓ 1-2 kg per tonne of feed depending on mycotoxin challenge, or
- ✓ Same inclusion rate as current mycotoxin binder at less cost and best binding efficiency.



## ACTION

- ✓ Effective against mycotoxins from forage or grain sources.

### MINAZEL PLUS - Adsorption speed



## BINDING EFFICIENCY

- ✓ Effective against a broad spectrum of mycotoxins (data on file):

Mycotoxins	% Adsorption at pH 3.0 (high values required)		% Desorption at pH 6.5 (low values required)		Binding Efficiency (high values required)	
	Brands A-C	Minazel +	Brands A-C	Minazel +	Brands A-C	Minazel +
<b>AB1</b> - Aflatoxin	54.2 - 100	<b>100</b>	0 - 0.1	<b>0</b>	54.2 - 100	<b>100</b>
<b>FB1</b> - Fumonisin	24.8 - 92.5	<b>91.4</b>	22.9 - 95.7	<b>2.9</b>	1.1 - 45.6	<b>88.7</b>
<b>T-2</b>	7.1 - 21.1	<b>69.1</b>	25.0 - 61.6	<b>0</b>	3.2 - 8.1	<b>69.1</b>
<b>ZEN</b> - Zearalenone	54.8 - 63.2	<b>87.1</b>	10.4 - 16.7	<b>2.0</b>	45.6 - 56.6	<b>85.4</b>
<b>OTA</b> - Ochratoxin A	54.9 - 84.4	<b>83.8</b>	33.7 - 48.9	<b>3.9</b>	36.4 - 43.1	<b>80.5</b>
<b>Ergot Alkaloids</b>	no data	<b>98.0</b>	no data	<b>0.2</b>	no data	<b>97.8</b>



**min-a-zel® Plus**  
—  
**ADVANCED  
MYCOTOXIN CONTROL**



**For more information contact David - 0439 423 333**



# WESTCOAST ROCKNROLL

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