

# **North America Agricultural Biotechnology Market 2021-2030 by Product (Biotech Seeds, Biologicals, Biotechnology Tools), Technology (Genome Editing, Synthetic Biology, Genetic Engineering, Marker-assisted Breeding, Plant Breeding, Germplasm), Application (Foliar Spray, Seed Treatment, Soil Treatment), and Country: Trend Forecast and Growth Opportunity**

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## **Abstracts**

North America agricultural biotechnology market is projected to grow by 8.1% annually in the forecast period and reach \$44,747.2 million by 2030, driven by the rising population, the burgeoning demand for food, and the rising adoption of enhanced technologies for crop cultivation.

Highlighted with 48 tables and 53 figures, this 137-page report “North America Agricultural Biotechnology Market 2021-2030 by Product (Biotech Seeds, Biologicals, Biotechnology Tools), Technology (Genome Editing, Synthetic Biology, Genetic Engineering, Marker-assisted Breeding, Plant Breeding, Germplasm), Application (Foliar Spray, Seed Treatment, Soil Treatment), and Country: Trend Forecast and Growth Opportunity” is based on a comprehensive research of the entire North America agricultural biotechnology market and all its sub-segments through extensively detailed classifications. Profound analysis and assessment are generated from premium primary and secondary information sources with inputs derived from industry professionals across the value chain. The report is based on studies on 2019-2021 and provides forecast from 2022 till 2030 with 2021 as the base year. (Please note: The report will be updated before delivery so that the latest historical year is the base year and the

forecast covers at least 5 years over the base year.)

In-depth qualitative analyses include identification and investigation of the following aspects:

Market Structure

Growth Drivers

Restraints and Challenges

Emerging Product Trends & Market Opportunities

Porter's Fiver Forces

The trend and outlook of North America market is forecast in optimistic, balanced, and conservative view by taking into account of COVID-19 and Russia-Ukraine conflict. The balanced (most likely) projection is used to quantify North America agricultural biotechnology market in every aspect of the classification from perspectives of Product, Technology, Application, and Country.

Based on Product, the North America market is segmented into the following sub-markets with annual revenue (\$ mn) for 2019-2030 included in each section.

#### Biotech Seeds

by Breeding Type (Transgenic Seeds, Gene-edited Seeds, RNAi-based Seeds)

by Trait Type (Stacked Traits, Herbicide-tolerant Traits, Insect-resistant Traits, Desirable Traits and Virus-resistant Traits)

by Crop Type (Soybean, Maize, Cotton, Canola, Alfalfa, Sugar beet, Papaya, Potato, Squash and Other Crops)

#### Biologicals

by Segment (Biopesticides, Biostimulants, Biofertilizers, and Genetic

Biologicals)

Biotechnology Tools

DNA Sequencing

Biochips

Gene Editing

Synthetic Biology

RNA Interference

Synthetic Biology-enabled Products

Polymers

Biofuels

Enzymes

Oils & Lubricants

Other Renewables

Based on Technology, the North America market is segmented into the following sub-markets with annual revenue (\$ mn) for 2019-2030 included in each section.

Genome Editing

Synthetic Biology

Genetic Engineering

Marker-assisted Breeding

Plant Breeding

Germplasm

Other Technologies

By Application, the North America market is segmented into the following sub-markets with annual revenue (\$ mn) for 2019-2030 included in each section.

Foliar Spray

Seed Treatment

Soil Treatment

Other Applications

Geographically, the following national/local markets are fully investigated:

U.S.

Canada

Mexico

For each key country, detailed analysis and data for annual revenue (\$ mn) are available for 2019-2030. The breakdown of national markets by Product, Technology, and Application over the forecast years are also included.

The report also covers current competitive scenario and the predicted trend; and profiles key vendors including market leaders and important emerging players.

Selected Key Players:

ADAMA Agricultural Solutions Ltd.

BASF SE

Bayer AG

Benson Hill Inc.

Certis USA LLC

Corteva, Inc.

DuPont de Nemours, Inc.

Eurofins Scientific SE

Evogene Ltd.

Isagro SPA

KWS SAAT SE & Co. KGaA

Marrone Bio Innovations, Inc.

Novozymes A/S

Performance Plants Inc.

Syngenta AG

Vilmorin & Cie S.A

Yield10 Bioscience, Inc.

(Please note: The report will be updated before delivery so that the latest historical year is the base year and the forecast covers at least 5 years over the base year.)

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