

Eurotier 2024: Evonik puts a focus on sustainability in animal nutrition

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- New handprint life cycle assessments for Evonik feed ingredients and low protein diets
- Carbon footprints for MetAMINO® and Biolys® published
- How to achieve more animal health and performance with less costs and environmental impact

Main press contact

Yama Olumi
Head of Market Communications
Animal Nutrition
Phone + 49 6181 59-12437
yama.olumi@evonik.com

Alternative press contact

Dr. Jürgen Krauter
Head of Market Communications
Evonik
Phone +49 6181 59-6847
juergen.krauter@evonik.com

Essen, Germany. At this year's Eurotier, Evonik is focusing on showing how and to what extent its feed ingredients and feeding concepts contribute to making the production of animal protein more sustainable. Evonik is the first and only producer of feed ingredients to present life cycle assessments for a probiotic product (Ecobiol®) and guanidinoacetic acid (GuanAMINO®), and to publish the carbon footprint of a lysine product (Biolys®).

“Developing solutions for healthier and more sustainable animal nutrition has long been our passion,” says Dr. Gaetano Blanda, head of Evonik’s Animal Nutrition business line. “Now we as an industry leader can finally quantify the positive effect of our products and concepts.”

The content of a 25-kilogram bag of Ecobiol®, for example, has a CO₂ footprint of 2.1 kg CO₂ equivalents. When the probiotic product is used in broiler feed, it reduces the footprint of the resulting chicken meat by 1,800 kg CO₂ equivalents. This is what Evonik presents as the product handprint.

For MetAMINO® (DL-methionine), Evonik estimates the product-specific CO₂ footprint to be around 35 percent below the industry average. Blanda: “For more than 60 years, we have been continuously improving our methionine process and investing in our production facilities. This is really paying off here.”

Evonik is the only methionine manufacturer serving the global feed markets from world-scale production hubs in three different parts of the world: Antwerp/Wesseling (Europe), Mobile (Alabama, USA) and Singapore. In 2024, the plants in Singapore have been

Evonik Industries AG
Rellinghauser Straße 1-11
45128 Essen
Germany
Phone +49 201 177-01
www.evonik.com

Supervisory Board
Bernd Tönjes, Chairman
Executive Board
Christian Kullmann, Chairman
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Maike Schuh, Thomas Wessel

Registered Office is Essen
Register Court Essen Local Court
Commercial Registry B 19474

modernized and expanded. A plant for a precursor of methionine is currently being built in Mobile.

Visitors to the Evonik booth can find out about the entire product range of amino acids and specialties for monogastrics and ruminants. This includes the latest product launches, such as NexAMINO[®], a unique blend for insect farming feed formulations; PhytriCare[®] IM, a plant-based feed ingredient with a high flavonoid content, and SpeoCare[®], a butyric acid for gut integrity.

Evonik can be found at EuroTier 2024 in Hall 21, Booth E20 from 12–15 November, in Hanover, Germany.

Company information

Evonik is one of the world leaders in specialty chemicals. The company is active in more than 100 countries around the world and generated sales of €15.3 billion and an operating profit (adjusted EBITDA) of €1.66 billion in 2023. Evonik goes far beyond chemistry to create innovative, profitable and sustainable solutions for customers. About 32,000 employees work together for a common purpose: We want to improve life today and tomorrow.

About Nutrition & Care

The focus of the business of the Nutrition & Care division is on health and quality of life. It develops differentiated solutions for active pharmaceutical ingredients, medical devices, nutrition for humans and animals, personal care, cosmetics, and household cleaning. In these resilient end markets, the division generated sales of €3.61 billion in 2023 with more than 5,600 employees.

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