

Agricultural Biologicals Market - Forecasts from 2021 to 2026

<https://marketpublishers.com/r/AD9431FCD95CEN.html>

Date: March 2021

Pages: 120

Price: US\$ 4,250.00 (Single User License)

ID: AD9431FCD95CEN

Abstracts

The agricultural biologicals market is expected to grow at a compound annual growth rate of 11.02% over the analyzed period to reach a market size of US\$19,699.792 million in 2026 from US\$9,477.038 million in 2019. Agricultural biologicals are a distinctive group of natural products, derived from naturally occurring micro-organisms, beneficial insects, plant extracts, and other organic matters. Biological products, such as agricultural biologicals, are the fastest-growing segments in the agricultural input market. The key driver of this industry is the growing demand for eco-friendly, chemical-free products for better yield. Chemical fertilizers and pesticides do increase yield, at the cost of the quality of the crop. The chemicals may end up in the end product, harming the health of the consumers. Agricultural Biologicals, on the other hand, do not contain chemicals and make the plant and yield more nutritious and healthier. Bio-stimulants help in increasing plant metabolic and enzymatic processes, thus improving the production level and the crop quality. Bio-pesticides protect the plant from insect and other microbes attack, saving the yield.

The market growth is driven by many factors which include R&D and innovation to meet the growing food demand as a result of the surging global population. Further, consumer interest in organic products will also drive the market. Furthermore, insect and weed resistance towards chemicals used in agriculture accompanied with rising environmental concerns will have a positive impact on the agricultural biologicals market.

Rapid Urbanization and Industrialization, along with growing disposable income will have a positive impact on the market, driving the demand further.

The prime driver of growth in the agricultural biologicals market is anticipated to be the

growing demand for food owing to booming population growth. The World population is expected to increase to 9.8 billion by end of 2050, from 7.8 billion in 2019. This growth will increase the demand for food products. Further, rapid industrialization and urbanization, especially in developing countries, will decrease the arable land available for cultivation. Hence, intense pressure will be on agricultural lands to increase yield. Farmers will turn towards agricultural biologicals which helps in increasing yield. Moreover, growing disposable income will also boost the market. growth in disposable income redefines a better standard of living. Along with this, consumers are becoming more health-conscious and are demanding natural, organic products. To meet this demand, farmers are employing bio-products. These factors combined will boost the market for agricultural biologicals.

Constraints facing agricultural biologicals market.

Major hindrances faced by the agricultural biologicals market are its low shelf life and lack of awareness.

Agricultural biologicals are plant-based or bio-based with minimum or no involvement of chemicals. In repercussion, biologicals product has a lower shelf life, i.e., same cannot be used for a longer period. Hence, it cannot be stocked and stored by farmers. Moreover, these products are less adaptive and cannot be transferred easily from one container to another. Lack of awareness of these products is another constraint facing the market.

Soil Treatment and Foliar Spray to hold significant market share.

By Application, the market is segmented into Soil treatment, Seed treatment, and Foliar Sprays. Of these, soil treatment and foliar sprays are anticipated to hold a significant market share due to awareness and non-technical usage. The seed treatment segment of the market will also hold a noteworthy share and is anticipated to increase at a considerable rate with growing awareness.

Based on the source of agricultural biologicals, the market is classified into biochemicals, microbials, and others.

The Asia Pacific region is anticipated to grow at the fastest pace.

Based on geography, the market is segmented into North America, South America, Europe, the Middle East and Africa, and the Asia Pacific regions. The Asia Pacific

region is predicted to grow at the fastest rate during the forecasted period, owing to rapid urbanization and growing industrialization. The region will also encounter a population boom in the coming years, especially India and China, which will become the first and second most populated countries, respectively. Moreover, growing disposable income in the area and raised standard of living have increased the demand for natural products. Surging health concerns has also significantly influenced demand for organic products. The governments, as well, are supporting the use of agricultural biologicals for sustainability and health. The government of India, for instance, made it compulsory for farmers, in August 2020, to purchase a bag of bio-fertilizers with every bag purchase of urea. The government intends to promote the use of bio-fertilizers, along with discouraging the use of chemical fertilizers, with this regulation.

The North American region is also estimated to employ a noteworthy market share, owing to their state-of-art infrastructure. Education and awareness also play a significant role in the promotion of agricultural biologicals in the region.

COVID pandemic and Agricultural Biologicals industry.

The coronavirus pandemic had a positive impact on the Agricultural Biologicals industry. The pandemic forced the governments to scrutinize their policies and employ sustainable means to reduce human carbon footprint. Further, raised safety and security standards have encouraged the consumption of healthy, natural, and organic products for better immunity and health.

Key Developments

March 2021, Arizona-based, Gowan company announced its acquisition of all shares of Piemme S.R.L., from its shareholders and Giorgio Basile.

March 2021, Bayer AG has announced that it will be launching Vanity Citrus, a bio-pesticide that targets citrus farm pests. The company claims that its Vanity Citrus does not generate resistance or any residue in harvest or the environment.

October 2020, Kerala state inaugurated its first bio-fertilizers and organic manure quality control laboratory in Pattambi. The laboratory would enable farmers to resolve issues regulating their

bio-products along with understanding government policies.

August 2020, the government of India mandated the purchase of bio-fertilizers along with the purchase of urea. The government regulation states that for each bag of urea purchased, the farmer has to purchase a bag of bio-fertilizer. The intention behind implementing this rule is to encourage the use of biofertilizers over chemical fertilizers.

Segmentation:

By Type

Biofertilizers

Biopesticide

Biostimulants

By Application

Soil Treatment

Seed Treatment

Foliar Sprays

By Source

Biochemical

Microbials

Others

By Geography

North America

United States

Canada

Mexico

South America

Brazil

Argentina

Others

Middle East and Africa

Saudi Arabia

South Africa

Others

Europe

Germany

France

Spain

United Kingdom

Others

Asia Pacific

China

Japan

India

South Korea

Others

*Note: The report will be dispatched in 3 business days.

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