

## **Agricultural Biotechnology: Emerging Technologies and Global Markets**

Market Research Report | 2023-10-23 | 163 pages | BCC Research

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### **Report description:**

Description

Report Scope:

The report provided an updated review of the global agricultural biotechnology market, focusing on its product types and end uses. Definitive and detailed assessments and forecasts of the worldwide agricultural biotechnology market are provided, followed by a detailed analysis of regions, countries, and key market players.

The global agricultural biotechnology market by product type is segmented into biotech seeds, biologicals, and biotechnology tools. The market is segmented by end use into plants, animals, and microbes.

The market size and estimations are provided in terms of value (\$ Millions); 2022 serves as a base year, and the market forecast is provided from 2023 to 2028. Regional-level market sizes for product type and end-use segments are also provided.

The report also discusses the major players across each regional agricultural biotechnology market. In addition, it explains the global agricultural biotechnology market's primary drivers, regional dynamics, and current trends across the industry. The report concludes with a detailed focus on the vendor landscape and includes complete company profiles of the major players in the market.

Report Includes:

- 28 data tables and 38 additional tables
- An overview of the global market landscape related to the agricultural biotechnology
- In-depth analysis of global market trends, featuring historical revenue data for 2022, estimated figures for 2023, as well as

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forecasts for 2028. This analysis includes projections of Compound Annual Growth Rates (CAGRs) spanning through 2028

- Evaluation of the current market size and revenue growth prospects specific to research antibodies, accompanied by a comprehensive market share analysis categorized by type, end-user, and geographical region
- Discussion on the factors affecting the companies' market shares, the current strategies of agricultural biotechnology companies, the effect of research funding, and the third-party quality evaluation systems of agricultural biotechnology
- Description of emerging technologies, advantages and risks associated with agricultural biotechnology and identification of market drivers, restraints and other forces impacting the global market
- Evaluations of the roles that key agricultural biotechnology tools will play in the marketplace, such as next-generation DNA sequencing, biochips, RNA interference, and synthetic biology tools and genome editing tools,
- Coverage of new discoveries in agricultural sciences, rapid technological developments in the industry, FDA and international regulations, details of recent regulatory reforms and insights into government initiatives and fundings
- Examination of environmental, social, and corporate governance (ESG) developments, a relevant patent analysis; and merger and acquisitions (M&A), venture fundings, and emerging technologies in the global agricultural biotechnology
- Detailed profiles of leading market participants, providing a descriptive overview of their respective businesses, including BASF SE, Corteva Inc., Thermo Fisher Scientific Inc., Valent BioSciences, AgBiome Inc., and Syngenta AG

## Executive Summary

### Summary:

The global agricultural biotechnology market was valued at \$REDACTED billion in 2022 and is expected to reach \$REDACTED billion by 2028. The REDACTED region's market accounted for the major share of global agricultural biotechnology market. The Asia-Pacific market is projected to grow with the fastest CAGR, of REDACTED%, during the forecast period.

The global agricultural biotechnology market by product type is segmented into biotech seeds, biologicals biotechnology tools, and others. In 2022, the REDACTED segment held the REDACTED agricultural biotechnology market share. The biotechnology tools segment is expected to grow with the fastest growth rate, of REDACTED%, during the forecast period.

In terms of end use, the global agricultural biotechnology market is segmented into plants, animals and microbes. In 2022, the REDACTED segment held the most significant share of the global agricultural biotechnology market. The REDACTED segment is projected to grow at the fastest growth rate, of REDACTED%, during the forecast period.

The agricultural biotechnology market is expected to expand significantly in the coming years. This is due to the increasing demand for food, the need for sustainable agriculture and the development of new technologies. Agricultural biotechnology can help to improve the nutritional content of crops by developing crops that are enriched with vitamins, minerals and other nutrients. There is a growing acceptance of agricultural biotechnology in many parts of the world. This is due to the increasing awareness of the potential benefits of this technology, namely, increased crop yields and improved nutritional content.

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