

Evonik expands its portfolio for sustainable livestock production

- Probiotics for maintaining gut health
- ValAMINO® added to amino acid product range
- CreAMINO® now approved for pigs

Essen, Germany. On the strength of its position as a leading provider of products and solutions for efficient, sustainable animal nutrition, Evonik aims to provide even broader support for its customers in the animal feed industry: two probiotics that promote the development of gut flora in poultry and pigs mark the company's first steps toward health-enhancing nutritional products. Along with some innovations in the field of amino acids, these developments are the highlights of Evonik's booth (Hall 22, C28) at EuroTier 2016, which is held 15th –18th of November in Hannover (Germany).

Ecobiol® and Fecinor® became part of the Group's product portfolio last summer when Evonik acquired the probiotics business of the Spanish NOREL company. Ecobiol®, a rapidly growing strain of the bacteria *Bacillus amyloliquefaciens* CECT 5940, has been approved for broiler chickens and helps minimize undesirable bacteria in the intestinal tract and maintain a balanced microbial population. Fecinor® is used for piglets to prevent the diarrhea common in the early stage of life. By producing large amounts of lactic acid, *Enterococcus faecium* CECT 4515 counteracts pathogenic bacteria in the intestinal tract.

“You have to keep animals healthy if you want to achieve sustainable animal husbandry without sacrificing performance parameters,” says Claus Wassermeyer, who directs sales in Europe for Evonik's Animal Nutrition Business Line. The company aims to develop products and services to meet that goal over the next few years. “Our customers are under a lot of pressure to meet consumer expectations of animal protection and product quality. We want to be a reliable partner in that regard,” says Wassermeyer.

Their success can be gauged by how the company's portfolio of essential amino acids and services for animal nutrition has grown over the decades. One innovative product in that business is

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ValAMINO® (L-valine), an amino acid that Evonik presents at EuroTier. Valine is the fifth-limiting essential amino acid in pigs and the fourth-limiting in poultry. ValAMINO® is part of an efficient, sustainable diet for these farm animals.

At EuroTier in Hannover, Evonik is able to announce that approval for CreAMINO®, an established additive for broiler metabolism, has been extended for use in pigs. A large number of test results have shown that using CreAMINO® improves efficiency.

By publishing AMINODat®, the world's most comprehensive database on the amino acid content of raw feed materials, Evonik allows its customers to find exactly the right supplements for their feed blends. AMINODat® version 5.0 is now available both in print and as an app.

In addition to incorporating the Animal Nutrition team, for the first time, the Evonik delegation at EuroTier includes experts from the Household Care Business Line: with REWOCID® WK 30 in its portfolio, Evonik now has a biocide suitable for use throughout the entire feed production supply chain. A one-step cleaning and disinfecting agent, this product eliminates many important pathogens, yet is fully biodegradable and can be rinsed off surfaces to leave virtually no residue.

Evonik will be presenting all of these innovations at the International Production & Processing Expo (IPPE) in Atlanta (Georgia, USA), January 31 through February 2, 2017.

Company information

Evonik, the creative industrial group from Germany, is one of the world leaders in specialty chemicals, operating in the Nutrition & Care, Resource Efficiency and Performance Materials segments. The company benefits from its innovative prowess and integrated technology platforms. In 2015 more than 33,500 employees generated sales of around €13.5 billion and an operating profit (adjusted EBITDA) of about €2.47 billion.

About Nutrition & Care

The Nutrition & Care segment is led by Evonik Nutrition & Care GmbH and contributes to fulfilling basic human needs. That includes applications for everyday consumer goods as well as animal nutrition and health care. This segment employed about 7,000 employees, and generated sales of around €4.9 billion in 2015.

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