

# **Feed Additives Market- Global Industry Size, Share, Trends, Opportunity, and Forecast, 2018-2028 Segmented By Ingredient Type (Antibiotics, Vitamins, Enzyme, Antioxidants, Probiotics, Others), By Livestock (Poultry, Ruminants, Swine, Aquatic Animals, Others), By Form (Dry, Liquid), By Region, and Competition**

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## **Abstracts**

The Global Feed Additives Market is poised for significant growth until 2028, driven by the increasing demand for livestock products. In 2021, the United Kingdom witnessed a livestock product output worth approximately USD 7.8 billion.

The expansion of the Global Feed Additives Market during the projected period can be attributed to the rising demand for various livestock products. With a rapid increase in the demand for healthy animal feed, the utilization of feed additives in animal feed is on the rise. Moreover, feed additives play a crucial role in enhancing the animals' immune systems, thereby mitigating the risk of diseases and fostering market growth.

The surging demand for livestock-based products such as eggs, dairy goods, and meat products is driving the need for feed additives. By incorporating feed additives into livestock diets, the nutrition, vitamin, and mineral requirements of the animals are met, thereby bolstering the production of high-quality livestock-based goods like milk.

The adoption of feed additives among livestock farmers is further propelled by growing consumer awareness regarding the importance of high-quality standards in food, including meat and other animal protein products. Additionally, increasing awareness about providing optimal nutrition levels in animal feed to enhance livestock health and

productivity contributes to the demand for feed additives.

Furthermore, the rise in living standards and income levels has led to increased meat consumption, thus driving the demand for high-quality meat. Feed additives are crucial in ensuring good digestion, muscle development, and weight gain in animals, ultimately resulting in higher yield and productivity.

For instance, according to data from the U.S. Department of Agriculture (USDA), chicken meat production in the Philippines witnessed a 13% increase.

Increased consumption of animal products is contingent upon meeting the demand for staple foods of plant origin. Consequently, the growing usage of animal products competes with the utilization of grains for direct human consumption and other agricultural products, leading to increased resource demand for animal goods.

Furthermore, the growing demand for high-protein foods has resulted in a global increase in the demand for eggs. Eggs and egg products have remained integral to households and restaurants in numerous developed and developing countries. Moreover, the pharmaceutical industry utilizes eggs for various applications, further driving the demand. For example, Ovagen has developed a proprietary process for producing Germ Free Eggs to be used in the production of Human and Animal Vaccines. Consequently, the rising demand for livestock-based products propels market growth during the projected period.

The increasing demand for feed and natural feed additives has also become crucial in the integrated food chain. Meeting consumer demand for milk, meat, eggs, and other livestock products heavily relies on a consistent supply of suitable, cost-effective, natural, and secure animal feeds. Thus, there is a growing need for more feed supplies, sources, and alternatives due to the substantial growth in livestock product demand. Proper dietary intensity is one of the most costly feed formulation ingredients in animal diets. To develop appropriate feed for different animal species, various components and feedstuffs such as vitamins, amino acids, colorants, minerals, and antibiotics are blended in different proportions. As a result, feed additives have garnered renewed interest in the animal feed industry due to their strong energy supply and high feed efficiency.

Producers of feed additives are investing in research and development of organic and natural alternatives. Natural and organic feed additives are preferred over synthetic ones as they are less likely to cause adverse effects while increasing yield.

Consequently, poultry farmers are transitioning towards herbal feed additives. Botanical feed additives, such as suitable herb or plant extract blends, serve as natural growth promoters. Herbs and plant extracts are believed to affect the appetite and intestinal microbiota of cattle in various ways, stimulating pancreatic secretions, boosting endogenous enzyme activity, and enhancing immunological function. Additionally, apart from their antioxidant and sedative properties, several plant compounds and their constituents demonstrate a range of antibacterial actions.

For example, Agpulse Organics manufactures a herbal animal feed additive called 'Govahnika-Biosheera', which is utilized to enhance milk productivity in cattle. Consequently, the rising demand for feed and natural feed additives is expected to drive the growth of the Global Feed Additives Market in the projected years. Probiotics are poised to play a key role as an alternative to sub-therapeutic antibiotic growth promoters in animal feed. Employing probiotics in animal feed aims to maintain and improve animal performance, as well as prevent and manage enteric infections. Ongoing research is focused on the development of new probiotics for animal feed and consumer-packaged health products for companion pets, leveraging gene sequencing and molecular biology in animal nutrition. DSM, for instance, has introduced Eubiotics, an innovative feed additive that supports gut health and plays a vital role in supporting animal performance and welfare. Amino acids, which act as the building blocks for animal protein synthesis, are crucial for enhancing both the quality and quantity of meat. A significant advancement in animal nutrition is the utilization of an adequate quantity of protein. Various amino acids, such as DL-methionine, L-threonine, and L-lysine, are used as supplements in animal feed to increase productivity and improve protein synthesis efficiency. ADM Animal Nutrition has launched PROPLEX T, a high-concentrate protein that offers greater flexibility in ration formulation due to its lower inclusion rate while achieving targeted levels of essential amino acids. Despite these positive factors, the market growth of feed acids, vitamins, and antioxidants derived from natural sources such as bark, seeds, and leaves is hindered by rising raw material prices. Additionally, stringent regulations on the usage of antibiotics in various countries pose a threat to the Global Feed Additives Market due to overuse and misuse of antibiotics and other chemicals to prevent animal and human infections. For instance, in 2022, the West Bengal Fisheries department banned 20 antibiotics and other pharmacologically active substances commonly used in shrimp aquaculture.

In recent developments, Evonik launched PhytriCare IM, the first plant-based feed additive consisting of selected plant extracts with a high flavonoid content in February 2023. Adisseo completed the acquisition of Nor-Feed in February 2023.

Cargill, in collaboration with Naturisa S.A., signed an agreement with Skyvest EC Holding S.A. in October 2022 to establish a new joint venture serving high-quality shrimp feed to Ecuadorian shrimp farmers.

In September 2022, Evonik and BASF signed an agreement to reduce the environmental footprint of the feed and animal protein industries.

## Market Segmentation

Global Feed Additives Market is segmented based on ingredient type, livestock, form, region and competitive landscape. Based on ingredient type, the market is categorized into antibiotics, vitamins, enzyme, antioxidants, probiotics, and others. Based on livestock, the market is fragmented into poultry, ruminants, swine, aquatic animals, and others. Based on form, the market is segregated into dry and liquid. Based on region, the market is divided into North America, Europe, Asia Pacific, South America, and Middle East & Africa.

## Company Profiles

Bluestar Adisseo Co., Ltd, Koninklijke DSM N.V., BASF SE, Nutreco N.V., Cargill, Incorporated, Danisco Animal Nutrition & Health, Alltech, Inc., The Archer-Daniels-Midland Company, Chr. Hansen Holding A/S, Evonik Industries AG are some of the key players in Global Feed Additives Market.

## Report Scope:

In this report, Global Feed Additives market has been segmented into the following categories, in addition to the industry trends, which have also been detailed below:

### Feed Additives Market, By Ingredient Type:

Antibiotics

Vitamins

Enzyme

Antioxidants

Probiotics

Others

#### Feed Additives Market, By Livestock:

Poultry

Ruminants

Swine

Aquatic Animals

Others

#### Feed Additives Market, By Form:

Dry

Liquid

#### Feed Additives Market, By Region:

North America

United States

Mexico

Canada

Europe

France

Germany

United Kingdom

Spain

Italy

Asia-Pacific

China

India

South Korea

Japan

Australia

South America

Brazil

Argentina

Middle East & Africa

South Africa

Saudi Arabia

UAE

Competitive landscape

Company Profiles: Detailed analysis of the major companies in global feed additives market.

Available Customizations:

With the given market data, TechSci Research offers customizations according to a company's specific needs. The following customization options are available for the report:

#### Company Information

Detailed analysis and profiling of additional market players (up to five).

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