

# **Agricultural Biologicals Market, 2023-2035: Distribution by Type of Product (Biopesticides / Biocontrols, Biofertilizers and Biostimulants), Source of Product (Microbes, Plant Extracts and Other Sources), Mode of Application (Foliar Sprays, Seed Treatments, Soil Treatments and Other Application Methods) Type of Crop Treated (Cereals and Pulses, Fruits and Nuts, Green Fodder, Vegetables and Tubers, Oilseeds, Industrial Crops, Textile Crops and Others) and Key Geographical Regions (North America, Europe, Asia-Pacific, Middle East and North Africa, and Latin America): Industry Trends and Global Forecasts**

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## **Abstracts**

The global agricultural biologics market is expected to reach USD 13.76 billion by 2023 anticipated to grow at a CAGR of 9.98% during the forecast period 2023-2035.

Agricultural biologicals, also referred to as agricultural biologics, cover a wide range of items like biopesticides, biofertilizers, and biostimulants. These products are sourced from natural elements such as microorganisms, plant extracts, beneficial insects, or other organic matter. Their main aim is to boost soil fertility, stimulate biological processes, and support plant growth. Notably, they are eco-friendly, leaving no harmful residues in ecosystems. They also help reduce potential risks to farmers' and consumers' health typically linked to chemical pesticides and fertilizers. Years of intense

agricultural practices and excessive use of chemical pesticides and fertilizers have negatively affected soil quality by reducing beneficial microorganisms. This has led to compromised crop health and diminished soil fertility. Agricultural biologics, including biopesticides, biofertilizers, and biostimulants, are increasingly used to reduce dependence on traditional chemical inputs.

Furthermore, these biological products are fundamental to sustainable agriculture and organic farming systems. They play a crucial role in addressing the growing food demand due to the expanding global population. They also align with consumer preferences for organic food, promoting sustainable farming practices. Consequently, the agricultural biologics market is expected to witness significant growth in the forecast period.

## Report Coverage

The report examines the agricultural biologics market across various parameters such as type of product, source of product, mode of application, type of crop treated and key geographical regions

Analysis is conducted on factors influencing market growth, including drivers, restraints, opportunities, and challenges.

Evaluation of potential advantages and barriers within the market landscape is provided, alongside insights into the competitive environment for leading market players.

Revenue forecasts for market segments are presented concerning five significant regions.

A detailed explanation is given regarding the systematic research approach employed to study the agricultural biologics market, encompassing methodologies, assumptions, and quality control measures aimed at ensuring precision and reliability of findings.

Historical trends and economic influences such as currency fluctuations, foreign exchange impacts, recession, and inflation are examined in their relation to the agricultural biologics market.

A concise summary offers major findings and an overarching perspective on the

current status and anticipated evolution of the agricultural biologicals market across short, medium, and long-term timelines.

Various agricultural biologics are described based on their functions, emphasizing their advantages in the agricultural sector. This section explores opportunities, future prospects, and the increasing necessity for such crop protection products.

Companies offering agricultural biologics are thoroughly evaluated based on parameters like establishment year, company size, headquarters location, product types offered, formulations, applications, and their significance in the market.

Comprehensive analysis of company competitiveness considers supplier strength, encompassing experience and company size, and product portfolio strength, including product types, crop variety, sources, applications, and formulations.

Elaborate profiles are provided for top companies in agricultural biologics, featuring company overviews, financial performance (if available), product portfolios, recent developments, and future prospects.

A comprehensive review is conducted on partnerships between agricultural biologics companies, encompassing distribution agreements, acquisitions, product development collaborations, research agreements, and more since 2020.

In-depth examination of patents filed/granted related to agricultural biologics since 2019 is presented, considering publication year, geographical distribution, leading players, and patent valuation. This includes benchmarking of significant patents based on citations.

Thorough assessment is performed on competitive forces impacting the agricultural biologicals market, covering threats from new entrants, bargaining power of developers and end-users, substitute products, and rivalry among competitors.

Detailed analysis identifies drivers, restraints, opportunities, and challenges influencing the growth of the agricultural biologicals market.

## Key Market Companies

AMVAC

Andermatt

BASF SE

Bayer AG

BioSafe Systems

Brandt

Chr. Hansen

Certis Biologicals

Corteva Agriscience

FBSciences

Grow Indigo

Koppert Biological Systems

Lallemand

Nutri-Tech Solutions

Novozymes

PI Industries

ProFarm

SQM

Stoller

Syngenta AG

UPL

Vegalab

Valent Biosciences

Verdisian Life Sciences

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