

# **Agricultural Enzymes Market by Type (Phosphatases, Dehydrogenases, Sulfatases), Product Type (Fertility Products, Growth Enhancing Products), Crop Type (Cereals & Grains, Oilseeds & Pulses, Turf & Ornamentals), and Region - Global Forecast to 2022**

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## **Abstracts**

“Agricultural Enzymes Market is projected to grow at a CAGR of 11.2% in terms of value.”

The agricultural enzymes market is estimated to be valued at USD 279.2 million in 2017, and is projected to reach USD 474.7 million by 2022, at a CAGR of 11.2% from 2017 to 2022. The demand for agricultural enzymes is projected to grow due to the increasing demand for agricultural biological products. Fertility products accounted for a larger share when compared to the growth enhancing products segment in 2016. Stringent international rules and regulations related to biological products is one of the major restraints for the market.

“Cereals & grains segment is projected to be the fastest-growing segment in the agricultural enzymes market.”

The introduction of agricultural enzymes is used for various agricultural applications such as cereals & grains, oilseeds & pulses, fruits & vegetables, and turf & ornamentals. The cereals & grains segment is estimated to account for the largest share in 2017. As cereals are grown in almost all countries, the global demand for agricultural enzymes is expected to increase.

“Europe is projected to be the fastest-growing region in the agricultural enzymes market.”

The European region is projected to be the fastest-growing market for agricultural enzymes. In Europe, agriculture and green biotechnology consist of a range of modern plant breeding techniques to enhance their nutrient uptake. Enzymes and micro-organisms are used to make bio-based products for agriculture with the help of biotechnology.

Break-up of primaries:

By Company Type: Tier 1 – 25 %, Tier 2 – 45%, and Tier 3 – 30%

By Designation: C level – 22%, Director level – 28%, and Others – 50%

By Region: North America - 25%, Europe – 23%, Asia-Pacific – 35%, South America - 10%, and RoW – 07%

The agricultural enzymes market is dominated by key players such as Novozymes A/S (Novozymes BioAg) (Denmark), Syngenta AG (Switzerland), E. I. du Pont de Nemours and Company (U.S.), Koninklijke DSM N.V. (Netherlands), BASF SE (Germany), and Bayer AG (Germany). Other players include Agrinos AS (Norway), Stoller USA, Inc. (U.S.), BioWorks, Inc. (U.S.), AgriLife (India), and Monsanto (U.S.).

Research Coverage:

The report analyzes the agricultural enzymes market across different industry verticals and regions. It aims at estimating the market size and future growth potential of this market across different segments such as type, crop type, product type, and region. Furthermore, the report also includes an in-depth competitive analysis of the key players in the market along with their company profiles, SWOT analyses, recent developments, and key market strategies.

Key Benefits of Buying the Report:

The report will help the market leaders/new entrants in this market by providing them the closest approximations of the revenue numbers for the overall agricultural enzymes market and submarkets. This report will help stakeholders to better understand the competitive landscape and gain more insights to better position their businesses and make suitable go-to-market strategies. The report also helps the stakeholders to

understand the market and provides them information on key market drivers, restraints, challenges, and opportunities.

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## About

The report "Agricultural Enzymes Market by Type (Carbohydrase, Lipase, Protease, Polymerase & Nuclease), by Application (Fertility, Growth, & Control Products), by Crop Type & by Geography - Global Trends & Forecast to 2018", defines and segments the global agricultural enzymes market with an analysis and forecast of its global value.

The global Agricultural Enzymes Market is expected to grow at a CAGR of 7.0% and is projected to generate the revenue of \$301,602.5 Thousand by 2018. The agricultural enzymes market, by application, includes fertility products, growth-enhancing products, control products, and others. By type, it includes enzymes like carbohydrases, proteases, lipases, polymerases & nucleases and others. The cereals & grains, oil seeds & pulses, fruits & vegetables, and other crop types have been studied for this report. Agricultural enzymes originate biologically. When applied to a plant or soil or growing media, it enhances plant nutrition or reduces nutrient losses to the environment. Agricultural enzymes may also enhance plant stress tolerance and have been reported, in scientific literature, to also increase tolerance against infection by plant pathogens.

Some the prominent players in "Agricultural Enzymes Market" are:

Agrinos Inc. (Norway)

Novozymes A/S (Denmark)

Stoller Inc (USA)

Agri Life (India)

Deepak Fertilizers and Petrochemicals Corporation Ltd. (DFPCL) (India)

Bioworks Inc (U.S.)

Greenmax Agro Tech (India)

Syngenta AG (Switzerland)

Camson Bio Technologies Ltd. (India)

## Aries Agro Ltd. (India)

In 2012, the North American region dominated the global agricultural enzymes market with an approximate 31.0% share.

This research report categorizes the global agricultural enzymes market on the basis of application, type, crop type, and geography. The global agricultural enzymes market generated a value of \$201,239.6 Thousand in 2012 and is expected to grow at a CAGR of 7.0% by 2018.

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