

Genetically Modified Feed Market, Opportunity, Growth Drivers, Industry Trend Analysis and Forecast, 2024-2032

Market Report | 2024-08-23 | 295 pages | Global Market Insights

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Report description:

The global Genetically Modified Feed Market achieved USD 109.62 million in 2023 and will grow at 5.7% CAGR from 2024 to 2032, driven by the rising demand for animal protein and the increasing acceptance of GM products. As global consumption of meat, dairy, and eggs continues to rise, the need for efficient and cost-effective feed solutions becomes crucial. GM feeds enhance feed efficiency, improve nutritional content, and offer disease resistance, addressing both economic and health needs. Also, growing consumer and industry acceptance of GM technology supports the expansion of the GM feed market, contributing to its robust growth.

The genetically modified feed industry is classified on the basis of source, form, feed type, livestock, and region.

The crop segment will reach USD 179.87 million and exhibit a 5.7% CAGR by 2032. The dominance of genetically modified (GM) crops like corn and soybeans in the market is attributed to their advantageous traits, such as pest resistance, herbicide tolerance, and enhanced nutritional profiles. These traits make GM crops highly efficient and cost-effective for feed production. Soybeans and corn are preferred for their high protein and energy content, essential for animal growth. Their widespread cultivation and established supply chains reinforce their leading position, addressing the growing global need for sustainable and nutritious animal feed.

The pellets segment will grow to USD 69.85 million and achieve a 6.1% CAGR through 2032 due to their superior handling, storage, and nutritional delivery benefits. The pelleting process boosts feed efficiency by enhancing nutrient density and digestibility, which is essential for optimizing livestock growth and health. Pellets also minimize feed wastage and are less susceptible to contamination compared to other forms like mash or crumbles. Their uniform size and shape simplify transportation and support automated feeding systems, making them highly favored in large-scale farming operations.

North America genetically modified feed market will achieve a 5.2% CAGR and reach USD 77.22 million by 2032, owing to its advanced agricultural infrastructure, commitment to sustainability, and substantial investment in research and development. North America benefits from a well-established livestock industry and rising consumer demand for sustainably sourced proteins. The U.S. and Canada are at the forefront of alternative protein adoption, supported by favorable regulations and innovative protein production technologies. Besides, the presence of major industry players and collaborations between academic institutions

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and private companies boost market growth. This leadership is further supported by a robust supply chain and growing awareness of the environmental benefits of alternative proteins.

Table of Contents:

Report Content

Chapter 1 Methodology & Scope

1.1 Market scope & definition

1.2 Base estimates & calculations

1.3 Forecast calculation

1.4 Data sources

1.4.1 Primary

1.4.2 Data Mining sources

1.4.2.1 Paid sources

1.4.2.2 Public sources

Chapter 2 Executive Summary

2.1 Industry 360 synopsis

Chapter 3 Industry Insights

3.1 Industry ecosystem analysis

3.1.1 Value chain

3.1.2 Key manufacturers

3.1.3 Go to market routes

3.1.4 Key distributors

3.1.4.1 New distribution channels

3.1.5 Profit margins across the industry

3.2 Industry impact forces

3.2.1 Growth drivers

3.2.1.1 Strong growth in the animal feed industry

3.2.1.2 Constantly developing global food demand

3.2.1.3 Changing consumer preference toward meat-based products

3.2.2 Market challenges

3.2.2.1 Stringent government regulations focusing on the use of non-GMO crops in food processing

3.2.3 Market opportunities

3.2.3.1 New markets/applications

3.2.3.2 Growth potential analysis

3.3 Raw material landscape

3.3.1 Manufacturing trends

3.3.1.1 Technology evolution

3.3.1.2 Sustainable manufacturing

3.3.1.2.1 Green practices

3.3.1.2.2 Decarbonization

3.3.2 New raw materials

3.3.3 Raw material pricing trends (USD/Kilo Tons)

3.3.3.1 North America

3.3.3.2 Europe

3.3.3.3 Asia Pacific

3.3.3.4 Latin America

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3.3.3.5 MEA

3.4 Regulations & market impact

3.5 Porter's analysis

3.6 PESTEL analysis

Chapter 4 Competitive Landscape, 2023

4.1 Company market share analysis

4.2 Competitive positioning matrix

4.3 Strategic outlook matrix

Chapter 5 Market Size and Forecast, By Sources, 2021-2032 (USD Billion, Kilo Tons)

5.1 Key trends

5.2 Crops

5.2.1 Corn

5.2.2 Soybean

5.2.3 Cottonseed

5.2.4 Canola

5.2.5 Alfalfa

5.2.6 Others (Sugar cane molasses, Safflower, Wheat middings, sunflower meal)

5.3 Fruits & Vegetables

5.3.1 Papaya

5.3.2 Potatoes

5.3.3 Eggplant

5.3.4 Others (Squash, Tomatoes, Brinjal, Apples, Pineapple, Plum, Bananas, Strawberries)

Chapter 6 Market Size and Forecast, By Form, 2021-2032 (USD Billion, Kilo Tons)

6.1 Key trends

6.2 Pellets

6.3 Crumbles

6.4 Mash

6.5 Meal/Cake

Chapter 7 Market Size and Forecast, By Feed Type, 2021-2032 (USD Billion, Kilo Tons)

7.1 Key trends

7.2 Roughages

7.3 Concentrates

Chapter 8 Market Size and Forecast, By Livestock, 2021-2032 (USD Billion, Kilo Tons)

8.1 Key trends

8.2 Poultry

8.2.1 Broiler

8.2.2 Layer

8.2.3 Turkey

8.2.4 Others

8.3 Swine

8.3.1 Starter

8.3.2 Grower

8.3.3 Sow

8.4 Cattle

8.4.1 Dairy

8.4.2 Calf

8.4.3 Others

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8.5 Aquaculture

8.5.1 Salmon

8.5.2 Trout

8.5.3 Shrimp

8.5.4 Carp

8.5.5 Others

8.6 Pet food

8.6.1 Dogs

8.6.2 Cats

8.6.3 Birds

8.6.4 Fish

8.7 Equine

8.8 Others

Chapter 9 Market Size and Forecast, By Region, 2021-2032 (USD Billion, Kilo Tons)

9.1 Key trends

9.2 North America

9.2.1 U.S.

9.2.2 Canada

9.3 Europe

9.3.1 Germany

9.3.2 UK

9.3.3 France

9.3.4 Italy

9.3.5 Spain

9.3.6 Rest of Europe

9.4 Asia Pacific

9.4.1 China

9.4.2 India

9.4.3 Japan

9.4.4 South Korea

9.4.5 Australia

9.4.6 Rest of Asia Pacific

9.5 Latin America

9.5.1 Brazil

9.5.2 Mexico

9.5.3 Argentina

9.5.4 Rest of Latin America

9.6 MEA

9.6.1 Saudi Arabia

9.6.2 UAE

9.6.3 South Africa

9.6.4 Rest of MEA

Chapter 10 Company Profiles

10.1 BASF SE

10.2 Bayer AG

10.3 Syngenta Crop Protection AG

10.4 Corteva Agriscience

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- 10.5 Groupe Limagrain Holding
- 10.6 KWS SAAT SE & Co. KGaA
- 10.7 J.R. Simplot Company
- 10.8 Okanagan Specialty Fruits Inc.
- 10.9 Stine Seed Company
- 10.10 Anderson Exports
- 10.11 Tyson Foods

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