

# **Global Animal Nutrition Organic Acids Market Size study, by Product, Species (Poultry, Swine, Ruminants, Aqua), Application, Delivery System, and Regional Forecasts 2022-2032**

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## **Abstracts**

Global Animal Nutrition Organic Acids Market is valued approximately at USD 0.13 billion in 2023 and is anticipated to grow with a promising compound annual growth rate (CAGR) of more than 6.50% over the forecast period 2024-2032. Organic acids are rapidly gaining ground in the animal nutrition sector as precision feeding, gut health optimization, and antibiotic-free production continue to take center stage in modern animal husbandry. These naturally occurring compounds—such as formic acid, propionic acid, fumaric acid, and lactic acid—not only regulate microbial populations in the gut but also enhance nutrient digestibility, improve feed palatability, and support metabolic functions critical to animal growth and immunity. Their role is particularly indispensable amid mounting concerns over antibiotic resistance and rising consumer demand for clean, safe, and high-quality animal-derived food products.

As the livestock industry transitions from conventional practices to data-driven, welfare-centric production systems, organic acids are being integrated across a variety of delivery systems—liquid, powder, coated, and encapsulated—to cater to diverse species-specific physiological needs. In poultry and swine sectors, where intensive farming and high stocking densities raise the risk of enteric diseases, organic acids are employed as effective antimicrobial substitutes and growth promoters. Additionally, they serve as acidifiers that modulate gut pH, suppress pathogenic bacteria, and favor the colonization of beneficial microbiota. Ruminants and aquatic animals also benefit significantly from customized formulations of organic acids that bolster rumen fermentation and optimize feed conversion ratios. However, fluctuating raw material costs and the need for precise inclusion rates pose challenges to scalability and

universal adoption.

Innovation in encapsulation technologies and synergistic blends with other additives such as essential oils, probiotics, and enzymes is reshaping the organic acids landscape. These advancements enable controlled release, improve stability, and enhance the overall efficacy of formulations under different pH environments and digestive stages. Furthermore, R&D investments are pivoting toward identifying species-specific acid profiles and developing regionally adapted products to ensure regulatory compliance and performance optimization. Integration with smart livestock monitoring systems and digital feeding platforms is also allowing producers to fine-tune organic acid supplementation based on health analytics, seasonal variability, and productivity benchmarks.

Regionally, Europe holds a dominant share of the animal nutrition organic acids market owing to its highly regulated livestock industry, progressive stance on antibiotic-free production, and advanced animal feed technology infrastructure. North America follows closely, driven by strong demand for functional additives and stringent quality standards in animal-derived products. The Asia Pacific region is anticipated to witness the fastest CAGR over the forecast period, as countries like China, India, Vietnam, and Indonesia ramp up investments in animal health, sustainable aquaculture, and protein self-sufficiency. Latin America and the Middle East & Africa are also emerging as pivotal contributors, underpinned by agricultural reforms, rising meat exports, and growing awareness around gut health and feed efficiency.

Major market player included in this report are:

Novus International, Inc.

Kemin Industries, Inc.

BASF SE

ADM (Archer Daniels Midland Company)

Biomin GmbH

Perstorp Holding AB

Lallemand Inc.

Addcon GmbH

Impextraco NV

DSM Nutritional Products AG

Jebo Nutrition Inc.

Anpario PLC

Provimi (Cargill)

Trouw Nutrition (Nutreco)

Zinpro Corporation

The detailed segments and sub-segment of the market are explained below:

#### By Product

Formic Acid

Propionic Acid

Fumaric Acid

Lactic Acid

Others

#### By Species

Poultry

Swine

Ruminants

Aqua

#### By Application

Performance Enhancement

Gut Health

Disease Prevention

Others

#### By Delivery System

Encapsulated

Coated

Liquid

Powder

#### By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

Rest of Europe

Asia Pacific

China

India

Japan

Australia

South Korea

Rest of Asia Pacific

Latin America

Brazil

Mexico

Rest of Latin America

Middle East & Africa

Saudi Arabia

South Africa

Rest of Middle East & Africa

Years considered for the study are as follows:

Historical year – 2022

Base year – 2023

Forecast period – 2024 to 2032

Key Takeaways:

Market Estimates & Forecast for 10 years from 2022 to 2032.

Annualized revenues and regional level analysis for each market segment.

Detailed analysis of geographical landscape with Country level analysis of major regions.

Competitive landscape with information on major players in the market.

Analysis of key business strategies and recommendations on future market approach.

Analysis of competitive structure of the market.

Demand side and supply side analysis of the market.

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