

Global Animal Feed Micronutrients Market Size study, by Type (Zinc, Iron, Manganese, and Copper), by Livestock (Ruminant, Poultry, Aqua, Swine, and Equine), and Regional Forecasts 2022-2032

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Abstracts

The Global Animal Feed Micronutrients Market is valued approximately at USD 1.95 billion in 2023 and is anticipated to grow with a steady CAGR of more than 7.00% over the forecast period 2024-2032. Animal feed micronutrients, although required in minute quantities, play a monumental role in sustaining livestock health and enhancing productivity. These essential trace minerals—including zinc, iron, manganese, and copper—contribute to a range of biological functions such as enzyme activation, immune response, growth regulation, and reproductive efficiency. With the rapid intensification of the livestock industry, particularly in developing economies, the emphasis on precise and performance-driven nutrition has elevated the relevance of micronutrients in compound feed formulations. Their significance is further underscored by the ongoing transition towards science-based livestock management and sustainable animal farming practices.

The market's momentum is being accelerated by increasing incidences of micronutrient deficiencies in intensively farmed animals, which often result in compromised immunity, reduced growth rates, and reproductive anomalies. To counter these setbacks, feed manufacturers are investing heavily in advanced supplementation strategies that ensure consistent intake of trace elements across all livestock categories. The rising demand for high-quality animal products such as antibiotic-free meat, milk, and eggs has also propelled the adoption of feed micronutrients, as these elements fortify the natural disease-resistance mechanisms in animals. However, market growth may be hindered by fluctuating raw material costs and the risk of toxicity arising from improper dosage, necessitating stringent quality control and expert formulation protocols.

Technological innovations continue to redefine the micronutrient delivery landscape. Chelated mineral forms, for instance, have demonstrated superior bioavailability and absorption, allowing for more targeted efficacy while reducing environmental excretion. The integration of precision nutrition systems, supported by AI-driven analytics and farm-level data monitoring, has enabled producers to calibrate mineral inclusion in feed with higher accuracy. Such innovations not only optimize feed cost-to-output ratios but also contribute significantly to environmental sustainability—an increasingly vital consideration as regulatory frameworks tighten globally. Furthermore, industry stakeholders are proactively collaborating to develop customized premixes catering to the physiological demands of different species and production systems.

Regionally, Europe leads the animal feed micronutrients market owing to its sophisticated livestock infrastructure, robust regulatory standards, and widespread implementation of precision feeding practices. North America follows closely, driven by a mature animal husbandry sector and significant R&D spending in feed technologies. Asia Pacific is projected to witness the fastest growth over the forecast period, fueled by expanding meat and dairy consumption, rapid urbanization, and increased awareness of scientific feeding practices in emerging nations like China, India, and Indonesia. Meanwhile, Latin America and the Middle East & Africa are gradually embracing micronutrient-enhanced feeds as they scale up animal agriculture to meet domestic food security goals and export demands.

Major market player included in this report are:

Cargill, Incorporated

Nutreco N.V.

Archer Daniels Midland Company

Zinpro Corporation

Kemin Industries, Inc.

Royal DSM N.V.

Lallemand Inc.

Alltech Inc.

Balchem Corporation

Novus International, Inc.

Tanke Biosciences Corp.

QualiTech, Inc.

Prathista Industries Ltd.

Global Animal Products

Biochem Zusatzstoffe Handels- und Produktionsgesellschaft mbH

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

By Type

Zinc

Iron

Manganese

Copper

By Livestock

Ruminant

Poultry

Aqua

Swine

Equine

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

Latin America

Brazil

Mexico

Middle East & Africa

Saudi Arabia

South Africa

RoMEA

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.

Contents

CHAPTER 1. GLOBAL ANIMAL FEED MICRONUTRIENTS MARKET EXECUTIVE SUMMARY

- 1.1. Global Animal Feed Micronutrients Market Size & Forecast (2022-2032)
- 1.2. Regional Summary
- 1.3. Segmental Summary
 - 1.3.1. By Type
 - 1.3.2. By Livestock
- 1.4. Key Trends
- 1.5. Recession Impact
- 1.6. Analyst Recommendation & Conclusion

CHAPTER 2. GLOBAL ANIMAL FEED MICRONUTRIENTS MARKET DEFINITION AND RESEARCH ASSUMPTIONS

- 2.1. Research Objective
- 2.2. Market Definition
- 2.3. Research Assumptions
 - 2.3.1. Inclusion & Exclusion
 - 2.3.2. Limitations
 - 2.3.3. Supply Side Analysis
 - 2.3.3.1. Availability
 - 2.3.3.2. Infrastructure
 - 2.3.3.3. Regulatory Environment
 - 2.3.3.4. Market Competition
 - 2.3.3.5. Economic Viability (Consumer's Perspective)
 - 2.3.4. Demand Side Analysis
 - 2.3.4.1. Regulatory Frameworks
 - 2.3.4.2. Technological Advancements
 - 2.3.4.3. Environmental Considerations
 - 2.3.4.4. Consumer Awareness & Acceptance
- 2.4. Estimation Methodology
- 2.5. Years Considered for the Study
- 2.6. Currency Conversion Rates

CHAPTER 3. GLOBAL ANIMAL FEED MICRONUTRIENTS MARKET DYNAMICS

3.1. Market Drivers

- 3.1.1. Escalating demand for high quality animal protein
- 3.1.2. Rising prevalence of micronutrient deficiencies in intensive farming
- 3.1.3. Stricter regulations on feed quality and animal welfare

3.2. Market Challenges

- 3.2.1. Volatility in mineral raw material prices
- 3.2.2. Risk of toxicity from improper dosage
- 3.2.3. Complexity of formulation and quality control

3.3. Market Opportunities

- 3.3.1. Adoption of chelated and nano mineral technologies
- 3.3.2. Integration of precision nutrition systems
- 3.3.3. Expansion of aqua and equine feed segments

CHAPTER 4. GLOBAL ANIMAL FEED MICRONUTRIENTS MARKET INDUSTRY ANALYSIS

4.1. Porter's 5 Force Model

- 4.1.1. Bargaining Power of Suppliers
- 4.1.2. Bargaining Power of Buyers
- 4.1.3. Threat of New Entrants
- 4.1.4. Threat of Substitutes
- 4.1.5. Competitive Rivalry
- 4.1.6. Futuristic Approach to Porter's 5 Force Model
- 4.1.7. Porter's 5 Force Impact Analysis

4.2. PESTEL Analysis

- 4.2.1. Political
- 4.2.2. Economical
- 4.2.3. Social
- 4.2.4. Technological
- 4.2.5. Environmental
- 4.2.6. Legal

4.3. Top Investment Opportunity

4.4. Top Winning Strategies

4.5. Disruptive Trends

4.6. Industry Expert Perspective

4.7. Analyst Recommendation & Conclusion

CHAPTER 5. GLOBAL ANIMAL FEED MICRONUTRIENTS MARKET SIZE & FORECASTS BY TYPE 2022 2032

5.1. Segment Dashboard

5.2. Global Animal Feed Micronutrients Market: Type Revenue Trend Analysis, 2022 & 2032 (USD Million)

5.2.1. Zinc

5.2.2. Iron

5.2.3. Manganese

5.2.4. Copper

CHAPTER 6. GLOBAL ANIMAL FEED MICRONUTRIENTS MARKET SIZE & FORECASTS BY LIVESTOCK 2022 2032

6.1. Segment Dashboard

6.2. Global Animal Feed Micronutrients Market: Livestock Revenue Trend Analysis, 2022 & 2032 (USD Million)

6.2.1. Ruminant

6.2.2. Poultry

6.2.3. Aqua

6.2.4. Swine

6.2.5. Equine

CHAPTER 7. GLOBAL ANIMAL FEED MICRONUTRIENTS MARKET SIZE & FORECASTS BY REGION 2022 2032

7.1. North America Animal Feed Micronutrients Market

7.1.1. U.S. Animal Feed Micronutrients Market

7.1.1.1. Type breakdown size & forecasts, 2022 2032

7.1.1.2. Livestock breakdown size & forecasts, 2022 2032

7.1.2. Canada Animal Feed Micronutrients Market

7.2. Europe Animal Feed Micronutrients Market

7.2.1. U.K. Animal Feed Micronutrients Market

7.2.2. Germany Animal Feed Micronutrients Market

7.2.3. France Animal Feed Micronutrients Market

7.2.4. Spain Animal Feed Micronutrients Market

7.2.5. Italy Animal Feed Micronutrients Market

7.2.6. Rest of Europe Animal Feed Micronutrients Market

7.3. Asia Pacific Animal Feed Micronutrients Market

7.3.1. China Animal Feed Micronutrients Market

7.3.2. India Animal Feed Micronutrients Market

- 7.3.3.?Japan Animal Feed Micronutrients Market
- 7.3.4.?Australia Animal Feed Micronutrients Market
- 7.3.5.?South Korea Animal Feed Micronutrients Market
- 7.3.6.?Rest of Asia Pacific Animal Feed Micronutrients Market
- 7.4.?Latin America Animal Feed Micronutrients Market
 - 7.4.1.?Brazil Animal Feed Micronutrients Market
 - 7.4.2.?Mexico Animal Feed Micronutrients Market
 - 7.4.3.?Rest of Latin America Animal Feed Micronutrients Market
- 7.5.?Middle East & Africa Animal Feed Micronutrients Market
 - 7.5.1.?Saudi Arabia Animal Feed Micronutrients Market
 - 7.5.2.?South Africa Animal Feed Micronutrients Market
 - 7.5.3.?Rest of Middle East & Africa Animal Feed Micronutrients Market

CHAPTER 8. COMPETITIVE INTELLIGENCE

- 8.1.?Key Company SWOT Analysis
 - 8.1.1.?Cargill, Incorporated
 - 8.1.2.?NutraCo N.V.
 - 8.1.3.?Archer Daniels Midland Company
- 8.2.?Top Market Strategies
- 8.3.?Company Profiles
 - 8.3.1.?Cargill, Incorporated
 - 8.3.1.1.?Key Information
 - 8.3.1.2.?Overview
 - 8.3.1.3.?Financial (Subject to Data Availability)
 - 8.3.1.4.?Product Summary
 - 8.3.1.5.?Market Strategies
 - 8.3.2.?NutraCo N.V.
 - 8.3.3.?Archer Daniels Midland Company
 - 8.3.4.?Zinpro Corporation
 - 8.3.5.?Kemin Industries, Inc.
 - 8.3.6.?Royal DSM N.V.
 - 8.3.7.?Lallemand Inc.
 - 8.3.8.?Alltech Inc.
 - 8.3.9.?Balchem Corporation
 - 8.3.10.?Novus International, Inc.
 - 8.3.11.?Tanche Biosciences Corp.
 - 8.3.12.?QualiTech, Inc.
 - 8.3.13.?Prathista Industries Ltd.

8.3.14. ?Global Animal Products

8.3.15. ?Biochem Zusatzstoffe Handels- und Produktionsgesellschaft mbH

CHAPTER 9. RESEARCH PROCESS

9.1. ?Research Process

9.1.1. ?Data Mining

9.1.2. ?Analysis

9.1.3. ?Market Estimation

9.1.4. ?Validation

9.1.5. ?Publishing

9.2. ?Research Attributes

List Of Tables

LIST OF TABLES

TABLE 1. Global Animal Feed Micronutrients market, report scope

TABLE 2. Global Animal Feed Micronutrients market estimates & forecasts by Region 2022 2032 (USD Million)

TABLE 3. Global Animal Feed Micronutrients market estimates & forecasts by Type 2022 2032 (USD Million)

TABLE 4. Global Animal Feed Micronutrients market estimates & forecasts by Livestock 2022 2032 (USD Million)

TABLE 5. Global Animal Feed Micronutrients market by segment, estimates & forecasts, 2022 2032 (USD Million)

TABLE 6. Global Animal Feed Micronutrients market by region, estimates & forecasts, 2022 2032 (USD Million)

TABLE 7. U.S. Animal Feed Micronutrients market estimates & forecasts, 2022 2032 (USD Million)

TABLE 8. U.S. Animal Feed Micronutrients market estimates & forecasts by segment 2022 2032 (USD Million)

TABLE 9. Canada Animal Feed Micronutrients market estimates & forecasts, 2022 2032 (USD Million)

TABLE 10. Canada Animal Feed Micronutrients market estimates & forecasts by segment 2022 2032 (USD Million)

TABLE 11. U.K. Animal Feed Micronutrients market estimates & forecasts, 2022 2032 (USD Million)

TABLE 12. Germany Animal Feed Micronutrients market estimates & forecasts, 2022 2032 (USD Million)

TABLE 13. France Animal Feed Micronutrients market estimates & forecasts, 2022 2032 (USD Million)

TABLE 14. Spain Animal Feed Micronutrients market estimates & forecasts, 2022 2032 (USD Million)

TABLE 15. Italy Animal Feed Micronutrients market estimates & forecasts, 2022 2032 (USD Million)

TABLE 16. Rest of Europe Animal Feed Micronutrients market estimates & forecasts, 2022 2032 (USD Million)

TABLE 17. China Animal Feed Micronutrients market estimates & forecasts, 2022 2032 (USD Million)

TABLE 18. India Animal Feed Micronutrients market estimates & forecasts, 2022 2032 (USD Million)

TABLE 19. Japan Animal Feed Micronutrients market estimates & forecasts, 2022 2032 (USD Million)

TABLE 20. Australia Animal Feed Micronutrients market estimates & forecasts, 2022 2032 (USD Million)

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