

Agricultural Biotechnology Market Report: Trends, Forecast and Competitive Analysis

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Abstracts

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The future of the global agricultural biotechnology market looks promising with opportunities in herbicide tolerance, stacked traits, and insect tolerance applications. The global agricultural biotechnology market is expected to grow with a CAGR of 10%-12% from 2020 to 2025. The major drivers for this market are increasing population and per capita income, rising demand for new breeding techniques, and increase in adoption of genetically modified crops.

A total of XX figures / charts and XX tables are provided in this more than 150-page report to help in your business decisions. Sample figures with some insights are shown below. To learn the scope, benefits, companies researched, and other details of the global agricultural biotechnology market report, please download the report brochure.

The study includes trends and forecast for the global agricultural biotechnology market by organism, crop type, crop protection product, technology, technique, application, and region as follows:

By Organism [Value (\$ Million) shipment analysis for 2014 – 2025]:

PlantsAnimalsMicrobes

By Crop Type [Value (\$ Million) shipment analysis for 2014 – 2025]:

SoybeanMaizeCottonOthers

By Crop Protection Product [Value (\$ Million) shipment analysis for 2014 – 2025]:

Biopesticides Biostimulants

By Technology [Value (\$ Million) shipment analysis for 2014 – 2025]:

Biochips Ribonucleic Acid Interference (RNAi) Genome Editing Tools Synthetic Biology Deoxy Ribonucleic Acid (DNA) Sequencing

By Technique [Value (\$ Million) shipment analysis for 2014 – 2025]:

Genetic Engineering Molecular Breeding Molecular Diagnostics Tissue Culture

By Application [Value (\$ Million) shipment analysis for 2014 – 2025]:

Herbicide Tolerance Stacked Traits Insect Tolerance Others

By Region [Value (\$ Million) shipment analysis for 2014 – 2025]:

North America United States Canada Mexico Europe United Kingdom Germany France Asia Pacific China India Japan The Rest of the World Brazil

Some of the agricultural biotechnology companies profiled in this report include Arcadia Biosciences., Thermo Fisher Scientific, Bayer, Biocentury Transgene, Vilmorin & Cie, Eurofins Scientific, LGC Biosearch Technologies, Corteva Agriscience, Dr. Chip Biotech, and Evogene.

Lucintel forecasts that soybean will remain the largest crop type segment over the forecast period due to rising demand for export and import of transgenic soybean worldwide.

North America will remain the largest region over the forecast period due to the presence of a wide range of agro-climatic zones and crops and increasing demand for genetically modified crops in the region.

Features of the Global Agricultural Biotechnology Market

Market Size Estimates: Global agricultural biotechnology market size estimation in

terms of value (\$M) shipment. Trend and Forecast Analysis: Market trends (2014-2019) and forecast (2020-2025) by various segments. Segmentation Analysis: Global agricultural biotechnology market size by various segments, such as organism, crop type, technology, technique, and application, in terms of value. Regional Analysis: Global agricultural biotechnology market breakdown by North America, Europe, Asia Pacific, and Rest of the World. Growth Opportunities: Analysis of growth opportunities in different organisms, crop types, technologies, techniques, applications, and regions for the global agricultural biotechnology market. Strategic Analysis: This includes M&A, new product development, and competitive landscape of the global agricultural biotechnology market. Analysis of competitive intensity of the industry based on Porter's Five Forces model.

This report answers following key questions

Q.1 What are some of the most promising potential, high-growth opportunities for the global agricultural biotechnology market by organism (plants, animals, and microbes), crop type (soybean, maize, cotton, and others), crop protection product (biopesticides and biostimulants), technology (biochips, ribonucleic acid interference (RNAi), genome editing tools, synthetic biology, and deoxy ribonucleic acid (DNA) sequencing), technique (genetic engineering, molecular breeding, molecular diagnostics and, tissue culture), application (herbicide tolerance, stacked traits, insect tolerance, and others), and region (North America, Europe, Asia Pacific, and Rest of the World)?

Q.2 Which segments will grow at a faster pace and why?

Q.3 Which region will grow at a faster pace and why?

Q.4 What are the key factors affecting market dynamics? What are the drivers and challenges of the global agricultural biotechnology market?

Q.5 What are the business risks and threats to the global agricultural biotechnology market?

Q.6 What are the emerging trends in this agricultural biotechnology market and the reasons behind them?

Q.7 What are some changing demands of customers in this agricultural biotechnology market?

Q.8 What are the new developments in this agricultural biotechnology market? Which companies are leading these developments?

Q.9 Who are the major players in this agricultural biotechnology market? What strategic initiatives are being implemented by key players for business growth?

Q.10 What are some of the competitive products and processes in this agricultural biotechnology market, and how big of a threat do they pose for loss of market share via material or product substitution?

Q.11 What M&A activities did take place in the last five years in the global agricultural biotechnology market?

Report Scope

Key Features Description

Base Year for Estimation 2019

Trend Period

(Actual Estimates) 2014-2019

Forecast Period 2020-2025

Pages More than 150

Market Representation / Units Revenue in US \$ Million

Report Coverage Market Trends & Forecasts, Competitor Analysis, New Product Development, Company Expansion, Merger, Acquisitions & Joint Venture, and Company Profiling

Market Segments Organism (Plants, Animals, and Microbes), Crop Type (Soybean, Maize, Cotton, and Others), Crop Protection Products (Biopesticides and Biostimulants), Technology (Biochips, Ribonucleic Acid Interference (RNAi), Genome Editing Tools, Synthetic Biology, and Deoxy Ribonucleic Acid (DNA) Sequencing), Technique (Genetic Engineering, Molecular Breeding, Molecular Diagnostics and, Tissue Culture), and Application (Herbicide Tolerance, Stacked Traits, Insect Tolerance, and Others)

Regional Scope North America (USA, Mexico, and Canada), Europe (UK, Germany, and France), Asia (China, India, and Japan), and ROW (Brazil)

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