

Probiotics in Animal Feed Market Report and Forecast 2025-2034

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Report description:

The global probiotics in animal feed market is expected to grow at a CAGR of 5.90% during the period 2025-2034.

Probiotics in Animal Feed Market Growth

With the growing global population, the demand for animal products such as meat, fish, milk, and eggs also rises. This necessitates animal health protection and growth support, improving animal immunity and productivity, and enhancing animal product quality. There has been a marked increase in the probiotics in animal feed demand for animals including pigs, poultry, and ruminants, and in aquaculture and pet feeds. The demand for probiotics in animal feed is expected to increase during the forecast period. Europe, Asia and North America are expected to be key markets. The poultry farming sector is likely to be the driver of the probiotics in the animal feed market.

Probiotics have been extensively researched due to their capacity to modify gut microbiota and immune systems in people and livestock, where they are used as prophylactic and therapeutic agents in clinical and veterinary settings. As a result, probiotics have emerged as a promising, safe, and viable alternative to antibiotics for improving farm animal performance. In dairy animals, adding probiotics to feed enhances growth performance and nutrient digestibility, lowers serum cholesterol, and reduces the incidence of diarrhoea. This ultimately enhances the growth of the probiotics in animal feed industry.

Key Trends and Recent Developments

Focus on gut health improvements, sustainable alternatives and technological advancements to spur new probiotics in animal feed market opportunities.

October 2023

Lallemand Animal Nutrition has launched LALPROBIOME, a new brand offering a diversified portfolio of yeast and bacteria-based

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solutions including prebiotics, probiotics, postbiotics, and antioxidants.

August 2023

ProAgni, an Australian startup signed a manufacturing agreement with Austranova, a Singaporean biotech for the commercialisation and development of shelf stable probiotics for animal feed.

March 2023

IFF introduces a new animal nutrition solution for piglets, Axta PRIME, that improves nutrient digestion to boost performance in young pigs.

July 2022

Kemin Industries announced it had launched ENTEROSURE, a new probiotic solution. This next-generation probiotic of the global company helps to reduce disease risk affecting the intestinal health of poultry and livestock.

Increased Focus on Gut Health

The role of gut health interventions for livestock has expanded in the goal of improving digestion and nutrient absorption, driving demand of probiotics in animal feed market. Probiotics are increasingly being applied to control gastrointestinal disorders, which in turn impacts animal performance overall, as reflected by a trend toward the overall management of animal health.

Sustainability and Natural Alternatives

With the increasing dynamism of the market demand towards better and more naturally sustainable solutions for the environment, in terms of animal feeds, probiotics have recently been picked upon as natural alternatives to antibiotics. This is in consensus with global efforts in reducing antibiotic resistance and maximising animal welfare, bolstering the probiotics in animal feed market revenue.

Technological Advancements

In the formulation and delivery systems of probiotics, technological improvements are made, enhancing the effectiveness and stability of the products. Microencapsulation and targeted delivery innovations are shaping an improvement in the performance of probiotics in animal feed, allowing for more efficient and effective solutions.

Growth in Demand from Emerging Markets

The growth of production of livestock in developing countries, more so in Asia-Pacific, would contribute to growth of the probiotics in animal feed market. Market growth from these geographical regions is based on the improved productivity and health in livestock upon using probiotics in animal feed.

Probiotics in Animal Feed Market Trends

Probiotics have been shown to improve aerobic conditions in the gastrointestinal environment by depleting oxygen-scavenging molecules like nitrates. Probiotics have demonstrated the ability to release hydrolytic enzymes against bacterial toxins, as well as the capability to inactivate toxin receptors, restricting the spread of toxin-mediated illnesses in livestock animals. Animal feed is

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very important in livestock husbandry, and various experiments have been conducted to improve its potency using feed additives.

As per the probiotics in animal feed market analysis, European legislation banned in-feed antibiotics in 2006. Since then, the development of various health-functional animal feeds and fermented food products using probiotics as additives has received significant attention.

Probiotics are live bacteria that, when given in sufficient amounts, provide health advantages to the host. Several Lactobacillus, Streptococcus, Lactococcus, and Bifidobacterium species are popular probiotic agents. On a regulatory level, these helpful microbial agents are classed as zootechnical additives. Before being certified for a specific target species, a probiotic candidate must demonstrate at least one performance attribute. Modulation of the host's immune and certain physiological systems, attenuation of virulent markers on a variety of pathogens, treatment and prevention of infectious and inflammatory disease conditions, acting as a biocontrol agent in preventing spoilage, etc. are some of the required features of a candidate probiotic. These trends of the probiotics in animal feed market are going to open up new possibilities for the key players.

Several firms are engaged in R&D and production of probiotics for animals to enhance animal health and productivity. For example, Provita Protect claims to significantly reduce the incidence of calf scour; it is the only authorised and proven probiotic for calves on the UK and European market.

In 2017, Evonik launched an internally developed probiotic called GutCare in the USA, China, India, and Bangladesh. This product promotes the growth and health of broilers over the long term. GutCare is a direct-fed microbial solution based on a spore-forming Bacillus subtilis DSM 32315 strain with an inherent capacity to produce a variety of secondary metabolites.

Since acquiring the probiotics business of the Spanish company Norel in July 2016, Evonik has been promoting products like Ecobiol in Europe. Ecobiol, a probiotic, is a fast-growing bacteria strain called Bacillus amyloliquefaciens, which promotes a gut flora that maintains a balance between useful lactic acid bacteria and undesired potential pathogens such as Salmonella enteritidis.

Global Probiotics in Animal Feed Industry Segmentation

"Probiotics in Animal Feed Market Report and Forecast 2025-2034" offers a detailed analysis of the market based on the following segments:

Market Breakup by Microbial Genus

- Lactobacillus
- Bifidobacterium
- Yeast and Other Microbes

Market Breakup by Application

- Ruminant
- Poultry
- Swine
- Aquaculture
- Others

Market Breakup by Region

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- North America
- Europe
- Asia Pacific
- Latin America
- Middle East and Africa

Probiotics In Animal Feed Market Share

Lactobacillus To Gain Traction For Enhancing Gut Health

Lactobacillus is likely to witness considerable growth in the animal feed probiotics market since it has shown strong proof of gut health improvement, digestion enhancement, and nutrient absorption. Its wide application across all animal species, such as poultry, cattle, and swine, makes this particular microbe very applicable in different agricultural settings. This factor aids in supporting the probiotics in animal feed industry revenue for the key players.

With the extensive research done on Lactobacillus, literature from scientific writings supports this system in terms of preventing gastrointestinal issues and promoting overall performance in animals. Further adding to the adoption rate is the fact that many regulatory frameworks in many regions worldwide favour Lactobacillus-based probiotics due to their proven safety and efficacy record. Bifidobacterium and yeast do contribute, but broad benefits position Lactobacillus as a leading choice.

Poultry Segment To Gain A Significant Share Owing To The Huge Consumption Of Poultry Meat Globally

As per probiotics in animal feed industry analysis, the future of the animal feed probiotics market will be driven by the poultry segment. Poultry farming commands major shares of meat production worldwide; hence, high demand for probiotics exists to enhance gut health, feed efficiency, and disease resistance. Probiotics can manage common problems associated with poultry, improve growth rates, and reduce the use of antibiotics, representing industry trends toward healthy and sustainable poultry production. These efficiency- and health-oriented mechanisms drive poultry as the lead application in probiotics.

Probiotics In Animal Feed Market Regional Analysis

Growing Livestock Industry In The Asia Pacific Region To Accelerate Demand

The Asia-Pacific region is spearheading the rise in the probiotics for animal feed demand, driven by its large and growing livestock industry, notably in countries like China and India, where demand is rising for efficient, effective, and sustainable animal feed solutions. A scenario of rapid industrialization, increasing awareness toward animal health, and the spread of modern farming practices result in high adoption for probiotics. Furthermore, supportive government policies and investments in agricultural advancements have been fueling probiotics in animal feed market growth in this region.

Competitive Landscape

Key players in the probiotics in animal feed market are increasing investment in R&D for innovation and efficacy products, expansion of product portfolios, strategic partnerships, and entry into emerging markets.

Evonik Industries AG

Evonik Industries AG, situated in Essen, Germany, produces different types of probiotics under its Animal Nutrition division. Their

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portfolio offers probiotics developed to promote gut health and raise feed efficiency for improved performance in livestock. Founded in 2007, Evonik is working on the development of progressive animal nutrition through innovative microbial solutions.

Chr. Hansen Holding A/S

Chr. Hansen Holding A/S, based in Horsholm, Denmark, has a wide range of probiotic solutions for animal feed. Their products were launched in the year 2010 to enhance animal health and productivity using gut-friendly microbiota. Chr. Hansen is very famous as a business applying microbial expertise to drive the transformation toward sustainable animal agriculture.

DSM Nutritional Products AG

DSM Nutritional Products AG, headquartered in Basel, Switzerland, offers probiotics for animal feed through its DSM Animal Nutrition & Health division. Founded in 2006, DSM has intensively focused on gut and overall performance enhancement in livestock with its probiotic solutions. There is a special focus on scientific research and innovation in the product offerings.

Other key players in the probiotics in animal feed market include Provita Eurotech Ltd and Lallemand Inc., among others.

Probiotics in Animal Feed Market Report Snapshots

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