

Global Animal Feed Protein Ingredients Market Size study, by Product (Oilseed Meals [Soymeal, Rapeseed/Canola Meal, Sunflower Meal, Copra Palm Meal, Cottonseed Meal], Fishmeal, Animal By-product Meals), by Livestock and Regional Forecasts 2022-2032

<https://marketpublishers.com/r/G0A3D1DC95CAEN.html>

Date: April 2025

Pages: 285

Price: US\$ 3,218.00 (Single User License)

ID: G0A3D1DC95CAEN

Abstracts

Global Animal Feed Protein Ingredients Market is valued at approximately USD 253.2 billion in 2023 and is anticipated to grow with a robust CAGR of more than 9.00% over the forecast period 2024-2032. Animal feed protein ingredients have emerged as the backbone of modern livestock nutrition strategies, serving as the key contributors to growth performance, reproductive efficiency, and overall animal health. These ingredients—comprising a variety of high-protein sources such as oilseed meals, fishmeal, and animal by-product meals—are pivotal in meeting the soaring global demand for quality meat, milk, and eggs. As producers increasingly transition toward intensive, scalable, and sustainable animal farming systems, protein-rich feed formulations have evolved from being supplementary to strategic, underpinning productivity in poultry, cattle, and aquaculture segments.

The expansion of this market is being propelled by rapid population growth, changing dietary habits favoring protein consumption, and the continual pressure on producers to maximize feed conversion ratios. Soymeal continues to dominate as the most extensively used plant-based protein, owing to its high digestibility and amino acid profile, while fishmeal remains a staple in aquaculture due to its superior nutrient density. Additionally, meals derived from canola, sunflower, and cottonseed have gained ground as viable and sustainable alternatives, especially in regions where soy production is constrained or consumer preference leans toward diversified inputs.

Meanwhile, the adoption of animal by-product meals is rebounding as rendering technology advancements alleviate safety and ethical concerns, making them more palatable across regulatory frameworks.

Technological advancements in extraction, enzymatic hydrolysis, and feed processing have dramatically improved the functional characteristics of protein ingredients. These innovations have enabled manufacturers to produce highly digestible and heat-stable proteins that maintain nutritional integrity even under high-temperature extrusion and pelleting processes. Moreover, the emergence of precision formulation platforms now allows nutritionists to tailor protein inputs in real-time based on species-specific requirements and lifecycle stages—improving performance while minimizing nitrogen excretion and overall feed costs. In tandem, sustainability has become an undeniable driver, with producers gravitating toward upcycled ingredients and those with a lower carbon footprint to future-proof their supply chains.

The competitive landscape is undergoing a significant reshaping as leading players pursue vertical integration, strategic acquisitions, and regional expansion to gain access to raw material sources and fortify supply chain reliability. Collaborations between ingredient producers, academic institutions, and feed manufacturers are also fostering product innovation, especially in the development of protein concentrates and isolate blends that address evolving livestock demands. Market participants are doubling down on R&D investments to bring to market next-generation protein sources that are not only cost-effective but also align with consumer and retailer mandates around clean labels, traceability, and sustainable sourcing.

Regionally, Asia Pacific dominates the animal feed protein ingredients market, underpinned by its vast livestock population, growing middle-class income, and government-backed initiatives to bolster protein self-sufficiency. China and India lead the charge, particularly in poultry and dairy applications. North America and Europe represent mature markets, characterized by high uptake of specialized protein concentrates and a well-established infrastructure for animal nutrition R&D. Latin America, particularly Brazil and Argentina, serves as both a production hub for soymeal and an export engine for protein-rich feed. Meanwhile, the Middle East and Africa are steadily emerging, buoyed by rising investments in feed manufacturing infrastructure and expanding commercial livestock production.

Major market player included in this report are:

Cargill, Incorporated

ADM (Archer Daniels Midland Company)

DSM Nutritional Products AG

Alltech Inc.

Nutreco N.V.

Bunge Limited

CHS Inc.

Roquette Frères

DuPont de Nemours, Inc.

Kemin Industries, Inc.

Darling Ingredients Inc.

BASF SE

Evonik Industries AG

Nor-Feed

Proliver

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

By Product

Oilseed Meals

Soymeal

Rapeseed/Canola Meal

Sunflower Meal

Copra Palm Meal

Cottonseed Meal

Fishmeal

Animal By-product Meals

By Livestock

Poultry

Cattle

Swine

Aquaculture

Others

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.

Contents

CHAPTER 1. GLOBAL ANIMAL FEED PROTEIN INGREDIENTS MARKET EXECUTIVE SUMMARY

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

CHAPTER 2. GLOBAL ANIMAL FEED PROTEIN INGREDIENTS 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 (Producer'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 PROTEIN INGREDIENTS MARKET DYNAMICS

3.1. Market Drivers

- 3.1.1. Rising Global Protein Demand
- 3.1.2. Technological Advancements in Protein Extraction and Processing
- 3.1.3. Sustainability and Environmental Pressures

3.2. Market Challenges

- 3.2.1. Volatility in Raw Material Prices
- 3.2.2. Supply Chain and Logistical Disruptions

3.3. Market Opportunities

- 3.3.1. Expansion in Emerging Economies
- 3.3.2. Development of Novel Alternative Protein Sources
- 3.3.3. Precision Nutrition and Custom Blends

CHAPTER 4. GLOBAL ANIMAL FEED PROTEIN INGREDIENTS 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 PROTEIN INGREDIENTS MARKET SIZE & FORECASTS BY PRODUCT 2022–2032

5.1. Segment Dashboard

5.2. Global Animal Feed Protein Ingredients Market: Product Revenue Trend Analysis, 2022 & 2032 (USD Billion)

5.2.1. Oilseed Meals

5.2.2. Fishmeal

5.2.3. Animal By product Meals

CHAPTER 6. GLOBAL ANIMAL FEED PROTEIN INGREDIENTS MARKET SIZE & FORECASTS BY LIVESTOCK 2022–2032

6.1. Segment Dashboard

6.2. Global Animal Feed Protein Ingredients Market: Livestock Revenue Trend Analysis, 2022 & 2032 (USD Billion)

6.2.1. Poultry

6.2.2. Cattle

6.2.3. Swine

6.2.4. Aquaculture

6.2.5. Others

CHAPTER 7. GLOBAL ANIMAL FEED PROTEIN INGREDIENTS MARKET SIZE & FORECASTS BY REGION 2022–2032

7.1. North America Market

7.1.1. U.S. Market

7.1.1.1. Product breakdown size & forecasts, 2022–2032

7.1.1.2. Livestock breakdown size & forecasts, 2022–2032

7.1.2. Canada Market

7.2. Europe Market

7.2.1. UK Market

7.2.2. Germany Market

7.2.3. France Market

7.2.4. Spain Market

7.2.5. Italy Market

7.2.6. Rest of Europe Market

7.3. Asia Pacific Market

7.3.1. China Market

7.3.2. India Market

7.3.3. Japan Market

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

CHAPTER 8. COMPETITIVE INTELLIGENCE

- 8.1. Key Company SWOT Analysis
 - 8.1.1. Cargill, Incorporated
 - 8.1.2. ADM (Archer Daniels Midland Company)
 - 8.1.3. DSM Nutritional Products AG
- 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. ADM (Archer Daniels Midland Company)
 - 8.3.3. DSM Nutritional Products AG
 - 8.3.4. Alltech Inc.
 - 8.3.5. Nutreco N.V.
 - 8.3.6. Bunge Limited
 - 8.3.7. CHS Inc.
 - 8.3.8. Roquette Freres
 - 8.3.9. DuPont de Nemours, Inc.
 - 8.3.10. Kemin Industries, Inc.
 - 8.3.11. Darling Ingredients Inc.
 - 8.3.12. BASF SE
 - 8.3.13. Evonik Industries AG
 - 8.3.14. Nor Feed

8.3.15. Proliver

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 Protein Ingredients market, report scope

TABLE 2. Global Animal Feed Protein Ingredients market estimates & forecasts by Region 2022–2032 (USD Billion)

TABLE 3. Global Animal Feed Protein Ingredients market estimates & forecasts by Product 2022–2032 (USD Billion)

TABLE 4. Global Animal Feed Protein Ingredients market estimates & forecasts by Livestock 2022–2032 (USD Billion)

... up to TABLE 20, with breakdowns by region and segment as per chapters above.

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