

**FEEDING SYSTEMS / EQUIPMENT**

**nedap**  
ESF, Sow Weighers, Sorters, and Pig Performance Testers

**TEWE ELEKTRONIK**  
Feeding Systems, Dry Feed, Air Feed, Liquid

**Slats**

**FeedWorks**  
Performance Through Science

Doug Pearson +61 408 735 185  
David Cadogan +61 409 049 793

# Australian Pork

## NEWSPAPER



**STOCKYARD INDUSTRIES**

Phone: 07 4697 3344 • Fax 07 4697 3532  
[www.stockyardindustries.com](http://www.stockyardindustries.com)

Vol 26. No. 2 February 2022 Australian Pork Newspaper PO Box 162 Wynnum 4178 Phone (07) 3286 1833 Email [ben@collins.media](mailto:ben@collins.media)



Papua New Guinea has been battling an African swine fever incursion since March 2020.

## Island neighbours funded to fight African swine fever

THE Australian Government has given Timor-Leste and Papua New Guinea a helping hand in their battle to respond and recover from devastating African swine fever outbreaks.



Agriculture Minister David Littleproud.

Minister for Agriculture and Northern Australia David Littleproud said Timor-Leste had received \$180,000 and PNG had received an extra \$205,000 to help combat the effects of the highly contagious virus and mitigate future outbreaks.

"African swine fever hit Timor-Leste in September 2019," Minister Littleproud said. "Between ASF and severe flooding that has blighted the country, Timor-Leste has lost more than 100,000 of its 420,000 pigs. "PNG has been battling

an ASF incursion since March 2020. "We understand how the animals play a vital cultural and economic role in both countries and the serious effects these outbreaks are having on their communities and livelihoods."

In Timor-Leste, around 72 percent of urban and rural households keep pigs. Around 600,000 households in the PNG highlands rear about 1.8 million pigs, producing close to 27,000 tonnes of pig meat annually.

"With Australia's support, the Timor-Leste and PNG governments can continue the fight against

ASF and other important animal diseases," Minister Littleproud said.

"Timor-Leste will use funds to increase linkages between animal health extension officers and farmers and encourage the adoption of ASF-safe pig farming practices. "PNG funds will maintain essential road checkpoints, deploy field teams to respond to ASF disease reports and reinforce biosecurity messaging amongst smallholder farmers."

The support is funded under the government's \$58.6 million ASF biosecurity response package.

ASF and other important animal diseases," Minister Littleproud said. "Timor-Leste will use funds to increase linkages between animal health extension officers and farmers and encourage the adoption of ASF-safe pig farming practices. "PNG funds will maintain essential road checkpoints, deploy field teams to respond to ASF disease reports and reinforce biosecurity messaging amongst smallholder farmers."

The support is funded under the government's \$58.6 million ASF biosecurity response package.

ASF and other important animal diseases," Minister Littleproud said.

"Timor-Leste will use funds to increase linkages between animal health extension officers and farmers and encourage the adoption of ASF-safe pig farming practices. "PNG funds will maintain essential road checkpoints, deploy field teams to respond to ASF disease reports and reinforce biosecurity messaging amongst smallholder farmers."

The support is funded under the government's \$58.6 million ASF biosecurity response package.

ASF and other important animal diseases," Minister Littleproud said.

## Safe pork supply chain

AS this is the first of my columns for 2022, I'd like to begin by wishing you all a happy new year and extending my best wishes for the year ahead – during which I look forward to working on behalf of and closely with many of you.

This year has certainly shown no signs of calming down, with the most obvious issue facing the pork supply chain in January being the Omicron variant.

I'd like to start by acknowledging our industry representatives and our state pork organisations who have been working diligently to communicate, advocate and support producers.

The APL policy team continues to convey to government the urgent workforce issues, the need for consistency across jurisdictions and provision of subsidised rapid antigen tests for agriculture and regional areas.

To ensure we are doing our part to create an efficient world-leading and safe supply chain, we encourage all producers to monitor health guidelines and have contingencies and COVID-19 safe plans in place to minimise impacts.

As we are encouraging with our team internally, please urge your staff to ensure they are vaccinated with boosters as soon as they are able.

We were expecting the supply of RATs to increase towards the end of January, and I would encourage businesses review their state government websites in case access arrangements are in place.

There has been a lot of discussion in the media and across many sec-



Point of View

by MARGO ANDRAE CEO



tors as to the best way to use RATs, with a surveillance system on one end of the scale and a more sustainable process of testing when symptomatic or knowing a close contact on the other.

We should all be using RATs responsibly and mindfully and we continue to call on government to share clear guidelines around what that entails for all.

In addition to vaccines and keeping up to date with new information, this is key to a healthy and sustainable workforce.

Herd health continues to be a priority for the Australian pork industry in 2022.

Maintaining Australia's African swine fever free status remains front of mind, as we continue unfortunately to see new cases reported worldwide.

At the time of writing, ASF had been detected in a surface swab sample collected at a slaughterhouse in Thailand, marking the country's first official confirmation of the disease.

Further abroad, northern Italy recorded seven cases of ASF in January.

Our team remains focussed on preparedness and there are some great biosecurity resources

available on the [australianpork.com.au](http://australianpork.com.au) website.

On a lighter note, as you read this, our 'Get some pork on your fork' advertising campaign will be live, and we're excited by the objectives underpinning this campaign.

Given the current disruptions to the supply chain – both planned and unplanned – our marketing team have worked hard to identify how we can segment the group of Australians with the greatest potential to build growth in demand.

The team have targeted young families with children and are aiming to equip them with inspiration and confidence to cook with pork during the week for easy delicious dinners.

We've been encouraged by the preliminary advertising testing results and completely back the expertise of the team to deliver on our goals with this campaign.

I look forward to discussing the outcomes and shifts later in the year.

Regarding all the issues covered above, we will regularly update our website with timely specific information for the pork industry.

In the interim, if you have any questions or concerns, please reach out to us. 🐷

**STOCKYARD SPECIALISE IN AUTOMATED FEED SYSTEMS FOR ANY REQUIREMENTS, CONTACT US TODAY**



FLEX-VEY

DRYRAPID DR1500



**STOCKYARD INDUSTRIES**

[www.stockyardindustries.com](http://www.stockyardindustries.com)

**Pork Industry Calendar of Events**

**2022**

**FEB 23** – Queensland Pig Consultancy Group (QPCG) Industry Day ‘Building Resilience in a Changing World’ Toowoomba

**APR 18-20** – United Pork America’s – Orlando, United States [www.unitedporkamericas.com](http://www.unitedporkamericas.com)

**APR 26-29** – Anuga FoodTec – Cologne, Germany [www.anugafoodtec.com](http://www.anugafoodtec.com)

**MAY 15-17** – Pork Production, Poultry Information Exchange and Australasian Milling Conference (PIX/AMC) – Gold Coast [www.pixamc.com.au](http://www.pixamc.com.au)

**JUN 21-24** – International Pig Veterinary Society Congress – Rio de Janeiro, Brazil <https://ipvs2022.com/en>

**AUG 19-21** – Kingaroy Baconfest 2022 [www.kingaroybaconfest.com.au](http://www.kingaroybaconfest.com.au)

**2023**

**NOV 13-16** – Australasian Pig Science Association (APSA) Conference [www.apsa.asn.au](http://www.apsa.asn.au)

**How to supply event details: Send all details to Australian Pork Newspaper, PO Box 162, Wynnum, Qld 4178, call 07 3286 1833 or email: [ben@collins.media](mailto:ben@collins.media)**

**[porknews.com.au](http://porknews.com.au)**  
**07 3286 1833**

# Assisting newborn piglets to increase survival and growth

IT is essential to provide assistance to piglets in order to maximise their survival and growth.

Indeed, newborn piglets are most vulnerable due to low birth weights, lack of energy reserves and

poor immune protection, and this situation has worsened with the current use of hyperprolific sow lines.

The incidence of intra-uterine growth-restricted piglets – that are even more susceptible to

death – is also greater in these litters due to overcrowding in utero.

These IUGR piglets show a typical dolphin-like head shape because of undernutrition and have a poorer capacity for ingestion and utilisation of colostrum after birth.

Various nutritional strategies can be used in gestation and prior to farrowing to help suckling piglets.

Supplementary feeding of the amino acid arginine in gestation may improve nutrient supply to the placenta and increase piglet birthweight.

Feeding a source of n-3 polyunsaturated fatty acids such as fish oils in late gestation to stimulate foetal brain development and vigour of piglets at birth can decrease the interval between birth and first suckling.

This is most important, knowing that the early intake of 250g of colostrum is crucial for survival and growth of piglets.

Recent findings showed that body condition of gilts at the end of gestation must be considered to achieve optimal sow

lactation performance.

A gilt that is too thin – 12-15mm backfat thickness at the P2 site of the last rib on day 110 of gestation – has less milk-secreting tissue (parenchymal tissue) in her udder than a gilt with 17-26mm backfat.

This difference was achieved by feeding varying amounts of feed throughout gestation – 1.30, 1.58 or 1.83 times the maintenance requirements.

Body condition is also important for colostrum yield.

Sows with moderate body conditions of 17-23mm backfat produced more colostrum – 4.0kg versus 3.2kg – compared with fat sows with less than 23mm backfat.

Feeding during the transition period, starting on day 108 of gestation, has received quite a bit of attention recently.

The amount of energy reserves of sows at the time of farrowing has a great effect on farrowing duration and on the incidence of piglet hypoxia and stillbirths.

One must therefore maximise energy intake of pre-parturient sows.

This can be achieved in various ways – such as increasing energy intake (33.8MJ versus 28.2MJ NE/day), feeding a readily available energy source, feeding a high-fibre diet to prolong energy uptake via hind-gut fermentation or feeding sows three times per day.

Farrowing duration and stillbirths were shown to increase if the sow had not eaten in the 3.1 hours preceding farrowing.

Lastly, management strategies during farrowing and lactation are needed to maximise piglet performance.

Farrowing supervision and piglet assistance at birth – drying, placing close to a teat, providing an extra source of energy to low birthweight piglets, split-suckling, cross-

fostering – will help decrease piglet mortality.

It is important to know that sows do not produce enough milk to sustain maximal growth of their piglets.

A teat that is not suckled in first lactation will produce less milk in second lactation.

Primiparous sows should therefore have all their teats suckled for the first 48 hours after farrowing in order to maximise milk yield in the subsequent parity.

Also ensure there are enough teats for all the piglets and if that is not the case, the use of nurse sows or providing artificial milk can prove beneficial.

Artificial rearing of a whole litter should only be used when piglets cannot be reared by their own dam, keeping in mind their growth rate will be slower than that of sow-fed piglets, taking five more days to reach market weight.

The present situation of high litter sizes makes it crucial for producers to use specially adapted strategies that will assist the newborn and suckling piglets to attain optimal growth and survival.

The above summarises a presentation made at the Australasian Pig Science Association bi-annual meeting held in Brisbane in November 2021.

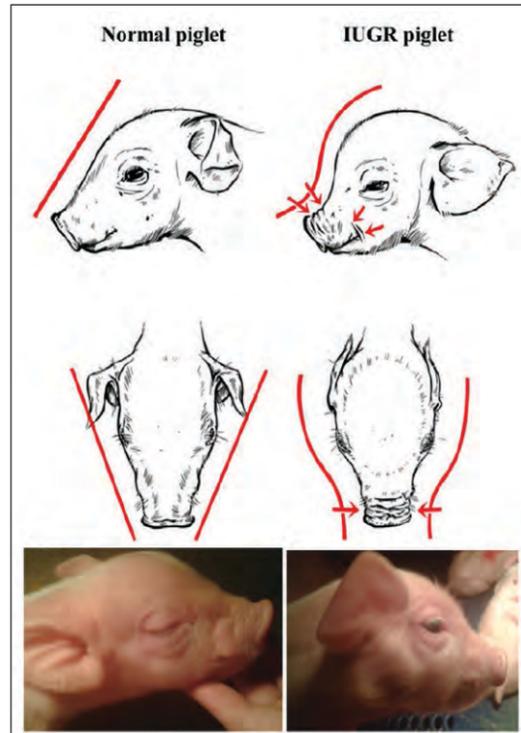


Figure 1. Typical dolphin-like head shape of intra-uterine growth-restricted piglets.

	LOW	MEDIUM	HIGH
Parenchymal tissue <sup>1</sup> , g	1059 <sup>a</sup>	1370 <sup>ab</sup>	1444 <sup>b</sup>
- dry matter, %	38.4	40.8	42.5
- fat, %	62.8	65.9	68.2
- fat, g total	255 <sup>a</sup>	367 <sup>b</sup>	394 <sup>b</sup>
- protein, %	45.1 <sup>a</sup>	31.3 <sup>ab</sup>	29.4 <sup>b</sup>
- protein, g total	14.9	176	179
- DNA <sup>2</sup> , mg/g	10.9	10.0	9.0
- DNA, g total	4.4	5.6	5.4

Table 1. Mammary gland composition on day 110 of gestation for gilts fed various amounts of a gestation diet to achieve low backfat (Low 12-15 mm), medium backfat (Medium 17-19 mm) or high backfat (High 21-26 mm) at the end of gestation.

1 – Contains the epithelial cells that synthesise milk.

2 – Indicative of the number of cells present.

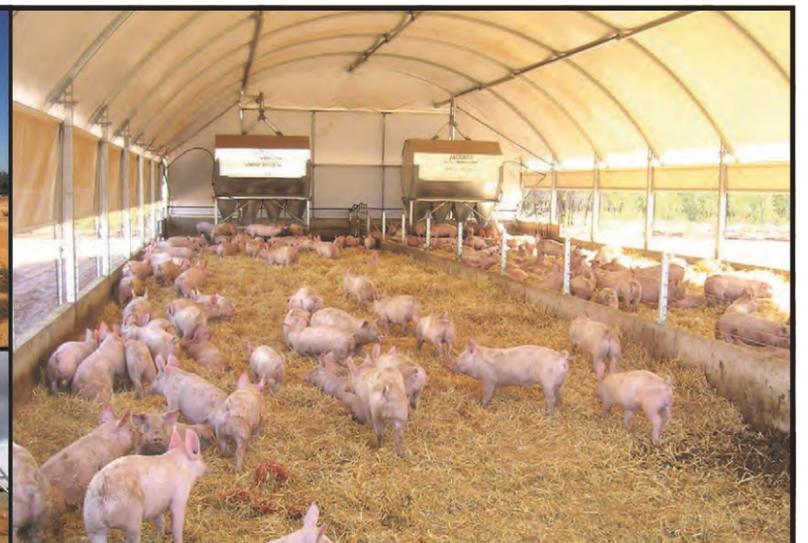
a b – Means within a row with different superscripts differ significantly from each other.



Chantal Farmer PhD, Agriculture and Agri-Food Canada.

## Animal Shelters

- 8 – 15m clearspan
- Landmark TS2C™/Armoutex 400™
- C450 Grade Steel
- Easy Roll Blinds
- Australian Made

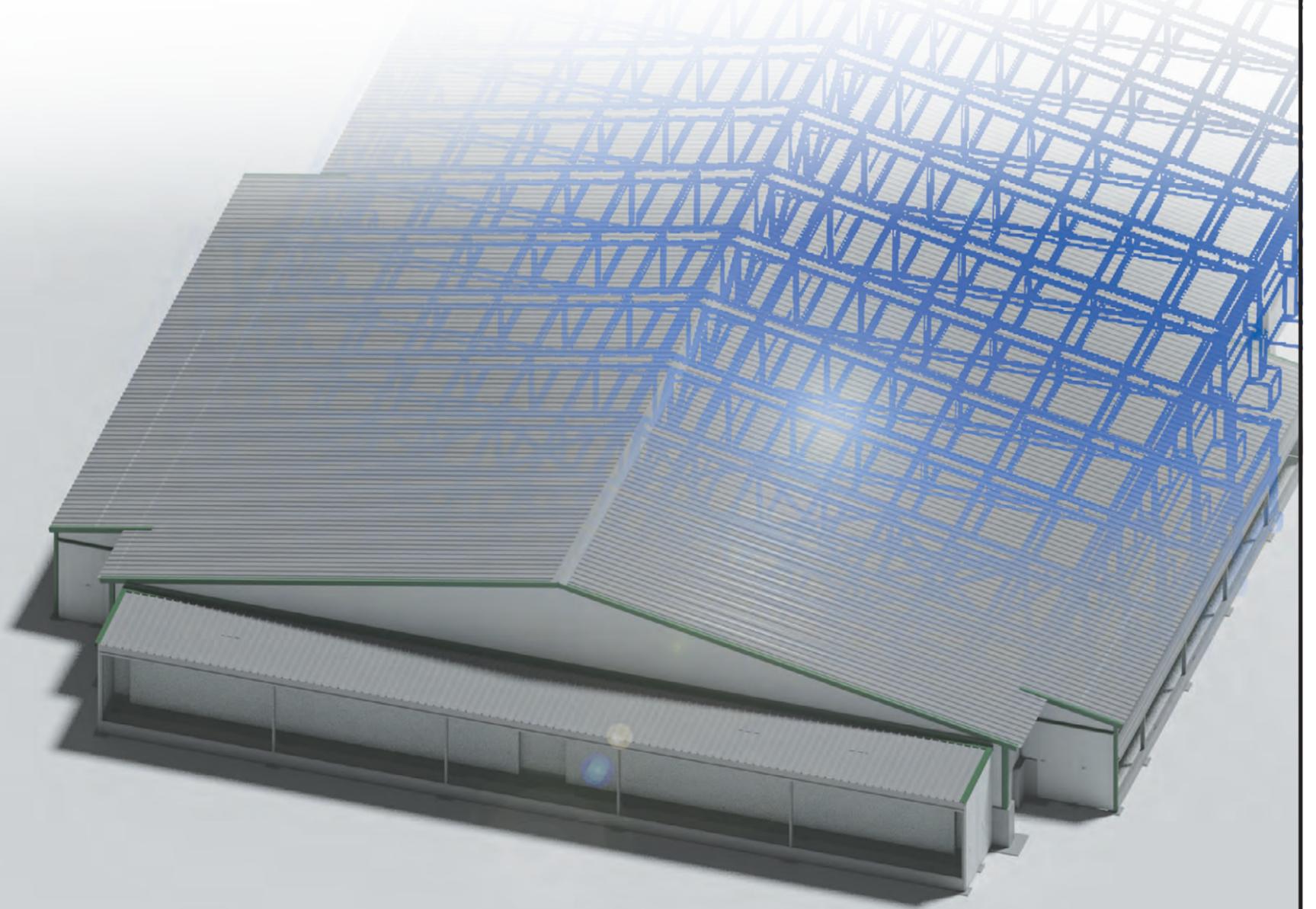


08 8531 2700

[sales@jacksonsaustralia.com](mailto:sales@jacksonsaustralia.com)

[jacksonsaustralia.com.au](http://jacksonsaustralia.com.au)

# PREMIUM PIG HOUSES



- > **Designed in France for Australia**
- > **Quick and easy local construction**
- > **Premium construction materials**
- > **Minimises feed consumption**
- > **Maximises meat production**
- > **Reduces energy consumption**
- > **Easy cleaning and maintenance**

C-LINES produce a premium range of buildings for pig production. Designed in France to the highest standards, they offer the best performance in biosecurity, environmental control and animal welfare. With minimal energy consumption and easy maintenance, C-LINES are the place to go for your next pig house.

  
**C-LINES**

[www.c-lines.com](http://www.c-lines.com)

To find out more contact Peter Lutterschmidt.  
Email: [Peter.Lutterschmidt@agcocorp.com](mailto:Peter.Lutterschmidt@agcocorp.com)  
Tel: 0429 653 315

  
AGCO  
Your Agriculture Company

GRAIN & PROTEIN



Roger Campbell is as comfortable in a processing plant as he is on a pig farm or in a laboratory.



The author with Graeme Crook and Tabitha Alexa of Alexa Piggeries in Queensland, relaxing at the 2014 Pan Pacific Pork Expo.

## Profiling prominent pork people

# BC@PR

Delivering Specialist Agribusiness Public Relations Skills that will build your business, enhance your brand, promote your products and sell your services, all backed by unsurpassed professionalism, experience and track record.

Contact Brendon Cant

M 0417 930 536 E brendon@iinet.net.au

FOR some reason I recently reviewed my 2008 Australian Pork Newspaper columns – beginning appropriately with January and February.

Both featured pork personalities of the Western Australian variety.

This year I've widened my net to catch three national identities, all of whom have made, and continue to make, significant contributions to Australia's pork industry.

Before I do, however, here's who I highlighted back in 2008 and the organisations they were aligned with.

Worth noting is that many have relocated – some for greener pastures, some for retirement, some have sadly passed and some were moved on:

- Dr Bruce Mullan – Department of Agriculture and Food Western Australia

- Dr Chris Brennan – producer and Australian Pork Limited board member

### Cant Comment by BRENDON CANT



- Russell Cox – West Australian Pork Producers Association executive officer

- Brad Thomason – D'Orsogna managing director

- Ron Penn – Perth Pork Centre general manager

- Daph Kavanagh – Australian Pork Limited

- Graeme Dent – West Australian Pork Producers Association president

- Chris Keene – former producer and former West Australian Pork Producers Association president

- Dr Rob Wilson – Wandalup Farms general manager

- Reg Maddock – 'Dandanning' Mukinbudin

- Graham Smythe – former Watsons Livestock manager

- Lou Giglia AM – Westpork chair

- Neil Ferguson – Westpork general manager

- Dr Kim Nairn – Portec veterinarian and producer

- Errol Howard – Wannahall producer

- Dr Darryl D'Souza – Australian Pork Limited research and innovation general manager

- David Chown – Serpentine producer

- Richard Evison – Great Southern Pig Company production manager.

As we move into 2022, the three pork personalities top of my mind – for no particular reason and in no particular order – are:

**Greig Smith, managing director at D'Orsogna**

Appointed MD of this leading Australian smallgoods manufacturer in June 2019, Greig's management style is collaborative – at least from what I've observed at quite close quarters.

He brings out the best in the company's employees by empowering them, while leading, encouraging and educating at the same time.

A strong character and modestly confident, Greig is very grounded.

He values family values

and that aligns well with the values of the 70-year old family business he runs.

He's been at the helm for the two-year life (so far) of the COVID-19 pandemic, which has limited travel between the D'Orsogna headquarters in Western Australia and its Melbourne production facility.

A challenging time for Greig, but one he's managed by seamlessly adopting functional technologies, appropriately delegating, and thinking and acting strategically.

**Roger Campbell, director at RG Campbell Advisory**

Not only one of the pork industry's great characters, but also a profound contributor to the sector.

I'm proud to list Roger as a mentor of mine.

During my 10 or so years managing communications for Pork CRC, he was its chief executive officer.

Under his 13-year stewardship of Pork CRC, Australia's research into pig welfare, pig health, pork eating quality and the environmental impacts of pork production, led the world.

Roger effectively and, for the most part, smoothly transformed pork research from the

laboratory and into the hands of consumers, veterinarians, producers, businesses and more.

As all who know him acknowledge, Roger loves to talk pigs, pork, science, sauvignon blanc, Collingwood and golf – so, if you're into any of those topics, give him a call on 0407 774 714.

**Graeme Crook, founder and chief executive officer of Striped Technologies**

I worked closely with Graeme when he was the Pork CRC research manager.

It was always a pleasure.

With his background in zoology and information technology blending the best of both worlds, these days he brings a holistic perspective – from ideas and proposal development, project facilitation and management, and identifying grants and funding opportunities to delivering outcomes that benefit his diverse client portfolio.

I understand Graeme is currently working on a unique naturally developed rat repellent technology called RatBlok, with possible applications for other pest species, including feral cats and foxes.

He is also busy with Western Australia-based data analytical company InterpreData, plus several projects relevant to the pork industry – from traceability to benchmarking, product development and innovations.

If you think Graeme can assist you and your business, give him a call on 0417 805 422.

He's always up for a chat. ☺

# AUSSIE GMP

Aerator or effluent pump ... it can be both



2"-4" 316 cast stainless steel for corrosion resistance

- Self-prime from 6m
- Flows to 2,100 lpm
- Heads to 55m

**Your Effluent Solution**  
For less than you think!

Australian Pump Industries

**02 8865 3500**

www.aussiepumps.com.au



**Greig Smith, managing director at D'Orsogna**

Appointed MD of this leading Australian smallgoods manufacturer in June 2019, Greig's management style is collaborative – at least from what I've observed at quite close quarters.

He brings out the best in the company's employees by empowering them, while leading, encouraging and educating at the same time.

A strong character and modestly confident, Greig is very grounded.

He values family values



Greig Smith surrounded himself with a smallgoods smorgasbord in 2019 when appointed D'Orsogna managing director.



# econoclad®

## High Performance Insulated Roofing

### The first choice for economic focussed thermal construction

EconoClad® is a high performing and low cost roofing or walling insulated panel suitable for industrial and commercial cladding. EconoClad® has a non-ozone depleting fire-retardant PIR core bonded between a hi-tensile Colorbond® steel roof and a silver/white thermal foil on the ceiling underside. EconoClad® is a fast, economical and practical roof or wall cladding option.

### External Layer

Superior low pitch of 2° minimum  
Available in thermally efficient and modern colours  
Australian made and proven **Colorbond** steel  
Spans up to 16 metre maximum

### Insulation Layer

Outstanding thermal performance  
Choose from 25,40,60,80 and 100mm core thicknesses  
Does not suffer compression or thermal performance loss  
R values from 1.15 to 4.55

### Internal Layer

Silver foil or white vinyl ceiling underside  
Allows for easy maintenance



### Better controls, better results

EconoClad® roofing and walling assists in temperature control through impressive R-values via its insulated PIR core. Perfect for producers looking for food to body mass conversion rates.

### Healthy & big weaners

Fight disease and influenza with fast maintenance/cleaning with easy washdown of facilities. Quarantine and cleaning process is faster than built up insulation options.



**1300 300 099**

[www.bondor.com.au/econoclad](http://www.bondor.com.au/econoclad)



Build Better

# Piggery pumps pros and cons

## ■ Submersible or surface-mounted pump advantages

THIS is a continuation from the January article.

### Material options

Pump people understand that corrosion is a major issue in piggery effluent.

It's not only the effluent itself but also some of the chemicals and caustics that are involved in the routine cleaning processes.

The standard material for Aussie Pumps self-primers is high spheroidal graphite cast iron.

Impellers are also cast iron as standard, with big open vanes designed to handle solids in suspension.

Aussie Pumps chief engineer John Hales said, "Where material is particularly corrosive, we have installed 316 stainless-steel impel-

lers in cast-iron pumps with terrific results."

"The impeller will last a lifetime and the extra features built into the Aussie Pumps trash pumps include silicon carbide mechanical seals with counter face, a 316 stainless-steel motor shaft and stainless-steel wear plate built into protect the pump body form wear."

### Bronze or stainless

For even more corrosive applications, nickel aluminium bronze – used normally in marine applications – is the standard product for these pumps.

The 316 stainless-steel option is also available up to the big B4XR-A 4".

Though these stainless-steel pumps were originally developed for Australia's mining industry, they are suited to various applications

in a wide a range of duties, such as handling aggressive liquids in the form of whey and waste wash water in milk processing plants to super aggressive applications in piggeries, sale yards and even abattoirs.

"Big 316 stainless-steel self-primers are virtually indestructible," Mr Hales said.

"You never have to worry about corrosion or even consider abrasion as a factor in wear."

### High head too

Aussie Pumps also developed a range of 3" high head semi-trash pumps for applications involving the transfer of effluent from the pit to either remote effluent ponds or tankers waiting to process the material for fertiliser.

These pumps start out in the 4kW range and

offer heads as high as 35m or 50psi.

The upper end of the range features flow of 1250LPM with 19mm solids handling capability and the ability to produce heads up to 78m – over 100psi.

Performance curves, pump specifications and reasonable prices – compared to imported pumps from the US – make these units very attractive for piggery applications.

As part of the Aussie GMP product range, they're backed by a three-year warranty and are all made from components sourced from developed countries.

A free brochure explaining the advantages of self-priming surface pumps over submersibles is available from [aussiepumps.com.au](http://aussiepumps.com.au)



The new APL value-added content aims to create workroom-ready practical recipes that focus on gaps in the market within butcher shops and their pork offering.

# APL program inspiring butcher shop owners

AUSTRALIAN Pork Butchers is a free program resourced by Australian Pork Limited dedicated to providing insights, resources and marketing material to support the sale of pork within retail butchers.

The past year has seen an overhaul for the program, with a shift to focus on creating a supportive community and unlocking new communication channels.

APL has also been focussed on developing practical resources, which can be converted into purchase and consumer in-store marketing material that entices the consumer to try pork.

The program aims to communicate directly to retail butchers and their consumers.

This unique approach helps overcome the barriers butchers might face in selling pork, then integrating the hurdles to provide a solution of more pork on forks.

The introduction of the Australian Pork Butchers Facebook group was an interactive extension of the successful weekly e-newsletter with snapshot insights, industry updates, marketing advice and an additional platform to showcase their own suc-

cesses with pork to inspire others.

The online community allows two-way communication with the APL team and unlocks access to more members of the industry to engage with the program.

The average Facebook engagement rate across all industries is only 0.08 percent, however the Australian Pork Butchers group has an engagement rate of 13 percent – well above the industry benchmark.

In-store marketing remains a priority for the program, establishing a year-round presence to stay front of mind for consumers.

To enhance this throughout the year, APL launched an additional mid-year pork point of sale kit in 2021 – supporting the everyday consumption of pork.

The kit focussed on versatility, with consumer education around quick simple everyday recipes and pork cuts.

The butchers' POS kits were promoted through trade media also, with newly created Christmas POS imagery and recipes running in national media outlets in November and December.

APL market research has

revealed a lack of grab-and-go and value-add options within local butchers.

The new value-added content aims to create workroom-ready practical recipes that focus on gaps in the market within butcher shops and their pork offering.

Value-added recipes prove to be an effective introduction to pork for the unfamiliar customer, helping to increase the conversion to purchase pork.

The new range was such a success that a top 20 recipe book was created as an added resource, available for free through the program.

The value-added recipes are available on the website at [www.porkbutchers.com.au/recipes](http://www.porkbutchers.com.au/recipes)

APL are now looking at 2022 being a year of growth and strength within the pork community.

We will continue to foster our connections, build on resources and garner butcher support.

If you know of a butcher in your area who you think would benefit from the program, point them in our direction.

Check out the website or contact [porkbutchers@australianpork.com.au](mailto:porkbutchers@australianpork.com.au)

**Sandra Hill**  
APL Retail Category Manager



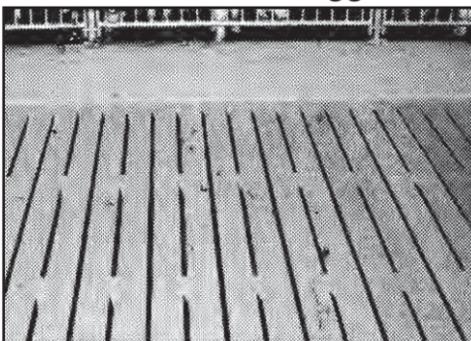
Aussie Pumps 316 self-priming stainless-steel GMP pumps, ideal for the most corrosive of applications.

# Anti-slip Self Supporting Triangle Hot Dipped Galvanised Flooring



Excellent quality  
Concrete Slats for Piggeries

Galvanised flooring in all sizes up to 2.8m



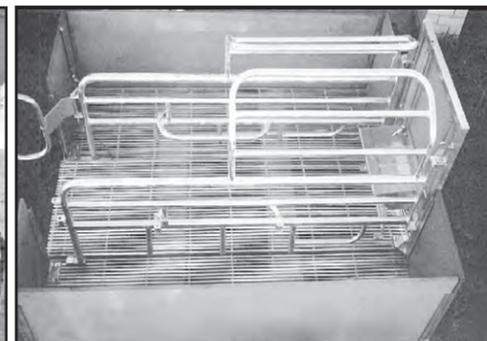
■ Farrowing and weaner crates, growers and baconer pens. ■ Feed hopper with stainless steel trough.



■ Farrowing flooring with a 10mm gap; weaners flooring with a 12mm gap; and growers flooring with a 15mm gap.



Diagonal Farrowing Crate.



Straight Farrowing Crate.

## Vereyken Brothers Pty Ltd

Ph (02) 6644 6065  
Mobile 0437 431 901 | Email [sales@vereyken.com.au](mailto:sales@vereyken.com.au)  
2 Clark Rd, Junction Hill • PO Box 421, Grafton NSW 2460

**ALL FLOORING IS MADE TO SIZE AT NO EXTRA COST**

Head Office: Vereyken Bros. Pty Ltd  
ABN 11 003 543 548

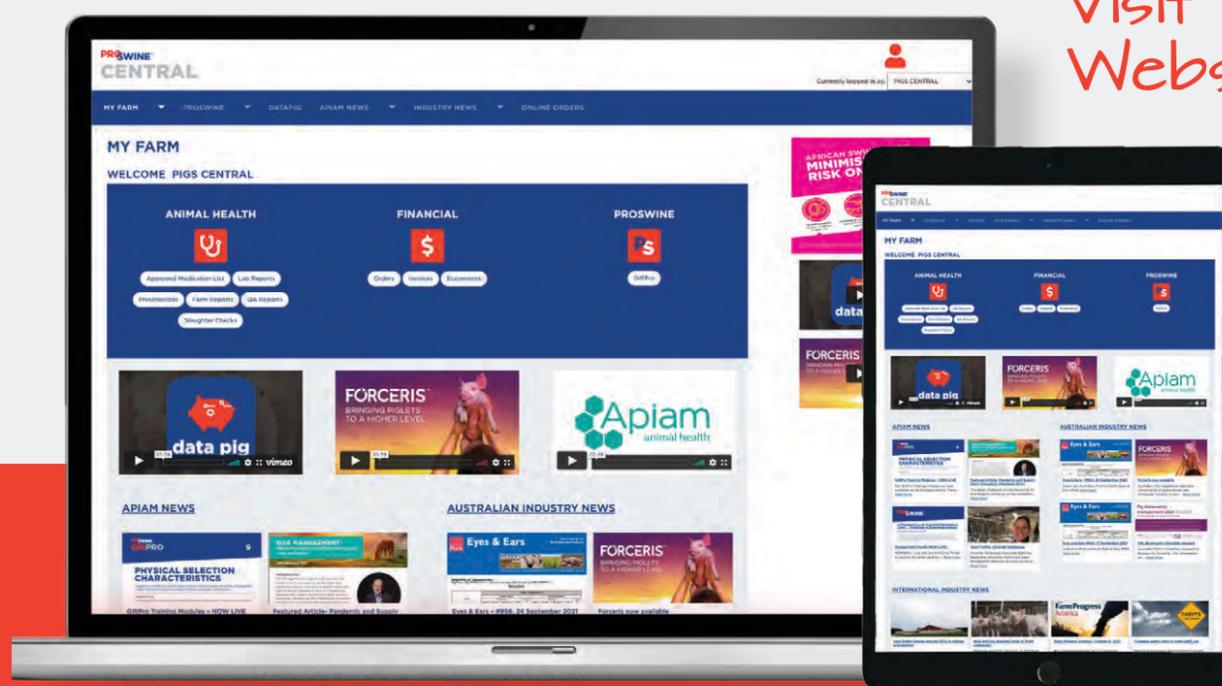
Anytime or (02) 6644 6065  
Mobile: 0437 431 901

Victoria: Ben Slots  
Freecall: 1800 999 245

Phone: (03) 9462 4266  
Mobile: 0418 388 842

# PRO SWINE<sup>®</sup> CENTRAL

## YOUR CENTRAL POINT FOR EVERYTHING SWINE



Visit the ProSwine  
Website



SCAN ME

- LOCAL AND GLOBAL NEWSFEEDS
- ONLINE SHOP – FAST DELIVERY

## APIAM VETERINARY CLIENTS ADDITIONAL BENEFITS:

- APIAM SWINE SERVICES AND SUPPORT HUB
- ONLINE HEALTH AND PRODUCTION RESOURCES
- ACCESS TO FEATURE ARTICLES

PROSWINE.COM.AU

proswine@apiam.com.au



# Supporting a future of higher welfare learning

WHEN it comes to making the world a better place for farm animals, consumers play an influential role.

We have the power to communicate with companies and brands our preferences through the products we buy.

This means that if you choose to eat meat, eggs, dairy or fish, you are an important driver of change for farm animal welfare.

Every year, hundreds of millions of animals are farmed in Australia to meet demand for food.

In 2020, more than 660 million of these animals were meat chickens.

The RSPCA has shared the journey it has been on, working with farmers, retailers and well-known brands through the RSPCA Approved farming scheme to improve animal welfare for Australian meat chickens.

With the uptake of our animal welfare standard across the industry, we've seen increased space per bird, better lighting, good litter quality and the provision of perches and enrichment for more than 3 billion meat chickens since 2010 – that's huge!

We know our work is far from finished and there is more that can be

done to continue to improve animal welfare.

Our best chance at doing this is by incrementally raising the bar within our standards, while keeping farmers participating in the scheme.

As public awareness and consumer and retailer demand for better farm animal welfare grows, we are confident that we will see more improvements within the industry.

Your role as a consumer

While a growing number of Australians are looking for plant-based alternatives, the majority continue to include products from animals in their diet.

It is therefore crucial that animal welfare is a leading consideration when farming animals into the future.

If you choose to eat meat, eggs and fish, here's how your support for farmers and brands that care about farm animal welfare has a flow-on effect, leading to more animals being farmed to higher welfare standards.

Being a driver of change

Ultimately, consumers are the driving force for change.

It's important to remember that farming to higher welfare stand-

ards generally has more overhead costs, is more labour intensive and uses less animals, making production more costly.

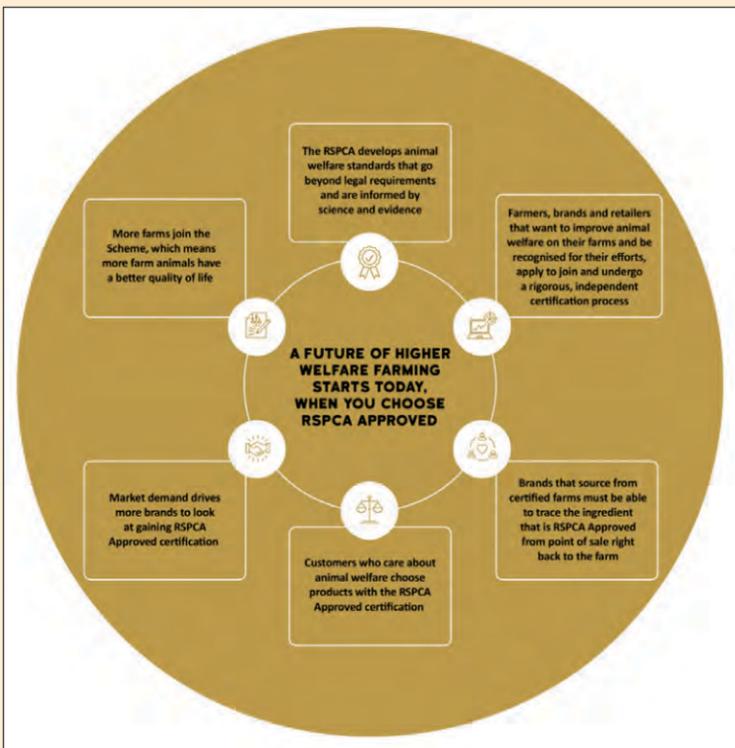
When it comes to buying higher welfare chicken, Australians are in a fortunate position.

With the industry's extensive uptake of the RSPCA standard and the hard work by farmers across the country, chicken that's farmed to higher welfare standards has never been more accessible.

Our success in the meat chicken industry is something we can be very proud of, but we need continued support to see more egg-laying hens and pigs farmed to higher welfare standards.

So, if your favourite brand doesn't have RSPCA Approved eggs or pork, get in touch and let them know that animal welfare is important to you.

Explore what the scheme means for animals and the journey the RSPCA has been on for the past 25 years at the new immersive impact webpage – [rspcaapproved.org.au](http://rspcaapproved.org.au) – all of which has been possible because caring Australians support a future of higher welfare by choosing RSPCA Approved. 🐷



If your favourite brand doesn't have RSPCA Approved eggs or pork, get in touch and let them know that animal welfare is important to you.



APL chair Andrew Baxter and pork ambassador Mitch Edwards recording a Next on the Menu podcast episode.

## Next on the Menu Season Two

AUSTRALIAN Pork Limited's podcast series *Next on the Menu* returned in 2021 among a fresh wave of COVID-19 restrictions and lockdowns in Australia, tackling once again the new, existing and uncertain challenges facing the industry.

APL chair Andrew Baxter and pork ambassador Mitch Edwards joined again as co-hosts, speaking with a guest line-up of food and agriculture innovators and heavy hitters.

Over the seven-episode series, guests highlighted the need for preparedness, adaptation and embracing future technologies to see pork producers thrive in years to come.

New Zealand-based futurist Melissa Clark-Reynolds kicked off the season with predictions around animal vaccination advancement as a direct result of the swift process to protect the community against COVID-19.

Ms Clark-Reynolds also focussed on regenerative agriculture as an industry prerequisite with the rise of savvy consumers looking to how soil can potentially capture carbon and give back to the land.

Further, an increase in

demand for 'nose to tail' use of farmed animals – including collagen production, leather, alternative milks and pet food – gained in popularity through COVID-19 lockdowns.

One of Australia's most influential technology entrepreneurs, Adrian Turner showcased the innovation underway in the local pork industry in response to rising biosecurity risks.

He urged the need for preparedness, utilising technology such as ExoFlare – a project Mr Turner has collaborated extensively with APL on to create a data-driven biosecurity risk management system for pork farms.

Anne Greven of Rabobank's 'FoodBytes!' platform spoke to the podcast on the topic of new technology that provides data-driven insights into the transportation of product.

Ms Greven thinks this will assist supply chain efficiencies around global freight, given the geographic location of Australia.

For the producer, low-cost technologies that assist with margin are paramount now and into the future, and Ms Greven is excited to see those technologies embraced more widely.

Episode four – our most

downloaded to date – featured UK-based Professor David Hughes, also known as 'Dr Food'.

Prof Hughes brings unparalleled knowledge of global food issues and opportunities, and he emphasised that pork producers need to be on the front foot and remain agile to embrace new opportunities, so they may capitalise as the market diversifies.

Prof Hughes noted the rise of ultra-fast delivery of convenience items over the traditional supermarket, as well as meal-kit businesses such as Hello Fresh overtaking the market share of supermarkets globally.

Hughes discussed shopper demand for authentic producer story-telling to address environmental and animal welfare concerns.

Brodee Myers-Cooke, editor-in-chief of Australia's biggest food platforms [taste.com.au](http://taste.com.au) and [bestrecipes.com.au](http://bestrecipes.com.au), reminded us that the media influences all we do and how we think as consumers.

This is also true for social media, with the rise of channels such as TikTok for food inspiration.

Ms Myers-Cooke draws attention to the consumer trends and demands currently circulating.

Less to do with the individual ingredients that were a focus in the past, there is a noted shift towards the appliances a shopper owns and how consumers are cooking at home.

Ms Myers-Cooke notes the trend from the pie-maker through to the slow cooker and air fryer (great for pork belly), and the pandemic and lockdowns driving this evolution in the home.

She discussed with the hosts how consumers are thinking about flavour profiles and the ingredients required for meal creation – moving away from the classic 'meat and three veg' approach.

Ms Myers-Cooke suggested pork can be the hero in this new approach to cooking, the protein bringing the family together at the dinner table.

Pork has the opportunity to embrace diverse flavour profiles and cooking aids such as the air fryer to broaden appeal to consumers.

All seven episodes of *Next on the Menu* Season Two, as well as Season One, are available via [australianpork.com.au/our-podcast](http://australianpork.com.au/our-podcast) or your favourite podcast platform. 🐷

## JBS Australia officially acquires pork producer

JBS Australia is pleased to announce it has completed its acquisition of 100 percent of Rivalea Holdings Pty Ltd and 100 percent of Oxdale Dairy Enterprise Pty Ltd – together, 'Rivalea' – from Singapore listed food company QAF Limited.

JBS Australia purchased Rivalea for an enterprise value of \$175 million.

JBS now officially owns Rivalea after receiving the required regulatory approvals from the Australian Competition and Consumer Commission and the Foreign Investment Review Board.

Rivalea Holdings owns two subsidiaries incorporated in Australia, namely Rivalea (Australia) Pty Ltd and is a majority shareholder in Diamond Valley Pork Pty Ltd.

JBS Australia chief

executive officer Brent Eastwood said he was excited to welcome Rivalea to the JBS group.

"Rivalea is a crucial part of Australia's pork supply chain and we believe we can work together to create an improved and more efficient pork processing business for Rivalea customers by using JBS's experience as a major meat and food processor," Mr Eastwood said.

"We look forward to working alongside Rivalea CEO Mick Hewat and the entire Rivalea team to continue to support high quality pork production for the Australian domestic and international export markets.

"JBS is proud to say we will be the last owner of Rivalea.

"JBS has a long and proud history of supporting and growing its Australian and New

Zealand businesses over the long-term, investing heavily in its local operations and domestic brands, while at the same time providing employment opportunities and supporting the regional economies in which we operate.

"We will employ this same locally-minded approach at Rivalea."

JBS will continue to provide kill services at DVP for customers and also grow the customer base.

"We have provided this assurance directly to all DVP customers in writing, to local pork groups including the Victorian Farmers Federation and to the ACCC," Mr Eastwood said.

Rivalea is a leader in the Australian pork sector with a strong team and track record of sustainable pork production.

JBS Australia is com-

mitted to building on these strong foundations and growing the business through new opportunities for Australian grown pork.

"We look forward to working closely with Rivalea's management and workforce, existing customers, and suppliers and contractors to achieve this," Mr Eastwood said. 🐷



JBS Australia chief executive officer Brent Eastwood said he was excited to welcome Rivalea to the JBS group.

Visit [www.porknews.com.au](http://www.porknews.com.au) to view the current edition as a digital flip book.

**Australian**  
**Pork**  
NEWSPAPER

[www.porknews.com.au](http://www.porknews.com.au)

# Precision Nutrition for Swine

Jefo offers non-medicated synergistic solutions for nutrition and health challenges, with a full range of programs for all life stages of each species.



**Jefocare**

## Health & Prevention

Improve swine gut health.



**Jefopeak**

## Production & Performance

Optimise energy and protein availability to improve performance, while reducing feed costs.



**Jefocycle**

## Reproduction

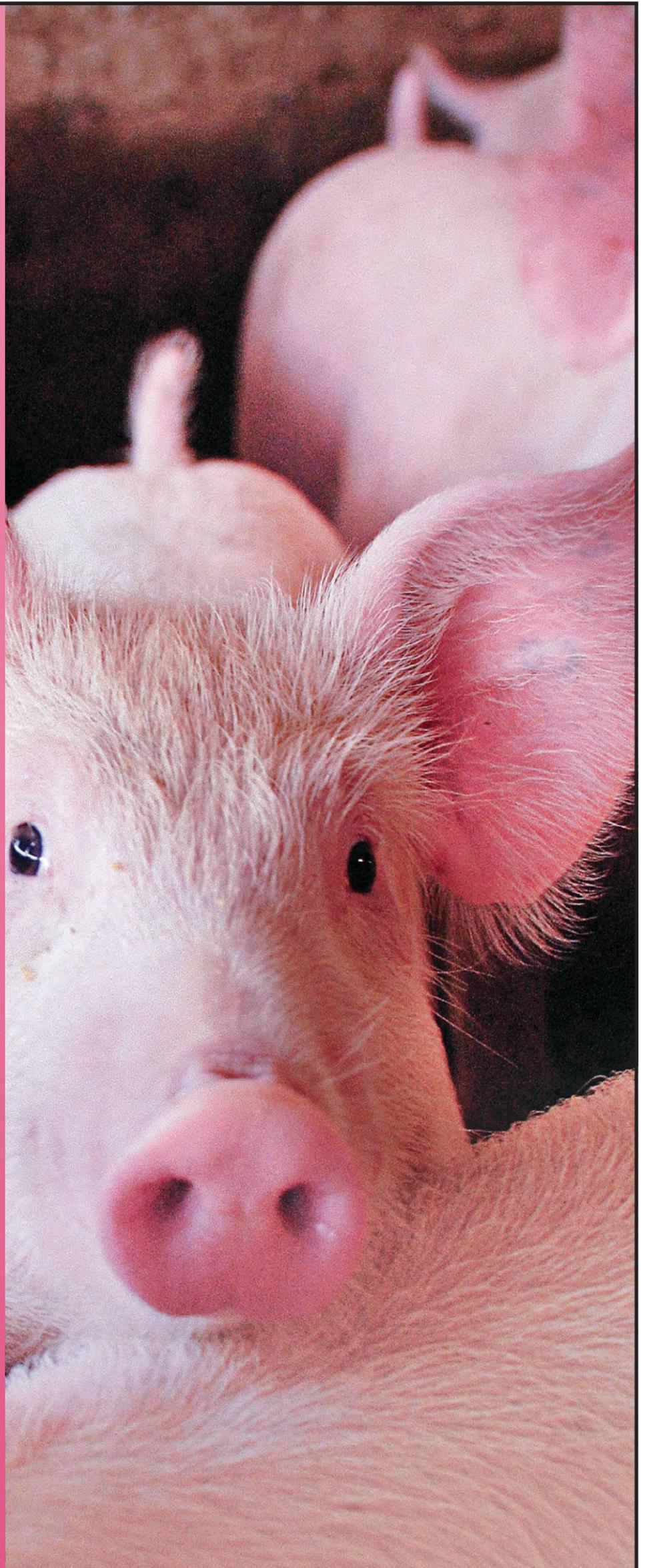
Improve reproductive tract health and sow productivity.



# Jefo®

Life, made easier.

[jefo.com](http://jefo.com)



For more information, contact your specialist :

Wayne Bradshaw : [wbradshaw@jefo.com](mailto:wbradshaw@jefo.com)

Johnny Barwary : [jbarwary@jefo.com](mailto:jbarwary@jefo.com)



Around 143,000 households own over 719,000 pigs and African swine fever poses a significant economic and cultural threat to these communities.



The assessment included face-to-face interviews by field teams.

# African swine fever study in Papua New Guinea

AN African swine fever assessment was undertaken in Papua New Guinea to evaluate the impact of ASF emergency response work in declared disease areas.

In the declared disease areas, around 143,000 households own over 719,000 pigs and ASF poses a significant economic and cultural threat to these communities.

The assessment – conducted by enumerators funded by Australia and New Zealand supporting the Pacific Horticultural and Agricultural Market Access Plus Program and National Agriculture Quarantine and Inspection Authority field officers – saw over 1700 surveys completed with 500 different households in all districts of Southern Highlands, Enga and selected districts of Jiwaka and Western Highlands Province.

NAQIA chief veterinary officer Dr Ilagi Puana said the exercise provided useful quantitative and qualitative data as well as socio-economic indicators that will assist in the long-term management of ASF.



**Pacific Horticultural & Agricultural Market Access Plus Program**

Supported by Australia and New Zealand

“This impact assessment assists our surveillance efforts to define the extent of the disease, detect new outbreaks and establish disease-free zones,” Dr Puana said.

“We continue to strengthen our containment and control around the infection sites so ASF does not spread beyond the highlands.

“This was done by installing strategic road checkpoints leading into and out of the infected areas and preventing movement of live pigs and pork out of the infected areas to potentially uninfected areas of PNG.”

Interviews with the 500 selected pig farming households were undertaken at least three times over a seven-month period, ending in August 2021.

This included one face-to-face interview by the field teams and subsequent surveys via telephone over the study period.

PHAMA Plus PNG country manager Sidney Suma said the exercise had a strong gender-focus in order to capture impact of ASF response activities on women, youth and people living with disabilities.

“Our field survey teams ensured the approach to data collection was appropriate for data collection from both men and women, with a target of 50 percent gender split,” Mr Suma said.

“Outbreaks of ASF in PNG will disrupt the livelihoods of livestock keepers, household producers, commercial farms and services providers

along the value chain.

“PHAMA Plus continues to support NAQIA in its response efforts, addressing economic losses, restoring confidence among pig owners and addressing gender and social challenges.”

The study commenced in areas where NAQIA had existing ASF response measures in place and had previously done work on awareness, containment measures and delimiting surveillance.

The field survey team collected samples from villages with ASF and neighbouring villages where the disease was not detected, for comparison.

NAQIA continues to implement its response to the outbreak of African swine fever.



Interviews with the 500 selected pig farming households were undertaken as part of the assessment.

## Danisco Animal Nutrition announces name change

DANISCO Animal Nutrition, a business unit of IFF Health and Biosciences division, has announced it has changed its name to Danisco Animal Nutrition and Health.

The move reflects the company’s ongoing commitment to expanding its portfolio of science-led animal health solutions across global markets.

Danisco Animal Nutrition and Health vice president Pael Fokin said, “The name change will allow us to present the full scope of our capabilities.”

“Crucially, it recognises the fact that nutrition and health are inextricably linked when it comes to animal performance.

“This principle has long been a driving force within the business and

continues to inform our strategic direction.

“We are delighted to now have a strong platform that clearly communicates these ambitions and positions us for future growth.

“It also comes at an exciting time in the development of our health portfolio, with several exciting new products scheduled for launch later this year.”

The company has made significant investments in building its animal health portfolio for poultry, swine and ruminant markets.

Its extensive research and development program is focussed on providing evidence-based validation – through lab research, field trials and practice – to support the efficacy and value proposition of every product solution.



The Danisco Animal Nutrition and Health name change will allow the IFF Health and Biosciences business unit to present the full scope of its capabilities.

## APL specialist director farewelled

AUSTRALIAN Pork Limited Board specialist director Dr Gerard Davis has accepted a role as chief executive officer of an early-stage biotech company.

The full-time commitment means Dr Davis will be progressively reducing other professional roles, which unfortunately includes retiring from both the APL and APRIL boards in February 2022.

In addition to serving the Australian pork industry by contributing to the development of the 2020-25 strategic plan, Dr Davis had input into our defensive and preparatory responses to African swine fever, as well as supply chain

COVID-19 actions.

During his tenure as an APL Board member, Dr Davis also chaired the APL Investment Committee – focussing on the strategic enhancement of the research and innovation investment portfolio for the industry.

The APL Board and management wish Dr Davis well in his new role and sincerely thank him for his contribution to the Australian pork industry and his personal support of the APL team.

APL is currently seeking a new independent specialist director.

For more information, contact communications@australianpork.com.au



The versatility of dry-aged, from steaks to roasts.



Dry aged pork is available from \$10/kg in supermarkets.

## Aussie dry aged pork debut

IF you're looking for something a little different for dinner, a new flavour sensation is dry aged pork.

While high-end restaurants and butcheries have been using the method of dry aging pork almost exclusively, the Australian product has made its debut and is now available at supermarkets.

Agnes co-owner and chef Ben Williamson said dry aged pork is a superior product with added flavour when compared to regular pork products stocked on supermarket shelves.

"That dry ageing process – it just adds so much flavour and texture to the product," Mr Williamson said.

"You lose some moisture in the process but the more moisture you lose, the more intense the flavour becomes.

"It's not overly porky though, it's slightly nuttier. "You get the best crackling off dry aged pork.

"It's so easy to get a really good crackle on it."

Similar to other pork product, dry aged pork costs about \$10/kg in a supermarket.

Using a process known as 'wet ageing', most pork is vacuum packed soon after butchering.

Dry ageing, on the other hand, requires days or weeks in a clean refrigerated environment with no other food present – the optimal being about two months.

The dry aged pork can be cooked in the same way as other cuts of pork.

"My favourite recipe is a simple roast," Mr Williamson said.

"Season it really well, roast it and serve it up with your favourite vegetables.

Australian Pork Limited chief executive officer Margo Andrae said the release of the product was timely, with people experimenting more in the kitchen.

"Consumers want to try new things, but they also want to support Australian agriculture," Ms Andrae said.

When asked about suppliers, she said, "At this stage, it's only Borrowdale Free Range Pork farm in Queensland, but we're expecting more producers

to come online, given its success.

"At this stage it's still niche.

"We hope to see further uptake by more supermarkets of dry aged pork in the future, as consumers become more confident cooking new products at home."

**Eco shelter replacement covers and securing systems**

**FREE onsite measure & consultation**

- External thermal and single layer blinds
- Stock drafting curtains
- Canvacon, Landmark Tearstop and Titan fabrics

- Frame guard felt tape
- Thermal blankets
- Shade cloth systems
- Aluminium lock strips
- Ratchet systems and webbing

**T 1300 059 003**

**E rod@polytex.net.au**

**M 0429 574 963**

**W polytex.net.au**

**BaconFest**  
KINGAROY

Brought to you by **SunPork**  
Fresh Foods

## BaconFest gets bigger

MORE than 15,000 people are expected to bring home the bacon from Kingaroy in Queensland.

The Kingaroy BaconFest – a celebration of all things pork – will be held from August 19-21 and organisers are expecting a bigger than ever turnout from far and wide.

After last year's virtual event, chief baconer Kristy Board said BaconFest would be back with renewed energy.

This year's headliner

is celebrity chef Miguel Maestre, who will cook up a host of demonstrations over the weekend.

"In addition, we'll have past favourites including the Wine and Swine evening event, Long Table Breakfast, food and local producers' market, BaconFest Pinup Pageant and Beard of BaconFest competition – a bacon eating competition – and live music," Ms Board said.

For more information, visit kingaroybaconfest.com.au

Distributed by



# Seclira<sup>®</sup>

Insecticide

## Delivering superior performance in all situations

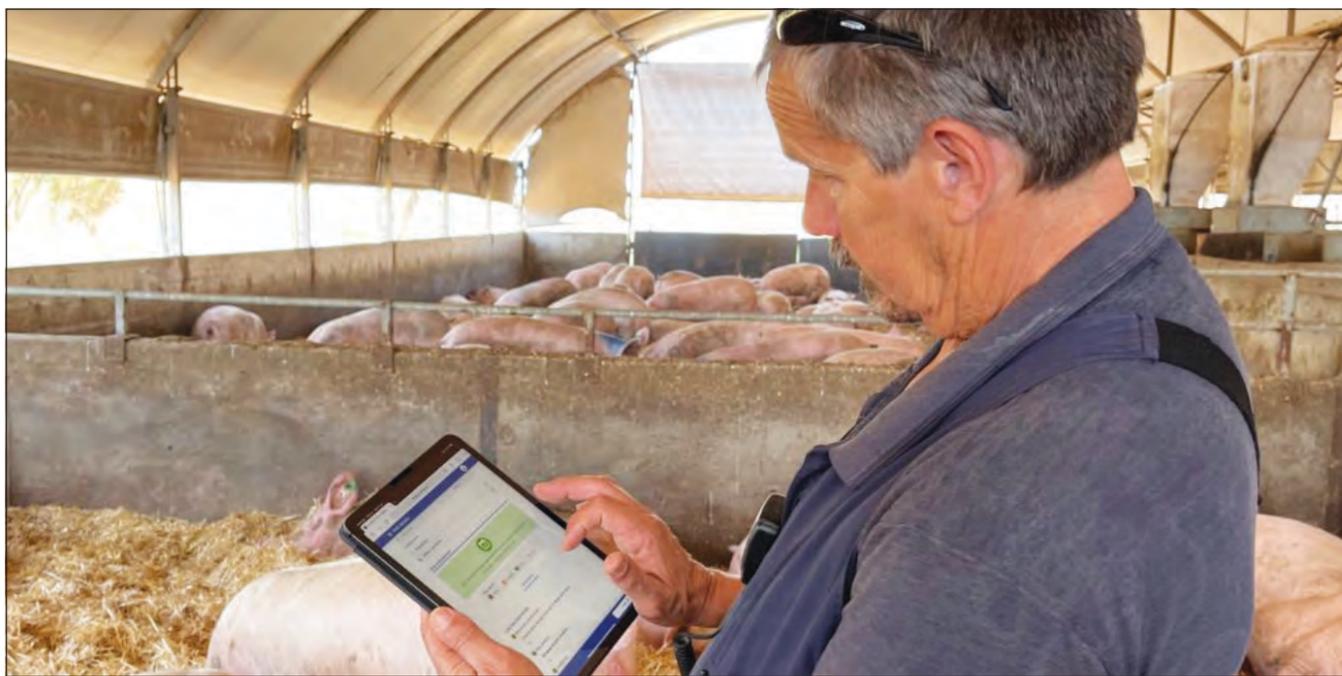
- The Seclira range is powered by the unique active ingredient dinotefuran providing rapid knockdown of target pests
- Seclira WSG is broad spectrum insecticide providing a unique mode of action for fly and mosquito control for external agricultural buildings
- Seclira Pressurised Fly Bait's convenient and easy to apply formulation is suitable for use in animal housing facilities

For more information on the Seclira range, visit [crop-solutions.basf.com.au](http://crop-solutions.basf.com.au) or contact your local CCD Representative on 1300 791 009



ALWAYS READ AND FOLLOW LABEL DIRECTIONS.  
© Copyright BASF 2019 ® Registered trademark of BASF. W239831 12.2019

**BASF**  
We create chemistry



ExoFlare's first solution to improving industry biosecurity is ExoFlare Visitor.



**NATIONAL**  
FEED SOLUTIONS Pty Ltd

**For all your livestock needs**  
Provides high quality products.  
Delivered on time.  
At competitive pricing.  
Supported by the best  
available technical  
service in animal and  
livestock nutrition.



Ph: 02 9609 7922  
Fax: 02 9609 7923

Kym Miller 0439 066 054  
kym@nationalfeedsolutions.com.au

Kate Parry 0448 340 619  
kate@nationalfeedsolutions.com.au

Ben Hawkes 0400 369 693  
ben@nationalfeedsolutions.com.au

Suppliers of Elite nutrition and solutions  
[www.nationalfeedsolutions.com.au](http://www.nationalfeedsolutions.com.au)

## ExoFlare Visitor for on-farm biosecurity

THE importance of implementing strong biosecurity practices should be at the forefront of everyone's mind as the threat of an exotic animal disease incursion continues to be very real for the Australian pork industry.

It has been estimated that if a high spread scenario of African swine fever were to occur here, it could cost the Australian economy up to \$2 billion.

Australian Pork Limited remains focussed on improving and supporting robust biosecurity by partnering with ExoFlare, an Australian software company with the goal to raise industry resilience to biothreats.

The company delivers a data-driven approach to biosecurity and provides decision support to the agriculture and food sector, starting with the pork industry.

With funding from APL and a recipient of a Department of Agriculture, Water and the Environment traceability grant,



Extension Officer

by ROWENA DAVIS



ExoFlare's first solution to improving industry biosecurity is ExoFlare Visitor – a free and easy-to-use service that assesses the biosecurity risk of any visitor coming onto a farm in less than 30 seconds.

It is a web app that manages and assesses biosecurity risks of farm visitors such as vets, delivery drivers and trades people.

The system was developed with extensive input from members of industry, with SunPork being a major contributor of feedback around on-farm implementation and development.

ExoFlare Visitor is easy to use, requires no software installation and streamlines quality assurance compliance processes by taking advantage of QR codes to simplify visitor check-ins, all while helping protect your farm against a disease incursion.

The ExoFlare Visitor system works in four easy steps:

- Book in a visit
- Complete a biosecurity risk assessment in less than 30 seconds

- Review the risks and recommendations
- Visitor checks in and out with the QR code.

As the host of a farm site, producers can process and mitigate risk in real time before a visitor arrives at their farm gate.

There is the ability to have recommended actions to mitigate risks documented and agreed on before the visitor enters a farm site.

It is a simple-to-use reporting system for hosts that creates an audit trail – making it easier to meet Australian Pork Industry Quality Assurance Program and other quality assurance requirements.

The new program is currently being utilised by more than 60 pig farms across Australia in multiple states.

To activate ExoFlare for free for your farm, visit [exoflare.io](http://exoflare.io)

For more information regarding the innovative and free ExoFlare Visitor app, visit the ExoFlare website or contact Rowena Davis at [rowena.davis@australianpork.com.au](mailto:rowena.davis@australianpork.com.au)

### SOLID-LIQUID SEPARATION SYSTEMS

#### Agricultural and Industrial



DISTRIBUTORS OF

- Submersible pumps
- Slurry mixers
- PTO Slurry pumps
- Bedding recovery units
- Bio-Gas equipment



Australian Distributor for FAN

Phone: (08) 87382021  
Email: [edan-awe@bigpond.com](mailto:edan-awe@bigpond.com)

DESIGNING SEPARATION SYSTEMS FOR OVER 20 YEARS

#### How prepared are you against biosecurity threats?



Take the Transport Biosecurity Capability Survey for a chance to win a \$100 online gift card

Scan me!



ExoFlare.

ExoFlare.

## Support for Qld to manage pests

THE Australian Government is providing \$998,000 to Queensland for two projects to improve the landscape scale management of navua sedge and feral pigs, through a federation funding agreement with states and territories as part of the \$30.3 million Established Pest Animals and Weeds Management Pipeline program.

Minister for Agriculture and Northern Australia David Littleproud said the funding would be used for research into control options for navua sedge and to improve the capacity for effective management of feral pigs in northern Australia.

"One project aims to develop best practice protocols to manage navua sedge, a vigorous weed that grows in southeast Queensland and the tropics," Minister Littleproud said.

"The project will evaluate the efficacy of herbicide control and investigate biological control options.

"The second project will support coordination of feral pig management in key areas of Queensland, using demonstration sites to test monitoring and control strategies based on research into feral pig behaviour.

"By validating feral pig monitoring, control tools and strategies, we are making sure farmers and land managers are getting the best bang-for-buck for their efforts in managing these destructive pests."

Queensland Minister for Agricultural Industry Development and Fisheries and Minister for Rural Communities Mark Furner said the funding will help manage two major pests.

"Agriculture is an essential industry and a vital part of Queensland's COVID-19 economic recovery plan, and controlling pests supports our farmers

to be their best," Mr Furner said.

"Navua sedge is an aggressive and unpalatable weed that affects Queensland beef and dairy operations by replacing edible tropical pastures.

"Feral pigs are a serious agricultural pest that damage crops, threaten livestock and degrade Queensland's natural environment."

"Australia has some of the most resilient farmers in the world and they do a great job at managing the impact of pest animals and weeds on their land," Minister Littleproud said.

"However, we recognise that there is a need to improve the skills and capacity of farmers and land managers, and the tools available to them, to better manage pest animals and weeds."

Minister Littleproud acknowledged the Queensland Government and its project partners' contributions, providing more than \$925,000 to support the projects.

"These projects are a great example of how strong collaboration across governments and land managers can improve the management of established pest animals and weeds," Minister Littleproud said.

"The Australian Government's \$5 million in funding – supported by cash and in-kind contributions from the states and territories – will deliver 11 projects across Australia to improve the management of established pest animals and weeds that have a detrimental effect on Australia's agricultural competitiveness and the environment."

The Australian Government's \$30.3 million Established Pest Animals and Weeds Management Pipeline program aims to deliver a lasting legacy to farmers, land managers and the wider community in the fight against established pest animals and weeds.





The new advertising campaign kicks off with TV ads featuring the hero dish san choy bow made using pork mince.

## Aussie pork dinner winners

BRAND new 'Get some pork on your fork' advertising will launch this month, with the new TV commercials focussed on communicating easy mid-week dinners that the whole family will love.

These new commercials are targeted towards a behavioural segment identified by the Australian Pork Limited marketing team after evaluating extensive insights.

Building on the campaign's current audience, the new ads focus on reaching families with children and giving them the tools they need to make pork a mid-week dinner winner.

APL research has shown that converting this demographic to have pork in the regular family meal rotation presents as the biggest opportunity in terms of volume sales and driving fresh pork growth.



Marketing Matters

by ASHLEIGH DYSON



and on radio steaming services.

Preliminary advertising testing has shown strong results, with positive perception shifts around pork.

These results highlight that not only do the commercials change perceptions towards pork being an everyday meal, but they increase the message of pork being a protein that kids will love too – as well as being quick, easy and terrific value for money.

Early indicators are showing these changes in perception move pork into a similar mindset that our audience has around chicken, which increases their preference for pork as an everyday meat.

To view the new pork san choy bow advertising, check out Australian Pork Limited on Facebook and our new winning dinner recipes at [pork.com.au](http://pork.com.au)

The campaign kicks off with TV ads featuring the hero dish san choy bow made using pork mince and highlights how easy it is to cook pork.

It shows an everyday family creating the meal at home and gives viewers the steps and easy ingredients needed to create the dish, while also featuring many mouth-watering pork filled moments.

The campaign will be airing in capital cities

across Australia on free-to-air TV and radio, as well as nationally on paid and catch up TV and YouTube.

The campaign focusses on being on air during peak moments of family togetherness, including morning and afternoon drive times on radio and peak viewing periods on free-to-air TV.

The campaign will also feature national ads on Spotify through targeted family friendly playlists

## Limit losses - maximise water

### ■ DIY dam cover stops evaporation

QUIT Evap Australia announces the release of its innovative evaporation mitigation technology, which limits the amount of water lost from farm storages through evaporation.

The technology comprises large 100sq m (10m x 10m) modular floating elements that are linked together to cover the fullest extent possible of the water surface area of the dam or storage infrastructure.

Quit Evap inventor and civil engineer Peter Chapman said it was the first time such large modular elements had been successfully utilised in a manner that was both environmentally sustainable and economically feasible.

"The product is expected to have a significant impact on the improvement of on-farm

water efficiency and increase the drought resilience of properties utilising the technology," Mr Chapman said.

"Evaporation loss occurs 24 hours a day, seven days a week from every open surface water storage in the world.

"In Australia, the loss ranges from 1.7-2.7m depth of water per annum.

"If you are in agriculture, horticulture or intense animal husbandry, the loss of that quantity of water could represent the difference between your business being sustainable or not."

Recent field trials at the University of Sunshine Coast have demonstrated that the technology is stable on the water under reasonably extreme environmental conditions, while maintaining performance.

The technology is

suitable for small storages with a surface area of 100sq m (0.01 ha) to large storages up to at least 50,000sq m (5 ha) in area.

The product is 'do it yourself' designed, which enables the farmer or owner to install it with the help of a small number of workers, thereby keeping the cost of installation as low as possible.

The product is so new yet so important to the market that it is being released in a 'market demonstration phase'.

Suitable sites are sought for the product to be installed as a demonstration unit for the benefit of the local farming community and at a very competitive 'demo' price.

Contact details for Quit Evap Australia may be found in the business card section of this publication.



Quit Evap Australia's innovative evaporation mitigation technology comprises large modular floating elements linked together to cover the fullest extent of the water surface area.

# When you demand performance, turn to the product you trust

More than 10 years of experience with more data than any comparable vaccine

## Your trusted partner

# Ingelvac Circo FLEX®

WHOLE HERD HEALTH  
WHOLE HERD PROTECTION

Boehringer Ingelheim Animal Health Australia Pty. Ltd. Level 1, 78 Waterloo Road, North Ryde NSW 2113. ABN 53 071 187 285.  
\*Ingelvac CircoFLEX is a registered trademark of Boehringer Ingelheim Vetmedica GmbH. All rights reserved. AU-POR-0029-2021

# AusScan Early Harvest Report for December 2021 scans

THE data set in Table 1 summarises the number of NIR scans completed within December for each mill – or region – and will include scans from new seasons grain.

The previous report for November and published in January's issue of this publication did not contain any new seasons grain scans.

The 2021-22 harvest in many regions of Australia has been extended past Christmas, with some states continuing to harvest into January due to December rains.

The monthly AusScan Early Harvest Reports allow nutritionists and production personnel to



assess the variation in cereal grains by region for energy, protein and moisture values, as feed grain transitions from old to new season grains.

## Record Australian winter crop production in 2021-22

Despite some crop-

ping areas receiving heavy rainfall prior to and during harvest, the 2021-22 winter crop has had favourable seasonal conditions in the majority of cropping regions – particularly the two biggest winter crop producing states of NSW and

Western Australia, which are forecast to result in significantly above average yields.

Areas that received heavy rainfall in November – northern and central west NSW – have resulted in production losses for some producers.

These losses are not expected to significantly affect tonnage produced, however it is likely to affect quality.

The continued high rainfall in December will cause further damage and more total crop losses if crops cannot be harvested.

In other areas across the eastern states and South Australia, wet conditions during harvest and re-

duced soil nutrient levels – caused by two years of high yields – could reduce grain and oilseeds quality compared with recent years.

The extent of these impacts would differ from paddock to paddock, and downgrades of wheat protein levels or improvements in the oil content of canola crops could affect the prices that growers receive.

As reported in the January issue, the total winter crop production is forecast to reach a record of over 58 million tonnes in 2021-22, with wheat 34.4 million tonnes – 3 percent higher than the previous record set in 2020-21 –

barley 13.3 million tonnes and canola 5.7 million tonnes.

The canola harvest reflects both an increase in the area sown and high yields, particularly in NSW and Western Australia.

## Summer crop prospects favourable

Australian summer crop production is forecast to increase by 43 percent to 4.8 million tonnes, reflecting a 32 percent increase in the area sown and above average yields.

The moisture profile for dry area crops is well above average, due to above average spring rainfall.

The outlook for summer

rainfall is also positive.

In NSW, record high November rainfall is likely to have damaged some early sown summer crops and may hamper the completion of planting programs if paddocks remain too wet to access.

The delay in harvesting winter crops may also limit the area available to plant summer crops.

Australian sorghum production is forecast to increase by 31 percent to 2 million tonnes in 2021-22, reflecting both an increase in the area planted and above average yields.

Adapted from awe.gov.au/abares/research-topics/agricultural-outlook/crop

TABLE 1. AusScan Early Harvest Report December 2021																								
Protein Moisture and Energy Values for Cereal Grains																								
Barley																								
Region*	Protein %				Moisture %				Pig Faecal DE MJ/Kg				Pig Ileal DE MJ/Kg				Broiler AME MJ/Kg				Broiler AME Index			
	Mean	SD	Min	Max	Mean	SD	Min	Max	Mean	SD	Min	Max	Mean	SD	Min	Max	Mean	SD	Min	Max	Mean	SD	Min	Max
NSW1	8.8	1.21	6.6	12.0	12.2	0.79	10.8	13.8	13.2	0.12	12.9	13.9	10.6	0.27	10.1	12.0	12.1	0.26	11.4	12.9	70.0	2.55	63.6	78.5
QLD	12.0	0.94	9.4	14.0	12.0	1.65	8.1	15.6	12.5	0.28	11.6	13.0	10.5	0.30	9.5	11.6	12.1	0.36	11.1	13.0				
SA	10.7	1.03	8.4	12.5	10.7	1.35	8.0	13.1	12.5	0.19	12.2	13.5	10.5	0.26	10.0	11.2	11.8	0.45	10.6	13.4				
SA1	11.3	1.27	9.1	15.9	11.6	1.25	8.9	14.2	13.1	0.18	12.7	13.7	10.7	0.28	10.1	11.9	12.4	0.31	11.9	14.0	67.5	3.21	63.3	88.1
SA2	9.5	1.07	7.5	12.3	11.1	1.45	8.5	14.0	13.2	0.18	12.6	13.8	11.0	0.24	10.2	12.3	12.7	0.27	11.8	13.5	69.5	2.24	62.2	75.8
SA3	11.4	1.17	8.4	12.8	11.1	0.86	9.4	12.5	13.5	0.13	13.2	13.7	11.6	0.19	11.2	11.9	12.8	0.38	12.2	13.6	67.0	2.20	63.3	71.0
VIC	10.4	0.77	9.4	11.8	9.2	0.77	8.5	10.8	12.3	0.19	12.0	12.6	10.3	0.38	10.0	11.1	11.3	0.29	11.0	11.9				
VIC 1	11.2	1.16	9.0	13.4	10.4	1.42	7.3	13.0	12.4	0.30	12.0	13.7	10.5	0.41	9.8	11.9	11.8	0.39	11.0	13.0				
VIC 2	11.3	1.56	9.2	16.5	11.6	1.62	8.8	15.9	12.4	0.22	12.1	13.0	10.3	0.33	9.6	10.9	11.8	0.45	11.1	13.2				
VIC 3	10.1	0.79	8.4	11.9	11.5	1.85	8.0	15.0	12.4	0.20	11.7	13.2	10.7	0.54	9.9	11.9	11.4	0.39	10.7	12.4				
Sorghum																								
Region*	Protein %				Moisture %				Pig Faecal DE MJ/Kg				Pig Ileal DE MJ/Kg				Broiler AME MJ/Kg				Broiler AME Index			
	Mean	SD	Min	Max	Mean	SD	Min	Max	Mean	SD	Min	Max	Mean	SD	Min	Max	Mean	SD	Min	Max	Mean	SD	Min	Max
QLD	13.0	0.51	12.3	14.1	10.9	0.74	8.9	12.5	14.3	0.20	13.8	14.7	12.2	0.47	11.2	13.4	14.7	0.23	14.0	15.2				
Triticale																								
Region*	Protein %				Moisture %				Pig Faecal DE MJ/Kg				Pig Ileal DE MJ/Kg				Broiler AME MJ/Kg				Broiler AME Index			
	Mean	SD	Min	Max	Mean	SD	Min	Max	Mean	SD	Min	Max	Mean	SD	Min	Max	Mean	SD	Min	Max	Mean	SD	Min	Max
SA1	10.4	1.05	8.5	11.9	12.3	1.19	10.3	15.4	13.8	0.12	13.5	14.0	12.0	0.19	11.6	12.3	13.3	0.19	12.9	13.6	76.7	1.32	74.2	79.2
Wheat																								
Region*	Protein %				Moisture %				Pig Faecal DE MJ/Kg				Pig Ileal DE MJ/Kg				Broiler AME MJ/Kg				Broiler AME Index			
	Mean	SD	Min	Max	Mean	SD	Min	Max	Mean	SD	Min	Max	Mean	SD	Min	Max	Mean	SD	Min	Max	Mean	SD	Min	Max
NSW1	12.0	1.45	9.0	15.1	11.5	0.88	9.8	13.9	13.9	0.16	13.2	14.2	12.0	0.31	10.3	12.4	12.8	0.19	12.2	13.1	76.6	2.22	67.1	81.2
QLD	12.1	1.50	9.8	16.5	13.3	1.58	9.8	18.0	13.7	0.15	13.3	14.2	12.1	0.20	11.7	12.7	13.2	0.38	11.8	14.7				
SA	10.8	0.91	8.6	13.0	12.7	1.42	9.4	17.8	13.7	0.08	13.2	14.2	11.9	0.16	11.2	12.3	12.9	0.27	11.9	13.6				
SA1	11.9	1.19	9.1	15.4	10.5	1.78	7.3	14.4	14.1	0.20	13.4	14.5	12.3	0.27	11.5	12.8	13.5	0.24	12.9	13.9	75.6	1.76	69.1	79.7
SA2	11.5	1.20	8.8	15.5	10.0	1.57	6.4	13.3	14.0	0.13	13.6	14.3	12.3	0.16	11.6	12.7	13.3	0.32	12.3	13.8	73.7	3.64	62.0	78.2
SA3	13.5	1.16	11.2	14.9	10.9	1.71	9.5	14.7	14.2	0.10	14.1	14.4	12.8	0.08	12.6	12.9	12.8	0.40	12.0	13.4	75.8	2.62	69.9	78.4
VIC	10.9	1.05	8.7	13.4	11.8	1.51	7.7	15.5	13.7	0.05	13.6	13.9	12.0	0.13	11.7	12.2	12.8	0.27	12.2	13.3				
VIC 1	11.0	1.10	8.9	14.4	12.2	1.74	8.9	18.4	13.7	0.07	13.4	13.8	12.1	0.24	11.6	13.0	12.8	0.30	11.8	13.6				
VIC 2	10.5	0.91	8.8	13.2	12.4	1.67	8.6	17.1	13.7	0.06	13.5	13.9	11.8	0.15	11.4	12.2	12.7	0.26	12.1	13.6				
VIC 3	10.7	0.95	8.6	13.5	12.0	1.54	9.0	17.1	13.7	0.10	12.4	13.9	12.0	0.23	11.0	12.8	12.7	0.33	11.0	13.7				

\* Each row represents a Feed Mill in the Region, for example NSW and NSW1 represent different feed mill companies within the state.

# Supporting the supply chain

LEADING into the silly season, Australian Pork Limited had a clear goal to support local business and farmers in enjoying a much-needed festive celebration – with pork taking centre stage at the Christmas table.

Pork was the hero Australians needed after additional unexpected COVID-19 impacts over the festive season.

APL took to highlighting the benefits of versatility, value and ease to create Christmas sensations across several initiatives.

Collaborating with Channel 7 again, APL hosted the Supermarket Christmas Ham Taste Test to help families plan for the busy festive period.

The 20 plus hams judged were widely available from retailers including Coles, Woolworths, IGA, Aldi and Costco.

Australian Pork Limited chief executive officer Margo Andrae said, “We know from our research that over 78 percent of shoppers purchase their ham from their local supermarket.”

“With our Supermarket Ham Taste Test, we take the work out of choosing a ham for Australians and provide a cheat sheet for any budget and any celebration size.”

The taste test was overseen by esteemed judges including celebrity chef Adrian Richardson, award-winning free range pig producer Judy Croagh of Western Plains Pork, fleishmeister Ralf Dink of Oakwood Smallgoods and Ms Andrae.

Results meant shoppers had information about the best pick at their local supermarket of choice.

With sustainability front of mind for the pork industry, APL ensured that all hams supplied for judging did not go to waste.

Leftover hams were carefully packed and donated to Foodbank Australia at the conclusion of judging – an ongoing partnership the two organisations – ensuring our Aussie pork can help those in need.

Following a successful partnership to promote Aussie bacon for National Bacon Day, Harris Farm and APL created a special Christmas bundle to take the hassle out of Christmas Day preparation.

The Christmas Ham Box included a 4.5kg Aussie half-leg ham along with ingredients and a recipe to create the perfect nectarine and Harris Farm triple-berry jam glaze for the big day.

New festive recipes, tips and tricks were shared across all APL social media channels in the lead up to the big day – to guarantee customers had seamless Christmas meal preparation before family and loved ones joined them.

The pork.com.au website received 363,911 page views during November and December, and across social channels reached over 434,000 users.

APL also worked with Pinterest – a channel that sees over 4.7 million



Public Relations Manager

by LYLLE BALZER-BLACKSTOCK



and Dan Tehan – Minister for Trade, Tourism and Investment all working with APL to donate hams and pork to those in need through their local charity of choice.

Christmas ham and pork media had a potential reach of over 41 million eyeballs over the holiday period, thanks to the initiatives in play – making sure pork was on forks at a crucial time to connect and celebrate.

We look forward to sharing the retail performance for the Christmas period in the March issue of this publication and in our weekly APL Update emails.

users in Australia seeking out content on snacking, meal planning and dessert ideas.

The brief was to ensure Christmas ham and roast pork were front of mind, with the campaign reaching over 1,081,868 users.

Ensuring our butchers were not left out of the mix, media activity shone a spotlight on these local heroes – securing coverage across print, online and television showcasing tips and tricks for the Christmas centrepiece from these experts.

APL spread more Christmas joy with David Littleproud MP – Minister for Agriculture and Northern Australia, Mary-Anne Thomas – Minister

for Agriculture Victoria, Mark Furner – Minister for Agricultural Industry Development and Fisheries and Minister for Rural Communities Queensland, Julie Collins – Shadow Minister for Agriculture



APL initiatives made sure pork was on forks at a crucial time to connect and celebrate.



Laurie Brosnan with one of his methane-generating raw-material suppliers.

## Qld piggery mines bitcoin from waste

A GREAT article was written by Phil Stafford and published by Crypto News Australia highlighting the innovation being undertaken by the team at Bettapork.

Amid a worldwide push to make the crypto industry more environmentally accountable, a Queensland piggery is generating enough excess methane to mine bitcoin.

BettaPork is run by the Brosnan family and is situated directly across the road from the Callide coalmine near

the central Queensland town of Biloela.

Six years ago, the Brosnans set up two 3-million litre tanks to process the farm's pig waste – along with food scraps from schools and cafes in town and cattle waste from the local meatworks – to create methane, which is used to power a generator.

BettaPork now generates enough electricity to power 140 homes and is saving the farm hundreds of thousands of dollars a year.

So much so that a

business partner recently suggested bitcoin mining as a sustainable way to utilise the roughly 100KWh of excess energy generated by the piggery's biogas plant.

BettaPork general manager Laurie Brosnan, whose grandfather founded the farm in 1959, said a trial using two bitcoin mining terminals has already proved successful and more generators will soon be added.

The full story can be read at cryptonews.com.au

Live yeast for sows and piglets

MICROSCOPIC YEAST,



# MACROSCOPIC EFFECTS!



LEVUCCELL SB improves sows' digestive comfort and stimulates feed intake during lactation, even under heat stress conditions. Sows fed LEVUCCELL SB quickly establish lactation and better use their body reserves, which, in turn, helps enhance the growth and survival rate of litters at weaning.

LALLEMAND ANIMAL NUTRITION ■ SPECIFIC FOR YOUR SUCCESS  
T: (07) 5451 0125 | E: LAN-Aus@lallemand.com  
www.lallemandanimalnutrition.com





These multi-storey piggeries are an example of how China radically re-formatted its pork industry.

## African swine fever impacts in 2022

THE spread of African swine fever has decimated pork production across the world in recent years and has been credited for contributing to the surge in demand for Australian beef.

China has been one of the worst affected by ASF, with its pig producers liquidating herds and beef imports increasing dramatically in the past two years.

Europe, South America and other parts of Asia have also seen bad outbreaks.

With herd recovery still hanging in the balance for China and other countries, many will be watching how it unfolds in 2022.

Recently, a Rabobank report stated ASF was going to be the biggest market driver for 2022.

While ASF outbreaks continued in China and Vietnam during 2021, both countries were recovering.

Herds were being rebuilt in large farms and pork production increased strongly in 2021, squeezing out poultry.

This trend was expected

to continue in 2022.

However, ASF is still active, so herd rebuilding is susceptible to any virus mutations or loosening of biosecurity measures.

China's herd rebuild from ASF has reportedly been based on the construction of medium-to-large piggeries, with many smaller operators permanently exiting the industry.

Independent meat analyst Simon Quilty said the rebuild in China was facing major economic challenges, demonstrated by the collapse of real estate giant Evergrande.

"Hog prices continue to be below breakeven, so whether you're a small, medium or large operation there will be economic losses if you start rebuilding herds," Mr Quilty said.

"The ability to get finance has become a lot more difficult in recent times, Evergrande has been a good example of that – those problems are undermining market confidence."

Despite ASF taking hold several years ago, Mr Quilty said the virus

had caused many Chinese pig producers to sell their herds in 2021.

"New variants came about because of black-market vaccinations that were put into the general hog population in a desperate attempt to control ASF," he said.

"Those variants were a mild version of the virus, but they were harder to detect and as a result the country saw many more pig losses."

Mr Quilty said with the harder to detect variants spreading through China, a lot of producers rushed to sell their herds before their animals contracted ASF.

"We call this trend 'the rush to the door', where producers rush to sell animals regardless of whether they were finished," he said.

"With all that pork coming on the market, prices dropped very quickly, to a point where producers could not breakeven."

"When it dropped below breakeven, it became an economic liquidation, where small operators

who once made up 50 percent of China's pig herd exited the industry.

"That's paved the way for medium-to-large operators to establish themselves."

As China has looked to make up for the loss in pork in recent years, a new market has emerged for the beef industry.

Mr Quilty said beef was growing in popularity with Chinese consumers and was likely to remain a part of their diets after ASF is sorted out.

"Even with the flood of Chinese pork coming on the market and prices plummeting, beef imports have been increasing and prices have been rising," he said.

"Our expectation is that demand for beef will continue."

Despite the increase in beef imports to China, Australian exports to the country have been decreasing.

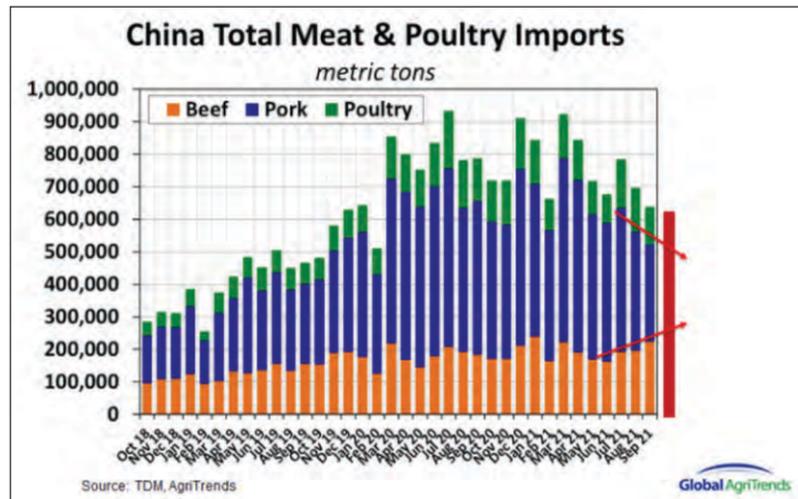
"Australia's role has diminished, due to the herd rebuild and the licenses that were suspended by China last year," Mr Quilty said.

Both Rabobank and Mr Quilty are predicting the global cattle herd to contract next year.

But Mr Quilty said with demand for beef in China on the opposite trajectory, there was an opportunity for the Australian beef industry.

"Beef is almost existing in its own market now and it is independent of other meats such as pork and poultry," he said.

"The Chinese consumer has fallen in love with beef, the introduction was made by ASF, but it now has a market of its own."



## Optimising genomic selection

IN pig and poultry breeding programs, the animals that provide food for consumers are usually crossbred, while genomic selection takes place in their purebred parental lines.

Researchers from Wageningen University and Research have written a review paper on how genomic selection can be optimised for the improvement of crossbred animals.

**Genomic selection**  
Livestock populations are continuously improved by a process called selection.

With selection, breeders decide on which animals are allowed to reproduce, based on estimates of the animals' genetic value.

Nowadays, such estimates are obtained from statistical models that describe the relationship between the performance of animals – that is their phenotype – and the genetic variation in their DNA.

This particular method of selection is called

genomic selection, which requires phenotype and genotype marker data on a large number of reference animals.

**Crossbreeding**  
Crossbreeding is the practice of mating animals from genetically distinct purebred lines to produce crossbreds and is widely adopted in pig and poultry breeding.

Genetic progress is realised in the purebred lines based on purebred phenotypes and genotypes, while the aim is to improve performance of the crossbreds.

However, purebred and crossbred performance are not perfectly correlated, raising questions such as do we need to collect data on crossbred, can we improve the statistical model and where do the answers to these questions depend on?

Researchers from Wageningen University and Research have summarised answers to these questions in a review paper that was recently published in the Journal of Animal Science.

**Optimising genomic selection for crossbred performance**

The authors found that the optimal strategy is likely to vary across species, breeding programs and traits.

However, some general trends could be observed.

First, when purebred data is used, the statistical model can be improved by accounting for genetic dominance effects.

Second, genomic selection for crossbreeding may benefit from using crossbred instead of purebred data, but only when the genetic correlation between purebred and crossbred performance is lower than about 80 percent.

Finally, even though genotyping is costly, it is advisable to collect genotypes of crossbred animals that are phenotyped.

An important argument for this advice is that a single crossbred record can contribute to genetic improvement in all three or four parental lines, justifying the required investment.



Crossbreeding is the practice of mating animals from genetically distinct purebred lines to produce crossbreds and is widely adopted in pig and poultry breeding.

## NZ pigs possible key to treating Parkinson's

OF all the places in the world where a cure for Parkinson's disease may be found, the remote sub-Antarctic Auckland Islands might not have been the first thought, but that's exactly where biotech company Living Cell Technologies will obtain tissue for their clinical trials.

Specifically, Living Cell Technologies has secured a critical service agreement with NZeno to breed and maintain pigs that will provide tissue for the third clinical trial of NTCELL, LCT's treatment targeting Parkinson's disease.

The tissue to be sourced from NZeno is so specific that it must be derived from designated pathogen-free pigs found on New Zealand's sub-Antarctic Auckland Islands.

These are the same pigs that tissue was sourced from for LCT's first and second clinical trials in 2012 and 2015 respectively.

Living Cell Technologies executive chairman Professor Beruch Tuch said, "Securing access to NZeno's DPF herd was a critical milestone as LCT progresses the next clinical trial of NTCELL in Parkinson's disease."

"The transplantation of living cells from pigs into humans is quite different from implanting pig organs, such as a heart, as recently reported in the media.

"The risk to the recipients with encapsulated cells is much lower and our patients will not need to take anti-rejection drugs."

"Moreover, the pigs being used in our trial are natural animals and are not being genetically manipulated."

Once the choroid plexus tissue is obtained from the pigs, samples will be sent to a laboratory in Sydney where digestion of the tissue will take place to form single cell clusters for encapsulation.

This will then enable LCT to manufacture NTCELL under conditions suitable for the clinical trials.

These trials are likely to be the first time xenotransplantation will be carried out in Australia, with the earlier first and second trials having been conducted in New Zealand.

In order to progress the trials in Australia, they will require regulatory approval of the Therapeutic Goods Administration

and, should that be obtained, LCT anticipates trial participants will receive treatment by 2024.

Given the highly specific biology of the tissue to be sourced from the Auckland Islands pigs, the porcine choroid plexus tissue will not be cheap.

Under the terms of their agreement, LCT will pay an annual fee of \$A234,477.50 per annum to NZeno for the ongoing maintenance of the dedicated pig facility and herd.

A milestone payment of \$A468,955 is then payable subject to TGA approval to commence the trials and a further \$A468,955 upon TGA approval for commercialisation.

Should all these milestones be met and NTCELL reaches commercialisation using NZeno's porcine tissue, annual royalty payments up to \$A2,344,775 would be payable.

Parkinson's disease is a progressive nervous system disorder that affects movement.

Globally, more than 10 million people live with the degenerative disease, which affects one in every 308 Australians.

First appeared on [thesentiment.com.au](http://thesentiment.com.au)

# Here's my Card

**THIS is a quick and easy way to locate the right people for any number of specialist services and facilities in the pig industry. Whatever the job you need to accomplish, here's a group of business cards that guarantee you the best available.**

**Supplying the Piggery Industry with tarpaulin**

- Shelter covers
- Blinds • Liners
- Thermal Covers




Phone: 1300 059 003  
 Fax: 1300 052 401  
 Email: info@polytex.net.au  
 www.polytex.net.au

**POLYTEX**  
 TARPAULINS

**AGCO**  
 Your Agriculture Company

**Peter Lutterschmidt**  
 Sales Manager - GSI Protein  
 Australia and New Zealand



**AGCO Australia Limited**  
 615-645 Somerville Road, Sunshine West Vic 3020, Australia  
 Phone: +61 3 9313 0208 Fax: +61 3 9312 6279 Mobile: +61 429 653 315  
 Email: Peter.Lutterschmidt@agcocorp.com  
 www.gsiag.com.au www.gsiasia.net

**BASF**  
 We create chemistry

BASF Australia Ltd.  
 Level 12, 28 Freshwater Place  
 Southbank, VIC 3006

**Ton Hovers**  
 Sales Manager Australia & New Zealand  
 Animal Nutrition

Mobile +61 407 410 222  
 ton.hovers@basf.com

**RUSSELL WATERS**  
 Sales Manager

**MAXUM**  
 ANIMAL NUTRITION

P: 0437 115 876  
 E: russell@maxumanimal.com  
 Laverton North, VIC 3026  
 maxumanimal.com

**MILK POWDERS**

- CUSTOM BLENDS
- CONTRACT PACKING
- PIGLET MILK REPLACER
- STOCKFEED POWDERS

**FeedWorks**  
 Performance Through Science

**David Cadogan**  
 P +61 409 049 793  
 E david.cadogan@feedworks.com.au

**Doug Pearson**  
 P +61 408 735 185  
 E doug.pearson@feedworks.com.au

**Stuart Wilkinson**  
 P +61 414 487 882  
 E stuart.wilkinson@feedworks.com.au

**Office**  
 P +61 3 5429 2411

www.feedworks.com.au

**zoetis**

**Avril Grieve** 0438 352 443  
**Tim Fulton** 0431 075 972  
**Matthew Meggison** 0477 387 392  
**Branko Karaconji** DVM 0448 055 159  
**John Reeves** 0412 264 497

**Zoetis Australia Pty Ltd**  
 Level 6, 5 Rider Boulevard, Rhodes NSW 2138  
 PO Box 6066, Silverwater NSW 2128  
 T: 1800 814 883 F: 02 8876 0444 W: www.zoetis.com.au

**William Coombs**  
 Territory Manager

**Boehringer Ingelheim**

Boehringer Ingelheim Animal Health Pty Limited  
 78 Waterloo Road  
 North Ryde NSW 2113  
 Mobile: 0407 537 476  
 Tel: 1800 808 691  
 Fax: 02 8875 8715  
 william.coombs@boehringer-ingelheim.com

**Rose McFarlane**  
 Territory Manager

**Boehringer Ingelheim**

Boehringer Ingelheim Animal Health Pty Limited  
 78 Waterloo Road  
 North Ryde NSW 2113  
 Mobile: 0408 459 356  
 Tel: 1800 808 691  
 Fax: 02 8875 8715  
 rose.mcfarlane@boehringer-ingelheim.com

**Meg Donahoo**  
 Senior Account Manager

**Boehringer Ingelheim**

Boehringer Ingelheim Animal Health Pty Limited  
 78 Waterloo Road  
 North Ryde NSW 2113  
 Mobile: 0411 330 493  
 Tel: 1800 808 691  
 Fax: 02 8875 8715  
 meg.donahoo@boehringer-ingelheim.com

**LALLEMAND ANIMAL NUTRITION**

**Alison Leary** - Technical Services Manager  
 Mob: 0488 715 151 | aleary@lallemand.com

**Nathan Lister** - Technical Services Manager  
 Mob: 0438 190 388 | nlist@lallemand.com

**Alex Turney** - Managing Director, AUS & NZ  
 Mob: 0419 005 511 | aturney@lallemand.com

www.lallemandanimalnutrition.com

**LALLEMAND**

SPECIFIC FOR YOUR SUCCESS

**EFFLUENT PUMPS & IRRIGATORS**

**DAIRIES - PIGGERIES - ABATTOIRS**  
 Proudly designed & manufactured in Australia

NO BEARINGS OR SEALS UNDERWATER  
 Can run dry indefinitely without damage

HIGH HEADS AND HUGE OUTPUTS  
 Ideally suited for travelling irrigators

UNIQUE NON CLOG IMPELLER

**REEVE B.R.REEVE ENGINEERING** (03) 9699 7355  
 www.reevegroup.com.au

**metrowest** Agricultural Technology  
 Livestock Housing & Automation

CELEBRATING OVER **25** YEARS OF PROGRESS

**David Ahlquist**  
 Sales and Engineering Manager  
 08 9416 0666  
 info@metrowest.com.au

- Large UPS
- Power & Energy
- Automation & Control
- AgTech

70 Belmont Avenue, Belmont, WA 6104

**VAUCLUSE & APS**  
 117 Chapman Rd, Inglewood, SA 5133

**David Reu**  
 MOBILE: 0427 791 734  
 EMAIL: davidreu@vaocluse-aps.com.au

PH: 08 8380 5672 FAX: 08 8380 5176  
 www.vaocluse-aps.com.au

**Gavin Davies**  
 National Sales Manager - Swine / Vet Specialty

**Boehringer Ingelheim**

Boehringer Ingelheim Animal Health Pty Limited  
 78 Waterloo Road  
 North Ryde NSW 2113  
 Mobile: 0417 730 434  
 Tel: 1800 808 691  
 Fax: 02 8875 8715  
 gavin.davies@boehringer-ingelheim.com

**Kitty Wong**  
 Marketing Manager

**Boehringer Ingelheim**

Boehringer Ingelheim Animal Health Pty Limited  
 78 Waterloo Road  
 North Ryde NSW 2113  
 Mobile: 0478 314 237  
 Tel: 1800 808 691  
 Fax: 02 8875 8715  
 kitty.wong@boehringer-ingelheim.com

**Dr. Andres Ardila**  
 Technical Services Veterinarian

**Boehringer Ingelheim**

Boehringer Ingelheim Animal Health Pty Limited  
 78 Waterloo Road  
 North Ryde NSW 2113  
 Mobile: 0400 480 499  
 Tel: 1800 808 691  
 Fax: 02 8875 8715  
 andres.ardila@boehringer-ingelheim.com

**AUSTRALIAN SPRAY FOAM INSULATION**

Residential-Commercial-Industrial  
 Specialising in Open Cell and Closed Cell Polyurethane Spray Foam

**Gavin Forsyth**  
 Owner Operator  
 0407 808 652  
 au.sprayfoam@gmail.com  
 www.australiansprayfoaminsulation.com.au

**EASTERN genetic resources**

"Belmont"  
 MS 360  
 Bell Qld  
 Australia 4408

**Brenden McClelland**  
 Phone: 07 4663 1279  
 Fax: 07 4663 1395  
 AI Centre: 07 4663 1071  
 Mobile: 0409 064 806  
 email: belmontpastoralco@outlook.com

**Come clean with steam**

- Hot Wash & Steam Cleaners to 130°C
- 4,000 psi
- 240v & 415v
- Stainless steel covers
- Loads of features
- Aussie quality
- Great prices for Australian Pork Limited members

**Aussie Dumps** 02 8865 3500  
 aussiepumps.com.au



**Australian Pork NEWSPAPER**

Now available in colour, great value at **\$274** + GST for 4 months

Advertise your business card here  
 call 07 3286 1833

www.porknews.com.au

# Here's my Card

THIS is a quick and easy way to locate the right people for any number of specialist services and facilities in the pig industry. Whatever the job you need to accomplish, here's a group of business cards that guarantee you the best available.

## Come clean with Aussie

- Australia's No 1 pressure cleaner manufacturer
- 2,000 psi to 5,000 psi
- Engine & electric drive
- Big Berty triplex pumps
- OH&S friendly stainless steel frames
- Aussie quality
- Great prices for Australian Pork Limited members



**Aussie Pumps**  
02 8865 3500  
aussiepumps.com.au



1800 426 142  
orders@apiam.com.au  
apiam.com.au

**Tom Harrison** 0428 668 266  
**Sarah Jenkin** 0409 715 559  
Business Unit Managers  
**Amanda Vardanega** 0427 011 579  
National Accounts Manager - Intensives



**Garry Grant**  
General Manager

T - (02) 9898 1800  
M - 0410 529 852  
E - ggrant@hydroinnovations.com.au



HydroInnovations.com.au

**Dr Roger Campbell**  
Director  
ABN 79626160085

## RG Campbell Advisory

roger.campbell@rgcampbelladvisory.com.au  
Phone/ +61 407 774 714  
linkedin.com/in/roger-campbell-95237356



## PIC Australia

**Clark Forbes**, National Business Manager  
M: 0427 909 361 E: cforbes@picaustralia.com.au  
**Mal Auld**, Technical Services Manager, WA  
M: 0427 086 931 E: mauld@picaustralia.com.au  
**Dr Pat Mitchell**, Genetic Services Manager  
M: 0402 794 912 E: patricia.mitchell@picaustralia.com.au

### NEVER STOP IMPROVING

PIC Australasia Pty Ltd, PO Box 39, Grong Grong NSW 2652  
P: 02 6956 2105 F: 02 6956 2203 E: info@picaustralia.com.au

**Craig McCann**  
NATIONAL KEY  
RELATIONSHIP MANAGER

M +61 488 025 555  
E c.mccann@becfeed.com.au  
W becfeedsolutions.com.au



**Dr. David Isaac**  
DVM MRCVS  
ANIMAL HEALTH, INNOVATION  
& RESEARCH MANAGER

M +61 400 603 483  
P +61 7 3723 9844  
E d.isaac@becfeed.com.au  
W becfeedsolutions.com.au



**Natalie Schwerin**  
M.ScAg AARNe  
TECHNICAL MANAGER

M +61 439 862 788  
P +61 7 3723 9810  
E n.schwerin@becfeed.com.au  
W becfeedsolutions.com.au



## QUIT EVAP AUSTRALIA

Evaporation Mitigation Technology

**Peter J Chapman**  
0401 162 976

Email: peterchapman6@bigpond.com  
Website available February 2022

**Greg Heeney**  
Country Manager, Australia

gheeney@zinpro.com  
O 1800 946 776  
M 61 428 162 193  
F 1800 839 796

Australia  
PO Box 3033  
Newport Vic 3015



185 Thomas Street  
(PO Box 271)  
Murray Bridge SA 5253  
P 08 8531 2700  
F 08 8531 2711  
M 0419 559 011

**Aaron Hines**  
Sales & Production Manager

E aaron@jacksonsaustralia.com  
W www.jacksonsaustralia.com

Design • Engineering • Fabrication

## IRRIGATORS AND SPRINKLERS

FOR WATER AND EFFLUENT  
ON CROPS AND PASTURES

Volume capacity –  
18m<sup>3</sup>/hr to 90m<sup>3</sup>/hr

Spray width to 36m and  
runs up to 330m



**REEVE B.R.REEVE ENGINEERING** (03) 9699 7355  
www.reevegroup.com.au

## BC@PR

**Brendon Cant**  
Managing Director

T +61 8 9430 9463  
M +61 417 930 536  
E brendon@iinet.net.au

BCAPR Pty Ltd (ACN 159 299 966)  
PO Box 749 South Fremantle  
Western Australia 6162



Unit 2, 84-92 Barnes Street  
Tamworth NSW 2340  
ccdanimalhealth.com.au

**Jodie Driscoll**  
0428 247 272

**Eddie Pecotich**  
0437 408 961

**Fabian Barcelo**  
0447 444 674

## Future Pork P/L

Semen available anytime  
Large White - Landrace - Duroc  
Hampshire - Berkshire - Terminal

**SHAUN BLENKIRON**

PO Box 18  
Keyneton SA 5353  
Mobile: 0488 570 510  
Fax: (08) 8564 8210

shaun@futurepork.com.au  
www.futurepork.com.au

SUPPLIERS OF QUALITY PORCINE  
GENETICS FOR THE NEXT GENERATION

## Australian Pork NEWSPAPER

**Ben Collins**

BBus DipMgt GradDipEd  
Advertising & Marketing Manager

P: 07 3286 1833 M: 0439 708 602  
E: ben@collins.media PO Box 162, Wynnum QLD 4178

www.porknews.com.au



Suppliers of Elite nutrition and solutions  
**NATIONAL FEED SOLUTIONS** Pty Ltd

**Kym Miller** 0439 066 054  
**Kate Parry** 0448 340 619  
**Ben Hawkes** 0400 369 693  
**Graeme Pope** 0439 066 006

Phone: 02 9609 7922  
Fax: 02 9609 7923  
admin@nationalfeedsolutions.com.au  
www.nationalfeedsolutions.com.au  
PO Box 6370 Wetherill Park BC NSW 2164



**Roel Lising DVM PhD**  
Technical, Sales & Marketing Manager  
M: +61 400 428 130  
E: roel@treidlia.com.au

Solving Problems in Animal Health

- ✓ Specialty Vaccines
- ✓ Biotechnology Products
- ✓ Diagnostic Services
- ✓ Research and Development
- ✓ Contract Manufacturing

www.treidlia.com.au

Unit 76 Powers Business Park  
45 Powers Rd Seven Hills NSW 2147



**David Sinclair**  
Operations Manager

Bulk Feed Transport and Silo Aeration

Phone: (07) 4634 7344 Freecall: 1800 242 699  
david@customvac.com.au  
www.customvac.com.au

24 Molloy Street, PO Box 2426, Toowoomba Queensland 4350

**TOM BRAUN**  
MANAGING DIRECTOR

## MYORA

PO BOX 550, MOUNT GAMBIER, SA 5290  
P 08 8725 0411 M 0431 679 053  
E TOM@MYORA.COM.AU W MYORA.COM.AU

# Here's my Card

THIS is a quick and easy way to locate the right people for any number of specialist services and facilities in the pig industry. Whatever the job you need to accomplish, here's a group of business cards that guarantee you the best available.

**AusPac**  
INGREDIENTS



**NATHAN DWYER**  
Technical Key Account Manager  
Auspac Ingredients Pty.Ltd.  
Unit 1, 84-92 Barnes St Tamworth NSW 2340  
**Mobile** +61 (0)429 127 599  
**Tel** +61 2 6762 7708  
**Fax** +61 2 6762 7709  
nathan@auspacingredients.com.au



ABN: 92 115 191 056

**ACE Laboratory Services**

12 Gildea Lane Bendigo East, Vic 3550



AGIS QC2 Containment Facility

APVMA Licensed Manufacturer

**PH : (03) 5443 9665**  
**FAX: (03) 5443 9669**

Email: info@acelabservices.com.au  
PO Box 6101 White Hills, Vic 3550

**Altech LIENERT**  
Regional Sales Representatives

**Todd Greenwood (Vic)** Tel: 0437 056 369  
**Shane Nicholson (Qld)** Tel: 0427 200 262  
**Linda Scotts (NSW)** Tel: 0428 972 599  
**Bruce Lockwood (Qld)** Tel: 0400 700 559  
**Vin Modra (SA)** Tel: 0407 723 679  
**Michael Pritchard MTB - Biosecurity** Tel: 0407 764 850  
**Brian Warneke (SA)** Tel: 0436 193 253  
**1800 649 231**  
Alltech Lienert Australia  
8 Roseworthy Rd, Roseworthy, SA, 5371

Alltech.com  
AlltechLienert

## Aussie Pumps Piggery Package

- 2", 3" & 4" semi trash pumps
- Cast iron
- Self-priming
- ISO 9001
- Big flows
- Great prices for Australian Pork Limited members



**Aussie Pumps**

**02 8865 3500**  
aussiepumps.com.au

**Alan Smith**  
B. Ag. Sci.  
Managing Director



**minitube**

**Minitube Australia Pty Ltd**  
P.O. Box 1  
135 Brooke Street, Smythesdale  
Victoria 3351  
Australia

Tel: +61 3 5342 8688  
Fax: +61 3 5342 8788  
Mobile: +61 414 432 790  
asmith@minitube.com.au  
[www.minitube.com](http://www.minitube.com)

**KEMIN**

Animal Nutrition and Health  
office: +02 9844 5700  
mobile: +61 0466 956 263  
stuart.court@kemin.com

**Stuart Court**  
Technical Services Manager  
Australia and New Zealand,  
Pacific

kemin.com

**KEMIN**

Animal Nutrition and Health  
Asia Pacific

office: +02 9844 5700 (AU)  
0800 536 466 (NZ)  
mobile: +64 274 872524  
trina.parker@kemin.com

**Trina Parker**

Country President  
Kemin Australia & NZ

**FarmMark**  
Livestock Solutions

**Luigi Di Clemente, Managing Director**  
+61 412 934 892 luigi@farmmark.com.au

**Shane Devries, Customer & Sales Support Manager**  
+61 433 065 895 shane@farmmark.com.au

Freecall: 1800 500 223 | [www.farmmark.com.au](http://www.farmmark.com.au)

■ Here's my Card ■ Here's my Card ■ Here's my Card

# CLOSTAT™

## Balanced from the inside out

Use CLOSTAT™, a patented direct-fed microbial that helps in maintaining balanced intestinal health. It has been proven to help pigs develop a natural defense mechanism against profit-killing intestinal health issues.

CLOSTAT™ does not create any antibiotic resistance or residue concerns and it fits well under the Change Management Concept. Change Management reduces antibiotic use in pig farms<sup>1</sup>. Use CLOSTAT™ from day one to get a good return on investment from your pigs.

1. Australian Veterinary Journal Volume 97 No 7, July 2019



View brochure

**KEMIN**  
INTESTINAL HEALTH

**Kemin (Australia) Pty. Limited**  
Phone : +61 2 9844 5700  
Email : [australia@kemin.com](mailto:australia@kemin.com) /  
[trina.parker@kemin.com](mailto:trina.parker@kemin.com)

© Kemin Industries, Inc. and its group of companies 2021. All rights reserved. \*™ Trademarks of Kemin Industries, Inc., U.S.A. Certain statements may not be applicable in all geographic regions. Product labeling and associated claims may differ based upon regulatory requirements.

[www.kemin.com/ap\\_clostat](http://www.kemin.com/ap_clostat)



# WANT TO BE REWARDED?

Do you use Ingelvac CircoFLEX or Ingelvac MycoFLEX?

Great news, be rewarded for your purchases by signing up to the FLEX360 Loyalty Rewards Program.

**Talk to your friendly Boehringer Ingelheim Animal Health representative or visit [flex360.com.au](https://flex360.com.au) to find out more.**



Boehringer Ingelheim Animal Health Australia Pty Ltd. ABN 53 071 187 285. Level 1, 78 Waterloo Road, North Ryde, NSW 2113. Toll Free 1800 808 691. Boehringer Ingelheim Animal Health Australia Pty Ltd is bound by the Australian Privacy Principles and adheres to these Principles. You can view our Privacy Policy at: <https://boehringer-ingelheim.com.au/data-privacy>.

©2021 Boehringer Ingelheim Animal Health Australia Pty Ltd. All rights reserved. AU-POR-0049-2021

