Practical advice to help meet the challenges facing pork production in Asia

Success in pig production – like any other commercial venture – depends on careful management of the factors we can control in order to minimise the impact of the challenges we cannot control.

The aim of the 2013 Pig Feed Quality Conference is to help the Asian pig industry to meet the challenges of feed prices and give the young pig the best possible start in life.

Heading our team of highly competent speakers will be Dr Bruce Mullan and Dr Megan Edwards. Bruce, a key speaker at our 2011 Pig Feed Quality Conference in Cebu is a consultant from West Australia with a lifetime of experience in pig research and advisory work, both in Australia and around the world.

Megan, who joins us for the first time, is a member of the Ace Consultancy Group in South Australia, headed by her father, Tony Edwards, who has participated in previous Pig Feed Quality Conferences. Megan completed her PhD at the University of New England on the topic of weaner nutrition and is much involved in feed formulation and management consultancy in the pig industry.

This is not a talk fest. All presentations have been selected to contribute to the aims of the conference and to provide practical, usable information.

Two ‘chaired’ discussion forums will address:

- How far and fast will grain prices continue to rise? How best do we modify our feeding strategies and management practices to maintain profitability? What contributions can enzymes and amino acid supplementation make to cost reduction?
- What are the key factors in ensuring healthy, fast growing weaner pigs? Is AGP-free production viable? What are the most promising alternatives to AGPs?

The 2013 Pig Feed Quality Conference will give you the tools to meet the challenges facing the pig industry in these challenging times.

Rex Holyoake, Conference Director

IMPRESSIVE PROGRAM & SPEAKERS

MANAGING THE INCREASE IN FEED INGREDIENT PRICES
- Where are feed prices going?
  John Lindblom, USSEC, Singapore
- Optimising feed use: least-cost formulation is only part of the answer.
  Dr Megan Edwards, Nutritionist, Australia
- Practical aspects for feeding growing pigs to reduce the cost of production
  Dr Bruce Mullan, Consultant, Australia
- Fine tuning cost reduction in pig feeds with NSP enzymes
  Dr Hans Wagner, Aveve Biochem, Belgium
- The role of amino acids in sustainable swine production
  Rob Payne, Evonik, Singapore

HOT TOPICS
- Formic acid and formic acid based feed
  André Meeussen, Kemira ChemSolutions, Netherlands
- Early/completion digestion of protein with multi-protease concept: Vietnam trial results
  Dr C Sugumar, Kemira, Singapore
- Asia-Pacific trials on eubiotics
  Rolando Valientes, DSM Nutritional Products, Philippines
- Specialised protein sources for young pigs
  Lars Sangill Andersen, Hamlet Protein, Denmark

THAI PIG INDUSTRY OUTLOOK
- Update on pig production in Thailand
  Boonyita Rujtikumporn, Thai Swine Veterinary Assn, Thailand

RAISING A HEALTHY, FAST GROWING YOUNG PIG
- Impact of early nutrition on lifetime performance
  Dr Bruce Mullan, Consultant, Australia
- Nutritional tools to support successful weaning
  Dr Megan Edwards, Nutritionist, Australia
- Optimising piglet feeding without antibiotics: a European perspective
  Dr Matthias Wiemann, DSM Nutritional Products, Germany
- Improving gut health and performance in young piglets with immunoglobulins
  Dr Thomas Heike, EW Nutrition, Germany
- Enhancing the pig gut integrity with probiotics
  Jens Joergensen, Chie Hansen, Denmark
- The effect of essential oil compounds on performance and gut health
  Alex Peron, Danisco, Singapore
- Fermented whey products for creep feed and pre-starter
  Jan Anné, Nakamel, Netherlands
- Strategies for managing the fibre needs of piglets
  Ard van Enckevort, Denkavit, Netherlands

APPLICATION OF TECHNOLOGY
- Application of technology in pig production
  Abi Valdez, Verwi Agro-Industrial Ventures, Philippines

CONFERECE SPONSORS

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ASIAN PORK MAGAZINE  ASIAN FEED MAGAZINE
Success depends on careful management of the factors we can control . . . in order to minimise the impact of the challenges we can’t control

Arguably the biggest challenge faced by pig producers in Asia today is feed prices. Corn and soy prices have always been volatile and seem to be getting even more so, but the trend in recent years has been ever upward. The world prices of both these feed grains reached all-time records during 2012.

It seems timely therefore for the 2013 Pig Feed Quality Conference to review where grain prices are trending, but more importantly to examine what we should be doing about it. As always, least-cost formulation has a part to play here but perhaps this should not be the main focus.

We need instead to consider how to optimise feed use and to evaluate the true contribution of each diet on the total cost of production. The sourcing and management of raw materials for optimal profitability are key, rather than blindly following a “least-cost is best” policy. It is important also to focus on practical aspects of feeding the pig to prevent wastage, such as the timing of diet changeover, hopper control, feeder space and so on.

In previous conferences we have looked in depth at sow nutrition and management, with the aim of maximising sow output in terms of the number of piglets produced over the sow’s lifetime.

In 2013 we will focus on the young pigs and how to ensure that they get the best possible start in life, remain healthy and go on to become fast-growing and efficient by the time they enter the fattening shed. This will include an examination of management influences on weaner performance, embracing such topics as males vs. females, weaning age/weight, gilt progeny vs. sow progeny, etc.

We will also study the nutritional tools available to support successful weaning, particularly the importance of appropriate diet formulation, which must take into account the constraints of digestive and immune competence. The important topic of maintaining gut integrity and health and the various techniques and products available to support this will be critically evaluated.

These topics, together with some short papers on the latest product-related research in Asia will provide valuable information and promise to lead to some lively discussion. Come and join us in Bangkok, 22-23 April 2013.

Ian Partridge
Program Director

Enjoy the Conference in the best conference facilities in Bangkok

Set on fashionable Sukhumvit Road, in the heart of Thailand’s exciting capital, The Landmark Bangkok is an established hotel offering five-star facilities and services for both leisure and business travellers. With a station of the Skytrain located in front of the hotel, The Landmark Bangkok is conveniently linked to the city’s main commercial district and many of its leading tourist attractions. Nearby is the expressway to the domestic and international airports. A reduced conference room rate is available – see the Registration Form for details.
21st April 2013 (Sunday)

1300 **New Tools for Sow and Piglet Productivity** – Agromed Satellite Symposium
   (Open to all registered delegates – for further details see page six of this brochure)

22 April 2013 (Monday)

0900 Introduction
   Dr Ian Partridge, Program Director, Pig Feed Quality Conference

**MANAGING THE INCREASE IN FEED INGREDIENT PRICES**

0915 Where are feed prices going?
   John Lindblom, Southeast Asia Regional Director, United States Soybean Export Council, Singapore

1000 Optimising feed use: least-cost formulation is only part of the answer.
   Dr Megan Edwards, Nutritionist, Ace Livestock Consulting Pty Ltd, Australia

1045 Coffee

1115 Practical aspects for feeding growing pigs to reduce the cost of production
   Dr Bruce Mullan, Director of Livestock Industries Innovation, West Australia Department of Agriculture and Food and Consultant, Royston Consulting Australia Pty Ltd, Australia

1200 Fine tuning cost reduction in pig feeds with NSP enzymes.
   Dr Hans Wagner, Manager Business Development, Aveve Biochem, Belgium

1230 Lunch

1330 The role of amino acids in sustainable swine production
   Rob Payne, Director Nutrition & Technical Sales, Evonik, Singapore

1415 Discussion forum
   How far and fast will grain prices continue to rise? How best do we modify our feeding strategies and management practices to maintain profitability? What contributions can enzymes and amino acid supplementation make to cost reduction?

1500 Coffee

1530 Strategies for managing the fibre needs of piglets
   Ard van Enckevort, Technical Manager Piglet Feed and Ingredients, Denkavit, Netherlands

**HOT TOPICS**

1615 Brief presentations on the latest Asian trends
   • Formic acid and formic acid based feed preservatives for animal health and performances, food safety and food security
     André Meeusen, Senior Specialist Application – Feed, Kemira ChemSolutions, Netherlands
   • Early/completion digestion of protein with multi-protease concept: Vietnam trial results
     Dr C Sugumar, Product Manager, Kemin Animal Nutrition and Health, Singapore
   • Asia-Pacific trials on eubiotics
     Rolando Valientes, Regional Category Manager – Eubiotics, DSM Nutritional Products, Philippines
   • Specialised protein sources for young pigs
     Lars Sangill Andersen, Feed Application Manager, Hamlet Protein A/S, Denmark

1700 Close

1900 Conference Dinner

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*Least-cost formulation has a part to play but perhaps this should not be the main focus*
23 April 2013 (Tuesday)

THAI PIG INDUSTRY OUTLOOK

0900 Update on pig production in Thailand
Boonyita Rujtikumporn, Senior Vice President, Feed Technology Office,
Chareon Pokphand Foods and President, Thai Swine Veterinary
Association, Thailand

RAISING A HEALTHY, FAST GROWING YOUNG PIG

0940 Impact of early nutrition on lifetime performance
Dr Bruce Mullan, Director of Livestock Industries
Innovation, West Australia Department of
Agriculture and Food and Consultant,
Royston Consulting Australia Pty Ltd, Australia

1020 Coffee

1050 Nutritional tools to support successful weaning
Dr Megan Edwards, Nutritionist,
Ace Livestock Consulting Pty Ltd, Australia

1130 Optimising piglet feeding without antibiotics: a European perspective
Dr Matthias Wiemann, Category Manager Eubiotics,
DSM Nutritional Products, Germany

1200 Lunch

1300 Improving gut health and performance in young piglets with
immunoglobulins
Dr Thomas Heile, Product Manager, EW Nutrition GmbH, Germany

1330 Enhancing the pig gut integrity with probiotics
Jens Joergensen, Product Manager, Chr. Hansen A/S, Denmark

1400 The effect of essential oil compounds on performance and gut health
Alex Peron, Technical Services Manager, Danisco, Singapore

1430 Fermented whey products for creep feed and pre-starter
Jan Anné, International Sales & Strategy Manager,
Nukamel, Netherlands

1500 Coffee

1530 Discussion forum
What are the key factors in ensuring healthy, fast growing weaner pigs?
Is AGP free production viable? What are the most promising
alternatives to AGPs?

APPLICATION OF TECHNOLOGY

1615 Application of technology in pig production: Philippines case study
Atty Valdez, President, Venvi Agro-Industrial Ventures, Philippines

1700 Conference close
Two ‘chaired’ discussion forums will address high feed costs and growing weaner pigs

**Dr Bruce Mullan** is Director of Livestock Industries Innovation with the West Australia Department of Agriculture. He is also manager of the department’s pig research group comprising four research staff with an annual budget of approximately AUD 1 million. Dr Mullan’s main research interests have been the use of the Auspig simulation model to improve the efficiency of pork production, evaluation of feed grains, nutrient requirements of pigs, mineral nutrition, alternatives to antibiotics in weaner pigs and factors influencing carcass and eating quality of pork. Bruce also operates Royston Consulting Australia Pty Ltd, a private consultancy that is responsible for or has an involvement with the majority of the nutrition programs across all commercial piggeries in West Australia. He also consults to several organisations in Southeast Asia.

**John Lindblom** is the Southeast Asia Regional Director for the United States Soybean Export Council (USSEC) based in Singapore. USSEC is a non-profit, single commodity organization working toward the promotion of soybeans as a viable crop through the development of export markets on behalf of the U.S. soybean growers, USSEC members and US soy industry overall. John has spent almost 40 years of his life working and living in Southeast Asia. Prior to joining USSEC in the late nineties, he was Regional Managing Director of Solvay Animal Health Asia/Pacific. John holds a Bachelor Degree from Albion College (Albion, Michigan) and a Masters in International Business from the American Graduate School of International Management (Glendale, Arizona).

**Dr Megan Edwards** is an animal nutrition consultant who completed her PhD at the University of New England, Australia, on nutritional strategies to limit the post-weaning growth check in young pigs. As part of her post-graduate studies she completed a two year industry placement with Australia’s second largest pig producer, Australian Pork Farms Group. Currently she works with ACE Livestock Consulting Pty Ltd servicing a broad spectrum client base including farmers, feed suppliers and commodity traders. Megan is also involved in research trials funded by the Pork Cooperative Research Centre, Australian Pork Ltd and by the private sector in grower-finisher and weaner pigs. Her main interests are in the area of immune-nutrition and focusing on practical nutritional applications to support the immune system and gastrointestinal development of the newly weaned pig.

**Dr Rob Payne** is Regional Director of Nutrition and Technical Services for Evonik Health & Nutrition based in Singapore. Rob is a native of Smyrna, Tennessee, USA, and has an MSc and PhD in non-ruminant Nutrition from Louisiana State University. Rob joined Evonik-Degussa as Animal Nutrition Services Manager in Germany, then he moved back to the US as Technical Services Manager. From 2008 to 2011, Rob served as Director of Nutrition and Technical Services for North America. Rob has authored or co-authored numerous peer-reviewed, popular press articles and invited talks. Rob serves on the editorial boards for the Journal of Animal Science and Poultry Science as well as an independent peer-reviewer for several other journals.

**AGROMED SATELLITE SYMPOSIUM**

**New Tools for Sow and Piglet Productivity**

21st April 2013 (Sunday) 1300-1700 hrs – admittance is complimentary to all registered delegates but prior registration is necessary - simply tick the box on the attached registration form.

Structured fibre, often considered the forgotten but essential ingredient, is increasingly being employed to solve sow and piglet performance issues. Clear links of good quality fibre use for sow satiety, gut health in piglets, increased piglets born, faster parturition times are only a few of the benefits noted by animal production experts from around the world. Coupled with increasing awareness and demands for sow welfare the use of fibre in diets can no longer be considered the ‘forgotten ingredient’.

Topics to be presented during the pre-conference by our international animal experts include:

- **Experiences with Eubiotic Lignocellulose in Pigs** – Ard van Enckevort (Denkavit, Netherlands) will provide an expose of the use of dietary fibre from the perspective of feed manufacturers and farm applications.

- **Realizing the Benefits of Quality Fibre in Diets for Sows and Piglets** - Dr Megan Edwards (ACE Livestock Consulting Pty Ltd, Australia) will review her fibre formulation strategies for improving sow and piglet performance in traditional and open housing systems.

- **A review of Fibre Sources and the Implications in Formulations and Production** - Prof Dr Klaus Neufeld (Animal Nutrition Research Center, Austria) will provide an overview of the features of different fibre sources used in animal nutrition and how they can best be utilized.
REGISTRATION FORM

Please complete one registration form for each delegate – photocopy for multiple bookings and/or different addresses.

Regular Conference Package

☐ I am registering for the full conference including coffee breaks, lunches, official dinner, conference work papers and proceedings at USD 675 per person

Registations close 5 April 2013

☐ I will not attend but please send me the conference proceedings on CD USD 150

☐ I will attend the ‘New Tools for Sow and Piglet Productivity’ satellite symposium on 21 April (Sunday) from 1300 to 1700 hours – complimentary for registered delegates

☐ I would like a Dinner Ticket for my Partner/Accompanying Guest USD 65

Name of guest for name tag .................................

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Company name ............................................................

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Street Address ............................................................

City ....................................................................

State/Province  .....................  Postal code ..........................

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