

Global Biopesticides Market Size study & Forecast, by Formulation (Dry, Liquid), by Type (Bioinsecticides, Biofungicides, Bionematicides, Bioherbicides, Others), by Sources (Microbials, Biochemicals, Beneficial Insects), by Crop Type, by Application (Seed Treatment, Soil Treatment, Foilar Spray, Others) and Regional Analysis, 2023-2030

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Abstracts

Global Biopesticides Market is valued at approximately USD 5.78 billion in 2022 and is anticipated to grow with a healthy growth rate of more than 15.90% during the forecast period 2023-2030. Biopesticides are natural insecticides derived from animals, plants, microbes, and specific minerals that are less harmful to the environment. They play an important role in sustainable agriculture by effectively managing pests while limiting negative effects on the environment, non-target creatures, and human health. The Biopesticides Market is expanding because of factors such as Biotechnological advances in the field of natural and organic substitutes of chemical substrates, Government intervention by introducing various schemes for farmers and Bio-Companies, Increasing Consumer awareness about harmful effects of traditional fertilizers and Growing demand for organic food fuels the use of organically produced pesticides.

Rising consumer demand for organic goods has prompted farmers and agricultural producers to include biopesticides in organic farming operations. The use of Biopesticides adheres to organic farming standards because they originate from natural sources and their eco-friendly nature. According to a recent World Health Organization (WHO) estimate, around 25 million individuals in developing countries suffer from acute occupational pesticide poisoning each year, with nearly 20,000 deaths globally.

According to the Organic Trade Association, total organic sales in the US rose to USD 61.9 billion in 2021, representing a 12.4% rise from 2019. Significant expansion in the organic food business worldwide is predicted to fuel the growth of the Biopesticides Market. In addition, Governments of emerging countries are issuing various organic and agricultural farming schemes to promote the use of biopesticides. Biopesticides are often more resilient to shifting climate conditions than chemical pesticides. As climate change affects agricultural operations, the demand for resilient and adaptable pest management methods creates an opportunity for biopesticides. However, demand for conventional pesticides remains high, due to Farmer's favor for traditional pesticides because of their established market presence, leading to a consistent expansion in the market.

The key regions considered for the Global Biopesticides Market study includes Asia Pacific, North America, Europe, Latin America, and Middle East & Africa. North America dominated the market in 2022 owing to factors such as bio-technological advances, and regional use of biopesticides due to increasing trends toward sustainable agriculture. According to the World Food and Agricultural Organization, the average per capita spending on organic food goods in North America was USD 109.7 in 2021. Europe is expected to grow significantly over the forecast period, owing to factors such as the use of biopesticides to provide a safer and more sustainable alternative to pest control in agriculture, growing adoption of organic farming practices, driven by consumer demand for chemical-free food and environmentally friendly agricultural practices.

Major market player included in this report are:

Gujarat State Fertilizers & Chemicals Ltd

Henan Jiyuan Baiyun Industry Co. Ltd.

IPL Biologicals Limited

Koppert Biological Systems B.V.

Lallemand Inc.

Pro-Farm Group Inc.

T Stanes and Company Limited

Valent Biosciences LLC

Bioworks Inc.

Corteva Agriscience

Recent Developments in the Market:

In September 2022, Corteva Agriscience agreed to buy Symborg, a biologicals-based company, as part of its ambition to broaden its biologicals portfolio. The transaction was intended to assist Corteva Agriscience in meeting its goal of becoming a global leader in the agricultural biologicals sector.

In June 2022, Certis Biologicals and Novozymes, two prominent agricultural biotechnology businesses, collaborated to create new technologies for very effective fungal disease control. This collaboration was made to bring new options for row crop growers.

Global Biopesticides Market Report Scope:

Historical Data – 2020 - 2021

Base Year for Estimation – 2022

Forecast period - 2023-2030

Report Coverage - Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Segments Covered - Formulation, Type, Sources, Crop Type, Application, Region

Regional Scope - North America; Europe; Asia Pacific; Latin America; Middle East & Africa

Customization Scope - Free report customization (equivalent up to 8 analyst's working hours) with purchase. Addition or alteration to country, regional & segment scope*

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within countries involved in the study.

The report also caters detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, it also incorporates potential opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Formulation:

Dry

Liquid

By Type:

Bioinsecticides

Biofungicides

Bionematicides

Bioherbicides

Others

By Sources:

Microbials

Biochemicals

Beneficial Insects

By Crop Type:

Cereals & Grains

Oil Seeds & Pulses

Fruits & Vegetables

Others

By Application:

Seed Treatment

Soil Treatment

Foilar Spray

Others

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

Latin America

Brazil

Mexico

Middle East & Africa

Saudi Arabia

South Africa

Rest of Middle East & Africa

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