+357 96 030922
info@marketpublishers.com

Genetically Modified Feed Market Forecasts to 2030 – Global Analysis By Source (Crops, Fruits & Vegetables and Other Sources), Form (Pellets, Crumbles, Mash and Meal/Cake), Feed Type , Application and by Geography

https://marketpublishers.com/r/G349C162CF62EN.html
Date: January 2025
Pages: 150
Price: US$ 4,150.00 (Single User License)
ID: G349C162CF62EN

Abstracts

According to Stratistics MRC, the Global Genetically Modified Feed Market is accounted for $102.63 billion in 2024 and is expected to reach $158.65 billion by 2030 growing at a CAGR of 7.53% during the forecast period. Animal feed that has undergone genetic engineering to improve specific qualities, such as increased nutritional value, resistance to illnesses or pests, or tolerance to environmental stressors, is referred to as genetically modified (GM) feed, the main purposes of genetically modified feed in agriculture are to increase animal feed conversion rates, guarantee greater yields, and lessen the need for chemical pesticides.

According to the U.S. Department of Agriculture (USDA), more than 90% of U.S. corn, upland cotton, and soybeans are produced using genetically engineered (GE) varieties.

Market Dynamics:

Driver:

Rising demand for animal products

There is a growing demand for animal-based products like meat, dairy, and eggs as the world's population continues to grow, urbanize, and earn more money. The agricultural sector is under pressure to increase production efficiency as a result of this growing consumption trend. Farmers need dependable and affordable livestock feeding

solutions to meet this demand. With its increased nutritional value, faster growth rates, and improved disease resistance, genetically modified feed is essential in this situation and guarantees a steady supply of high-quality animal products. Additionally, the adoption of genetically modified feed is largely driven by the need to feed more animals with fewer resources.

Restraint:

Public attitudes and customer issues

Public opinion and consumer worries about the possible health and environmental hazards of genetically modified organisms remain a major barrier, even in the face of scientific agreement regarding their safety. The safety of GMOs, including GM feed, is widely questioned in many places, especially in Europe and some parts of Asia. As a result, environmental organizations have opposed GM products, and consumers have boycotted them. Furthermore, the opposition to genetically modified feed may restrict its use in markets where consumers seek non-GMO or organic certification, as consumer preferences continue to influence food production methods.

Opportunity:

Development of tailored gm feeds for specific livestock needs

The creation of genetically modified feed that is especially suited to the dietary requirements of various livestock species presents this opportunity. owing to developments in genetic engineering and biotechnology, feeds with optimal nutrient profiles can now be produced to meet the unique needs of pigs, cattle, poultry, and aquaculture species. Animals' growth rates, general health, and productivity can all be improved by creating genetically modified feed that contains more protein, particular amino acids, or higher concentrations of vital vitamins and minerals. Moreover, there will be more chances for businesses to create genetically modified feeds that address the particular requirements of various livestock species as the market for more specialized and effective feed expands.

Threat:

Competition from organic and non-gmo feeds

The growing consumer demand for organic and non-GMO products poses a significant

+357 96 030922
info@marketpublishers.com

threat to the GM feed market. There is a rising trend toward sustainable and natural farming practices, and many consumers prefer to purchase animal products derived from non-GMO feed due to concerns over health and the environment. Additionally, this preference is particularly strong in regions like Europe and North America, where organic certification standards are stringent, and consumer awareness regarding food sourcing is high. As the demand for organic and non-GMO foods increases, farmers and producers may shift toward non-GMO feed, further reducing the market share for GM feed.

Covid-19 Impact:

The COVID-19 pandemic had a significant impact on the market for genetically modified (GM) feed because it disrupted global supply chains, resulting in shortages of raw materials and production delays; manufacturing plant closures and transportation restrictions hindered the availability of GM feed ingredients, affecting feed production and delivery to farmers; and the pandemic-induced economic downturn reduced demand for animal products, which in turn reduced the need for GM feed. However, as countries gradually recovered, the market showed signs of resilience, with a focus on increasing agricultural productivity and improving food security, which sparked a renewed interest in efficient, high-yield GM feed solutions.

The yogurt segment is expected to be the largest during the forecast period

The market for genetically modified (GM) feed is expected to be dominated by the pellets segment. Because of their enhanced feed conversion efficiency, accurate nutritional content, and ease of handling, pellets are frequently chosen in animal feed. For operations involving livestock, poultry, and aquaculture, they offer a consistent and uniform feed form. In addition to being more affordable for large-scale farming operations, pellets are simpler to transport and store than other forms like mash or crumbles. Moreover, their ability to increase animal growth rates, minimize feed waste, and guarantee the best possible nutrient absorption is what makes them so popular.

The cheese segment is expected to have the highest CAGR during the forecast period

In the market for genetically modified (GM) feed, the concentrates segment is anticipated to grow at the highest CAGR. In order to give livestock a balanced diet, concentrates—high-nutrient feed ingredients that are usually high in proteins, vitamins, and minerals—are combined with roughages. Because concentrates can improve animal growth, productivity, and general health—especially in intensive farming systems—their demand is rising. Additionally, the concentrates segment is expanding at a faster rate than roughages due to the increased emphasis on increasing livestock productivity and satisfying the growing demand for animal-based products worldwide.

Region with largest share:

The market for genetically modified (GM) feed is expected to be dominated by the North American region. The extensive use of genetically modified crops and other advanced agricultural techniques, especially in the US and Canada, is what has led to the region's dominance. The region's increased use of genetically modified feed is also a result of the need to address issues of food security and the growing demand for high-efficiency livestock farming. Furthermore, North America's position in the market is further reinforced by the extensive production of GM crops, such as corn and soybeans, which are essential ingredients in GM feed.

Region with highest CAGR:

The market for genetically modified (GM) feed is anticipated to grow at the highest CAGR in the Asia Pacific region. Increased meat consumption, population growth, and urbanization—especially in China, India, and Southeast Asian countries—are driving the region's livestock production to grow quickly. In order to maximize animal health, increase agricultural productivity, and guarantee food security, these nations are progressively implementing genetically modified feed. Moreover, the region's adoption of GM feed is being aided by increased knowledge of its advantages, which include higher feed conversion ratios and cost-effectiveness.

Key players in the market

Some of the key players in Genetically Modified Feed market include Bayer AG, Dow Chemical Company, Archer Daniels Midland Company, Tyson Foods, Syngenta Group, Corteva Agriscience, J.R. Simplot Company, Okanagan Specialty Fruits Inc., DuPont de Nemours, Inc., BASF SE, Ingredion Incorporated, Novozymes Inc, Phibro Animal Health Corporation, Kent Corporation and Evonik Industries AG.

Key Developments:

In July 2024, Tyson Foods, Inc. has entered into an agreement to sell its Vienna, Georgia poultry complex to House of Raeford Farms. Tyson Foods’ decision to sell the complex is part of its continued efforts to optimize its plant network, and the company

+357 96 030922
info@marketpublishers.com

will continue to service customer orders from other production locations.

In May 2024, Dow and Freepoint Eco-Systems Supply & Trading LLC announced an agreement for an estimated 65,000 metric tons per year of certified-circular, plastic waste-derived pyrolysis oil to produce new, virgin-grade equivalent plastics in Dow's U.S. Gulf Coast operations. Dow and Freepoint Eco-Systems are building a recycling system that converts plastic waste into valuable materials and fosters a circular economy for plastics in North America.

In April 2024, Bayer AG has signed a long-term supply agreement for electricity from renewable energy sources with Wuppertaler Stadtwerke (WSW), the public utility company of Wuppertal in North Rhein-Westphalia, Germany. The contract underlines Bayer's global commitment to sustainability.

Sources Covered:

- Crops
- Fruits & Vegetables
- Other Sources

Forms Covered:

- Pellets
- Crumbles
- Mash
- Meal/Cake

Feed Types Covered:

- Roughages
- Concentrates

+357 96 030922
info@marketpublishers.com

Applications Covered:

- Poultry
- Swine
- Cattle
- Aquaculture
- Pet food
- Equine
- Other Applications

Regions Covered:

- North America
    - US
    - Canada
    - Mexico
- Europe
    - Germany
    - UK
    - Italy
    - France

Spain

Rest of Europe

Asia Pacific

Japan

China

India

Australia

New Zealand

South Korea

Rest of Asia Pacific

South America

Argentina

Brazil

Chile

Rest of South America

Middle East & Africa

Saudi Arabia

UAE

Qatar

South Africa

+357 96 030922
info@marketpublishers.com

Rest of Middle East & Africa

What our report offers:

- Market share assessments for the regional and country-level segments
- Strategic recommendations for the new entrants
- Covers Market data for the years 2022, 2023, 2024, 2026, and 2030
- Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges, Investment Opportunities, and recommendations)
- Strategic recommendations in key business segments based on the market estimations
- Competitive landscaping mapping the key common trends
- Company profiling with detailed strategies, financials, and recent developments
- Supply chain trends mapping the latest technological advancements

Free Customization Offerings:

All the customers of this report will be entitled to receive one of the following free customization options:

Company Profiling

Comprehensive profiling of additional market players (up to 3)

SWOT Analysis of key players (up to 3)

Regional Segmentation

Market estimations, Forecasts and CAGR of any prominent country as per the client's interest (Note: Depends on feasibility check)

Competitive Benchmarking

Benchmarking of key players based on product portfolio, geographical presence, and strategic alliances

+357 96 030922
info@marketpublishers.com

Contents

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

List Of Tables

LIST OF TABLES

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

Note: Tables for North America, Europe, APAC, South America, and Middle East & Africa Regions are also represented in the same manner as above.

+357 96 030922
info@marketpublishers.com

I would like to order

Product name: Genetically Modified Feed Market Forecasts to 2030 – Global Analysis By Source (Crops, Fruits & Vegetables and Other Sources), Form (Pellets, Crumbles, Mash and Meal/Cake), Feed Type , Application and by Geography

Product link: https://marketpublishers.com/r/G349C162CF62EN.html

Price: US$ 4,150.00 (Single User License / Electronic Delivery)

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

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page https://marketpublishers.com/r/G349C162CF62EN.html