



## FAMSUN talks about drying and energy optimization on Aquafeed Extrusion Conference

July 16, 2020

# Aquafeed Extrusion CONFERENCE

A two-day online conference for industry professionals,  
covering all aspects of aqua feed

8th-9th July, 2020



Featuring a variety of industry expert speakers, the conference taught attendees how to optimize their feed processing systems online, in response to COVID-19.

On July 8-9th, 2020 the fourth edition of the Aquafeed Extrusion Conference took to the stage, teaching attendees how to make the best use of their extrusion machinery and aqua feed systems. The conference was organized through collaboration with International Aquafeed magazine, Dr Mian Riaz of Texas A&M University and VIV Exhibition.

For the very first time, the Aquafeed Extrusion Conference was hosted online, in response to COVID-19. Despite the change in format, ten expert speakers from Texas A&M University and leading technical companies gave informative and innovative presentations to over 100 attendees of the event and the conference proved to be a great success for all involved.

### **Aquafeed drying and energy optimization**

James Laxton of FAMSUN, who has a 16-year's experience in the design of industrial dryers, brought the conference to a close on the second day with an innovative presentation on *Aquafeed Drying and Energy Optimization*.

Micro-pellets can prove difficult to dry, so allowing enough air to pass through the product is essential to minimize the risk of product leakage. To accommodate pellets as small as 0.6mm, the micro-hole bedplates must be designed and manufactured with high quality, enough strength, and the tightest possible tolerances to avoid interference causing unnecessary wear. James also discussed how to improve drying efficiency through "reduce, reuse" of waste, water, and energy with a balanced dryer and adaptive controls that optimize processing parameters automatically according to the recipes.



Pictures: James Laxton of FAMSUN delivers presentation and interact with industry professionals on Aquafeed Extrusion Conference

Today, more than ever, industry-wide innovation, communication, and collaboration have been key in addressing global challenges such as sustainability, food security, and feeding 10 billion people on our planet by 2050. FAMSUN said it will continue to embrace new forms of communication and technology like digital, automatic, and intelligent means, stay innovative and supportive, and work with partners and customers to generate more conversations, solutions, and possibilities to move the agri-food industry forward.

## In Case You Missed It

### [FAMSUN delivers grain drying facility to CGE in Sri Lanka](#)

The facility, with the most environmental-friendly equipment and drying 200 tons of corn per day, was invested by one of the largest feed producers in Sri Lanka.

### [Scale up to boost operational efficiency with the FAMSUN K70 pellet mill](#)

Find how FAMSUN large-scale industrial production solution improves productivity and efficiency with less.

### [Video: Phoenix Feed Mills in Kazakhstan](#)

The facility can produce 80,000 tons of animal feed annually and store 15,000 tons of grain in steel silos that directly served by rail.



## **Agri-Food China Headlines**

### **[Soybean Trader Vows Crop Tracing to Prevent Deforestation Harm](#)**

July 2, 2020

COFCO International vowed full traceability for all the soybeans it buys directly from farmers in Brazil by 2023, a promise aimed at reducing environmental damage that would be a first for a major crop trader.

### **[Beyond Meat Partners With Alibaba to Expand in China](#)**

July 1, 2020

The meat alternative maker will sell its products out of Alibaba's Chinese grocery stores.

### **[Royal DSM Appoints Zhou Tao \(Joe\) as DSM China President](#)**

July 1, 2020

Joe Zhou succeeds Dr. Jiang Weiming, who has helmed DSM China since 2007. Dr. Jiang Weiming will continue to serve at DSM as Special Advisor to the Global Co-CEOs.

### **[FeedKind® Aquafeed Project with Calyseo settled in Chongqing](#)**

July 1, 2020

The first commercial-scale new plant of Feedkind® aims to supply aquafeed ingredients in Asia.

### **[Thailand plans to export poultry, pork meat to China](#)**

June 30, 2020

The ministry of Agriculture and Cooperatives of Thailand said that it intends to export poultry and pork meat to China during the COVID-19 outbreak, The Star reported.

### **[China approves import of first domestic GM soybean for feed use](#)**

June 23, 2020

China has approved the import of two new genetically modified (GM) soybean varieties, including one developed by local firm Beijing Dabeinong Technology Group Co Ltd.

### **[Largest chinese order to date: danbred delivers 2,200 breeding animals to china](#)**

June 22, 2020

The many pigs were sold to the large Chinese company Guilin Liyuan Cereal & Oil Feed Co Ltd., which is about to establish a herd with 20,000 sows in the Guizhou Province in Southwestern China.

### **[Food exporters to China asked to declare produce is coronavirus-free](#)**

June 19, 2020

China's customs authority has asked food exporters to the country to sign a declaration their produce is not contaminated by the novel coronavirus.

## Food Outlook:

### Meat and milk in the time of COVID-19



Food markets will face many more months of uncertainty related to the COVID-19 pandemic. However, while most markets are braced for a major global economic downturn, the agri-food sector is likely to display more resilience to the crisis than other sectors, according to the latest *Food Outlook* published by FAO on June 2020.

#### Meat and meat products

World total meat production in 2020 is forecast to fall to 333 million tons, 1.7% lower than in 2019, depressed by animal diseases, COVID-19-related market disruptions, and the lingering effects of droughts. International meat trade is likely to register a moderate growth, largely sustained by high imports from China.

**Poultry meat** output is forecast to reach 137 million tons in 2020, 2.4% more than in 2019 or half the pace of growth recorded last year. Increases are expected in China, the EU and the UK, Brazil and Mexico, while production is seen falling in India, Thailand, Turkey and the USA. Poultry meat trade likely to reach 14 million tons in 2020, slightly down (0.3 percent) from 2019. Imports falling in major country buyers of South Africa, Cuba and Saudi Arabia is likely to be compensated by expected larger purchases by China, Mexico and Japan. The stagnation outlook is likely to have a negative effect on traditional exporters of Thailand, Turkey and Argentina. On the other hand, the USA, Brazil and Belarus are likely to see their poultry meat exports grow.

**Bovine meat** production is forecast to dip by 0.8% to 72 million tons in 2020, putting an end to five years of continuous growth. Contractions are projected in six of the world's leading bovine meat producers, namely the USA, Australia, India, South Africa, the EU and the UK and New Zealand. Elsewhere, expansion in China is underpinned by rising cattle herds, especially on large-scale farms, and robust internal demand aimed at compensating for the continuing pig meat shortfall. In Brazil, the projected expansion in bovine output reflects large cattle numbers and rising carcass weights sustained by favorable weather and pasture growth, along with competitive feed costs. Prospects for global trade is poor due to the limited supplies for exports and low import demand.

**Pig meat** output is forecast to record a sharp contraction, falling to 101 million tons in 2020, or 8.0% less than in the previous year. Much of the global decline would be on account of the ASF-affected China, Viet Nam, the Philippines, as well as COVID-19 market disruptions linked the USA. By contrast, moderate output increases are anticipated in the EU and the UK, Brazil, Russian, Mexico and Canada. World pig meat exports are forecast at 10.6 million tons in 2020, up 11.2% from last year, predominantly driven by rising imports in Asia. Much of the expanded world pig meat imports in 2020 are anticipated to be met by the USA, the EU and the UK, Brazil, Canada and Mexico.

**Ovine meat** output is forecast to expand by nearly 1% in 2020, to 16 million tons. Most of the increase is anticipated to be concentrated in China, with some modest growth also foreseen in Africa. By contrast, output in Oceania, which accounts for 80% of global trade, is forecast to drop, possibly for a fifth year since 2013, due to limited animal supplies and high restock demand.



### Milk and milk products

Notwithstanding market disruptions caused by the COVID-19 pandemic, world milk production in 2020 is forecast to grow by 0.8 percent to 859 million tons, mostly as a result of expected production expansions in Asia and North America, with moderate increases in Central America and the Caribbean, Oceania and Africa, partially offset by slight declines anticipated in Europe and South America. However, world dairy exports are forecast to fall by 4.1% , heading towards a contraction in three decades. Steep drops in dairy

imports are forecast for China, Algeria, Saudi Arabia, United Arab Emirates, Viet Nam and Mexico, slightly offset by expected increases in Canada, Indonesia and the Republic of Korea.

[Download the latest Food Outlook here](#) or contact [FAMSUN](#) for the whole report.

**For the tips and experience of fighting coronavirus, please visit:**

<https://www.who.int/emergencies/diseases/novel-coronavirus-2019/advice-for-public>

<https://covid-19.chinadaily.com.cn/>

<http://govt.chinadaily.com.cn/index/specials/expatsfightcoronavirus>