

# **Animal Feed Plant Based Protein Isolate Market Size, Share & Trends Analysis Report By Source (Soybean Protein, Sunflower Protein, Pea Protein), By Form, By Application (Poultry Feed, Aquaculture Feed, Pet Food), By Region, And Segment Forecasts, 2025 - 2030**

<https://marketpublishers.com/r/A310FEAE693CEN.html>

Date: March 2025

Pages: 80

Price: US\$ 5,950.00 (Single User License)

ID: A310FEAE693CEN

## **Abstracts**

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### **Animal Feed Plant Based Protein Isolate Market Growth & Trends**

The global animal feed plant based protein isolate market size is anticipated to reach USD 3.54 billion by 2030, registering a CAGR of 8.1% during the forecast period, according to a new report by Grand View Research, Inc. The demand for plant-based protein isolates in animal feed is growing due to their sustainability, cost-effectiveness, and nutritional benefits. With rising concerns over environmental impact, producers seek alternatives to traditional animal-based proteins. Additionally, plant-based protein isolates, such as soy and pea, offer high digestibility and essential amino acids, supporting livestock health and growth.

The poultry feed segment dominated the animal feed plant-based protein isolate industry with the largest revenue share of 43.6% in 2024. Plant-based protein isolates, such as soy and pea, offer high protein content, essential amino acids, and better digestibility, making them a suitable alternative to traditional animal-based proteins. Additionally, concerns over sustainability, fluctuating fishmeal prices, and regulatory restrictions on antibiotic use are pushing poultry farmers toward plant-based feed solutions. Improved feed conversion efficiency and cost-effectiveness further contribute

the rising adoption of plant-based protein isolates in poultry nutrition.

Asia Pacific emerged as the largest regional segment with a revenue share of 41.2% in 2024, which is attributable for animal-based protein continues rise and the region focuses on more sustainable practices, the use of plant protein isolates, especially soybean protein, will remain central the growth of the animal feed market in Asia Pacific.

### Animal Feed Plant Based Protein Isolate Market Report Highlights

Based on source, the sunflower protein segment is expected to grow at the fastest CAGR of 8.9% during the forecast period. The segment is gaining traction in the market due to its high nutritional value, sustainability, and cost-effectiveness. Sunflower protein isolate is rich in essential amino acids, particularly methionine, which is often limited in other plant-based proteins like soy. It also has high digestibility and a well-balanced protein profile, making it a viable alternative for livestock and poultry feed.

Based on form, the powder segment is expected to grow at the fastest CAGR of 8.2% during the forecast period. This is the dominant form in the market due to its ease of handling, longer shelf life, and high solubility in feed formulations. Powdered plant protein isolates, such as soy, pea, and sunflower, offer consistent nutrient concentration and better digestibility, enhancing livestock and poultry growth performance.

The poultry feed application segment dominated the market with a revenue share of 43.6% in 2024. The segment is growing due to increasing global demand for poultry meat and eggs, driven by rising population and dietary shifts toward lean protein sources. Additionally, concerns over sustainability, fluctuating fishmeal prices, and regulatory restrictions on antibiotic use are pushing poultry farmers toward plant-based feed solutions.

Asia Pacific was the dominant region in the animal feed plant based protein

isolate industry with a revenue share of 41.2% in 2024. Key market growth drivers include the rising popularity of meat alternatives, an increasing vegan and vegetarian population, ongoing innovation in product development, and supportive government initiatives. While challenges such as cost and consumer acceptance persist, the industry presents substantial growth opportunities for investment and innovation

Key industry participants include The Scoular Company; ADM; Hamlet Protein; Glanbia PLC; Taile Chemical Industry, Co. Ltd.; A&B Ingredients Inc.; HL AgrProducts Pvt. Ltd.; Roquette Freres; Cargill; Incorporated; and Emsland Group

In January 2023, De Heus Animal Nutrition installed a new greenfield animal feed manufacturing plant in Ivory Coast, West Africa. The facility has an initial production capacity of 120,000 metric tons of feed for various animals, including cattle.

## Contents

### CHAPTER 1. METHODOLOGY AND SCOPE

- 1.1. Market Segmentation & Scope
- 1.2. Market Definition
- 1.3. Information Procurement
  - 1.3.1. Information Analysis
  - 1.3.2. Market Formulation & Data Visualization
  - 1.3.3. Data Validation & Publishing
- 1.4. Research Scope and Assumptions
  - 1.4.1. List of Data Sources

### CHAPTER 2. EXECUTIVE SUMMARY

- 2.1. Market Snapshot
- 2.2. Segmental Outlook
- 2.3. Competitive Outlook

### CHAPTER 3. MARKET VARIABLES, TRENDS, AND SCOPE

- 3.1. Global Animal Feed Plant Based Protein Isolate Market Outlook
- 3.2. Value Chain Analysis
  - 3.2.1. Raw Material Outlook
  - 3.2.2. Manufacturing/Form Outlook
  - 3.2.3. Sales Channel Analysis
- 3.3. Price Trend Analysis
  - 3.3.1. Factors Influencing Prices
- 3.4. Regulatory Framework
  - 3.4.1. Standards & Compliances
- 3.5. Market Dynamics
  - 3.5.1. Market Driver Analysis
  - 3.5.2. Market Restraint Analysis
  - 3.5.3. Market Challenges Analysis
  - 3.5.4. Market Opportunity Analysis
- 3.6. Porter's Five Forces Analysis
  - 3.6.1. Bargaining Power of Suppliers
  - 3.6.2. Bargaining Power of Buyers
  - 3.6.3. Threat of Substitution

- 3.6.4. Threat of New Entrants
- 3.6.5. Competitive Rivalry
- 3.7. PESTLE Analysis
  - 3.7.1. Political
  - 3.7.2. Economic
  - 3.7.3. Social Landscape
  - 3.7.4. Form
  - 3.7.5. Environmental
  - 3.7.6. Legal

## **CHAPTER 4. ANIMAL FEED PLANT BASED PROTEIN ISOLATE MARKET: SOURCE ESTIMATES & TREND ANALYSIS**

- 4.1. Animal Feed Plant Based Protein Isolate Market: Source Movement Analysis, 2023 & 2030
- 4.2. Sunflower Protein
  - 4.2.1. Market estimates and forecasts, 2018 - 2030 (Kilotons) (USD Million)
- 4.3. Soybean Protein
  - 4.3.1. Market estimates and forecasts, 2018 - 2030 (Kilotons) (USD Million)
- 4.4. Pea Protein
  - 4.4.1. Market estimates and forecasts, 2018 - 2030 (Kilotons) (USD Million)
- 4.5. Canola Protein
  - 4.5.1. Market estimates and forecasts, 2018 - 2030 (Kilotons) (USD Million)
- 4.6. Potato Protein
  - 4.6.1. Market estimates and forecasts, 2018 - 2030 (Kilotons) (USD Million)
- 4.7. Other Sources
  - 4.7.1. Market estimates and forecasts, 2018 - 2030 (Kilotons) (USD Million)

## **CHAPTER 5. ANIMAL FEED PLANT BASED PROTEIN ISOLATE MARKET: FORM ESTIMATES & TREND ANALYSIS**

- 5.1. Animal Feed Plant Based Protein Isolate Market: Form Movement Analysis, 2023 & 2030
- 5.2. Powder
  - 5.2.1. Market estimates and forecasts, 2018 - 2030 (Kilotons) (USD Million)
- 5.3. Liquid
  - 5.3.1. Market estimates and forecasts, 2018 - 2030 (Kilotons) (USD Million)

## **CHAPTER 6. ANIMAL FEED PLANT BASED PROTEIN ISOLATE MARKET:**

## **APPLICATION ESTIMATES & TREND ANALYSIS**

6.1. Animal Feed Plant Based Protein Isolate Market: Application Movement Analysis, 2023 & 2030

6.2. Poultry Feed

6.2.1. Market estimates and forecasts, 2018 - 2030 (Kilotons) (USD Million)

6.3. Aquaculture Feed

6.3.1. Market estimates and forecasts, 2018 - 2030 (Kilotons) (USD Million)

6.4. Livestock Feed

6.4.1. Market estimates and forecasts, 2018 - 2030 (Kilotons) (USD Million)

6.5. Pet Food

6.5.1. Market estimates and forecasts, 2018 - 2030 (Kilotons) (USD Million)

## **CHAPTER 7. ANIMAL FEED PLANT BASED PROTEIN ISOLATE MARKET: REGIONAL ESTIMATES & TREND ANALYSIS**

7.1. Regional Analysis, 2023 & 2030

7.2. North America

7.2.1. Market estimates and forecasts, 2018 - 2030 (Kilotons) (USD Million)

7.2.2. Market estimates and forecasts, by source, 2018 - 2030 (Kilotons) (USD Million)

7.2.3. Market estimates and forecasts, by form, 2018 - 2030 (Kilotons) (USD Million)

7.2.4. Market estimates and forecasts, by application, 2018 - 2030 (Kilotons) (USD Million)

7.2.5. U.S.

7.2.5.1. Market estimates and forecasts, 2018 - 2030 (Kilotons) (USD Million)

7.2.5.2. Market estimates and forecasts, by source, 2018 - 2030 (Kilotons) (USD Million)

7.2.5.3. Market estimates and forecasts, by form, 2018 - 2030 (Kilotons) (USD Million)

7.2.5.4. Market estimates and forecasts, by application, 2018 - 2030 (Kilotons) (USD Million)

7.2.6. Canada

7.2.6.1. Market estimates and forecasts, 2018 - 2030 (Kilotons) (USD Million)

7.2.6.2. Market estimates and forecasts, by source, 2018 - 2030 (Kilotons) (USD Million)

7.2.6.3. Market estimates and forecasts, by form, 2018 - 2030 (Kilotons) (USD Million)

7.2.6.4. Market estimates and forecasts, by application, 2018 - 2030 (Kilotons) (USD Million)

#### 7.2.7. Mexico

7.2.7.1. Market estimates and forecasts, 2018 - 2030 (Kilotons) (USD Million)

7.2.7.2. Market estimates and forecasts, by source, 2018 - 2030 (Kilotons) (USD Million)

7.2.7.3. Market estimates and forecasts, by form, 2018 - 2030 (Kilotons) (USD Million)

7.2.7.4. Market estimates and forecasts, by application, 2018 - 2030 (Kilotons) (USD Million)

#### 7.3. Europe

7.3.1. Market estimates and forecasts, 2018 - 2030 (Kilotons) (USD Million)

7.3.2. Market estimates and forecasts, by source, 2018 - 2030 (Kilotons) (USD Million)

7.3.3. Market estimates and forecasts, by form, 2018 - 2030 (Kilotons) (USD Million)

7.3.4. Market estimates and forecasts, by application, 2018 - 2030 (Kilotons) (USD Million)

#### 7.3.5. Germany

7.3.5.1. Market estimates and forecasts, 2018 - 2030 (Kilotons) (USD Million)

7.3.5.2. Market estimates and forecasts, by source, 2018 - 2030 (Kilotons) (USD Million)

7.3.5.3. Market estimates and forecasts, by form, 2018 - 2030 (Kilotons) (USD Million)

7.3.5.4. Market estimates and forecasts, by application, 2018 - 2030 (Kilotons) (USD Million)

#### 7.3.6. UK

7.3.6.1. Market estimates and forecasts, 2018 - 2030 (Kilotons) (USD Million)

7.3.6.2. Market estimates and forecasts, by source, 2018 - 2030 (Kilotons) (USD Million)

7.3.6.3. Market estimates and forecasts, by form, 2018 - 2030 (Kilotons) (USD Million)

7.3.6.4. Market estimates and forecasts, by application, 2018 - 2030 (Kilotons) (USD Million)

#### 7.3.7. France

7.3.7.1. Market estimates and forecasts, 2018 - 2030 (Kilotons) (USD Million)

7.3.7.2. Market estimates and forecasts, by source, 2018 - 2030 (Kilotons) (USD Million)

7.3.7.3. Market estimates and forecasts, by form, 2018 - 2030 (Kilotons) (USD Million)

7.3.7.4. Market estimates and forecasts, by application, 2018 - 2030 (Kilotons) (USD Million)

#### 7.3.8. Italy



7.3.8.1. Market estimates and forecasts, 2018 - 2030 (Kilotons) (USD Million)

7.3.8.2. Market estimates and forecasts, by source, 2018 - 2030 (Kilotons) (USD Million)

7.3.8.3. Market estimates and forecasts, by form, 2018 - 2030 (Kilotons) (USD Million)

7.3.8.4. Market estimates and forecasts, by application, 2018 - 2030 (Kilotons) (USD Million)

7.3.9. Spain

7.3.9.1. Market estimates and forecasts, 2018 - 2030 (Kilotons) (USD Million)

7.3.9.2. Market estimates and forecasts, by source, 2018 - 2030 (Kilotons) (USD Million)

7.3.9.3. Market estimates and forecasts, by form, 2018 - 2030 (Kilotons) (USD Million)

7.3.9.4. Market estimates and forecasts, by application, 2018 - 2030 (Kilotons) (USD Million)

7.4. Asia Pacific

7.4.1. Market estimates and forecasts, 2018 - 2030 (Kilotons) (USD Million)

7.4.2. Market estimates and forecasts, by source 2018 - 2030 (Kilotons) (USD Million)

7.4.3. Market estimates and forecasts, by form, 2018 - 2030 (Kilotons) (USD Million)

7.4.4. Market estimates and forecasts, by application, 2018 - 2030 (Kilotons) (USD Million)

7.4.5. China

7.4.5.1. Market estimates and forecasts, 2018 - 2030 (Kilotons) (USD Million)

7.4.5.2. Market estimates and forecasts, by source, 2018 - 2030 (Kilotons) (USD Million)

7.4.5.3. Market estimates and forecasts, by form, 2018 - 2030 (Kilotons) (USD Million)

7.4.5.4. Market estimates and forecasts, by application, 2018 - 2030 (Kilotons) (USD Million)

7.4.6. India

7.4.6.1. Market estimates and forecasts, 2018 - 2030 (Kilotons) (USD Million)

7.4.6.2. Market estimates and forecasts, by source, 2018 - 2030 (Kilotons) (USD Million)

7.4.6.3. Market estimates and forecasts, by form, 2018 - 2030 (Kilotons) (USD Million)

7.4.6.4. Market estimates and forecasts, by application, 2018 - 2030 (Kilotons) (USD Million)

7.4.7. Japan

7.4.7.1. Market estimates and forecasts, 2018 - 2030 (Kilotons) (USD Million)



7.4.7.2. Market estimates and forecasts, by source, 2018 - 2030 (Kilotons) (USD Million)

7.4.7.3. Market estimates and forecasts, by form, 2018 - 2030 (Kilotons) (USD Million)

7.4.7.4. Market estimates and forecasts, by application, 2018 - 2030 (Kilotons) (USD Million)

#### 7.4.8. South Korea

7.4.8.1. Market estimates and forecasts, 2018 - 2030 (Kilotons) (USD Million)

7.4.8.2. Market estimates and forecasts, by source, 2018 - 2030 (Kilotons) (USD Million)

7.4.8.3. Market estimates and forecasts, by form, 2018 - 2030 (Kilotons) (USD Million)

7.4.8.4. Market estimates and forecasts, by application, 2018 - 2030 (Kilotons) (USD Million)

#### 7.5. Latin America

7.5.1. Market estimates and forecasts, 2018 - 2030 (Kilotons) (USD Million)

7.5.2. Market estimates and forecasts, by source, 2018 - 2030 (Kilotons) (USD Million)

7.5.3. Market estimates and forecasts, by form, 2018 - 2030 (Kilotons) (USD Million)

7.5.4. Market estimates and forecasts, by application, 2018 - 2030 (Kilotons) (USD Million)

#### 7.5.5. Brazil

7.5.5.1. Market estimates and forecasts, 2018 - 2030 (Kilotons) (USD Million)

7.5.5.2. Market estimates and forecasts, by source, 2018 - 2030 (Kilotons) (USD Million)

7.5.5.3. Market estimates and forecasts, by form, 2018 - 2030 (Kilotons) (USD Million)

7.5.5.4. Market estimates and forecasts, by application, 2018 - 2030 (Kilotons) (USD Million)

#### 7.5.6. Argentina

7.5.6.1. Market estimates and forecasts, 2018 - 2030 (Kilotons) (USD Million)

7.5.6.2. Market estimates and forecasts, by source, 2018 - 2030 (Kilotons) (USD Million)

7.5.6.3. Market estimates and forecasts, by form, 2018 - 2030 (Kilotons) (USD Million)

7.5.6.4. Market estimates and forecasts, by application, 2018 - 2030 (Kilotons) (USD Million)

#### 7.6. Middle East & Africa

7.6.1. Market estimates and forecasts, 2018 - 2030 (Kilotons) (USD Million)

7.6.2. Market estimates and forecasts, by source, 2018 - 2030 (Kilotons) (USD Million)

- 7.6.3. Market estimates and forecasts, by form, 2018 - 2030 (Kilotons) (USD Million)
- 7.6.4. Market estimates and forecasts, by application, 2018 - 2030 (Kilotons) (USD Million)
- 7.6.5. Saudi Arabia
  - 7.6.5.1. Market estimates and forecasts, 2018 - 2030 (Kilotons) (USD Million)
  - 7.6.5.2. Market estimates and forecasts, by source, 2018 - 2030 (Kilotons) (USD Million)
  - 7.6.5.3. Market estimates and forecasts, by form, 2018 - 2030 (Kilotons) (USD Million)
  - 7.6.5.4. Market estimates and forecasts, by application, 2018 - 2030 (Kilotons) (USD Million)
- 7.6.6. South Africa
  - 7.6.6.1. Market estimates and forecasts, 2018 - 2030 (Kilotons) (USD Million)
  - 7.6.6.2. Market estimates and forecasts, by source, 2018 - 2030 (Kilotons) (USD Million)
  - 7.6.6.3. Market estimates and forecasts, by form, 2018 - 2030 (Kilotons) (USD Million)
  - 7.6.6.4. Market estimates and forecasts, by application, 2018 - 2030 (Kilotons) (USD Million)

## **CHAPTER 8. COMPETITIVE LANDSCAPE**

- 8.1. Recent Developments by Key Market Participants
- 8.2. Company Categorization
- 8.3. Company Heat Map Analysis
- 8.4. Company Market Positioning Analysis, 2024
- 8.5. Strategy Mapping
- 8.6. Company Profiles/Listing
  - 8.6.1. The Scoular Company
    - 8.6.1.1. Company Overview
    - 8.6.1.2. Financial Performance
    - 8.6.1.3. Product Benchmarking
  - 8.6.2. ADM
    - 8.6.2.1. Company Overview
    - 8.6.2.2. Financial Performance
    - 8.6.2.3. Product Benchmarking
  - 8.6.3. Hamlet Protein
    - 8.6.3.1. Company Overview
    - 8.6.3.2. Financial Performance

- 8.6.3.3. Product Benchmarking
- 8.6.4. Glanbia PLC
  - 8.6.4.1. Company Overview
  - 8.6.4.2. Financial Performance
  - 8.6.4.3. Product Benchmarking
- 8.6.5. A&B Ingredients Inc.
  - 8.6.5.1. Company Overview
  - 8.6.5.2. Financial Performance
  - 8.6.5.3. Product Benchmarking
- 8.6.6. Roquette Freres
  - 8.6.6.1. Company Overview
  - 8.6.6.2. Financial Performance
  - 8.6.6.3. Product Benchmarking
- 8.6.7. Cargill, Incorporated
  - 8.6.7.1. Company Overview
  - 8.6.7.2. Financial Performance
  - 8.6.7.3. Product Benchmarking
- 8.6.8. Ingredion
  - 8.6.8.1. Company Overview
  - 8.6.8.2. Financial Performance
  - 8.6.8.3. Product Benchmarking
- 8.6.9. HL Agro Products Pvt. Ltd.
  - 8.6.9.1. Company Overview
  - 8.6.9.2. Financial Performance
  - 8.6.9.3. Product Benchmarking
- 8.6.10. Emsland Group
  - 8.6.10.1. Company Overview
  - 8.6.10.2. Financial Performance
  - 8.6.10.3. Product Benchmarking

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