

Grain Farming Market Forecasts to 2030 – Global Analysis by Type (Cereals, Pulses and Oilseeds), Input Type (Fertilizers, Pesticides and Seeds), Farm Size, Farming Technique, Distribution Channel, Application and By Geography

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Abstracts

According to Statistics MRC, the Global Grain Farming Market is accounted for \$1.37 billion in 2024 and is expected to reach \$2.44 billion by 2030 growing at a CAGR of 10.13% during the forecast period. Grain farming is an agricultural method that focuses on growing cereal crops such as wheat, rice, corn, barley, oats, and millet, which are staple foods across the world. Large-scale farms cultivate these crops, frequently in areas with climatic conditions that are conducive to their growth, such as fertile soil and moderate rainfall. In order to increase productivity and efficiency, grain farming is typified by mechanical procedures for planting, fertilizing, harvesting, and storing. It is essential to the production of animal feed, food security, and raw materials for sectors like brewing and biofuels.

Market Dynamics:

Driver:

Expanding Livestock Farming

Expanding livestock farming has a substantial impact on the grain farming industry by boosting demand for grains used as animal feed, such as maize, barley, and soybean. Large amounts of feed are needed to support livestock due to the world's increasing consumption of meat, dairy, and poultry products. Grain output is increased by this need, which encourages farmers to grow additional feed grains. Furthermore, the need

for reliable and high-yield grain farming techniques to satisfy the demands of the livestock sector is further increased by the growth of industrialized animal husbandry and feedlot operations.

Restraint:

Climate Change and Weather Variability

The market for grain farming is severely hampered by climate change and weather variability, which result in erratic weather patterns such as droughts, floods, and temperature extremes. These elements raise the possibility of crop failures, lower grain quality, and have a detrimental effect on crop yields. While production disruptions can result in supply shortages, higher pricing, and decreased profitability in the grain farming industry, farmers may also have to pay more for pest management and irrigation, thus it limits growth of the market.

Opportunity:

Growing Demand for Biofuels

The expanding need for biofuels benefits the grain farming industry by raising the demand for crops such as maize, sugarcane, and sorghum, which are used as key feedstocks for bioethanol production. Farmers are encouraged to increase cultivation, use cutting-edge agricultural methods, and invest in high-yield crop types by this demand. Government initiatives supporting renewable energy also support the development of biofuel, giving grain producers a stable market. This tendency boosts profitability, encourages agricultural expansion, and broadens the uses of grain crops across the world.

Threat:

Pest and Disease Outbreaks

Pest and disease outbreaks have a huge impact on the grain agricultural industry by causing crop damage, lowering yields, and raising production costs. Farmers' resources are strained as a result of these outbreaks, which necessitate the use of costly pesticides and disease control techniques. They may also result in diminished market supply and long-term degradation of soil health, which might ultimately impact food security, drive up prices, and impede trade in the world grain market.

Covid-19 Impact:

The COVID-19 pandemic disrupted the Grain Farming Market through labor shortages, supply chain disruptions, and transportation challenges, leading to delays in planting, harvesting, and distribution. Additionally, fluctuating demand and market uncertainties impacted prices. However, the crisis highlighted the importance of food security, leading to increased government support for agricultural sectors. In some cases, the pandemic accelerated the adoption of digital farming technologies to maintain operations efficiently.

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

The fertilizers segment segment is expected to account for the largest market share during the forecast period as they restore vital soil minerals like potassium, phosphorus, and nitrogen, encouraging robust plant development and increased yield. This is essential to satisfy the rising demand for grains as industrial raw materials, animal feed, and staple meals worldwide. Sustainable agricultural methods are supported and long-term market growth is ensured by advanced fertilizers, such as slow-release and biofertilizers, which increase nutrient efficiency and lessen environmental impact.

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

Over the forecast period, the precision farming segment is predicted to witness the highest growth rate because farmers can reduce waste and expenses by monitoring soil health, optimizing irrigation, and applying fertilizers and pesticides more precisely by utilizing technology like GPS, sensors, and data analytics. This increases overall production, reduces environmental impact, and optimizes resource usage. Precision farming is a major market driver because it enhances profitability, promotes sustainable growth, and satisfies the growing demand for grains worldwide through improved decision-making.

Region with largest share:

During the forecast period, the North America region is expected to hold the largest market share because the area supports large-scale grain production due to its extensive agricultural acreage and excellent climate. The industry is expanding due to the high demand for grains in the food and biofuel industries. Farming operations are

further encouraged by agricultural policy and government subsidies. Furthermore, the growth of international commerce creates new export prospects, especially for wheat, corn, and barley, strengthening North America's place in the world grain market.

Region with highest CAGR:

Over the forecast period, the Asia Pacific region is anticipated to exhibit the highest CAGR owing to growing population and increasing urbanization, leading to higher demand for staple crops like rice, wheat, and corn. Technological advancements, such as precision farming and genetically modified seeds, are improving yields and efficiency. Government support through subsidies and initiatives to boost food security further encourages growth. The expanding middle class also drives demand for animal feed, creating additional market opportunities for grain production in the region.

Key players in the market

Some of the key players in Grain Farming market include AGT Food and Ingredients Inc., Archer Daniels Midland (ADM), Associated British Foods Plc, BASF SE, Bunge Limited, Cargill Inc., CF Industries Holdings, Inc., CHS Inc., DuPont, General Mills Inc., Kellogg Company, Louis Dreyfus Company (LDC), Monsanto Company, Nutrien Ltd., Olam International, Syngenta AG, The Andersons Inc. and Wilmar International Limited.

Key Developments:

In September 2024, General Mills, Inc. announced that it has entered into definitive agreements to sell its North American Yogurt business to Lactalis and Sodial, two leading French dairy companies, in cash transactions valued at an aggregate \$2.1 billion USD.

In April 2024, General Mills announced it has completed the acquisition of Edgard & Cooper, one of Europe's leading independent premium pet food brands.

In April 2024, General Mills has joined TOMORROW X TOGETHER, also known as TXT, in a harmonious partnership to bring the refreshing energy of Gen Z's most iconic band to breakfast table.

Types Covered:

Cereals

Pulses

Oilseeds

Input Types Covered:

Fertilizers

Pesticides

Seeds

Farm Sizes Covered:

Large-Scale Farms

Medium-Scale Farms

Small-Scale Farms

Farming Techniques Covered:

Conventional Farming

Organic Farming

Precision Farming

Hydroponic Farming

Aquaponics

Distribution Channels Covered:

Direct Sales to Wholesalers and Retailers

Cooperatives

Online Platforms

Applications Covered:

Food & Beverages

Biofuels

Industrial Use

Seed Production

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

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

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