

Agricultural Biologicals Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028

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Abstracts

The global agricultural biologicals market size reached US\$ 12.4 Billion in 2022. Looking forward, IMARC Group expects the market to reach US\$ 28.3 Billion by 2028, exhibiting a growth rate (CAGR) of 15% during 2023-2028.

Agricultural biologicals are plant protection products derived from organic matter, such as microorganisms, insects and from plant or animal extracts. They are applied to the soil for protecting crops from pests, weeds, diseases, and to enhance their yield by improving nutrient uptake. Besides this, they assist in residue and resistance management, restoring mineral and microbial balance, and increase the carbon levels and water holding capacity of the soil. Nowadays, agricultural biologicals are used as an integral part of integrated pest management (IPM) to maintain a balance between the physical, biological and chemical aspects of the soil.

With the rapidly growing population, there is a significant scarcity of arable land and a simultaneous rise in the demand for agro-based products. This represents one of the key factors influencing the sales of agricultural biologicals across the globe. Moreover, the rising awareness about the harmful impact of chemical-based fertilizers is escalating the demand for organic food products. This, in confluence with the increasing concerns for soil health, agricultural sustainability and environmental safety, is propelling the uptake of agricultural biologicals among farmers. Furthermore, several governing agencies, as well as non-profit organizations (NGOs), are encouraging the usage of agricultural biologicals to support diversity in modern farming practices. Apart from this, the versatile functions of agriculture biologicals in both organic and conventional crop production systems, along with increasing investments by the leading players in research and development (R&D) projects, are expected to drive the market further.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global agricultural biologicals market report, along with forecasts at the global, regional and country level from 2023-2028. Our report has categorized the market based on type, source, mode of application and application.

Breakup by Type:

- Biopesticides
- Biofertilizers
- Biostimulants

Breakup by Source:

- Microbials
- Macrobials
- Biochemicals
- Others

Breakup by Mode of Application:

- Foliar Spray
- Soil Treatment
- Seed Treatment
- Post-harvest

Breakup by Application:

- Cereals and Grains
- Oilseed and Pulses
- Fruits and Vegetables
- Turf and Ornamentals
- Others

Breakup by Region:

- North America

United States
Canada
Asia Pacific
China
Japan
India
South Korea
Australia
Indonesia
Others
Europe
Germany
France
United Kingdom
Italy
Spain
Russia
Others
Latin America
Brazil
Mexico
Others
Middle East and Africa

Competitive Landscape:

The report has also analysed the competitive landscape of the market with some of the key players being Agri Life, Agrinos Inc., Arysta LifeScience Corporation (UPL Limited), BASF SE, Bayer AG, Isagro (PI Industries), Marrone Bio Innovations Inc., Novozymes A/S, Syngenta AG, The Dow Chemical Company, Valagro and Valent U.S.A. LLC (Sumitomo Chemical Co. Ltd.).

Key Questions Answered in This Report

1. What was the size of the global agricultural biologicals market in 2022?
2. What is the expected growth rate of the global agricultural biologicals market during 2023-2028?
3. What are the key factors driving the global agricultural biologicals market?
4. What has been the impact of COVID-19 on the global agricultural biologicals market?

5. What is the breakup of the global agricultural biologicals market based on the type?
6. What is the breakup of the global agricultural biologicals market based on the source?
7. What is the breakup of the global agricultural biologicals market based on the mode of application?
8. What is the breakup of the global agricultural biologicals market based on the application?
9. What are the key regions in the global agricultural biologicals market?
10. Who are the key companies/players in the global agricultural biologicals market?

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