



STOCKYARD
INDUSTRIES

Phone: 07 4697 3344 • Fax 07 4697 3532
www.stockyardindustries.com

NATIONAL Poultry

NEWSPAPER

Vol 3. No. 2 February 2020 National Poultry Newspaper PO Box 387 Cleveland 4163 Phone (07) 3286 1833 Fax (07) 3821 2637 Email ben@poultrynews.com.au

Lessons learnt and taught at IPPE

IN the past month the Poultry Hub Australia team attended the International Production and Processing Expo in Atlanta, Georgia, US.

It was amazing to see the endless displays of poultry-related tech and gadgets.

The meeting is huge, with over 30,000 attendees.

It takes the better part of three days just to get around all the displays!

We found the robotics and processing equipment particularly interesting.

I even found an updated version of the chicken counter my father invented back in the '80s!

We spent time chatting



by **TAMSYN CROWLEY**
Director



to many of the companies that already supply the Australian industry in some way, swapping stories and discussing their plans for the future.

We also had a chance to meet with companies who have not yet entered the Australian market.

This gave us an opportunity to discuss the benefits of the Australian industry, such as our strong and cost-effective poultry research and the fact that we do not face any international competition due to importation.

We also talked about some of the challenges of our industry including quarantine restrictions.

Overall, this experience was insightful, daunting and thought-provoking.

While at this meeting, PHA ran two workshops.

These workshops were facilitated by myself, Dr Amy Moss and Prof Gene Pesti.

Predominantly based on the book 'Nutrition Experiments in Pigs and Poultry' these workshops ran for two hours and attracted an additional fee.

We were very pleased with the level of interest.

The first workshop covered feed formulation, giving participants important background but also an opportunity to do hands-on exercises.

The participants learnt how to formulate and balance diets and were provided with the skills and Excel workbooks enabling them to formulate the least cost feed formulations.

The second workshop concentrated on the importance of experimental power.

Participants were taught the essentials of appropri-

ate experimental design, understanding replication and randomisation, the impact of variation and how to control it and finally how to calculate experimental power.

This workshop was a mix of theory and practical hands-on activities.

The overall feedback from both training sessions was overwhelmingly positive, with 95 percent of participants satisfied with the training.

PHA has plans to facilitate more of these workshops in the future and will be running them as online modules, with the option to obtain partial university credit for each module.

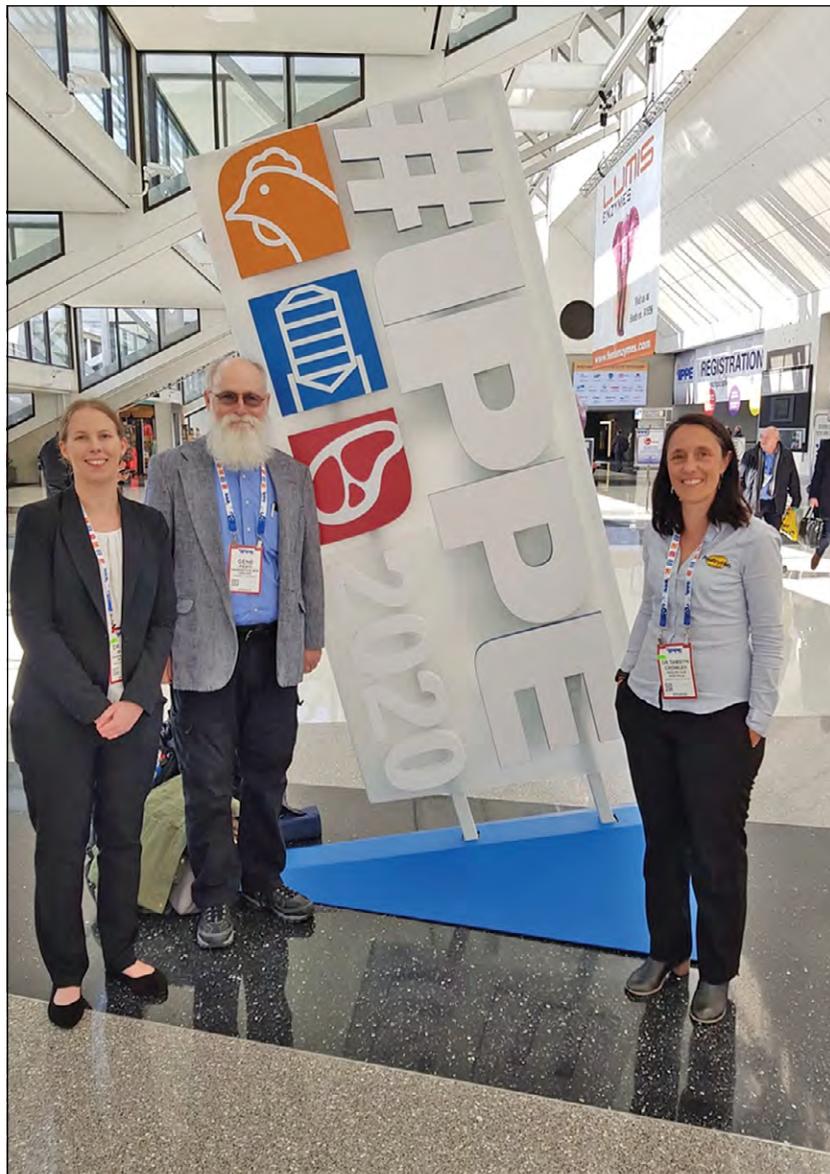
If you are interested and would like to know more or join our training mail list, please contact poultryhub@une.edu.au

Lastly, I would like to announce we have a new staff member who has recently joined our team.

Prof Bob Swick will be concentrating on facilitating commercial trials and commercial research management for PHA.

Bob is a well-known poultry nutritionist both in Australia and worldwide and brings a wealth of knowledge to our team.

Welcome, Bob! 🐔



Workshop presenters from PHA Dr Amy Moss, Prof Gene Pesti and Assoc Prof Tamsyn Crowley



Prof Bob Swick has joined the Poultry Hub Australia team.



One of the many busy exhibition spaces at the International Production and Processing Expo, Atlanta, Georgia, US



One of the workshops run by Poultry Hub Australia at IPPE.

VISTA 360

THE NEW FEED PAN FOR SUCCESSFUL BROILER GROWING

- Easy access to feed for broilers of every age
- Minimal feed wastage
- No breast bruise in the final grow-out period
- Simple thorough cleaning



STOCKYARD
INDUSTRIES

Stockyard Industries
54 King Street,
Clifton QLD 4361

07 4697 3344

www.stockyardindustries.com

Poultry Industry Calendar of Events

2020

FEB 16-19 – Australian Poultry Science Symposium (APSS), Sydney NSW www.apss2020.com.au

MAR 25-26 – APF Poultry Nutrition Symposium, Bangkok, Thailand E: nmukhtar@uaar.edu.pk

MAR 25-27 – Mediterranean Poultry Summit, Cordoba, Spain www.mpn-wpsa.org/spain2020

APR 8-9 – National Poultry Show, London, Canada www.westernfairdistrict.com/national-poultry-show

MAY 17-19 – PIX/AMC, Gold Coast www.pixamc.com.au

MAY 26-28 – Meat, Fish, Seafood & Poultry Summit, Crocus Expo International Exhibition Center, Moskovskaya, Russia www.10times.com/meat-fish-seafood-poultry-summit

JUN 5-9 – National Poultry Show, Sydney, NSW www.rasns.com.au

JUL 7 – Annual Poultry Club Show, Ipswich Showgrounds, QLD

AUG 16-20 – World Poultry Congress, Paris, France www.wpcparis2020.com

NOV 4-5 – Poultry Xpo, Stratford, Canada www.poultryxpo.ca

How to supply event details: Send all details to National Poultry Newspaper, PO Box 387, Cleveland, Qld 4163, call 07 3286 1833 fax: 07 3821 2637, email: design@poultrynews.com.au

poultrynews.com.au

07 3286 1833

Want us to cover your event?

Get noticed by key poultry industry members!



NATIONAL
Poultry
NEWSPAPER

Email editorial@poultrynews.com.au or call 07 3286 1833

Everyone must be biosecurity aware

BIOSECURITY incursions are one of Queensland agriculture's greatest business risks, with exotic pests, diseases and weeds having a potentially crippling impact on both plant and animal production systems and animal health and wellbeing across the state.

While Australia's island status limits the risks from exotic pests and diseases, it does not eliminate the threat altogether, with more than 350,000 items of biosecurity concern intercepted across the country in 2018.

As the movement of people and goods around the globe increases, accompanied by a changing climate, the number of biosecurity incursions is unfortunately increasing.

Recent isolated rainfall and storms across the state has also encouraged the emergence of summer weeds that not only remove valuable soil moisture and nutrients, but also act as hosts for pests and diseases.

However, biosecurity



by **GEORGINA DAVIS**
CEO

incursions from further afield are not the agriculture sector's only concern, as many Queensland farmers face threats from our own shores.

The Queensland Farmers' Federation has been made aware of various incidences of Queensland Government officers entering onto farmland without observing their General Biosecurity Obligation.

This GBO ensures individuals and organisations whose activities pose a biosecurity risk have a legal responsibility to manage them and take all reasonable steps to ensure they do not spread a pest,

disease or contaminant.

Despite receiving assurances in the past that Biosecurity Queensland undertakes ongoing train-

ing with other government departments to ensure the GBO is embedded within government as well as industry, QFF has again written to the State Government to raise our concerns and we look forward to an appropriate response.

Additionally, we ask that should any poultry producers experience a similar disregard for biosecurity on their properties, they advise their industry body.

A successful biosecurity system requires scientists,

government, industry, and the community to cooperate.

It is a system of shared responsibility and imperative we all adhere to biosecurity requirements both on-farm and in general, and report suspected breaches to Biosecurity Queensland immediately.

With the number of biosecurity interceptions showing no sign of reducing, we must maintain vigilance and continue to remind everyone they have a GBO and a role to play. 🐔



Gary Sansom Scholarship applications open

THE prestigious Gary Sansom Scholarship aims to uncover future chicken meat industry leaders and champion important research working to boost the productivity and sustainability of chicken meat production.

After a successful inaugural launch in 2018, and two rounds of scholarships later, applications for the 2020 Gary Sansom Scholarship are now open.

The Gary Sansom Scholarship identifies high-quality students and, with the support of a generous bursary, allows one successful candidate to foster a career pathway in the chicken meat industry and support their industry-relevant research.

The scholarship is named in honour of the late Gary Sansom.

Mr Sansom was a former AgriFutures Chicken Meat Advisory Panel Chair and the Australian Chicken Meat Federation president.

AgriFutures Australia Manager, Research, Georgie Townsend said the scholarship supports Mr Sansom's vision for the industry – to ensure it is valued and respected by all sectors of the Australian community.

"It's important the scholarship is awarded to someone who is passionate about the chicken meat industry and wants the industry to thrive into the future," Ms Townsend said.

University of Adelaide PhD student Joshua An-

gove (pictured) was the recipient of last year's 2019 Gary Sansom Scholarship.

His research project aims to understand whether optimising breeder hen rearing environments can improve growth and carcass characteristics in the progeny they produce, while trying to understand the contributing physiology behind offspring performance variation.

"Chicken meat production has experienced unparalleled expansion globally, primarily through genetic advances and improvements in our understanding of bird nutritional requirements.

To continue this expansion, the chicken meat industry requires new economically viable approaches to propel the industry into the future.

Understanding and optimising the maternal environment is one potential approach.

"The end goal of my research is to develop and apply an economically viable targeted approach that utilises the maternal environment to enhance commercial chicken meat production," Mr Angove said.

"I encourage anyone interested in the chicken meat industry to apply for the scholarship.

"Over the past 12 months, with thanks to the scholarship, I attended the Australian Poultry Science Symposium in 2019 and will be presenting some of my findings at the 2020 symposium.

"I'm also planning on attending the Poultry Ideas Exchange Conference 2020 and hope to attend the World Poultry Congress in Paris later this year.

"As a young scientist attending conferences, and particularly those the Gary Sansom Scholarship has afforded me, the experience has been invaluable.

"Meeting industry and academic professionals has showcased opportunities across the entire poultry industry.

"I'm passionate and inspired to investigate these opportunities upon completion of my candidature."

The Gary Sansom Scholarship is open to Australian citizens and permanent residents undertaking a PhD, Masters, Honours degree or equivalent in an appropriate discipline.

The successful scholar will receive a stipend of up to \$35,000 for living expenses and undertake a research project that contributes applied outcomes to the production of chick-

en meat in Australia.

As part of the scholarship, the student will have access to an industry supervisor to support their study and career pathway.

Applications close March 31, 2020.

The successful applicant will be announced in May 2020 at the Poultry Industry Exchange Conference (PIX/AMC 2020).

For more information and to apply, visit agrifutures.com.au/people-leadership/scholarships/gary-sansom-scholarship



University of Adelaide PhD student Joshua Angove was the recipient of last year's 2019 Gary Sansom Scholarship.

There are two national egg industry bodies: **Australian Eggs** and **Egg Farmers of Australia**. The two organisations have different mandates but work collaboratively to provide services to, and representation for, Australian egg farmers.

Australian Eggs undertakes research and development and marketing activities to support the long-term prosperity of Australia's egg industry. But its funding agreement with the Federal Government prevents it from engaging in agri-political activity.

That's why **Egg Farmers of Australia** exists as a national representative body for eggs and the voice of Australian egg farmers. It was formed to do all the things **Australian Eggs** can't do, such as lobby politicians, provide a united voice on policy decisions affecting the industry and advocate for egg farmers.

In the table below the different but complementary roles of **Australian Eggs** and **Egg Farmers of Australia** are explained.



<p>Under its Statutory Funding Agreement with the Federal Government, Australian Eggs is unable to put forward industry policy positions.</p>	<p>EGG INDUSTRY POLICY POSITIONS</p>	<p>Egg Farmers of Australia consults with all levels of government and provides input and feedback on policy. It brings together all the state-based farmer organisations that represent egg farmers through a national voice.</p>
<p>Australian Eggs invests in research projects and marketing activities to improve the long-term sustainability of the egg industry.</p>	<p>SUPPORT FOR FARMERS</p>	<p>Egg Farmers of Australia speaks publicly on important topics such as welfare policy, trespass laws and the retail price of eggs.</p>
<p>Australian Eggs provides information about eggs through television, radio, websites, social media, agricultural shows, virtual reality experiences, and resources for teachers and healthcare professionals.</p>	<p>PROMOTION OF EGG FARMING</p>	<p>Egg Farmers of Australia provides information about egg farming and industry practices through the media, government submissions, parliamentary hearings and meetings with ministers and members of parliament.</p>
<p>Research focus areas are:</p> <ul style="list-style-type: none"> ➤ Biosecurity and flock health ➤ Animal welfare ➤ Food safety ➤ Feeding and nutrition ➤ Environmental sustainability 	<p>RESEARCH AND EXTENSION</p>	<p>The research findings developed by Australian Eggs are used by Egg Farmers of Australia in advocacy activities</p>
<p>Australian Eggs runs marketing campaigns to increase egg consumption in Australia.</p>	<p>MARKETING</p>	<p>Egg Farmers of Australia does not undertake marketing activities.</p>



FUNDING



<p>Marketing 32.5 cents per chick compulsory levy.</p>	<p>\$55 membership</p>
<p>Research 13.5 cents per chick compulsory levy with 50 cents of matched government funding for every \$1 of research levy raised.</p>	<p>4.5 cents per layer hen voluntary levy.</p>

To become an Egg Farmers of Australia member or corporate sponsor, please contact info@eggfarmersaustralia.org

Get noticed by key poultry industry members!

Posted and emailed free to the poultry industry!

Send us your:

- Media releases
- Industry news
- Product editorial
- New services
- Current research findings

Send to: editorial@poultrynews.com.au

or visit www.poultrynews.com.au



Gloves off in cage fighting

WHEN I dropped into the Wilson family's Fremantle Egg Company farm recently to buy my regular couple of dozen delightful mega-jumbos, I had a brief and typically enlightening chat with Ian Wilson.

Wearing his Commercial Egg Producers Association (WA) president's hat, he told me 1500-2000 signatures had already been collected in the petition he'd organised to shortly be delivered to Western Australia's Upper House of Parliament (the Legislative Council).

Though only one signature is required to present a petition, obviously those petitions with more signatures would show a greater public concern about the issue in question.

So concerned is Ian and fellow CEPA members that they are asking the House to examine:

- Egg shortages in WA supermarkets.
- Egg pricing decisions in WA, including why WA has lower egg prices than any other state or territory.
- The ability of suppliers to renegotiate prices when impacted by seasonal events such as drought.
- Supermarket auditing and traceability processes and standards to ensure consumers are getting what they pay for.
- Clarification on the support measures major supermarkets would provide to help commercial egg producers potentially expand free range egg production systems.

Ian, who will present the signatures and petition to Colin de Grussa, MLC, National Party Member for the Agricultural Region, on February 6, is pleased and I'd suggest not that surprised with the positive response.

He simply wants a fair go from the supermarkets and why not.

A petition is a request for action, open to any citizen or resident, or group of citizens or residents, to petition the Leg-

Cant Comment
by BRENDON CANT



I will add that one thing that did concern me about the decision by Coles is the marketing of \$3 free range eggs. It is difficult to see how it is possible for a producer to provide free range eggs at that price."

Without any prior industry consultation, Coles announced in May last year that it would no longer stock caged eggs.

Having to shell out big bucks at no notice to transition from cage to other systems is why many established WA egg farmers feel like they've been flipped unceremoniously from the frying pan into the fire.

islative Council to take action.

The matters raised in petitions vary from requests to change legislation to requests to review administrative decisions.

A petition is presented to the Council by a member of the House tabling it.

In other words, the principal petitioner must ask a member of the House to present the petition on their behalf.

Tabling means the member formally presents the petition to the House by reading it or a summary of it.

After the petition is tabled or presented, it is referred to the Environment and Public Affairs Committee for consideration and report.

The Committee usually then seeks advice of the member who presented the petition, the person who promoted it and the Minister(s) in whose area of responsibility the subject matter of the petition falls.

The principal petitioner will be advised of the outcome of the Committee's consideration and the Committee may report on the petition to the Council.

As for his interest in the financial welfare of WA's egg producers, de Grussa did question Minister for Agriculture, Alannah MacTiernan in Parliament in August last year about whether any modelling had been undertaken by the state government regarding the economic impacts, job losses or financial costs associated with banning the sale of caged eggs in WA.

In part, she answered:

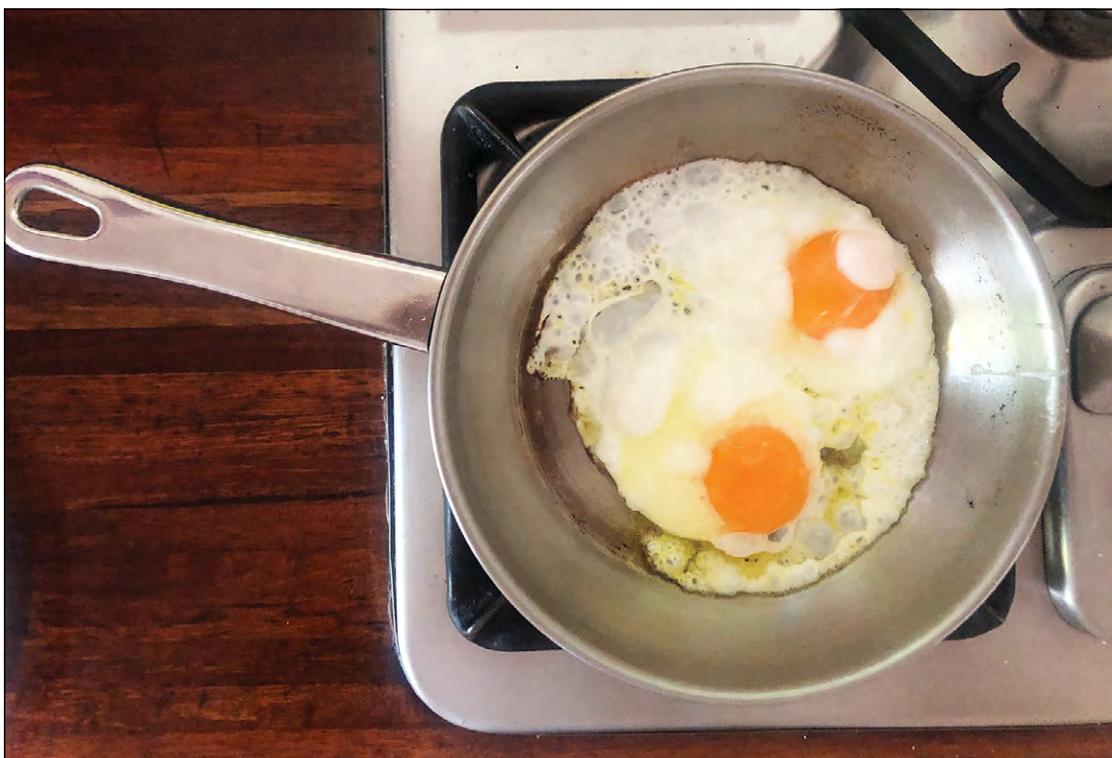
"Decisions by retailers as to what eggs they will sell, such as the recent decision by Coles to bring forward its phase-out of caged eggs from all stores in WA, presumably reflect their assessment of consumer sentiment.



Ian Wilson delivers when it comes to his eggs and his industry.



WA egg producers believe eggs produced under all sorts of different production systems can be plated up palatably for a variety of different consumers.



WA egg producers have panned Coles's decision to no longer stock caged eggs.

www.poultrynews.com.au

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



SHED DESIGN AND CONSTRUCTION

TSA is an expert and industry leader in agricultural shed design and construction and is proudly representing Agrotop Sheds, the world leader in livestock turn key packages and design in the region. We can offer full turn key projects with equipment install. We design each shed to the customers' specific needs. Finance options also available.



Agriculture Turnkey Projects



Technical Systems Australia Pty Ltd
Tel: (07) 5429 2028
Fax: (07) 5429 2038
Mobile: 0424 413 484
Email: scotty@tsa.tech

Equipment You Can Trust

Five steps to move your animals' nutrition at the pace of genetics.



INTRODUCING THE NEW Blueprint Chick Starter Pellet for Layers

Both genetics and management practices have been rapidly advancing in agriculture over the past 10 years.

The Blueprint® Nutrition Program is that next step in nutritional evolution.

Call your local Alltech Lienert representative to find out more!

Blueprint
NUTRITION PROGRAM

FORMULATED WITH
Alltech[®]
SOLUTIONS

Alltech[®] LIENERT

Alltech Lienert Australia
8 Roseworthy Rd | Roseworthy 5371 | SA | Australia

Tel: 1 800 649 231

alltechaustralia@alltech.com

alltechlienert.com.au  Alltech Lienert



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 0439 066 054
kym@nationalfeedsolutions.com.au
Luke 0439 066 006
luke@nationalfeedsolutions.com.au
Bill 0499 009 293
bill@nationalfeedsolutions.com.au

Suppliers of Elite nutrition and solutions
www.nationalfeedsolutions.com.au



PIX | AMC
POULTRY INFORMATION EXCHANGE AUSTRALASIAN MILLING CONFERENCE
17-19 MAY 2020

Poultry Hub Australia is excited to announce the PIX Young Industry Delegates Program

As a Young Industry Delegate, you will be able to immerse yourself in all that PIX has to offer.

The program includes all conference and workshop registrations, travel, accommodation and social function expenses, as well as co-ordinated networking opportunities and introduction to the PIX Committee.

If you would like to be a PIX Young Industry

Delegate you must:

- Be an Australian, New Zealand or Pacific Island resident.
- Hold a current position in broiler or layer production, poultry research or poultry technical services.
- Be 35 or under.
- Provide a letter of support from your manager/supervisor.
- Provide a brief resume and explanation of how attendance at PIX will

provide benefit through personal development or directly in your current role.

• Submit a short summary of the overall experience within four weeks of the event.

The PIX Young Industry Delegates Program is now taking applications! Applications close March 1, 2020.

To apply, visit poultryhub.org/pix-young-industry-delegates-program

Poultry Hub Australia travel grants on offer

POULTRY Hub Australia is offering two \$5000 travel scholarships in 2020.

Are you currently receiving funding through Poultry Hub Australia, AgriFutures Australia or Australian Eggs?

To be eligible to receive a scholarship you must:

- Be currently receiving funding through either Poultry Hub Australia, AgriFutures or Australian Eggs research programs.
- Provide details of

how attendance at the conference will provide benefit through personal development or directly in your current role.

• Submit a summary of the overall experience of the conference within four weeks of the event (template will be provided by PHA to successful applicants).

Applications close March 1, 2020.

To apply, visit poultryhub.org/pha-travel-scholarships



RETROFIT YOUR EXISTING TITAN FANS!

NEW ENERGY EFFICIENT DIRECT DRIVE RETROFIT OPTION FOR YOUR EXISTING 48" & 54" MODELS

STANDARD
FITTED WITH
AC MOTOR



RETROFIT
VARIABLE SPEED
DIRECT DRIVE



C/w - Electrical
Actuator Louvre
Control



- No need for Expensive Shed Alterations!
- Combining an EC Motor with Titan's Extremely Efficient Blade Technology
- Variable Speed Integral In Motor
- Electrical Actuator Louvre Control (AC 24... 240 V)
- HIGH CAPACITY
- Direct Drive – Less Maintenance
- No Belts, No Pulleys and No Centrifugal System
- Quick Turnaround Time, Combined with High Quality Materials & Superior Construction



CONTACT 0411 755 467 FOR MORE INFORMATION TODAY!



Local producers can now apply for innovation grants

LOCAL food and beverage producers can now apply for financial support from the Coles Nurture Fund to help them innovate and grow.

Coles has opened a new round of the Coles Nurture Fund to provide grants of up to \$500,000 for small businesses to develop new market-leading products, processes and technologies.

Food and beverage producers affected by bushfires or drought can also apply for financial support to help renew their business.

Coles chief executive officer Steven Cain encouraged small businesses to apply for financial support from the Coles Nurture Fund ahead of the deadline on March 20.

"At Coles, we want to win together with food and beverage producers by funding projects that drive innovation to inspire customers or improve sustainability on Aussie farms and production fa-

cilities," he said.

"As a proudly Australian company that began as a small business more than 100 years ago, supporting Australian producers to develop their businesses is a key pillar of our strategy to sustainably feed all Australians to help them lead healthier, happier lives."

Businesses with innovative ideas, fewer than 50 full-time employees and turnover of less than \$25 million in annual revenue are eligible to apply.

Since it was established in 2015, the Coles Nurture Fund has committed

more than \$21 million in financial support to over 50 Australian businesses to help them introduce ground-breaking technology, establish new products and improve productivity and efficiency.

Previous Nurture Fund projects include Australia's first quinoa processing plant and an automated indoor facility that grows highly nutritious cattle fodder in just six days.

To apply for round eight of the Coles Nurture Fund, log onto coles.com.au/nurturefund



Chinese poultry farmers in coronavirus-stricken province destroying birds

SOME poultry farmers in the province at the heart of China's coronavirus outbreak are having to euthanise young birds as new rules to contain the disease have paralysed the transport of feed supply and live animals to slaughterhouses.

The ban on the movement of live poultry, believed to be a potential disease risk, has stopped farmers in Hubei from getting chickens and eggs to market, reported Reuters.

Hubei is home to Wuhan city, where the coronavirus was first identified.

The epidemic had killed 426 people and infected more than 20,000 nationwide at the time of going to print.

Lacking feed for their birds, some farmers are

feeding them less, while others are destroying some of their flock, according to a Hubei Poultry Association official, who declined to be identified as he is not authorised to talk to media.

"So many young birds were safely disposed of," the official said, though he didn't say how many had been killed or how.

Last week, the association appealed to the government to allow in feed supplies.

"Farmers have no way of getting by," said one farmer who preferred to be identified only by her surname Chen and who produces about 7000 eggs a day near Huanggang city.

"I am using up my feed stocks and don't know how I'm going to get my eggs out."

Videos have circulated on Chinese social media appearing to show farmers in unspecified locations burying chicks, ducklings and adult ducks alive, as well as eggs.

Reuters was unable to verify the videos, or confirm when and where they were filmed.

China produced 22 million tonnes of poultry meat in 2019, up 12 percent on the year earlier amid a pork shortage caused by African swine fever.

Hubei slaughters about 500 million birds each year and is an important egg producer.

Provinces elsewhere have been impacted too, according to analysts, with villages and counties across China erecting blockades on roads in a bid to keep the

coronavirus out.

Hatcheries that sell day-old chicks or ducklings to farmers to raise before being sent to slaughterhouses are especially hard hit.

With severe restrictions on transport, farmers are unable or unwilling to buy new chicks to restock their farms, said Dong Xiaobo, China general manager for France's Orvia, China's second-biggest supplier of breeding ducks.

"Prices hit a bottom of 5 cents per duckling," he said.

"Nobody knows what to do with their production."

Rabobank senior analyst Pan Chenjun said many slaughterhouses are also operating at reduced capacity because they cannot find sufficient labour.

Top poultry processor New Hope Liuhe Co Ltd said on February 4 its operations had been impacted by the delayed return to work in its factories.

With a life cycle of about 42 days, supplies of fast-growing meat chickens could plunge in about two months, Pan said, though the impact would likely be short-term unless coronavirus-related measures are extended.

Top Chinese broiler breeder Shandong Yisheng Livestock and Poultry Co Ltd said on February 4 its operations had not been impacted, "as of now".

Its shares closed down 3.78 percent at 22.1 yuan.



Food for thought: teaching our farmers of tomorrow

THE Australian Government is working to ensure our farming future by investing \$5 million to bring kids and farms closer together.

Minister for Agriculture Bridget McKenzie said kids were increasingly removed from directly experiencing life on the land, which was a barrier to choosing agriculture as a career and allowed myths to perpetuate.

"Australian agriculture has a bright and prosperous future, so we need to place a high value on educating young people about where – and how – their food and fibre is produced," Minister McKenzie said.

"That's why we are delivering on an election commitment and investing up to \$5 million towards the Kids To Farms program, which is all about

bringing farms and kids closer together.

"I don't want kids to think cotton is made from animals or that yogurt grows on trees."

"We need to think now about the farmers of tomorrow and how important it is for kids to have a greater understanding of the mighty contribution agriculture makes to Australia's way of life, regional communities and the economy.

"This new program will encourage young people to better understand and get excited about agriculture, including the many career opportunities it offers.

"Our future workforce will operate drones, use satellite technology and deploy precision agriculture techniques.

"We need more opportunities for young people to engage directly with agriculture, to see their food and fibre

growing, and hear firsthand about our increasingly innovative industry that sustains our land as well as feeding and clothing the world."

State Farming Organisations are the eligible applicants for grants to deliver Kids To Farms, which is part of the Australian Government's \$10 million Educating Kids About Agriculture election commitment.

Consortia applications are welcome and interested parties should contact their State Farming Organisation to express their interest in partnering on projects.

Grant applications opened on January 30, 2020 and close February 26, 2020.

Details about the program and how to apply are available on the Community Grants Hub at communitygrants.gov.au





AAS

AUSTRALASIAN AGRICULTURAL SERVICES PTY LTD

View our full range of **climate control, floor equipment, structures, layer equipment and incubation systems** on our website



Call Now
07 3829 3242

Visit Our Website
ausagservices.com.au





Brazil urges India to cut import taxes on chicken products

BRAZIL wants India to cut its import taxes on chicken and chicken products so it can cash in on India's burgeoning demand for poultry and poultry products as incomes rise and food habits change.

India imposes a 100 percent import tax on chicken products and a 30 percent duty on whole chickens, too high for countries such as Brazil and the US to gain a foothold in the market, where the poultry industry is growing at more than 10 percent a year, reported Reuters.

During a visit to India, Brazilian Agriculture Minister Tereza Cristina Dias said, "We would like to urge India to lower its tariffs on chicken and chicken products, which are far too steep."

"Brazil would also like to import an array of goods from India.

"Our trade ties can be a win-win situation for both countries as we're equally keen to import from India and offer any techni-

cal know-how that India might look forward to."

The US also wants India to lower its import duties on chicken – a request that has unnerved the domestic poultry industry, which is opposed to any cut in the tariffs.

Brazil would like to work with India on ethanol production, which would help New Delhi use more ethanol blends of gasoline, Dias said.

India dislodged Brazil as the world's biggest sugar producer two years ago, and higher sugar output since then has led to large inventories and a freefall in local prices.

To overcome the glut, mills in India are now trying to divert sugar cane to produce more ethanol than sugar.

But in comparison with Brazil, India's biofuel industry is still in its nascent stage.

Asked if the Brazilian delegation discussed the issue of India's sugar subsidies, Dias said: "We have not talked about sug-

ar at all – the issue is already at the World Trade Organization."

Brazil has taken India's subsidies for sugar exports to the WTO, saying they are not in line with WTO rules and would hurt free competition in the global market.

Australia and Guatemala have also questioned the subsidies at the WTO.

India, struggling with surplus sugar supplies, has approved a subsidy of \$A216 a tonne for exports in the 2019/20 season – a move that encouraged mills to clinch overseas sales deals early this year.

India's Minister of Consumer Affairs, Food & Public Distribution Ram Vilas Paswan asked Dias to let India export corn seeds and onions to Brazil as a reciprocal measure, as New Delhi has already allowed Brazil to sell commodities such as corn, cotton and soybean to India.

India first urged Brazil to buy both corn seeds and onion in 2012.

Emerging market for alternative proteins an opportunity for Australian agriculture

RESEARCH into the changing landscape of protein production in Australia estimates there will be an additional opportunity of \$19.9 billion for the sector by 2020, of which \$3.1 billion is attributed to alternative protein categories.

There is good news for Australian protein producers, with a recent study concluding there is more than enough room for both animal-based and alternative proteins in the Australian market.

Forecast global demand for protein is strong and will accommodate growth in both sectors.

The newly released report, 'The Changing Landscape of Protein Production', funded by AgriFutures Australia's National Rural Issues Program and delivered by the Australian Farm Institute, provides ground-breaking analysis that estimates there will be additional opportunities for the Australian protein sector by 2030.

This includes \$8.9 billion for Australian animal proteins, \$7 billion for traditional plant-sourced proteins, while alternative protein products could deliver a \$3.1 billion opportunity for

Australian agriculture. Alternative proteins are those foods that act as a substitute for traditional animal-sourced protein.

This includes plant-sourced and non-traditional proteins including plant-sourced meat, dairy and egg substitutes, cultured or cellular meat, insects and algae.

AgriFutures Australia managing director John Harvey said this research provides important analysis not only on the size of the alternative protein trend, but more critically, on the implications for Australian producers and investors.

"We now have the facts about the aggregate opportunities for Australian agriculture in response to an emerging market for alternative proteins up to 2030," Mr Harvey said.

"This means we can replace speculation with reliable forecasts to underpin policy, regulatory changes and advocacy positions."

Mr Harvey added that prioritising producing enough protein for the growing global population requires a united front.

"Segregation and competition between traditional and alternative

protein producers is not as big a threat as expected," he said.

"Enabling traditional and alternative protein producers to work in collaboration – such as using the by-product of insect farming as feed for chickens, pigs and fish – will provide a mutual sustainability benefit."

Australian Farm Institute executive director Richard Heath said while there's been a lot of hype around the potential of so-called 'fake meat' as a disruptor to the livestock industry, this research shows the emerging market for alternative proteins should not be seen as a threat to existing production systems but as a means of diversifying choices for producers, processors and consumers.

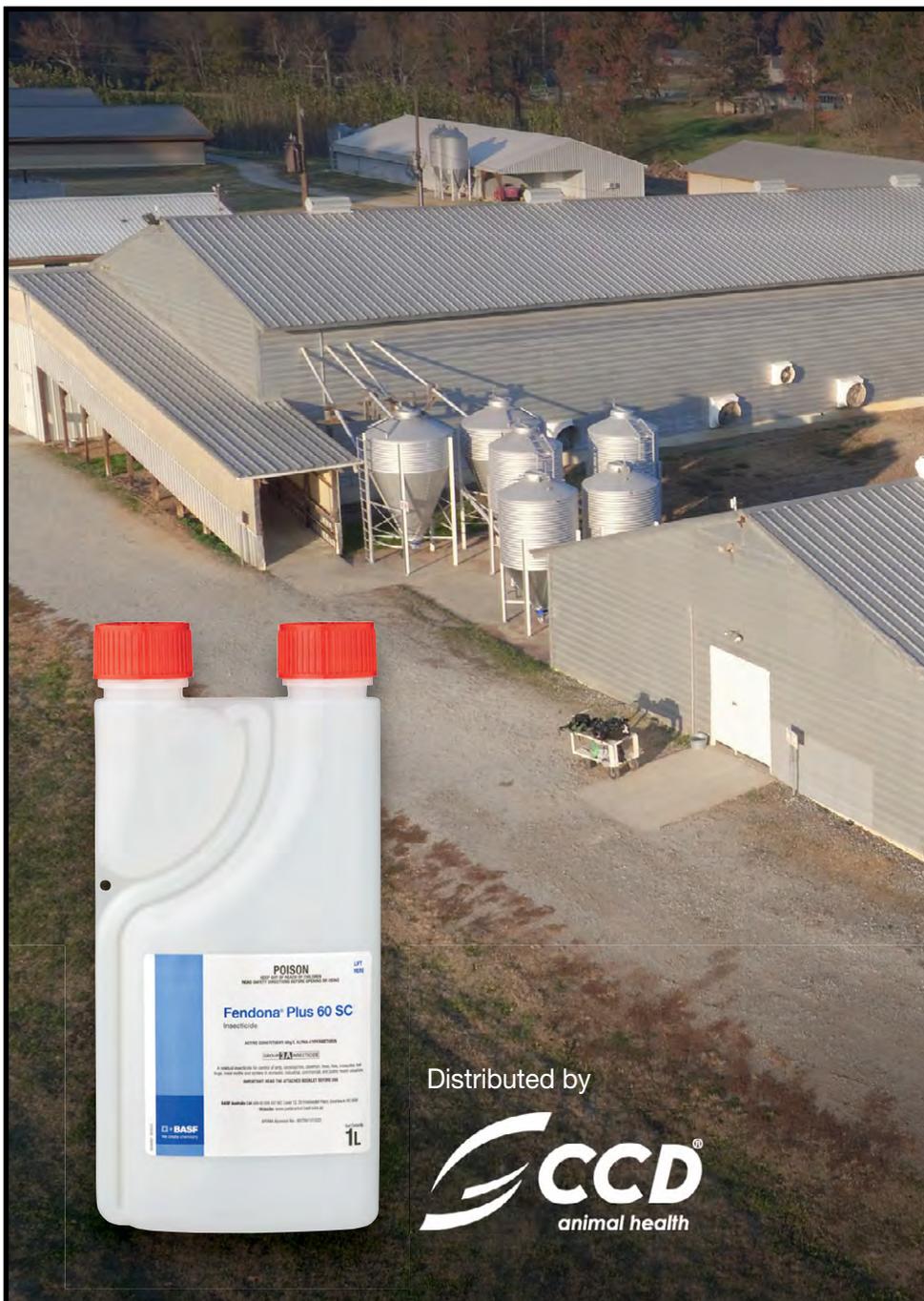
"New demand for animal protein from a

growing global population will outweigh any additional market share that alternative proteins may gain in the next decade," Mr Heath said.

Alternative proteins will be discussed at evokeAG. 2020, and capitalising on new diets will be part of the keynote presentation from Hungry Jack's founder Jack Cowin and a panel discussion on how to make room on the plate for both traditional protein and new protein.

AgriFutures Australia's National Rural Issues Program invested in this research as part of its mandate to lead cross-sectoral research into rural issues of national and global significance.

Download the report from AgriFutures Australia at agrifutures.com.au



BASF

We create chemistry

Fendona® Plus 60SC

Insecticide

- Specifically developed for use within poultry sheds, for the control of litter beetles and a range of flying and crawling insects
- High performance residual insecticide offering rapid knockdown
- Low dose formulation provides the flexibility of a clean-out and maintenance application rate

For more information on Fendona Plus 60 SC, visit crop-solutions.basf.com.au or contact your local CCD Representative on 1300 791 009



Distributed by



@basfpestcontrolau

ALWAYS READ AND FOLLOW LABEL DIRECTIONS.

© Copyright BASF 2019 © Registered trademark of BASF. W239831 12.2019

The perfect production partnership

At SBA, we know the perfect egg begins with a quality layer. That's why we've spent over 50 years ensuring our customers benefit from a dependable supply of genetically superior Hy-Line and Lohmann day-old chicks and point-of-lay pullets.

As the largest specialist supplier to Australia's egg farms, we continue to invest in the world's most technically advanced breeding facilities – and offer on the ground husbandry and technical advice so you can continuously improve productivity, feed conversion and egg quality.

At SBA, quality is just part of our DNA.



Solar Eggs Farms – SafeWork SA

Enforceable Undertaking case study



SOLAR Eggs Farms Pty Ltd managing director Jonathan Attard is a third-generation primary producer that supplies over a million free range, barn laid and caged eggs each week across six different brands.

Started in 1927 by Jonathan's grandfather, the business has progressively evolved from a hobby farm into an innovative market leader in South Australia, employing about 60 people at their Barossa farm and North Plympton sites.

Solar Eggs Farms is a leader in biosecurity and has developed its own certification process, exceeding the current national industry standard.

Workplace incident

On February 1, 2017, an employee was operating a Moba 2000 egg grading and packing machine at the Barossa farm.

The employee observed an egg fall in between the drop tray and the conveyor landing and with the plant still in operation, reached into an unguarded area that contained a moving conveyor chain, resulting in an amputation injury to four fingers on the right hand.

The index finger was successfully reattached to the employee's hand, however the remaining three fingers were permanently amputated.

SafeWork SA investigation

SafeWork SA inspectors attended the Barossa farm site the same day of the incident and issued a statutory notice prohibiting the use of the Moba due to inadequate guarding and commenced a full investigation into the incident.

The following day, SafeWork SA inspectors returned to the site and were satisfied that adequate measures had been taken by Solar Eggs Farms to address the immediate risks identified in the prohibition notice, returning the plant to operation.

Subsequent statutory improvements notices were issued for guarding, and the development of safe systems of work relating to the operation and maintenance of the Moba.

These notices were duly complied with.

"We didn't see that particular machine as being a problem at all as everything was OK based on standard walkthroughs we conducted and risk assessment checks," Mr Attard said.

"In hindsight, there is more we could have done."

Review of the plant

After the initial investigation with SafeWork SA inspectors, Solar Eggs Farms made improvements to the Moba with additional guarding.

Attard admitted prior to

the incident, risk assessments were conducted by using what he described as a "common sense" approach.

Solar Eggs Farms has transformed from taking an operational and reactive approach on safety to one of prevention and proactiveness.

Since the incident on February 1, 2017, Solar Eggs Farms has redirected its focus where hazard identification and risk assessments are concerned to, not what you think shouldn't happen, but what could happen.

This change in the company's safety culture has reinforced management's responsibility where safety is concerned and empowered workers to speak up about safety-related issues through the introduction of an effective reporting and consultation process.

"Adjusting workplace thinking to a preventative approach and consultation is a big change in our business," Mr Attard said.

"We are now involving our staff and core people in safety decisions."

Solar Eggs Farms has recently decommissioned the Moba and replaced it with an egg-packing machine – the SANOVO Farmpacker 40.

"The Farmpacker is a lot smaller in size and, unlike the Moba, only packs eggs and does not grade them," Mr Attard said.

"This better suits our business needs as all eggs are graded at the North Plympton production site in line with biosecurity requirements."

Entering into an Enforceable Undertaking

Following the investigation into the incident, Solar Eggs applied to enter into an Enforceable Undertaking with SafeWork SA as an alternative to a prosecution.

An EU is a written, legally binding agreement proposed by a company or individual following a contravention or alleged contravention of the WHS Act 2012 (SA) and alternative to prosecution.

SafeWork SA executive director Martyn Campbell said enforceable undertakings were not a way to avoid prosecution, but as an alternative enforcement option to rectify breaches of the Act.

"Applications for EUs are assessed on a case-by-case basis and need to demonstrate benefits to the workplace, their industry and the wider community," Mr Campbell said.

"Not all applications for

EUs are accepted.

"The benefit to businesses is EUs allow for more flexible and broad outcomes than what is available through prosecution and the courts."

Initiatives contained in an EU aim to resolve both the behaviour that led to the contravention or alleged contravention, as well as rectifying the consequences.

"EUs are strictly monitored by SafeWork SA as the regulator," Mr Campbell said.

"If there is a breach of an EU, there is the option to seek to prosecute for the original breach of the Act."

The focus for Solar Eggs Farms when negotiating the EU was to create positive outcomes for everyone involved while looking at the workplace holistically.

"The fact we had done so much work in improving our workplace safety in the two years after the incident was taken into consideration by SafeWork SA when we applied to enter into an EU," Mr Attard said.

Some of the actions included as part of the EU agreement between Solar Eggs Farms and SafeWork SA included:

- Dissemination to workers, industry stakeholders and the community about the EU;
- Supply goods or services to the injured worker to assist with day-to-day requirements;
- Engage an external safety advisor a day per fortnight for the duration of the EU;
- Provide safety-related refresher training to workers and maintain a training database;
- Ensure Solar Eggs Farm's safety management system is audited by accredited safety auditors;
- Commitment to implement recommendations from the audit;
- Develop a safety alert related to the Moba or similar plant and disseminate to industry; and
- Enable SafeWork SA to undertake a compliance audit of egg grading/sorting plant.

"When we were looking at developing the EU, SafeWork SA provided a reasonable amount of flexibility with how we could include good outcomes for our employees and the process has made us look at the workplace holistically," Mr Attard said.

A business or individual may apply to vary or withdraw an EU.

Requests to vary an undertaking will only be considered if:

• It does not alter the intention of the original undertaking;

• Compliance with the original undertaking is subsequently found to be impractical; and

• There has been a material change in circumstances.

Benefits from an Enforceable Undertaking

If the application for an EU is accepted by the Regulator, a SafeWork SA inspector is allocated to work closely with the business to verify that the activities outlined in the EU agreement are completed and assist in resolving any issues at the earliest opportunity.

For Mr Attard, he is clear that the EU has had immediate benefits and allowed him to redirect his energy and reinvest money otherwise spent in fines, had Solar Eggs Farms been prosecuted.

"Everything has been a learning experience," Mr Attard said.

"As a business owner, I thought I knew what I needed to know when it came to workplace safety requirements.

"Regular interactions with SafeWork SA to provide guidance and clarity with any questions and ensure we stay on track has been really valuable."

Solar Eggs now prescribes to safety not being something you look at once a year, but something assessed and reviewed every week and every day.

Safety is at the front of mind for everything the organisation does.

Further information

An advisory service is provided by SafeWork SA if you wish to find out more information regarding the EU process.

To have a conversation about the development of an EU, on a without-prejudice basis, please contact SafeWork SA on 08 8303 0294.

Further information regarding the EU process is contained in the 'Guidelines for the acceptance of enforceable undertakings' and the 'Application for proposed enforceable undertaking template'.

Safety reminder from SafeWork SA

SafeWork SA reminds businesses of their responsibility to provide and maintain safe plant and to ensure safe use, handling and storage of plant.

We also remind businesses to check any plant bought second-hand or imported from overseas meets Australian Standards design requirements and as far as is reasonably practicable, that the plant is without risks to the health and safety of any person.

Further information is also available on managing the risks of plant in the workplace at safe.work.sa.gov.au

Join the NPN email list to receive your FREE digital paper!

NATIONAL Poultry NEWSPAPER

Vol 1, No. 5 May 2018 National Poultry Newspaper PO Box 387 Cleveland 4163 Phone (07) 3286 1833 Fax (07) 3521 2537 Email ben@poultrynews.com.au

Australian Eggs builds on Sustainability Framework

Poultry Hub is industry aligned and impact driven

PIX AMC 3-5 JUNE 2018

NEXT-GENERATION HIGH-PERFORMANCE FANS

Sign up online

www.poultrynews.com.au

31st Annual Australian Poultry Science Symposium



February 16-19, 2020 | **SYDNEY, AUSTRALIA**

Major Themes/Hot Topics

- Layer Nutrition
- Food Safety & Health
- Welfare
- Antimicrobial Stewardship
& Alternatives
- Product Quality

Confirmed speakers

- Filip van Immerseel - Belgium
- Kapil Chousalkar - South Australia
- Shai Barbut - Canada
- Tamsyn Crowley - New South Wales
- Doug Korver - Canada
- Peter Plumstead - South Africa
- Gonzalo Mateos - Spain

DRAFT PROGRAM AVAILABLE ONLINE

- ~ 250+ Attendees
- ~ 50 Paper Presentations
- ~ 21 Posters
- ~ 3 Social Evenings

APSS offer loads of industry relevant content and a myriad of networking opportunities... **DON'T MISS IT!**

3-Day Conference Prices

- Non-member - \$950
- Member (PRF/WPSA) - \$850
- Student/concession \$350
- All-inclusive package deal \$2250*

* Limited number of all-inclusive packages remaining, available until SOLD OUT.

Pre-registration
+ Debate Night
Sunday, Feb 16, 2020

3 Day Conference
Monday 17 - Wednesday 19,
Feb 2020

Symposium Dinner
@ Sergeants Mess
Tuesday Feb 18, 2020



**Sheraton
Grand**
SYDNEY HYDE PARK

Register online today: www.apss2020.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 poultry industry.

Whatever the job you need to accomplish, here's a group of business cards that guarantee you the best available.



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

REDUCE YOUR ENERGY COSTS WITH ...

- Fan covers • Door covers
- Brooder/air control curtains
- Thermal & blockout blinds
- Poultry shade sails
- Cool cell covers



Phone 1300 059 003
Email info@polytex.net.au
Web www.polytex.net.au

TARPAULLINS




Regional Sales Representatives

Damien Kelly (Vic) Tel: 0448 273 114	Juan Diaz (Vic) Tel: 0429 125 448
Michael Pretorius (NSW) Tel: 0409 600 377	Shane Nicholson (Qld) Tel: 0427 200 262
Tina Grech (SA) Tel: 0407 608 179	Michael Pritchard MTB - Biosecurity Tel: 0407 764 850
Bruce Lockwood (Qld) Tel: 0400 700 559	1800 649 231

Altech Lienert Australia
8 Roseworthy Rd, Roseworthy 5371, South Australia

altechlienert.com.au

Rosetta Management Consulting Pty Ltd
Poultry Health, Welfare and Food Safety

Rod Jenner B.V.Sc (Hons)
Veterinarian

34 Norman Drive
Cornubia, Qld 4130

0418 877 521
rod_jenner@hotmail.com



RON SANDAY
Owner & Operator

0404 489 573
Ron@RDGSanday.com

40 Glenning Rd
Glenning Valley, NSW, 2261

RDGSanday.com
Please send bills and invoices to invoices@rdgsanday.com



Brad Tresidder
Managing Director

0488 282 424 | + 61 3 9021 7707
brad@tresidders.com.au
www.tresidders.com.au



Luke Chrzanowski
Associate Director

0432 594 805 | + 61 3 9021 7703
luke@tresidders.com.au
www.tresidders.com.au

Suppliers of Elite nutrition and solutions

NATIONAL FEED SOLUTIONS Pty Ltd

Kym Miller 0439 066 054
Luke Steinborner 0439 066 006
Bill Steinborner 0499 009 293
Kate Parry 0448 340 619

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

TECHNICAL SYSTEMS AUSTRALIA PTY



Scotty Miller
DIRECTOR

PO BOX 30, Donnybrook QLD 4510 AUSTRALIA
86 Berrurum-Donnybrook Road, Donnybrook

PHONE: 07 5429 2028 INT: +61 7 5429 2028
MOBILE: 0424 413 484 FAX: 07 5429 2038
EMAIL: scotty@tsa.tech WEB: www.tsa.tech



Alison Leary
0487 777 089

Fiona Selleck
0428 247 272

Fabian Barcelo
0447 444 674

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

Mark Hawes
BScNano(Hons), MBA
National Sales Manager
Bulk Storage Division



12 Keith Campbell Court
Scoresby Vic 3179
+61 (03) 9702 4855
Facsimile: (03) 9702 4865
0447 852 211
mhawes@lgpm.com.au

www.mightybulk.com.au



Lawrie Coutts
Technical Service Manager – VIC

0475 802 675
lawriecoutts@specialisedbreeders.com.au



Tim Smith
Technical Service Manager – NSW

0407 104 185
timsmith@specialisedbreeders.com.au

NATIONAL Poultry NEWSPAPER

Ben Collins
Managing Editor
BBus DipBusMan GradDipEd

Phone: 07 3286 1833
Fax: 07 3821 2637
Mobile: 0439 708 602
Email: ben@poultrynews.com.au

PO Box 387 Cleveland Q 4163 | Unit 2, 39 Enterprise St, Cleveland Q 4163
www.poultrynews.com.au



Jonathan Leslie
National Sales and Marketing Manager

0459 893 518
jonathanleslie@specialisedbreeders.com.au



Dieter Karlin
Technical Service Manager – QLD/WA

0418 131 119
dieterkarlin@specialisedbreeders.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 +617 3723 9844 F +617 3271 3080
E d.isaac@becfeed.com.au
W becfeedsolutions.com.au





Mark Connors
PhD & B. Agric. Sc
NATIONAL SALES & TECHNICAL MANAGER

M +61 477 021 188
P +617 3723 9886 F +617 3271 3080
E m.connors@becfeed.com.au
W becfeedsolutions.com.au




A new opportunity for organisations or industry to support the 'next gen' of Australian agriculture

IN partnership with a range of industry sponsors, the AgriFutures Horizon Scholarship is calling for organisations to support the 'next gen' of leaders, game changers and influencers in Australian agriculture.

AgriFutures already partners with a range of industry sponsors to help grow and support the next generation of leaders and is now looking for organisations to get involved, share their experiences and sponsor individuals through their final two years of university.

AgriFutures Australia general manager, Com-

munications & Capacity Building Belinda Allitt said it's important to focus on the next generation of leaders.

"To do this well we're expanding our network to organisations who are committed to developing young people in agriculture," Ms Allitt said.

"The AgriFutures Horizon Scholarship attracts students who are collaborative, dynamic and passionate, with the capability to be future leaders of our industries.

"We want to match our Horizon scholars with organisations who see the world in the same way and who want to

make a difference to their communities."

Ms Allitt said the AgriFutures Horizon Scholarship had the potential to be an in-house graduate program for organisations who may not have formal graduate programs, yet they are looking for potential employees who really understand their business.

"This is a great opportunity for any organisation that is committed to Australian agriculture by training, mentoring and supporting a young person through the final two years of their degree," she said.

The current sponsors of the AgriFutures Horizon Scholarship are: Australian Eggs, Australian Wool and Innovation, Cotton Research and Development Corporation, Dairy Australia, Grains Research and Development Corporation, Horticulture Innovation Australia Limited, McCaughey Memorial Institute, Meat & Livestock Australia and AgriFutures Australia (Rice and Chicken Meat research programs).

Along with the bursary, scholars complete annual industry placements and a week-long

capacity-building workshop, which helps them to further develop their presentation, design thinking and collaborative skills.

Throughout their time in the program, scholars are exposed to a range of professional contacts and networks, including opportunities to attend industry events, gaining vital knowledge and insights into a range of rural industries.

Applications have closed and we have a list of the brightest young minds in agriculture.

If you are looking for future employees and are passionate about capacity-building talent, we want to hear from you.

If you're interested in finding out about how you can be involved, please contact Brooke Croft, manager, People and Leadership at brooke.croft@agrifutures.com.au

More information can be found about the program at agrifutures.com/people-leadership/horizon-scholarship

Meet the 2019 cohort at agrifutures.com.

agrifutures.com/people-leadership/horizon-scholarship/scholars/2019-scholars



NFF welcomes additional drought relief measures

NATIONAL Farmers' Federation president Fiona Simson recently took part in the first meeting of the Federal Government's National Drought and North Queensland Flood Response and Recovery Agency Advisory Board, led by Shane Stone, in Orange, NSW.

The meeting coincided with an announcement of further support for local governments and schools by Prime Minister Scott Morrison and Drought Minister David Littleproud.

Ms Simson said the NFF's representation as a member on the Advisory Board was focused on ensuring the ongoing needs of both farmers and communities managing drought were met, and to ensure Australia was better prepared for the next drought.

"The worst drought conditions in 100 years continue to impact vast areas of Australia," Ms Simson said.

"Recent rainfall was welcomed and has provided relief in some areas, but this moisture will rapidly disappear as we head into more record temperatures with no follow-up rain on the horizon.

"We need regular and significant rainfall before this drought looks anything like being over.

"Even when the rains do

come, the recovery period will extend over years for many farming businesses."

The Government recently expanded the Drought Communities Programme, providing 52 additional councils with up to \$1 million.

"We know the hardship of drought extends way beyond the farmgate," Ms Simson said.

"Money for local governments to invest in projects and programs that individual councils deem appropriate has the potential to create jobs and provide a morale boost for communities."

The NFF also welcomed the Government's announcement of an additional \$10 million for non-government schools to help keep kids impacted by drought, in school.

"Continuity of access to education and social opportunities is important for regional and remote students," Ms Simson said.

"Many children in our drought-affected rural areas attend school away from home because of the tyranny of distance.

"This imposes a considerable cost on a farming family's dwindling budget.

"It's our strong hope this money for non-government schools will be directed to school fee re-

lief to ensure children's all-important education is not disrupted."

Ms Simson said the NFF continued to call for direct support measures for farmers managing drought.

"The enduring impact of this drought on the landscape and on farmers' financial positions cannot be overstated," she said.

"Recently, with an audience of the Prime Minister, Minister Littleproud and Mr Stone, I urged the Government to continue its focus on supporting rural Australia through this drought.

"The priority is to address the immediate cash flow needs of farmers, to keep people employed on farm and in our towns and to develop a plan for recovery.

"The NFF continues to advocate for local government rate relief and help with payroll expenses for farming businesses to keep people in jobs for when the rain does come.

"The NFF notes some states have provided payroll tax, stamp duty and water rates relief to fire-affected residents.

"These types of measures are immediate and material.

"They help reduce the stress of seemingly never-ending bills when there's no income to cover them."

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

SANTREV
THE POULTRY HOUSE CONSTRUCTION SPECIALISTS

Phone: 1300 815 888
(+61) 07 3281 3200
Fax: 1300 816 888
(+61) 07 3281 8295
enquiries@santriv.com.au
PO Box 95, Ipswich
Queensland Australia 4305
www.santriv.com

The Chicken Grower's Choice

LALLEMAND ANIMAL NUTRITION

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

www.lallemandanimalnutrition.com

SPECIFIC FOR YOUR SUCCESS

LALLEMAND

Patarker Pty Ltd
Distributors in NSW to the poultry, dairy and pig industries

Michael Bigeni BCom, BAppFin
Customer Service

8 Robertson Place,
Jamisontown NSW 2750 Australia
Phone: 02 4732 5520 Facsimile: 02 4732 5275
Mobile: 0410 663 005 Email: michael@patarker.com.au

AAS
AUSTRALASIAN AGRICULTURAL SERVICES PTY LTD

Peter Mathews
Director
0408 260 406
peter@ausagservices.com.au

18 Lennox Street
Redland Bay, QLD 4165
Australia
P: 07 3829 3242
F: 07 3829 1906
www.ausagservices.com.au

STOCKYARD

Steven Clohesy
Mobile: 0427 733 141
Email: steven@stockyardindustries.com

Tin Phung
Mobile: 0400 075 193
Email: tin@stockyardindustries.com

54 King Street, Clifton
Queensland, Australia 4361
Telephone: 07 4697 3344
Facsimile: 07 4697 3532

www.stockyardindustries.com

Better outcomes through advanced systems

Mark Bennett 0427 627 774
Branko Karacnji DVM 0448 055 159
Veterinarian
Steven Black 0437 627 000
Ronnie O'Rorke 0419 648 433

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

R & E SHEDS
Built to Last

Etienne Mifsud
Mob: 0428 481 811
Mob: 0417 481 811
Office: 02 4774 8764
Email: reshed@bigpond.com

Lot 63 Mersey Rd
Bringelly NSW 2556
Fax: 02 4774 8415

THE UNIVERSITY OF SYDNEY

Associate Professor Peter Groves BVSc MANZCVS PhD
Director Poultry Research Foundation

Faculty of Science
The University of Sydney - Camden Campus
N138 JL Shute Building C01
425 Werombi Road, Brownlow Hill NSW 2570 Australia
+61 2 9351 1612 +61 2 9351 1693 (fax) +61 418 118 005
peter.groves@sydney.edu.au
sydney.edu.au

PRF
Enhancing poultry performance

NATIONAL Poultry NEWSPAPER

Advertise your business card here
call 07 3286 1833

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

poultrynews.com.au • ben@poultrynews.com.au

First PIX/AMC keynote speakers announced



IN the lead-up to the Poultry Information Exchange/Australasian Milling Conference being held from May 17-19, 2020, two keynote speakers have been announced, covering both the poultry and milling genres.

Michael McQueen

Michael McQueen is a multi-award-winning speaker, trend forecaster and bestselling author of eight books.

With clients including KPMG, Pepsi and Cisco, he has helped some of the world's most successful brands navigate disruption and maintain momentum.

Michael is a regular commentator on TV and radio and his work has featured in publications ranging from the UK Daily Mail to medium.com and the Huffington Post.

In addition, Michael is a familiar face on the international conference circuit, having shared the stage with the likes of Bill Gates, Dr John Maxwell and Apple co-founder Steve Wozniak.

Michael has spoken to over 500,000 people across five continents since 2004, and is known for his engaging, entertaining and practical conference presentations.

Having been recently named Australia's Keynote Speaker of the Year, Michael was inducted into the Professional Speakers Hall of Fame.

Tony Hunter

Tony Hunter is a Global Food Futurist consultant specialising in the Agri-Food Tech sector.

He is a qualified food technologist and was previously general manager of two food manufacturing businesses.

With over 30 years' experience in agrifood tech, he has consulted for many

major global and Australian companies.

He appears regularly on radio in Australia and speaks at agrifood tech conferences worldwide as well as blogging regularly on his website (www.futuristforfood.com) discussing the latest technologies affecting food.

He has over 30 years' experience in the chicken, beef, sheep and pork industries and has consulted for many companies in the animal agriculture industry, including three years' consulting for the KFC Global and Australian businesses.

He is an acknowledged expert in the very topical area of alternative proteins including cell, plant-

based, insects and others.

This industry experience, combined with his food science and technology background, means he presents on a factual basis without any ideological bias.

His strategic foresight expertise centres around his FutureCUBED methodology and FutureMind foresight sessions.

He uses these to help companies understand how new technologies will affect them and how they can profit from this knowledge.

The conferences Tony has presented at include Feed Additives Asia in Bangkok, May 2019, and he has been published in the feeds industry publication FeedIn-

fo News Service on several occasions.

As FeedInfo Head of Event Content Olympia Theocharous said: "Tony is an engaging and exuberant speaker who really gave our audience something to think about regarding the future of our industry."

Tony is a passionate believer that AgriFood Tech offers massive opportunities to solve the problems of sustainability and feeding the growing global population.

He travels the world using his unique combination of scientific qualifications and business experience to convey how new technologies will influence food industries.

This combination of skills and knowledge gives him a unique viewpoint on the future of food.

For more information and to see updated programs and speaker lists, visit pixamc.com.au



Michael McQueen



Tony Hunter

Farmers encouraged to apply for energy efficiency award

NOMINATIONS for the National Energy Efficiency Awards 2020: Best Agricultural Energy Efficiency Project Award are now open, and energy-efficient farmers delivering spark-savvy projects are encouraged to nominate.

The new award, launched by the Queensland Farmers' Federation in partnership with the Energy Efficiency Council, recognises the vital importance of agriculture to our economy and celebrates the innovation taking place on

Australian farms.

QFF CEO Dr Georgina Davis said the award was a great opportunity for energy efficiency projects delivered 'behind the farmgate' to be celebrated for their positive approach to energy management.

"On-farm energy efficiency projects allow farmers to realise energy savings and productivity improvements while reducing their carbon footprint," Dr Davis said.

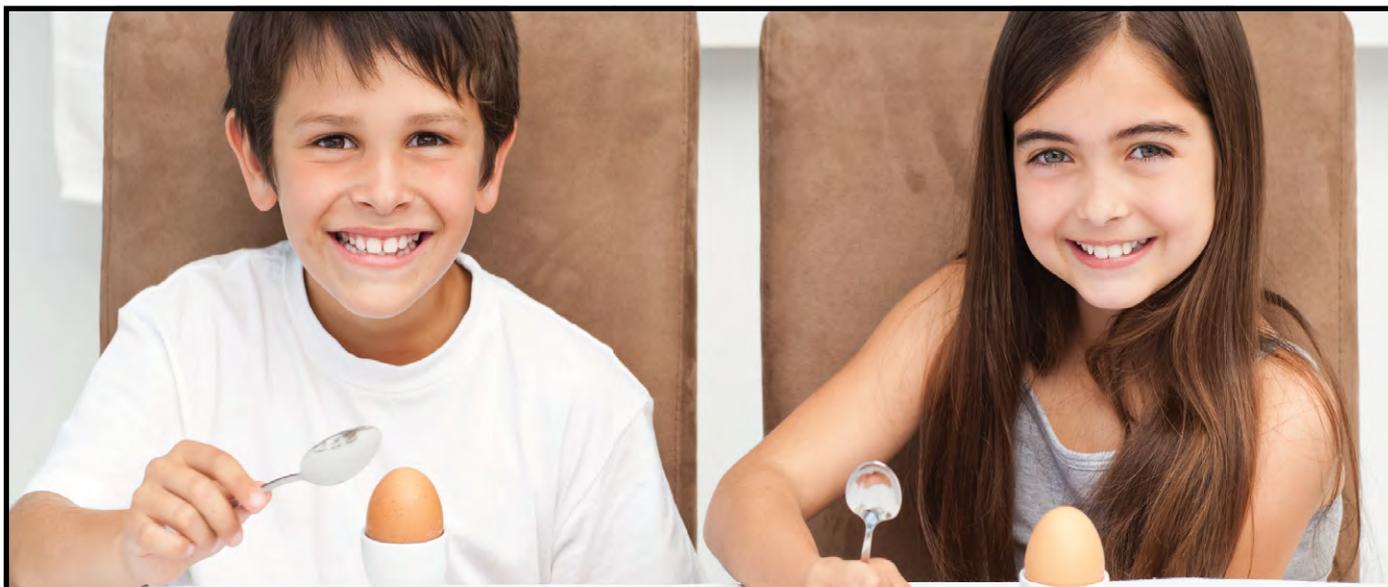
"With significant energy savings available from irrigation pump and lighting replacements, hot water system and air-conditioning upgrades, and the implementation of renewable energy sources such as solar photovoltaic and bioenergy, farmers continue to embrace innovative energy

use and management.

"Energy is such an integral part of running a farm business, so Australian farmers demonstrating leadership and catalysing change in energy efficiency by implementing new technologies, reducing energy use and delivering energy savings are encouraged to apply."

The winners of the National Energy Efficiency Awards 2020, including 10 other categories celebrating various other projects, sectors and energy-efficiency champions, will be unveiled at a gala dinner on Tuesday, May 26, 2020 at the Pullman Melbourne on the Park.

For more information about the Best Agricultural Energy Efficiency Project Award and to apply, visit eec.org.au



Kemin's Feedmill Salmonella Control Programme

Safely protect your feedstuffs and animal populations from *Salmonella* contamination with Sal CURB™ and FormaXOL™.

Kemin delivers technical expertise and support, laboratory testing services, application engineering solutions, and safety training to meet your needs. Trust Kemin and Sal CURB and FormaXOL to become a key part of your comprehensive pathogen control program.



Kemin (Australia) Pty. Limited
Phone: +61 2 9844 5700
Mobile: +61 4 3913 6602 / +61 412 888 485
www.kemin.com/ap_sal_curb



© Kemin Industries, Inc. and its group of companies 2019. 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 up on regulatory requirements.

Aerator conversion nets lower energy costs, eliminates surcharges and enhances lagoon performance

A FOOD processing facility discharges the plant's effluent into a wastewater treatment lagoon system for the reduction of BOD, phosphorus, ammonia and TSS prior to discharging to the local wastewater treatment plant.

The facility discharges about 285,000kl/day with BODs about 350mg/l.

The lagoon is very large [195m x 75m] with an operating depth of 2.7m to 3m with sufficient retention time for biological processes.

A hanging curtain baffle provides an area of quiescence on the discharge side to reduce TSS and

divides the lagoon.

The lagoon was originally equipped with five 11kW high-speed floating impeller-type aerators and three 15kW draft tube surface aerators for a total of 100kW of connected power.

While these aerators were able to mix and recirculate liquids in the lagoon, they were not capable of adequately influencing the biological treatment for organic reductions to include nitrification.

Additionally, there was an increasing sludge accumulation of almost 1m of varying thickness (greater than 3 percent solids)

throughout the lagoon.

In this configuration, the facility was not able to meet their discharge permit limits issued.

As a result of not complying with their discharge permit, the facility was being charged.

They began to look for alternative treatment solutions to bring the facility into compliance, as surcharges were approaching \$70,000 a year.

Due to the depth of the sludge (2m below the surface air/liquid interface) the existing units and the floating surface aerators were not effectively resuspending the sludge for digestion, but rather allowed the sludge to accumulate on the bottom.

The bottom 560mm of sludge was >3 percent solids while the next 300mm was a slurry varying between 1 to 3 percent solids.

The sludge was occupying 25 percent of the lagoon's total volume.

Hydro Innovations' venturi aeration representative looked at the dissolved oxygen requirements and determined

that four medium-sized venturi aerators would be required for this lagoon, since the BOD loadings were not significantly high.

The plant proceeded with the recommendation. **Energy savings**

In the first year, two venturi aerators brought the facility into compliance.

Phase two (adding a further two) was then implemented.

This involved the addition of two Model VA-600 venturi aerators and two Gorman-Rupp Model 84A52-B direct-coupled pumps with 15kW TEFC motors.

With all four venturi aerators operating at the same time, the eight surface aerators could be discontinued.

Therefore, there were energy savings due to less operating power (52kW v 100kW).

This is a 'saving' of 48kW x 24 hours, which equals 1152kW per day.

At 10c/kWh, this is a \$115.20 saving per day, \$3404 a month or \$42,048 per annum.

Results

With all four venturi aerator systems in operation, the facility complies their discharge permit.

BOD levels average 35, TSS 70, ammonia <1mg/l, phosphorus <3mg/l, nitrate <1mg/l.

Because the venturi aerator is consistently stripping the carbon dioxide generated by the aerobic bacteria, the pH is buffered non-chemically.

The facility's discharge pH averages 8.0 without the addition of alkalinity.

The sludge blanket has been reduced to almost zero on the aerobically treated side of the baffle, while in the quiescent zone there is only an average of 100mm of sludge with <3 percent solids.

Because of the unique suction piping and discharge configuration, there is better mixing and equalisation of the contents of the lagoon.

This installation also has a subsurface discharge of the Venturi Aerator treated liquids, which allows the entrained 'macro-bubbles' to rise like a diffuser,

but unlike a diffuser there is a high Reynolds number associated with the high degree of turbulence in the discharge piping, which increases oxygen transfer.

By pushing out the 'entrained' micro-bubbles horizontally, they travel a greater distance (up to 30m) than the rise of a

bubble from a diffuser (in this case it would be only 2.7m).

This subsurface discharge is ideal where there is not a requirement for CO2 stripping to raise pH.

For more information, contact Hydro Innovations on 02 9898 1800 or sales@hydroinnovations.com.au



China reports avian influenza case

CHINA has reported a case of H5N1 avian influenza on a poultry farm in the Hunan province.

Authorities said the highly pathogenic strain of H5N1 had killed 4500 birds on a farm with a flock of 7850 birds.

Further culling of 18,000 chickens took place to try to contain the disease's spread.

China's Ministry of Agriculture and Rural Affairs announced the outbreak, close to Shaoyang City, on Saturday, February 1.

H5N1 can spread to humans and, if infected,

mortality can be as high as 60 percent, according to the World Health Organization.

Since 2003, it has killed 455 people worldwide.

Despite the risk, it is not easy for H5N1 to infect humans.

"Almost all cases of H5N1 infection in people have been associated with close contact with infected live or dead birds, or H5N1-contaminated environments," the WHO said.

"The virus does not infect humans easily, and spread from person to person appears to be unusual."



Clear pump blockages in minutes
Easy above ground access for maintenance

RUGGED & RELIABLE
GORMAN-RUPP

- Reset pump clearances in minutes to maintain peak efficiency
- Easily pump wastewater containing solids

"Don't be fooled by cheap imitations. Insist on Genuine, Rugged, Dependable Gorman-Rupp brand"

Designed, cast, machined, assembled & tested in USA



www.hydroinnovations.com.au/ppf/

T: 02 9898 1800

E: ben@hydroinnovations.com.au



DESIGN-MANUFACTURE-BUILD-INSTALL

For Australian and New Zealand poultry farmers.

AGCO's grain and protein brands help our customers nourish an exploding population, respond to increased demand for high-quality protein and preserve more of what's produced.

It starts with the proven and dependable equipment we engineer and manufacture.

And while they're sold as protein production equipment, they are integrated systems; tools our customers employ to defend every animal in their care.



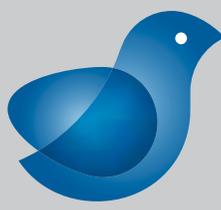
C-LINES produce a premium range of buildings for poultry production. Designed in France to the highest standards, they offer the best performance in biosecurity, environmental control and animal welfare. With minimum energy consumption and easy maintenance C-LINES are the place to go for your next house,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



C-LINES



Tecno helps egg producers protect the well-being of their birds by engineering a complete system with responsible housing and expert support to design the right solution.



TECNO
the eggexperience



Cumberland's integrated systems help poultry producers protect health and productivity with innovative climate control, housing, bio-security, feeding and watering.



615-645 Somerville Road,
Sunshine West, Victoria, Australia 3020

840 Arthur Porter Drive,
Hamilton, 3288, New Zealand

T: +61 3 9313 0313

E: gsianzproteinsales@agcocorp.com

W: agcograinandprotein.com.au