

# **Feed Binders Market- Global Industry Size, Share, Trends, Opportunity, and Forecast, 2018-2028F Segmented By Type (Lignosulfonates, Plant Gums and Starches, Molasses, Clay, Others), By Livestock (Poultry, Ruminants, Swine, Aquatic Animals, Others), By Nature (Natural, Synthetic), By Region and Competition**

<https://marketpublishers.com/r/FA5A45DFFD4FEN.html>

Date: August 2023

Pages: 118

Price: US\$ 4,900.00 (Single User License)

ID: FA5A45DFFD4FEN

## **Abstracts**

The Global Feed Binders Market is poised for significant growth through 2028, driven by the increasing demand for compound feed. In 2021, South Korea witnessed a compound feed production of approximately 19 million tonnes.

The projected period is expected to witness the expansion of the Global Feed Binders Market due to the rising awareness of animal nutrition and the growing demand for pelleted feed. This, in turn, drives the usage of feed binders in animal feed. Feed binders play a vital role in enhancing animal performance, disease control, and material handling characteristics. As a result, the demand for feed binders in animal feed is projected to surge in the coming years.

Compound feed, with its growing demand, holds immense importance in meeting the global food supply. The availability of consistent, economical, and secure animal feeds is crucial to meet the consumer demand for livestock products such as milk, meat, eggs, and more. Therefore, there is a pressing need for increased feed supplies, sources, and alternatives to cater to the significant growth in demand for livestock products. The growing world population further emphasizes the search for simplified, accessible, and alternative sources for animal feed production. Among the various ingredients used in feed formulation, feed binders like lignosulfonates, plant gums and starches, molasses,

and clay are employed to bind, glue, or hold the different feed ingredients together, ensuring proper compound feed creation for different animal species and maintaining pellet integrity. The use of feed binders in animal feed has gained attention in the animal feed industry due to their capability to enhance feed nutritive value, reduce feed wastage, and improve digestion in animals.

Manufacturers are also focused on enhancing the quality and safety of animal feed while ensuring cost-effectiveness, in response to the growing demand for safe and nutrient-rich feed. The inclusion of feed binders in animal feed aids in making the feed easily consumable and water-stable.

For instance, as per the International Feed Industry Federation (IFIF), the global annual compound feed production has reached 1 billion tonnes, generating an estimated annual turnover of over USD 400 billion. Moreover, according to the Agri-Food Outlook 2022 report from Alltech, the global compound feed production witnessed an increase from 1096 million tonnes in 2020 to 1121 million tonnes in 2022.

However, the increasing demand for aquaculture feed plays a crucial role. Leading companies have focused on the development and production of feed binders to capitalize on this growing trend. The expansion of the market for animal-derived products, particularly fish and fish products, coupled with the rising consumer demand for animal protein, has further accelerated market growth.

For example, in February 2023, Skretting, a division of the Dutch group Nutreco, inaugurated a state-of-the-art production facility for shrimp and fish feed in Mangrol, Surat.

Feed binders are utilized in animal nutrition to enhance the quality of feed, making it a practical and cost-effective approach to increasing animal output for long-term food security. Consequently, the increasing demand for feed binders by animal feed producers has resulted in the growth of the Global Feed Binders market in the forecast years.

Growing awareness regarding animal nutrients highlights the importance of providing animals with a well-balanced diet that meets their dietary requirements. Factors such as advancements in scientific research on animal nutrition, concerns about animal welfare in agriculture, and the growing interest in premium animal products have contributed to this understanding.

Animal nutrition is crucial for producing safe and wholesome food for human consumption while ensuring the well-being and productivity of animals. A balanced diet for animals comprises the ideal ratio of proteins, fats, carbohydrates, minerals, and vitamins, tailored to the specific requirements of each species and stage of development.

In recent years, there has been an increasing recognition of the need to provide animals with food that promotes natural eating habits and is free from harmful chemicals. This has led to the development of new feeding techniques and products, including vitamins and plant-based proteins that can enhance animal immune systems and overall health.

To produce high-quality animal products such as milk, eggs, meat, and meat products, animal producers are encouraged to adopt specific practices. This is expected to drive the increased use of nutritious feed binders in animal feed production. Certain binders, such as wheat gluten or starches, possess nutritional qualities that benefit animals. Furthermore, it is anticipated that the multifunctionality of feed binders will boost their utilization in animal feed production. For instance, the use of feed binders can enhance the nutritional content of feed, reduce feed waste, and improve animal digestion.

One such feed binder is Molastik, produced by Bonaventure. Molastik is a pellet binding agent made from molasses, which binds feed ingredients into harder, more durable range blocks, cubes, or pellets. It contains Calcium: 41.00%, Iron (% Bioavailable): 5.00%, Potassium: 0.20%, Zinc: 0.06%, Copper: 0.02%, and Manganese: 0.04%.

Moreover, increased public awareness of animal nutrition has brought about changes in agribusiness practices, with many farmers and producers opting for more environmentally friendly and compassionate approaches to animal rearing.

Therefore, the addition of nutrients to animal feed, either directly or in the form of binders, drives the growth of the global Feed Binders market during the projected period.

Lignosulfonates are poised to be the dominant type of feed binders. Lignosulfonates, byproducts of the paper and pulp industry, are commonly used as feed binders in animal nutrition. A feed binder is an ingredient added to animal feed to enhance its cohesion and prevent it from disintegrating. Lignosulfonates are effective binders as they can bind with both organic and inorganic materials, such as proteins, carbohydrates, and minerals. This aids in improving the structural integrity of the feed and preventing it from crumbling or breaking apart.

In addition to their binding properties, lignosulfonates offer some nutritional benefits for animals. They contain various minerals, including calcium, magnesium, and potassium, which contribute to healthy bone growth and overall well-being.

For example, Green Agrochem manufactures a range of lignosulfonates including sodium lignosulfonate, calcium lignosulfonate, ammonium lignosulfonate, magnesium lignosulfonate, potassium lignosulfonate, and chrome lignosulfonate. These lignosulfonates serve as binders for animal feed pellets.

Additionally, starches are utilized as feed binders in animal nutrition. They possess the ability to absorb moisture and form a gel-like substance that effectively binds with other feed ingredients. This enhances the structural integrity of the feed and prevents it from disintegrating. Moreover, starches serve as a source of energy for animals as they are complex carbohydrates that can be metabolized by digestive enzymes in the animal's gut.

Visco Starch, for instance, manufactures a feed binder for fish derived from corn, tapioca, or potato. This binder exhibits superior adhesion and expansion properties, acting as a natural binder.

These factors collectively contribute to the growing demand for feed binders in the global market. However, the high cost of feed binders poses a challenge for buyers, leading them to prefer binders with high cohesive properties to reduce inclusion costs and overall feed material expenses. Additionally, stringent regulatory bans and restrictions imposed by governments also impede the growth of the industry.

## Recent Developments

In February 2023, BENE0 extended Animal Nutrition portfolio with faba bean ingredients.

Anpario launched New “Ammonium Formate Free” product range in February 2023.

CP Kelco, expanded biogums production capacity at two of its plant facilities: Okmulgee, Oklahoma, USA and Wulian, China in July 2022.

In February 2020, Cra-Vac, a Toronto based company launched new pellet

binders by the name of halal pallet binders.

## Market Segmentation

Global Feed Binders Market is segmented based on type, livestock, nature, region and competitive landscape. Based on type, the market is categorized into lignosulfonates, plant gums and starches, molasses, clay, and others. Based on livestock, the market is fragmented into poultry, ruminants, swine, aquatic animals, and others. Based on nature, the market is segregated into natural and synthetic. Based on region, the market is divided into North America, Europe, Asia Pacific, South America, Middle East & Africa.

## Company Profiles

Beneo GmbH, Borregaard AS, CP Kelco U.S., Inc., Anpario plc., Roquette Freres SA, Bentoli, Inc., Royal Avebe U.A., Cra-Vac Industries Inc., Uniscope Inc., Elixir Bio Life Sciences are some of the key players of Global Feed Binders Market.

## Report Scope:

In this report, Global Feed Binders market has been segmented into the following categories, in addition to the industry trends, which have also been detailed below:

### Feed Binders Market, By Type:

Lignosulfonates

Plant Gums and Starches

Molasses

Clay

Others

### Feed Binders Market, By Livestock:

Poultry

Ruminants

Swine

Aquatic Animals

Others

Feed Binders Market, By Nature:

Natural

Synthetic

Feed Binders Market, By Region:

North America

United States

Mexico

Canada

Europe

France

Germany

United Kingdom

Spain

Italy

Asia-Pacific

China

India

South Korea

Japan

Australia

South America

Brazil

Argentina

Middle East & Africa

South Africa

Saudi Arabia

UAE

Competitive landscape

Company Profiles: Detailed analysis of the major companies in the Global Feed Binders Market.

Available Customizations:

With the given market data, TechSci Research offers customizations according to a company's specific needs. The following customization options are available for the report:

Company Information

Detailed analysis and profiling of additional market players (up to five).





## Contents

### **1. PRODUCT OVERVIEW**

- 1.1. Market Definition
- 1.2. Scope of the Market
  - 1.2.1. Markets Covered
  - 1.2.2. Years Considered for Study
  - 1.2.3. Key Market Segmentations

### **2. RESEARCH METHODOLOGY**

- 2.1. Objective of the Study
- 2.2. Baseline Methodology
- 2.3. Key Industry Partners
- 2.4. Major Association and Secondary Sources
- 2.5. Forecasting Methodology
- 2.6. Data Triangulation & Validation
- 2.7. Assumptions and Limitations

### **3. EXECUTIVE SUMMARY**

- 3.1. Overview of the Market
- 3.2. Overview of Key Market Segmentations
- 3.3. Overview of Key Market Players
- 3.4. Overview of Key Regions/Countries
- 3.5. Overview of Market Drivers, Challenges, Trends

### **4. VOICE OF CUSTOMER**

### **5. GLOBAL FEED BINDERS MARKET OUTLOOK**

- 5.1. Market Size & Forecast
  - 5.1.1. By Value
- 5.2. Market Share & Forecast
  - 5.2.1. By Type (Lignosulfonates, Plant Gums and Starches, Molasses, Clay, Others)
  - 5.2.2. By Livestock (Poultry, Ruminants, Swine, Aquatic Animals, Others)
  - 5.2.3. By Nature (Natural, Synthetic)

5.2.4. By Region (North America, Europe, Asia Pacific, South America, Middle East & Africa)

5.2.5. By Company (2022)

5.3. Market Map

5.3.1. By Type

5.3.2. By Livestock

5.3.3. By Nature

5.3.4. By Region

## **6. NORTH AMERICA FEED BINDERS MARKET OUTLOOK**

6.1. Market Size & Forecast

6.1.1. By Value

6.2. Market Share & Forecast

6.2.1. By Type

6.2.2. By Livestock

6.2.3. By Nature

6.2.4. By Country

6.3. North America: Country Analysis

6.3.1. United States Feed Binders Market Outlook

6.3.1.1. Market Size & Forecast

6.3.1.1.1. By Value

6.3.1.2. Market Share & Forecast

6.3.1.2.1. By Type

6.3.1.2.2. By Livestock

6.3.1.2.3. By Nature

6.3.2. Mexico Feed Binders Market Outlook

6.3.2.1. Market Size & Forecast

6.3.2.1.1. By Value

6.3.2.2. Market Share & Forecast

6.3.2.2.1. By Type

6.3.2.2.2. By Livestock

6.3.2.2.3. By Nature

6.3.3. Canada Feed Binders Market Outlook

6.3.3.1. Market Size & Forecast

6.3.3.1.1. By Value

6.3.3.2. Market Share & Forecast

6.3.3.2.1. By Type

6.3.3.2.2. By Livestock

#### 6.3.3.2.3. By Nature

## 7. EUROPE FEED BINDERS MARKET OUTLOOK

### 7.1. Market Size & Forecast

#### 7.1.1. By Value

### 7.2. Market Share & Forecast

#### 7.2.1. By Type

#### 7.2.2. By Livestock

#### 7.2.3. By Nature

#### 7.2.4. By Country

### 7.3. Europe: Country Analysis

#### 7.3.1. France Feed Binders Market Outlook

##### 7.3.1.1. Market Size & Forecast

###### 7.3.1.1.1. By Value

##### 7.3.1.2. Market Share & Forecast

###### 7.3.1.2.1. By Type

###### 7.3.1.2.2. By Livestock

###### 7.3.1.2.3. By Nature

#### 7.3.2. Germany Feed Binders Market Outlook

##### 7.3.2.1. Market Size & Forecast

###### 7.3.2.1.1. By Value

##### 7.3.2.2. Market Share & Forecast

###### 7.3.2.2.1. By Type

###### 7.3.2.2.2. By Livestock

###### 7.3.2.2.3. By Nature

#### 7.3.3. United Kingdom Feed Binders Market Outlook

##### 7.3.3.1. Market Size & Forecast

###### 7.3.3.1.1. By Value

##### 7.3.3.2. Market Share & Forecast

###### 7.3.3.2.1. By Type

###### 7.3.3.2.2. By Livestock

###### 7.3.3.2.3. By Nature

#### 7.3.4. Spain Feed Binders Market Outlook

##### 7.3.4.1. Market Size & Forecast

###### 7.3.4.1.1. By Value

##### 7.3.4.2. Market Share & Forecast

###### 7.3.4.2.1. By Type

###### 7.3.4.2.2. By Livestock

- 7.3.4.2.3. By Nature
- 7.3.5. Italy Feed Binders Market Outlook
  - 7.3.5.1. Market Size & Forecast
    - 7.3.5.1.1. By Value
  - 7.3.5.2. Market Share & Forecast
    - 7.3.5.2.1. By Type
    - 7.3.5.2.2. By Livestock
    - 7.3.5.2.3. By Nature

## **8. ASIA-PACIFIC FEED BINDERS MARKET OUTLOOK**

- 8.1. Market Size & Forecast
  - 8.1.1. By Value
- 8.2. Market Share & Forecast
  - 8.2.1. By Type
  - 8.2.2. By Livestock
  - 8.2.3. By Nature
  - 8.2.4. By Country
- 8.3. Asia-Pacific: Country Analysis
  - 8.3.1. China Feed Binders Market Outlook
    - 8.3.1.1. Market Size & Forecast
      - 8.3.1.1.1. By Value
    - 8.3.1.2. Market Share & Forecast
      - 8.3.1.2.1. By Type
      - 8.3.1.2.2. By Livestock
      - 8.3.1.2.3. By Nature
  - 8.3.2. India Feed Binders Market Outlook
    - 8.3.2.1. Market Size & Forecast
      - 8.3.2.1.1. By Value
    - 8.3.2.2. Market Share & Forecast
      - 8.3.2.2.1. By Type
      - 8.3.2.2.2. By Livestock
      - 8.3.2.2.3. By Nature
  - 8.3.3. South Korea Feed Binders Market Outlook
    - 8.3.3.1. Market Size & Forecast
      - 8.3.3.1.1. By Value
    - 8.3.3.2. Market Share & Forecast
      - 8.3.3.2.1. By Type
      - 8.3.3.2.2. By Livestock

- 8.3.3.2.3. By Nature
- 8.3.4. Japan Feed Binders Market Outlook
  - 8.3.4.1. Market Size & Forecast
    - 8.3.4.1.1. By Value
  - 8.3.4.2. Market Share & Forecast
    - 8.3.4.2.1. By Type
    - 8.3.4.2.2. By Livestock
    - 8.3.4.2.3. By Nature
- 8.3.5. Australia Feed Binders Market Outlook
  - 8.3.5.1. Market Size & Forecast
    - 8.3.5.1.1. By Value
  - 8.3.5.2. Market Share & Forecast
    - 8.3.5.2.1. By Type
    - 8.3.5.2.2. By Livestock
    - 8.3.5.2.3. By Nature

## **9. SOUTH AMERICA FEED BINDERS MARKET OUTLOOK**

- 9.1. Market Size & Forecast
  - 9.1.1. By Value
- 9.2. Market Share & Forecast
  - 9.2.1. By Type
  - 9.2.2. By Livestock
  - 9.2.3. By Nature
  - 9.2.4. By Country
- 9.3. South America: Country Analysis
  - 9.3.1. Brazil Feed Binders Market Outlook
    - 9.3.1.1. Market Size & Forecast
      - 9.3.1.1.1. By Value
    - 9.3.1.2. Market Share & Forecast
      - 9.3.1.2.1. By Type
      - 9.3.1.2.2. By Livestock
      - 9.3.1.2.3. By Nature
  - 9.3.2. Argentina Feed Binders Market Outlook
    - 9.3.2.1. Market Size & Forecast
      - 9.3.2.1.1. By Value
    - 9.3.2.2. Market Share & Forecast
      - 9.3.2.2.1. By Type
      - 9.3.2.2.2. By Livestock

#### 9.3.2.2.3. By Nature

### **10. MIDDLE EAST AND AFRICA FEED BINDERS MARKET OUTLOOK**

#### 10.1. Market Size & Forecast

##### 10.1.1. By Value

#### 10.2. Market Share & Forecast

##### 10.2.1. By Type

##### 10.2.2. By Livestock

##### 10.2.3. By Nature

##### 10.2.4. By Country

#### 10.3. MEA: Country Analysis

##### 10.3.1. South Africa Feed Binders Market Outlook

###### 10.3.1.1. Market Size & Forecast

###### 10.3.1.1.1. By Value

###### 10.3.1.2. Market Share & Forecast

###### 10.3.1.2.1. By Type

###### 10.3.1.2.2. By Livestock

###### 10.3.1.2.3. By Nature

##### 10.3.2. Saudi Arabia Feed Binders Market Outlook

###### 10.3.2.1. Market Size & Forecast

###### 10.3.2.1.1. By Value

###### 10.3.2.2. Market Share & Forecast

###### 10.3.2.2.1. By Type

###### 10.3.2.2.2. By Livestock

###### 10.3.2.2.3. By Nature

##### 10.3.3. UAE Feed Binders Market Outlook

###### 10.3.3.1. Market Size & Forecast

###### 10.3.3.1.1. By Value

###### 10.3.3.2. Market Share & Forecast

###### 10.3.3.2.1. By Type

###### 10.3.3.2.2. By Livestock

###### 10.3.3.2.3. By Nature

### **11. MARKET DYNAMICS**

#### 11.1. Drivers

##### 11.1.1. Rising demand for compound feed

##### 11.1.2. Growing awareness regarding animal nutrients

- 11.1.3. Increased Industrialization of Livestock
- 11.2. Challenges
  - 11.2.1. Stringent Regulatory Ban & Restriction
  - 11.2.2. High Cost of feed binder

## **12. MARKET TRENDS & DEVELOPMENTS**

- 12.1. Product Launches
- 12.2. Mergers & Acquisitions
- 12.3. Technological Advancements

## **13. GLOBAL FEED BINDERS MARKET: SWOT ANALYSIS**

## **14. PORTER'S FIVE FORCES ANALYSIS**

- 14.1. Competition in the Industry
- 14.2. Potential of New Entrants
- 14.3. Power of Suppliers
- 14.4. Power of Customers
- 14.5. Threat of Substitute Products

## **15. COMPETITIVE LANDSCAPE**

- 15.1. Business Overview
- 15.2. Product Offerings
- 15.3. Recent Developments
- 15.4. Financials (In Case of Listed Companies)
- 15.5. Key Personnel
  - 15.5.1. Beneo GmbH
  - 15.5.2. Borregaard AS
  - 15.5.3. CP Kelco U.S., Inc.
  - 15.5.4. Anpario plc.
  - 15.5.5. Roquette Freres SA
  - 15.5.6. Bentoli, Inc.
  - 15.5.7. Royal Avebe U.A.
  - 15.5.8. Cra-Vac Industries Inc.
  - 15.5.9. Uniscope Inc.
  - 15.5.10. Elixir Bio Life Sciences

## 16. STRATEGIC RECOMMENDATIONS



## I would like to order

Product name: Feed Binders Market- Global Industry Size, Share, Trends, Opportunity, and Forecast, 2018-2028F Segmented By Type (Lignosulfonates, Plant Gums and Starches, Molasses, Clay, Others), By Livestock (Poultry, Ruminants, Swine, Aquatic Animals, Others), By Nature (Natural, Synthetic), By Region and Competition

Product link: <https://marketpublishers.com/r/FA5A45DFFD4FEN.html>

Price: US\$ 4,900.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/FA5A45DFFD4FEN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:  
Last name:  
Email:  
Company:  
Address:  
City:  
Zip code:  
Country:  
Tel:  
Fax:  
Your message:

**\*\*All fields are required**

Customer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below  
and fax the completed form to +44 20 7900 3970