

# **Seeds Market Size, Share, Trends, Analysis, and Forecast 2025-2034 | Global Industry Growth, Competitive Landscape, Opportunities, and Challenges**

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## **Abstracts**

Global Seeds Market is valued at USD 60.8 billion in 2025. Further, the market is expected to grow at a CAGR of 6.7% to reach USD 109.2 billion by 2034.

The global seeds market is a vital component of the agricultural industry, encompassing a wide range of seeds used for the production of crops such as cereals, vegetables, fruits, and oilseeds. Seeds are the foundation of agriculture, serving as the starting point for crop production and determining the overall yield and quality of harvests. The market is influenced by several factors, including technological advancements in seed genetics, increased focus on food security, and the growing demand for high-yield, disease-resistant crops. Seed production and processing technologies have significantly advanced in recent years, enabling the development of genetically modified (GM) seeds and hybrid varieties that offer improved resistance to pests, diseases, and environmental stresses. The increasing population, changing dietary patterns, and growing demand for sustainable farming practices are fueling the need for higher crop productivity, further boosting the seeds market. Additionally, as agriculture becomes more industrialized, the market is seeing the rise of precision farming techniques that optimize seed selection, planting, and management, resulting in higher yields and resource efficiency.

In 2024, the seeds market continued its expansion with key developments focused on sustainability and technology. The demand for genetically modified (GM) seeds remained strong, particularly in regions like North America and Latin America, where crops such as corn, soybeans, and cotton are extensively cultivated. Innovations in

seed treatment technologies and the growing popularity of hybrid seeds led to better seed germination rates and increased yields, addressing the challenges posed by climate change and unpredictable weather patterns. The market saw an increasing shift toward organic and non-GMO seeds, driven by consumer demand for healthier, chemical-free produce. This trend was particularly prevalent in Europe and North America, where organic farming practices gained momentum. Additionally, precision agriculture gained traction, with farmers increasingly adopting data-driven solutions to optimize seed selection and planting, improving crop management and reducing resource waste. The development of seeds that can withstand extreme weather conditions, such as drought-resistant varieties, further supported market growth, especially in regions facing water scarcity. Moreover, the regulatory environment around GM crops became stricter in some countries, which influenced seed production and distribution, particularly in developing regions.

Looking to 2025 and beyond, the seeds market is expected to see continued growth driven by advancements in biotechnology, sustainability, and precision agriculture. As the global population increases, the demand for higher food production will intensify, further driving the need for improved seeds with higher yields and better resilience to environmental stresses. The continued development of drought-tolerant, pest-resistant, and high-nutrient crops will play a critical role in ensuring food security and addressing the challenges of climate change. Furthermore, sustainable farming practices are expected to be at the forefront of seed production, with increasing adoption of organic seeds and environmentally friendly farming methods. Innovations in seed coating, genetic modification, and seed treatment technologies will enable farmers to enhance crop quality and reduce the need for chemical inputs. The seeds market will likely benefit from greater adoption of precision agriculture, which will allow farmers to optimize seed usage and increase efficiency through data-driven decision-making. In addition, regulatory frameworks will continue to evolve, requiring seed producers to comply with stringent environmental and safety standards, which may drive further innovation in seed technology and sustainable farming practices.

## Trends

Growing demand for genetically modified (GM) and hybrid seeds with enhanced resistance to pests, diseases, and environmental stress.

Increased adoption of organic and non-GMO seeds in response to consumer demand for healthier, chemical-free food products.

Advancements in seed treatment technologies, improving seed germination rates and enhancing overall crop yields.

Rising use of precision agriculture and data-driven farming solutions to optimize seed management and resource use.

Development of drought-resistant and climate-resilient seeds to address challenges posed by changing weather patterns and water scarcity.

### Drivers

The growing global population and rising food demand are driving the need for higher crop yields and more resilient seeds.

Technological advancements in biotechnology and genetic engineering, enabling the development of high-performance, disease-resistant seed varieties.

The increasing emphasis on sustainability and eco-friendly farming practices, encouraging the adoption of organic and non-GMO seed solutions.

Rising awareness of climate change and the need for drought-resistant, pest-resistant, and resilient crops to combat environmental challenges.

### Challenge

One of the key challenges facing the seeds market is the regulatory hurdles surrounding the development and commercialization of genetically modified crops, which vary by region and can delay market growth.

### Market Segmentation

#### By Type

Genetically Modified

Conventional

#### By Seed Treatment

Treated

Non-Treated

By Crop Type

Cereals And Grains

Fruits And Vegetables

Oilseeds And Pulses

Other Crop Types

By Traits

Herbicide-Tolerant

Insecticide-Resistant

Other Traits

By Geography

North America (USA, Canada, Mexico)

Europe (Germany, UK, France, Spain, Italy, Rest of Europe)

Asia-Pacific (China, India, Japan, Australia, Vietnam, Rest of APAC)

The Middle East and Africa (Middle East, Africa)

South and Central America (Brazil, Argentina, Rest of SCA)

What You Receive

Global Seeds market size and growth projections (CAGR), 2024- 2034

Impact of recent changes in geopolitical, economic, and trade policies on the

demand and supply chain of Seeds.

Seeds market size, share, and outlook across 5 regions and 27 countries, 2025-2034.

Seeds market size, CAGR, and Market Share of key products, applications, and end-user verticals, 2025- 2034.

Short and long-term Seeds market trends, drivers, restraints, and opportunities.

Porter's Five Forces analysis, Technological developments in the Seeds market, Seeds supply chain analysis.

Seeds trade analysis, Seeds market price analysis, Seeds Value Chain Analysis.

Profiles of 5 leading companies in the industry- overview, key strategies, financials, and products.

Latest Seeds market news and developments.

The Seeds Market international scenario is well established in the report with separate chapters on North America Seeds Market, Europe Seeds Market, Asia-Pacific Seeds Market, Middle East and Africa Seeds Market, and South and Central America Seeds Markets. These sections further fragment the regional Seeds market by type, application, end-user, and country.

Who can benefit from this research

The research would help top management/strategy formulators/business/product development/sales managers and investors in this market in the following ways

1. The report provides 2024 Seeds market sales data at the global, regional, and key country levels with a detailed outlook to 2034, allowing companies to calculate their market share and analyze prospects, uncover new markets, and plan market entry strategy.
2. The research includes the Seeds market split into different types and applications.

This segmentation helps managers plan their products and budgets based on the future growth rates of each segment

3. The Seeds market study helps stakeholders understand the breadth and stance of the market giving them information on key drivers, restraints, challenges, and growth opportunities of the market and mitigating risks

4. This report would help top management understand competition better with a detailed SWOT analysis and key strategies of their competitors, and plan their position in the business

5. The study assists investors in analyzing Seeds business prospects by region, key countries, and top companies' information to channel their investments.

#### Available Customizations

The standard syndicate report is designed to serve the common interests of Seeds Market players across the value chain and include selective data and analysis from entire research findings as per the scope and price of the publication.

However, to precisely match the specific research requirements of individual clients, we offer several customization options to include the data and analysis of interest in the final deliverable.

Some of the customization requests are as mentioned below –

Segmentation of choice – Our clients can seek customization to modify/add a market division for types/applications/end-uses/processes of their choice.

Seeds Pricing and Margins Across the Supply Chain, Seeds Price Analysis / International Trade Data / Import-Export Analysis

Supply Chain Analysis, Supply–Demand Gap Analysis, PESTLE Analysis, Macro-Economic Analysis, and other Seeds market analytics

Processing and manufacturing requirements, Patent Analysis, Technology Trends, and Product Innovations

Further, the client can seek customization to break down geographies as per their

requirements for specific countries/country groups such as South East Asia, Central Asia, Emerging and Developing Asia, Western Europe, Eastern Europe, Benelux, Emerging and Developing Europe, Nordic countries, North Africa, Sub-Saharan Africa, Caribbean, The Middle East and North Africa (MENA), Gulf Cooperation Council (GCC) or any other.

Capital Requirements, Income Projections, Profit Forecasts, and other parameters to prepare a detailed project report to present to Banks/Investment Agencies.

Customization of up to 10% of the content can be done without any additional charges.

Note: Latest developments will be updated in the report and delivered within 2 to 3 working days.

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