

## Evonik launches probiotic for chickens as effervescent tablet

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- Ecobiol® Fizz for the stabilization of the intestinal microbiota, particularly in stress phases of animals
- Supports productivity in the barn
- Flexible application via water line system
- High homogeneity without stirring, good compatibility

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**Essen, Germany.** Evonik's Animal Nutrition business line is launching Ecobiol® Fizz, the first probiotic for chicken in effervescent tablet form. The product contains a microbial strain of the species *Bacillus amyloliquefaciens* and is used to stabilize the intestinal microbiota of broilers and chicken reared for laying, especially during stressful periods. It is characterized by its simple and flexible application via the animals' water supply.

"We are continuously working to provide our customers with increasingly comprehensive solutions for efficient, sustainable and healthy animal nutrition," says Torben Madsen, head of the Sustainable Healthy Nutrition product line in Evonik's Animal Nutrition business line. "Probiotics have proven to be a good alternative to the use of growth-promoting antibiotics in the barn."

With Ecobiol® and Ecobiol® Plus, Evonik already has two effective products for chickens based on the bacterium *Bacillus amyloliquefaciens* that are added to feed or feed premix. However, the feed is used on the farm as a ready-mix. Fast, situational reaction is hardly possible. Ecobiol® Fizz is different: farmers can apply the product flexibly during periods of stress for animals via the water line or add it as continuous support to their operation.

Stress can be caused by feed changes, infections or vaccinations. In such cases, a resilient immune system is required, based on a balanced intestinal microbiota.

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The additional administration of the probiotic via water is then suitable. "Especially when animals are not doing well, they eat less, but drink more," says Dr. Stefan Eils, who is responsible for Gut Health Solutions in the Animal Nutrition business line.

The novel formulation of Ecobiol® Fizz as an effervescent tablet has the advantage that bacterial spores are distributed homogeneously in water without stirring. One effervescent tablet is sufficient for 1,000 liters of water. The homogeneity is proven for at least 24 hours. The formulation of the effervescent tablet also does not contain sugar or other additives that promote biofilm formation or clogging in the water line system.

Ecobiol® Fizz can be combined with common feed additives.

The product is now available in Europe. Marketing in other regions is scheduled to follow in spring 2021.

#### **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 €13.1 billion and an operating profit (adjusted EBITDA) of €2.15 billion in 2019. Evonik goes far beyond chemistry to create innovative, profitable and sustainable solutions for customers. More than 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 around €2.9 billion in 2019 with about 5,300 employees. It is part of Evonik Operations GmbH.

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