

Zinc Micronutrient for Animal Feed Market Report and Forecast 2025-2034

Market Report | 2025-07-15 | 172 pages | EMR Inc.

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Report description:

The global zinc micronutrient for animal feed market was volumed at 64.21 KMT in 2024. The industry is expected to grow at a CAGR of 4.36% during the forecast period of 2025-2034 to attain a volume of 98.39 KMT by 2034.

Animal performance and general well-being are enhanced by zinc. While severe zinc deficiency can cause skin parakeratosis, reduced growth, general debility, increased susceptibility to infection, and lethargy, adding zinc to animal feed can aid in protein synthesis, carbohydrate metabolism, and other biochemical reactions.

Increasing focus on animal health along with the rising demand for protein-rich animal-based food products is increasing the use of zinc micronutrients in animal feed to boost their immunity and promote growth.

Figure: Top 10 Feed-Producing Countries (Million Tons) (2022)

Key Trends and Developments

Increasing addition of premixes; rising demand for animal-based foods; rising consumption of fish; and increasing adoption of nano zinc as an alternative to conventional zinc are the major factors impacting the zinc micronutrient for animal feed market growth

Nov 2, 2022

Alltech opened its newest Bioplexplant, the first organic mineral production facility of Vietnam. The cutting-edge manufacturing facility is Alltech's eighth mineral manufacturing plant worldwide.

Aug 30, 2022

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Balchem Corporation announced the acquisition of Cardinal Associates Inc., a leading science-based manufacturer of methylsulfonylmethane (MSM), based in Washington.

Jun 21, 2022

Balchem Corporation announced the completion of its acquisition of Kappa Bioscience AS, headquartered in Oslo, Norway, which is a leading scientific manufacturer of specialised vitamin K2 for the human nutrition industry.

Rising incorporation of premixes

There is a rising incorporation of premixes in animal feed to enhance growth performance and metabolic activities by providing them with a balanced diet. This further aids the demand for zinc micronutrient.

Increasing consumption of animal-based food products

The rising health consciousness and economic growth are increasing the consumption of meat, poultry, and dairy, increasing the addition of zinc in animal feed.

Global increase in consumption of fish

The consumption of fish and sea food is rising, and according to forecasts by the Organisation for Economic Co-operation and Development (OECD), by 2029, 90% of the produced fish will be consumed. This is expected to potentially increase the demand for zinc micronutrient for fish feed.

Nano zinc as an alternative to conventional zinc

Advancements in nanoscience in the field of mineral nutrition and increasing research activities to find optimal nano zinc levels for animal feed rations to provide economic benefits and enhanced performance are increasing the use of nano zinc in animal feed.

Market Segmentation

"Global Zinc Micronutrient for Animal Feed Market Report and Forecast 2025-2034" offers a detailed analysis of the market based on the following segments:

Market Breakup by Species Type

- Poultry
- Swine
- Dairy
- Aqua
- Ruminants
- Equine
- Others

Market Breakup by Region

- North America

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

Based on species type, poultry dominates the zinc micronutrient for animal feed market share

With the expanding global population and more people living in urban settings, the demand for animal products to meet their food protein requirements is increasing. The meat of poultry such as chicken, ducks, turkeys and geese, and eggs of chicken and ducks are safe and convenient to consume, making them a favoured choice among consumers. The rising poultry production is increasing the use of zinc to improve their immunity, body weight, and eggshell quality.

In aquaculture, various sources of zinc are used, such as nanoparticles, organic, and inorganic, to improve essential enzyme synthesis and metabolism and support the formation of hormones for growth, immunity, and reproduction.

Competitive Landscape

The market players are focusing on product performance and quality, customer support and service, and cost-effectiveness, while also engaging in research and development to further gain a competitive edge in the market.

Biochem Zusatzstoffe Handels- und Produktionsgesellschaft mbH

Biochem, headquartered in Germany, specialises in the innovation of animal feed products and covers the entire value chain, from the selection of suitable additives for animal health and nutrition to the on-site sale and distribution of the products.

Animine, S.A.S.U.

Founded in 2011, the company provides trace elements for swine, poultry, aquaculture, ruminants and horses.

Alltech Inc

Headquartered in United States, Alltech is engaged in the manufacture and processing of yeast additives, organic trace minerals, feed ingredients, premix and feed and also specialises in yeast fermentation, solid-state fermentation, and the science of nutrigenomics.

Novus International, Inc.

Founded in 1991, Novus is a global leader in developing, manufacturing, and commercialising gut health solutions for the animal agriculture sector.

Other notable players operating in the zinc micronutrient for animal feed market are Balchem Corporation, Zinpro Corporation, Norel SA, and Trouw Nutrition, among others.

Zinc Micronutrient for Animal Feed Market Analysis by Region

In Europe, countries such as Spain, France, Germany, and Italy are home to a large population of livestock, including pigs, bovine animals, sheep, and goats. Dietary supplementation with trace minerals such as zinc helps regulate critical metabolic pathways

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and improve immune function, fertility, neonatal survival, feed efficiency, growth, and meat quality.

Countries such as Saudi Arabia, Egypt, Algeria, Morocco, and Bahrain are increasingly using dairy ingredients to produce cheese, confectioneries, chocolates, and bakery goods with the support of sophisticated dairy and meat processing plants to meet the global demand for their products.

In the USA, over 300 varieties of cheese are produced from cow's milk. Using zinc in dairy cattle feed helps improve the milk quality and, consequently, cheese.

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